

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

RECEIVED
Anchorage, Alaska

REPORT DATE: 9-18-86

LEASE NO.: 871

WELL NO.: 1

SEP 18 1986

OPERATOR: SWPJS

DRILLING DEPTH: _____

FOOTAGE: _____

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

MUD WT. (PPG): _____

VIS: _____

PH: _____

PRESENT OPERATIONS: POH LAYING DRILL PIPE
PROBABLY RIG WILL BE RELEASED ABOUT 3-4 P.M.
TODAY

PRINCIPAL WORK ACCOMPLISHED: _____

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

8-1
871-H1

DATE 09/19/86

SHELL OCEANIC EASTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II	Elevation KB to MSL 38.4
Shell Drilling Foreman WELLS/ANDERSON	Water Depth 117
Present Activity RIG RELEASED, 1641 HRS 09/18/86.	
Field CORONA	Prog. Depth 10000
Lease OCS-Y 871	Present Depth 220
Well Number 1	Footage Drilled
Work Order # 266121	Size & Depth of Last Casing: 9 5/8 " @ 7943'

5.0 HRS-FINISHED LAYING DN DP FROM HOLE.
 1.0 HRS-CLOSED BLIND RAMS, TEST CSG/PLUG T/1000# F/30 MINS.(MMS WITNESSED.)
 TEST HELD OK.

SUMMARY 4.0 HRS-TIH W/6 DC'S/20 STDS DP FROM DERRICK, POH LAYING DN SAME. (LEFT 5
 OF STDS OF DP IN DERRICK T/ LAY TOP CMT PLUG WITH.)
 3.0 HRS-PUT EODP AT 430', PUMPED 80 SX OF PERMAFROST CMT +5 LBS/SX
 GILSONITE +.12 LBS/SX SODIUM CITRATE, DISP WITH 3.7 BBLS MUD.
 OPERATIONS PULLED UP T/220', REV CIRC UNTIL HAD CLEAN RETURNS. PICK-UP 5' PUMP
 50 BBLS NACL WATER (9.5 PH) F/CORR INHIBITOR. PULLED UP T/180' AND
 DISP RISER W/SEAWATER. POH. PULLED WEAR BUSHING.

2.0 HRS-DISCONNECT, LAY DN RISER, SET BACK STACK.
 1.0 HRS-JUMP DIVERS, INSTALL CORROSION COVER ON WELLHEAD, RECOVER DIVERS.
 0.0 HRS-PULL ANCHORS; 1ST UP AT 1419 HRS; LAST UP AT 1641 HRS 09/18/86.

Number of Accidents Last 24 Hrs: 0
 Pump Pressure @ Kill Speed:

Number of Accidents Year to Date: 1
 Last BOP Test: 09/12/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S / E / W

TIME	Rotating	Trips	Survey	Jet
(HRS)	Cum. Rot	D.D.	C & C	Cut DL
	BHA Insp	80.50 Reamg.	Repair	Other 24.00

COST DATA

Daily Mud	\$
Cumulative Mud	\$
Daily Well	\$
Cumulative Well	\$

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12					/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA					/

Authorized	\$
(+/-) Target	\$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T											
S											

B OPEN END DRILL PIPE

H
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M	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
U	0			/	/				/	85 BARITE
D	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime

BARITE USED FOR DRY JOBS WHILE LAYING DN DP.

MINERALS MANAGEMENT SERVICE
 ANCHORAGE, ALASKA

871 #1

#110-8-1

PAGE 1 OF 2

Elevation KB to MSL	38.4
Water Depth	117

Field CORONA	Prog. Depth	10000	Day Number	53
Lease OCS-Y 871	Present Depth	10000	Est. Days	34
Well Number 1	Footage Drilled		Days +/-	
Work Order # 266121	Size & Depth of Last Casing:		9 5/8 " @	7943

	2.5 HRS-RIH TO SHOE W/OEDP
	2.0 HRS-CIRC AND COND MUD
	2.5 HRS-POOH
SUMMARY	S4.0 HRS-RIG UP AND RUN GAGE RING AND JUNK BASKET
	2.0 HRS-RIH AND SET EZ-SV CEMENT RETAINER AT 7840' [RETAINER SET @ 12:30PM]
OF	0.5 HRS-RIG DOWN SCHLUMBERGER
	3.0 HRS-RIH WITH DRILL PIPE TO 7835'
	1.0 HRS-SPACE OUT-CIRC DRILL PIPE CLEAN
OPERATIONS	0.5 HRS-STING INTO RETAINER-TEST ANNULUS TO 1800 PSI FOR 15 MIN-OK
	0.5 HRS-DO LEAK OFF TEST-HAD LEAK OFF AT 16.8 PPG EQUIVALENT MUD WEITHT
	1.5 HRS-PUMP 50 BBL WATER-MIX AND PUMP 285 SX CLASS "G" CEMENT, WITH 0.6% HR-8, AND 1.25% CFR-2, MIXED AT 17.0 PPG, YIELD .988, FOLLOWED BY 10 BBL WATER AND 54 BBL MUD-STING INTO RETAINER-SQUEEZE CEMENT AWAY

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
Pump Pressure @ Kill Speed: Last BOP Test: 09/12/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
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TVD	Sec	N / S	E / W
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TIME	Rotating		Trips	9.00	Survey		Jet
	Cum. Rot	196.00	D.D.		C & C	2.00	Cut DL
(HRS)	BHA Insp	80.50	Reamg.		Repair		Other 13.00

COST DATA

HYDRAULIC DATA	Liner 6.0	Stroke 12	SPM	GPM	PSI	HHP	AV / CV
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Daily Mud	\$
Cumulative Mud	\$
Daily Well	\$
Cumulative Well	\$

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn /
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Authorized \$
(+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
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T							OCS DISTRICT OFFICE	0		
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B | OPEN END DRILL PIPE

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	16.3	.847	52	34 /20	9 /32	9.0	2	9.0	26.2/150	195 BARITE
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.15/1.4	.5	7300	160	TRC%	32	0	20.0		78 SALT

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871 #11

17/86
09/18/86

22:16

SEAL ISLAND
SHEL WESTERN E&P INC DAILY DRILLING REPORT

NO. 009

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PAGE 2 OF 2

WITH 68 BBL MUD-MAX PRESSURE 3500 PSI, BROKE TO 1500 PSI-FINAL
PRESSURE 1200 PSI AT 4 BPM

2.0 HRS-PULL 10 STANDS-REVERSE CIRCULATE PIPE CLEAN

2.0 HRS-POOH-LAYING DOWN DRILL PIPE

WEATHER; TEMP 3.5C, WIND 110 @ 10K, CEIL 6000 BRKN, VIS 15 MI, BAR 1012.0
PERSONNEL ON BOARD 91

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PROPRIETARY

RECEIVED
Anchorage, Alaska

SEP 18 1986

REGIONAL SUPERVISOR
FIELD OPERATION
RECEIVED MINERALS MANAGEMENT SERVICE
OCS DISTRICT OFFICE

SEP 18 1986

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

Elevation KB to MSL 38.4
Water Depth 117

Field CORONA
Lease OCS-Y 871
Well Number 1
Work Order # 286121

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Prog. Depth      10000
Present Depth    10000
Footage Drilled      0
Size & Depth of Last Casing:

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Day Number 52
Est. Days 34
Days +/-
9 5/8 " ● 7943

SUMMARY

1.0 HRS-RUN CST/GR #3-RECOVERED 41, 4 LOST
3.5 HRS-RUN CST/GR #4-RECOVERED 41, 1 MISFIRED, 3 LOST
3.0 HRS-RUN CST/GR #5-RECOVERED 41, 4 LOST
3.5 HRS-RUN CST/GR #6-RECOVERED 33, 1 MISFIRED, 11 LOST
7.0 HRS-RUN CHECK SHOT SURVEY
-OF-
~~3.5 HRS-RUN CST/GR #7-RECOVERED 36, 7 MISFIRED, 2 LOST~~
2.5 HRS-RIG DOWN SCHLUMBERGER-RIG DOWN 9 5/8" LUBRICATOR

OPERATIONS

WEATHER: TEMP 3.0C, WIND 290 AT 11 KTS, CEIL 7000 BROKEN, VIS 10, BAR 1014.7

PERSONNEL ON BOARD 96

Number of Accidents Last 24 Hrs: 0
Pump Pressure @ Kill Speed:

Number of Accidents Year to Date: 1

Last BOP Test: 09/12/86

Directional Services

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle RECEIVED	Direction	* M D	Angle	Direction
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~~QCS-DISTRICT-OFFICE~~

SEP 17 1986

TVD	Sec	N / S	E / W
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MINERALS MANAGEMENT SERVICE

TIME	Rotating	Trips		Survey	ANCHORAGE ALASKA
	Cum. Rot	196.00	D.D.	C & C	Cut DL
(HRS)	BHA Insp	80.50	Reamg.	Repair	Other 24.00

COST DATA

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12					/

Daily Mud	\$
Cumulative Mud	\$
Daily Well	\$
Cumulative Well	\$

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn /
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Authorized	\$	<u> </u>
(+/-) Target	\$	<u> </u>

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I T S									0		

RECEIVED

B | OPEN END DRILL PIPE

RECEIVED
Anchorage, Alaska

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	
M	16.3	.847	51	34 /19	8 /32	9.0	2	9.0	26.0/150	
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.15/1.5	.6	7200	160	TRC%	32	0	20.0		

Mud Additions |
REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

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Elevation KB to MSL	38.4
Water Depth	117

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Prog. Depth      10000
Present Depth    10000
Footage Drilled      0
Size & Depth of Last Casing:

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Day Number 51
Est. Days 34
Days +/-
9 5/8 " @ 7943'

SUMMARY	3.0 HRS-RIN TO 9750'-CIRCULATE BOTTOMS UP	CONFIDENTIAL
	1.0 HRS-WASH AND REAM FROM 9750' TO 10,000'	
	3.5 HRS-CIRCULATE BOTTOMS UP AT 10,000'	
	1.5 HRS-SPOT 250 BBL. 18.5 PPG MUD	
	4.0 HRS-PULL TO SHOE-CIRCULATE BOTTOMS UP	
OF OPERATIONS	3.5 HRS-POOH	
	1.0 HRS-RIG UP 9 5/8" SCHLUMBERGER LUBRICATOR-RIG UP SCHLUMBERGER	
	2.5 HRS-RUN CST/GR #1-RECOVERED 12, 33 MISFIRE	
	3.0 HRS-RUN CST/GR #2-RECOVERED 12, 33 MISFIRE	
	1.0 HRS-RUN CST/GR #3	

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WEATHER; TEMP 4.5C. WIND 060 AT 10 KTS, CEIL 10000, VIS 15 MI, BAR 1013.1
PERSONNEL ON BOARD 96

Number of Accidents Year to Date: 1

Last BOP Test: 09/12/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
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RECEIVED
OCS DISTRICT OFFICE

TVD	Sec	N / S	E / W
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TIME	Rotating	CHIEF TRIPMANAGEMENT SERVICE						Jet	COST DATA		
(HRS)	Cum. Rot	196.00	D.D	DAMAGE, ALASKA & C	7.00	Cut DL					
	BHA Insp	80.50	Reamg.	1.00	Repair	Other	8.00	Daily Mud	\$		
								Cumulative Mud	\$		
								Daily Well	\$		
								Cumulative Well	\$		

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn /	Authorized (+/-) Target	\$
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B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T S	17R	8.5	PDT	FC3711	3-13'S		10000	10000	0		

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	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	
M	16.3	.847	50	32 /19	8 /34	9.0	2	8.9	26.0/150	738 BARITE	
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	3 CAUSTIC
D	.2 /1.5	.6	7400	160	TRC%	32	0	20.0			

8-1

Vc 871 #1

Elevation AB to MSL	50.4
Water Depth	117

Field CORONA	Prog. Depth	10000	Day Number	50
Lease OCS-Y 871	Present Depth	10000	Est. Days	34
Well Number 1	Footage Drilled	0	Days +/-	
Work Order # 266121	Size & Depth of Last Casing:		9 5/8 " @	7943 '

WEATHER; TEMP 3.50, WIND 110 AT 14 KTS, CEIL 9000', VIS 15 MI, BAR 1019.0
PERSONNEL ON BOARD 26

Last BOP Test: 09/12/86

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

TIME	Rotating		Trips	3.00	Survey	Jet
	Cum. Rot	100.00	D.B.		C & C	Out DL
(HRS)	BHA Insp	80.50	Reamg.	3.00	Repair	Other

COST DATA

Daily Mud RECEIVED
Cumulative Muds DISTRICT OFFICE
Daily Well \$
Cumulative Well \$1 1986

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	RRP	AV	CV
DATA	6.0	12						

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn /
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Authorized (+/-) Target \$ \$
MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

B	Rit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T S	17R	8.5	PBT	PC3711	3 19'S		10000	SIN	1000		

B BIT, BIT SUR W/FLOAT, 3 - 6 1/2" DC, STAR, 3 - 6 1/2" DC, STAR, 1 - HWDP,
H JARS, 1 - HWDP, PART SUR, 3 - HWDP, 5" DRILL PIPE

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	
M	18.3	.847	54	38 / 18	9 / 38	9.0	2	8.4	25.8/150	33 BARITE	
U	PI/MI	Fm	Cl	Ca	Sand	Solids	Oil%	MDT	Gulf.	Lime	11 MICA
D	1 / 1.4	.4	7200	160	TRC%	32	0	20.0			10 NUT PLUG

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Water Depth	2 m	117
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U S / G = 100 7045

Last BOP Test: 09/12/86

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

~~RESERVED~~

Cumulative Well \$ 1986

Authorized MINERALS MANAGEMENT SERVICE
(+/-) Target ANCHORAGE, ALASKA

B | BIT, BIT SUB W/FLOAT, 3 - 6 1/2" DC, STAB, 3 - 6 1/2" DC, STAB, 1 - HWDP,
H | JARS, 1 - HWDP, DART SUB, 3 - HWDP, 5" DRILL PIPE.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	15.3	.947	52	33 /21	8 /30	9.0	2	8.6	25.4/150	39 BARITE
U	Pf/MF	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	2 /1.4	7	7600	200	TRC%	32	0	20		3 CAUSTIC

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871 #1

PAGE 1 OF 1

Water Depth	117
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9 5/8 " 7943

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PAGE 1 OF 2

Elevation KB to MSL	38.4
Water Depth	117

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GA'

3.0 HRS. PULLED 22 STANDS TO CASING SHOE. OBTAINED NEW C&K FRICTION LOSS
VALUES. RIH TO 9938'.

1.0 HR. CIRCULATING BOTTOMS UP, MUD CUT T/15.7 PPG FOR 10 MINS. 1500 UNITS
OF GAS MAX. CIRC T/REGAIN 16.3 PPG MUD RET'S AT RPT TIME.

REC VERBAL VARIANCE TO POSTPHONE BOPE TEST FROM MR. BOB RIGGINS, MMS REP.

ICE: NONE.

PERSONS ON BOARD: 94

WX: TEMP 3C, CEILING 4500' VIS 10 MILES. WIND 200 DEG AT 16KTS.

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Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/WELLS
 Present Activity RASING MUD WT T/12.5 PPG.

CONFIDENTIAL

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 44
Lease OCS-Y 871	Present Depth 10000	Est. Days 34
Well Number 1	Footage Drilled 243	Days +/- -2
Work Order # 266121	Size & Depth of Last Casing:	9 5/8 " @ 7943'

SUMMARY OF OPERATIONS

11.5 HRS. DRLG F/9757' T/10000' W/BIT #18. (RAISED MUD WT F/11.2 T/11.5 PPG.)
 2.0 HRS. SHORT TRIP TO CASING SHOE AND BACK TO TD. (HOLE IN VERY GOOD COND)
 1.0 HRS. CIRC BOTTOMS UP. MUD CUT TO 10.4 PPG FOR 10 MIN. (MAX. 2900 UNITS)
 MUD CUTTING SLOWLY BECAME LESS, UP TO 10.8 PPG, DURING NEXT 75 MIN
 3.5 HRS. RET MUD WT .7 PPG LESS THAN MUD WT IN AFTER COMPLETE CIRC. SHUT IN
 WELL. HAD 125 SIDPP. RAISED MUD WT T/11.8 PPG. CIRC AROUND, RET WT
 ONLY UP TO 11.1 PPG. GAS CUT .7, STEADY 1750 UNITS GAS.
 3.5 HRS. WT UP TO 12.1 PPG. CIRC AROUND, RET WT 11.3, GAS CUT .8, STEADY
 1000 UNITS GAS RET.
 2.5 HRS. BROUGHT MUD WT GOING IN UP T/12.5 PPG, CIRC AROUND AT RPT TIME.

ICE: NONE. PERSONS ON BOARD: 96

WX: TEMP 3C. CEILING 4000' VIS 10 MILES IN LIGHT RAIN. WIND 270 AT 12KTS.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 1050 PSI @ 40SPM, #2 1000 PSI @ 40SPM Last BOP Test: 09/02/86

Directional Surveys						Coordinates of Last Shot			
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction	
9609	3.42	23.78							
9665	3.61	35.04							
9817	3.52	27.2							
						TVD	Sec	N / S	E / W

TIME	Rotating	11.50 Trips	2.00 Survey	Jet	COST DATA							
	Cum. Rot	196.00 D.D.	C & C	10.50 Cut DL								
(HRS)	BHA Insp	80.50 Reamg.	Repair	Other	0.00	Daily Mud						
					Cumulative Mud							
HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV	Daily Well				
DATA	8.0	12	97	420	4350		/	Cumulative Well				
DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized						
DATA	308	45	110	720 AMPS	/	(+/-) Target						
B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr	
I												
T	16	8.5	J2	LD425	3-10'S	INC	9664	10000	336	16.50	20.3	
S							10000					

B | 8.5" BIT, BIT SUB, 6.5"DC, XO, MWD(ANADRILL), FILTER SUB, XO, 6.5"DC, STAB,
 H | MWD(BAROID), 6.5" LEAD COLLAR, 2-6.5"DC, STAB, 4-6.5"DC, STAB, 4-6.5"DC,
 A | STAB, 4-6.5"DC, STAB, 3-6.5"DC, 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	12.5	.65	39	16 / 13	5 / 18	9.2	2	8.4	23.0/150	706 BARITE
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Line
D	.1 / 1.2	.3	7500	200	.25%	16	0	22.5		4 TECHSPERS

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09/07/86

23:18

SEAL ISLAND

NO. 008

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DATE 09/08/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/WELLS
 Present Activity DRILLING AHEAD.

CONFIDENTIAL

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 43
Lease OCS-Y 871	Present Depth 9757'	Est. Days 34
Well Number 1	Footage Drilled 182	Days +/- -3
Work Order # 268121	Size & Depth of Last Casing:	9 5/8 " @ 7943'

SUMMARY
 OF
 7.0 HRS. DRLG F/9575' T/9664 W/BIT #15.
 2.0 HRS. SHORT TRIP TO CASING SHOE AND BACK TO TD. (HOLE IN VERY GOOD COND)
 1.0 HRS. CIRC BOTTOMS UP. MUD CUT TO 10.6 PPG FOR 5 MIN. (MAX. 1100 UNITS)
 9.0 HRS. TRIP F/NEW BIT. CNG OUT 10 BAD JTS OF GRADE 'E' DP.
 MUD CUT TO 10.7 PPG FOR 5 MINS. (MAX. 900 UNITS GAS AT BTMS UP.)
 5.0 HRS. DRLG F/9664' T/9757' W/BIT #18.

RECEIVED
 OCS DISTRICT OFFICE

OPERATIONS

WX: TEMP 2.0C, CEILING 8000', VIS 15+, WIND 020 AT 05KTS.
 ICE: TRACE, MOVING 180 DEG AT .4KTS.
 POB: 99 (PERSONS ON BOARD)

SEP 8 1986

MINERAL SERVICES
 ALBUQUERQUE, N.M.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 1050 PSI @ 40SPM, #2 1000 PSI @ 40SPM Last BOP Test: 09/02/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
9580'	3.4	26.4						
						TVD	Sec	N / S E / W

TIME	Rotating	12.00 Trips	11.00 Survey	Jet
	Cum. Rot	184.50 D.D.	C & C	1.00 Cut DL
(HRS)	BHA Insp	69.00 Reamg.	Repair	Other 0.00

Daily M
 Cumulat
 Daily W
 Cumulat

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12	97	420	4350		/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authori
DATA	308	45	110	720 AMPS	/	(+/-) T

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	15	8.5	J2	LD481	3-10'S	6-3-I	9164	9664	500	31.00	16.1
S	16	8.5	J2	LD425	3-10'S	INC	9664		-9664		

B 8.5" BIT, BIT SUB, 6.5"DC, XO, MWD(ANADRILL), FILTER SUB, XO, 6.5"DC, STAB,
 H MWD(BAROID), 6.5" LEAD COLLAR, 2-6.5"DC, STAB, 4-6.5"DC, STAB, 4-6.5"DC,
 A STAB, 4-6.5"DC, STAB, 3-6.5"DC, 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	11.2	.582	39	15 / 11	5 / 20	9.2	2	8.8	23.0/150	5 CAUSTIC
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.1 / 1.1	.4	7500	180	.25%	14.0	0	22.5		

0871 #1
 8-1

09/06/86

23:22

SEAL ISLAND

NO. 007

001

Free

DATE 09/07/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/WELLS
 Present Activity DRILLING AHEAD.

CONFIDENTIAL

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA
 Lease OCS-Y 871
 Well Number 1
 Work Order # 266121

Prog. Depth 10000
 Present Depth 9575'
 Footage Drilled 411
 Size & Depth of Last Casing:

Day Number 42
 Est. Days 34
 Days +/- -3
 9 5/8 " @ 7943'

24.0 HRS.DRLG F/9164' T/9575 W/BIT #15.

SUMMARY

OF

RECEIVED
 OCS DISTRICT OFFICE

SEP 8 1986

OPERATIONS

MINERALS MANAGEMENT SERVICE
 ANCHORAGE, ALASKA

WX: TEMP 5.0C, CEILING UNLIMITED, VIS 15+, WIND 120 AT 22KTS.
 ICE: TRACE, MOVING 063 DEG AT .18KTS.
 POB: 93 (PERSONS ON BOARD)

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 780 PSI @ 40SPM, #2 800 PSI @ 40SPM Last BOP Test: 09/02/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
9088	2.8	15.4						
9362	3.0	26.4						
						TVD	Sec	N / S E / W

TIME	Rotating	24.00 Trips	Survey	Jet
	Cum. Rot	172.50 D.D.	C & C	Cut DL
(HRS)	BHA Insp	57.00 Reamg.	Repair	Other 0.00

COST DATA

Daily M
 Cumulat:

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12	96	415	4200		/

Daily W
 Cumulat:

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authori
DATA	308	45	110	650 AMPS	/	(+/-) T

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	15	8.5	J2	LD481	3-10'S	INC	9164		-9164		
S											

B 8.5" BIT, BIT SUB, 6.5"DC, XO, MWD(ANADRILL), FILTER SUB, XO, 6.5"DC, STAB.
 H MWD(BAROID), 6.5" LEAD COLLAR, 2-6.5"DC, STAB, 4-6.5"DC, STAB, 4-6.5"DC,
 A STAB, 4-6.5"DC, STAB, 3-6.5"DC, 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	14 DRISPA
M	11.2	.582	40	16 / 12	8 / 29	9.5	2	8.8	22.8/150	366 BARITE	2 LIME
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	128 GEL
D	.1 / .9	.4	8000	380	.25%	14.5	0	17.5			8 CAUSTIC
											9 BICARB

0841 # 1
 8-1

8/18/86	8000	0	Logging, ^{ran} running 9 5/8" casing (7943) and cemented, 2/10 ice coverage.
8/19/86	8000	0	Ran leak-off test, tested BOPS, trace of ice.
8/20/86	8250	250	Drilling ahead.
8/21/86	8435	185	Drilling ahead.
8/22/86	8534	99	Drilling ahead, hand ^g off drill pipe and pulling anchors, standing by due to ice, 4/10 ice coverage ☉
8/23/86	8534	0	Waiting on ice, 8/10 to 9/10 ice coverage.
8/24/86	8534	0	Waiting on ice, 8/10 ice coverage.
8/25/86	8534	0	Waiting on ice, 7/10 ice coverage.

8/26/86	8534	0	Waiting on ice, dropped anchors, retrieved anchors, 3/10 ice coverage .
8/27/86	8534	0	Waiting on ice, 10/10 ice coverage.
8/28/86	8534	0	Waiting on ice, 4/10 ice coverage.
8/29/86	8534	0	Waiting on ice, 3/10 to 10/10 ice coverage.
8/30/86	8534	0	Waiting on ice, 1/10 ice coverage.
8/31/86	8534	0	Waiting on ice, setting anchors.
9/1/86	⁵ 8 572	32	Test BOPS, drilling ahead hang off due X to ice, standing by.
9/2/86	8572	0	Waiting on ice.
9/3/86	8572	0	Back on location, setting anchors, test BOP.

09/05/86

23:15

SEAL ISLAND

NO. 026

001

DATE 09/06/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II

Shell Drilling Foreman BROWNING/WELLS

Present Activity

BREAKING CIRC AFTER TRIP.

Elevation KB to MSL 38.4

Water Depth 117

CONFIDENTIAL

Field CORONA

Lease OCS-Y 871

Well Number 1

Work Order # 266121

Prog. Depth 10000

Present Depth 9164'

Footage Drilled 176

Size & Depth of Last Casing:

Day Number 41

Est. Days 34

Days +/- -3

9 5/8 " @ 7943'

SUMMARY OF OPERATIONS

11.8 HRS. DRLG F/8988' T/9164' W/BIT #14.
 1.5 HRS. CHECK F/FLOW. NONE. SHORT TRIP, T/SHOE AND BACK T/BTM.
 1.0 HRS. CIRC BTMS UP, HAD 100 UNITS OVER BACK-GROUND GAS, NO GAS CUT MUD.
 4.0 HRS. CHECK F/FLOW, NONE. POH F/NEW BIT. RECOVER BAROID MWD INFO, (BAD).
 1.0 HRS. LAY DN ANADRILL NON-WORKING TOOL, PICKED UP ANOTHER THAT WILL GIVE
 DRIFT/DIR/GR INFO.
 1.5 HRS. REPAIR HIGH DRUM CLUTCH ON DRAWWORKS.
 3.5 HRS. TIH W/BIT #15. BREAKING CIRC ON BTM AT RPT TIME.

NOTE: RECEIVED PERMISSION FROM MR. BOB RIGGENS, MMS, TO FOREGO SURVEYS TEMP.

WX: TEMP 9.2C, CEILING 7000', VIS 15+, WIND 140 AT 7 KTS.

ICE: TRACE, MOVING 285 DEG AT .35KTS.

POB: 93 (PERSONS ON BOARD)

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date: 1

Pump Pressure @ Kill Speed: #1 1100PSI @ 50SPM, #2 1100PSI @ 50SPM Last BOP Test: 09/02/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
-------	-------	-----------	-------	-------	-----------	-----	-------	-----------

RECEIVED
DISTRICT OFFICE

SEP 8 1986

MINERALS MANAGEMENT SERVICE

ANCHORAGE, ALASKA

TIME	Rotating	11.50 Trips	9.00 Survey	Jet
	Cum. Rot	148.50 D.D.	C & C	1.00 Cut DL
(HRS)	BHA Insp	33.00 Reamg.	Repair	1.50 Other 1.00

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12	87	376	3200		/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA	300	45	110	515 AMPS	/

Author:
(+/-) ?

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/
I											
T	14	8.5	FDT	FC5472	3-10'S	4-1-I	8766	9164	398	20.50	19
S	15	8.5	J2	LD481	3-10'S		9164				

B 8.5" BIT, BIT SUB, 6.5"DC, XO, MWD(ANADRILL), FILTER SUB, XO, 6.5"DC, STAB,
 H MWD(BAROID), 6.5" LEAD COLLAR, 2-6.5"DC, STAB, 4-6.5"DC, STAB, 4-6.5"DC,
 A STAB, 4-6.5"DC, STAB, 3-6.5"DC, 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Via	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	11.2	.582	42	17 /10	5 /23	9.0	2	8.8	25.8/150	327 BARITE
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.05/.85	.3	8000	520	.25%	13.5	0	15.0		

0841#1
8-1

09/05/86

00:06

SEAL ISLAND

NO. 004

001

DATE 09/05/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/WELLS
 Present Activity DRILLING AHEAD.

CONFIDENTIAL

Elevation KB to MSL 98.4
 Water Depth 117

Field CORONA
 Lease OCS-Y 871
 Well Number 1
 Work Order # 286121

Prog. Depth 10000
 Present Depth 8988
 Footage Drilled 222
 Size & Depth of Last Casing:

Day Number 40
 Est. Days 34
 Days +/-
 9 5/8 " @ 7943'

9.0 HRS FINISH TIH, LAYED DN 52 JTS BAD 'E' DP, PICKED UP 52 T/REPLACE IT.
 6.0 HRS WASH/LOG FOR BARIOD MWD F/8518' T/8766'.
 9.0 HRS DRLO F/8766' T/8988'. MUD CUT T/10.8 PPG WHILE WASH/LOGGING T/TD.

SUMMARY

NO TIGHT SPOTS.

OF

OPERATIONS

PROPRIETARYRECEIVED
COG DISTRICT OFFICE

SEP 5 1986

WX: TEMP 10C, CEILING 6500', VIS 10+, WIND 250 AT 11KTS.
 ICE: 1/10TH MOVING 277 DEG AT .5KTS.
 POB: 93

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 1100PSI @ 50SPM, #2 1100PSI @ 50SPM Last BOP Test: 09/02/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
8620	2.18	21.4						
						TVD	Sec	N / S E / W

TIME Rotating 9.00 Trips 9.00 Survey 6.00 Jet
 Cum. Rot 137.00 D.D. C & C Cut DL
 (HRS) BHA Insp 21.50 Reang. Repair Other 24.00

COST DATA

HYDRAULIC Liner Stroke SPM GPM PSI HHP AV / CV
 DATA 6.0 12 87 376 3200 /

Daily Mud \$
 Cumulative Mud \$
 Daily Well \$
 Cumulative Well \$

DRILLING Hook Load Bit Weight RPM Torque Drag Up/Dn
 DATA 300 45 110 515 AMPS /

Authorized \$
 (+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/I
I											
T	14	8.5	FDT	FC5472	3-10'S	INC	8766	8988	222	9.00	24
S							8988				

B 8.5" BIT, BIT SUB, 6.5"DC, XO, MWD(ANADRILL), FILTER SUB, XO, 6.5"DC, STAB.
 H MWD(BAROID), 6.5" LEAD COLLAR, 2-6.5"DC, STAB, 4-6.5"DC, STAB, 4-6.5"DC,
 A STAB, 4-6.5"DC, STAB, 3-6.5"DC, 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	11.0	.572	40	18 / 10	4 / 17	9.0	2	9.0	25.6/	BAR 1018
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	NBT	Sulf.	Line
D	0.1/.95	.25	9500	560	TR %	13	0	15		CAUSTIC 6 LIME 3

81-1 871#1

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

RECEIVED
Anchorage, Alaska

SEP 04 1986

REPORT DATE: 9-4-86

LEASE NO.: 871

WELL NO.: 1

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

OPERATOR: SHELL SWCP

DRILLING DEPTH: 8766

FOOTAGE: 194'

MUD WT. (PPG): 11.0

VIS: 50

PH: 9.3

PRESENT OPERATIONS: RIH

PRINCIPAL WORK ACCOMPLISHED:

BIT LOCKED UP

COH, CHANGED BIT

RIH REAMING TO BOTTOM

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

8

871 #1

DATE 09/04/86

SHE **WESTERN E&P INC DAILY DRILLING REPORT**

PAGE 1 OF 1

Rig Name **EXPLORER II**
 Shell Drilling Foreman **BROWNING/GROTE**
 Present Activity **RUNNING IN HOLE**

Elevation KB to MSL **38.4**
 Water Depth **117**

Field CORONA	Prog. Depth 10000	Day Number 39
Lease OCS-Y 871	Present Depth 8766	Est. Days 34
Well Number 1	Footage Drilled 194	Days +/-
Work Order # 266121	Size & Depth of Last Casing:	9 5/8 " @ 7943'

4.0 HRS-WASH AND REAM TO TD-HAD TIGHT SPOTS AT 8118' AND 8510' [SAME AS THE LAST TRIP] MUD CUT TO 10.8 PPG ON BOTTOMS UP

11.0 HRS-DRILLED 8572' TO 8758'

SUMMARY 0.5 HRS-MADE 5 STAND SHORT TRIP-NO TIGHT SPOTS

1.5 HRS-DRILL 8758' TO 8766'-ROP WENT FROM 30'/HR TO 6'/HR.

OF 4.5 HRS-PUMP PILL-POOH-LAY DOWN 6 JTS "E" PIPE WITH WASHED TOOL JTS-CHANGE OUT ANADRIL MWD.

2.5 HRS-RIH-CHANGE OUT BAROID MWD-CHECE EVERY JOINT GRADE "E" WHILE RIH
 OPERATIONS WEATHER: TEMP 3.6C, CEILING CLEAR, VIS 15 MI, WIND 100 AT 10K, BAR 1020.2
 PERSONNEL ON BOARD SHIP 93

MAKE HELICOPTER ICE RECON AT 20:00 HRS-SAW NO LARGE UNMANAGABLE PIECES OF ICE IN AREA.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1

Pump Pressure @ Kill Speed: #1 1200PSI @ 50SPM, #2 1225PSI @ 50SPM Last BOP Test: 09/02/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
8441	1.93	28.40				8620	2.18	21.36
8577	1.87	20.31						
						TVD	Sec	N / S E / W

PROPRIETARY
CONFIDENTIAL

TIME	Rotating	12.50 Trips	7.50 Survey	Jet
	Cum. Rot	128.00 D.D.	C & C	Cut DL
(HRS)	BHA Insp	12.50 Reang.	4.00 Repair	Other 0.00

COST DATA
 COS DISTRICT OFFICE

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12	100	420	3980		/

Daily Mud \$
 Cumulative Mud \$ 1985
 Daily Well \$
 Cumulative Well \$
 MINERALS MANAGEMENT SERVICE
 ANCHORAGE, ALASKA
 Authorized (+/-) Target \$

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA	285	40-50	110-130	450-650A	/

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H
I											
T	13	8.5	FDT	EV8801	3-10'S	LOCKED	8534	8766	232	14.50	1
S	14	8.5	FDT	PC5472	3-10'S		8766		-8766		

B 8.5" BIT, BIT SUB, 6.5"DC, XO, MWD(ANADRILL), FILTER SUB, XO, 6.5"DC, STAB,
 H MWD(BAROID), 6.5" LEAD COLLAR, 2-6.5"DC, STAB, 4-6.5"DC, STAB, 4-6.5"DC,
 A STAB, 4-6.5"DC, STAB, 3-6.5"DC, 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	8 REXINEX
M	11.0	.572	50	22 /17	4 /18	9.3	1	5.5	16.0/150	68 BARITE
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Line
U	.15/1.6	.4	85UO	400	1/8%	14.5	U	17.5		3 CAUSTIC
										13 MAXIFAC
										2 DRISPAC

8-1
 871#1

Rig Name EXPLORER II

Shell Drilling Foreman BROWNING/GROTE

Present Activity

WASHING AND REAMING TO BOTTOM

Elevation KB to MSL 38.4

Water Depth 117

Field CORONA

Lease OCS-Y 871

Well Number 1

Work Order # 000101

Prog. Depth 10000

Present Depth 8572

Footage Drilled 0

Size & Depth of Last Casing:

Day Number 36

Est. Days 34

Days +/- -16

C 5/8 " 8 7040

8.0 HRS. WAITING ON ICE.

4 1.0 HRS. RAN ANCHORS BY FIRST AT 10:45 AM AND 2nd LAST AT 11:15 AM. TENSIONED UP

SUMMARY

2.0 HRS. RAN LMRP. JUMPED DIVER, HOOK UP GUIDE LINES. LATCHED UP LMRP AND TOOK 30,000# OVERPULL AT 12:45 HRS. (9-2-88).

OP

0.5 HR. TEST CHOKE AND KILL LINES TO 5000 PSI. SHUT-IN PRESSURES DP-200 PSI AND ANNULUS-800 PSI. BOTH BLED OFF READILY.

1.5 HRS. CIRCULATE RISER W/ 11.0 PPG MUD. OPEN RAMS AND CIRCULATE BOTTOMS UP. BOTTOMS UP MUD CUT TO 10.8 PPG. TEST CHOKE MANIFOLD WHILE CCM.

OPERATIONS

1.0 HR. FULL HANG-OFF TOOL, INSIDE BOP, AND SAFETY VALVE AND L/D SAME.

3.5 HRS. PULL WEAR BUSHING AND RUN TEST PLUG. TEST BOP. ANNULARS 3500 PSI. PIPE RAMS AND VALVES 5000 PSI. PULL TEST PLUG AND RUN WEAR SLEEVE.

2.0 HRS. TEST FLOOR VALVES. ALL OK

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date: 1

Pump Pressure @ Kill Speed: #1 1200PSI @ 50SPM, #2 1150PSI @ 50SPM

Last BOP Test: 09/02/88

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
CONFIDENTIAL						TVD	Sec	N / S E / W

TIME | Rotating | Trips | 1.50 Survey | Jet
 (HRS) | Cum. Rot | 115.50 R.D. | C & C | 1.50 Cut Dr.
 | BHA Inep | Reamg. | 0.50 Repair | Other | 20.50

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | BHP | AV / CV
 DATA | 6.0 | 12 | 104 | 436 | 4160 | | /

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn
 DATA | 285 | | | | /

COST DATA
 RECEIVED
 OCS DISTRICT OFFICE
 Daily Mud \$
 Cumulative Mud \$
 Daily Well \$ 1986
 Cumulative Well \$
 MINERALS MANAGEMENT SERVICE
 ANCHORAGE, ALASKA
 Authorized (+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.R.G.	In	Out	Footage	Hours	Rt/H
I											
T	13	8.5	FDT	EV8801	3-10'S		8534		-8534		
S											

B | 6.5" BIT, BIT SUB, 6.5"DC, NO. MWD(ANADRILL), FILTER SUB, NO. 6.5"DC, STAB,
 H | MWD(BAROID), 6.5" LEAD COLLAR, 2-6.5"DC, STAB, 4-6.5"DC, STAB, 4-6.5"DC,
 A | STAB, 4-6.5"DC, STAB, 3-6.5"DC, 1-MWD, JABS, 1-MWD, DART SUB, 3-MWD.

M	PPG	Grd	Via	FW/YP	Gala	pH	Cake	WL API	STAB/Temp	Mud Additions
M	11.0	.572	45	23 / 11	4 / 11	9.2	1	6.4	17.5/150	HAR 202
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	0.2/1.6	0.2	10000	580	TR %	14	0	20		

09/03/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 2 OF 2

0.5 HRS-LAY DOWN 18 JTS DP.
0.5 HRS-RIN TO SHOE
0.5 HRS-BREAK CIRCULATION-WASH AND REAM DOWN

WEATHER: TEMP 1C. CEILING 4000' BROKEN, VISIBILITY 8 MI, WIND 080 AT 8 KTS,
BAR. 1008.5
PERSONNEL ON BOARD 93

A
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CONFIDENTIAL

RECEIVED
OCS DISTRICT OFFICE

SEP 2 1986

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

RECEIVED
Anchorage, Alaska

SEP 03 1986

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

REPORT DATE: 9-2-86 9:00 AM

LEASE NO.: Y0871

WELL NO.: 1

OPERATOR: SHILL SWCPI

DRILLING DEPTH: 8572'

FOOTAGE: 38' (on 9-1-86)

MUD WT. (PPG): 11.0

VIS: 43

PH: 9.2

PRESENT OPERATIONS: _____

RECEIVED

Anchorage, Alaska

SEP 02 1986

***** REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

PRINCIPAL WORK ACCOMPLISHED: _____

AUG 30TH 24 HRS WOI

AUG 31ST GOT ON LOCATIONS, BLEED PRESSURE FROM UNDER RAMS, NOFF LOCATION ^{THEN FORGOT}

SEPT 1ST GOT BACK ON LOCATION, DRILLED 38' THEN WERE FORCED OFF LOCATION.

SEPT 2ND 24 HRS WOI

FORECAST NO CHANGE

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

AREA FILE 8

Y0871 #1

Elevation KB to MSL	38.4
Water Depth	117

Prog. Depth 10000
 Present Depth 8572
 Footage Drilled 0
 Size & Depth of Last Casing:

Day Number 37
Est. Days 34
Days +/- -15
9 5/8 " 7943

>1.0 HRS-WAIT ON ICE
1.0 HRS-UNLATCH AND PULL LMRP-SHEAR AND RETRIEVE GUIDE LINES
3.0 HRS-PULL ANCHORS-PULLED #4 ANCHOR FIRST AT 01:57 HRS. PULLED #2 ANCHOR
LAST AT 05:19 HRS [9-01-86]
19.0 HRS-WAIT ON ICE-A LONG THIN STREAMER OF HEAVY FIRST YEAR ICE PASSED
OVER THE LOCATION ALMOST CONTINUOUSLY ALL DAY. THE FLOW WAS
WESTERLY AT ABOUT 1.1 TO 1.8 KTS.

PERSONNEL ON BOARD 93

CONFIDENTIAL

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
Pump Pressure @ Kill Speed: #1 1200PSI @ 50SPM, #2 1150PSI @ 50SPM Last BOP Test: 08/31/88

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E /

Daily

COST DATA
RECEIVED
OCS DISTRICT OFFICE

Daily
Cumula

Author MINERALS MANAGEMENT SERVICE
(+/-) ANCHORAGE, ALASKA

Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Pt
13	8.5	FDT	EV8801	3-10'S		8534		-8534		

[B] 8.5" BIT, BIT SUB, 6.5"DC, XO, MWD(ANADRILL), FILTER SUB, XO, 6.5"DC, STAB,
[H] MWD(BAROID), 6.5" LEAD COLLAR, 2-6.5"DC, STAB, 4-6.5"DC, STAB, 4-6.5"DC,
[A] STAB, 4-6.5"DC, STAB, 3-6.5"DC, 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	
M	10.9	.566	42	18 /11	4 /10	9.3	1	6.4	16.8/		
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	NONE.
D	0.1/1.7	0.4	10000	520	TR %	14	0	20			

Y0871 #11

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/GROTE
 Present Activity WAITING ON ICE.

Elevation KB to MSL 36.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 38
Lease OCS-Y 871	Present Depth 8572	Est. Days 34
Well Number # 1	Footage Drilled 38	Days +/- -14
Work Order # 266121	Size & Depth of Last Casing:	9 5/8" " @ 7043'

SUMMARY
 OF
 OPERATIONS

3.0 HRS-POOH-CHANGE BHA-RIH TO 7760'
 0.5 HRS-PULL WEAR BUSHING-RUN TEST PLUG
 1.5 HRS-TEST SUB SEA BOP-TEST UPPER AND LOWER ANNULAR PREVENTERS TO 3500
 PSI, TEST UPPER AND LOWER PIPE RAMS AND ASSOCIATED VALVES TO 5000
 1.0 HRS-PULL TEST PLUG-RUN WEAR BUSHING
 1.0 HRS-LAY DOWN 18 SINGLES-RIH WITH 6 STANDS.
 1.0 HRS-CIRCULATE BOTTOMS UP
 8.0 HRS-WASH AND REAM TO TD-HAD BRIDGE AND TIGHT SPOT AT 8118' AND TIGHT
 SPOT AT 8510' [BIT DEPTH]
 2.0 HRS-DRILLED FROM 8534' TO 8572'-STOPPED DRILLING AT 1810 HRS. [8-31-86]
 DUE TO ICE-PREPARE TO DISCONNECT
 1.5 HRS-PULL 15 STANDS-PICK UP SAFETY VALVE, INSIDE PREVENTERS AND HANG
 OFF TOOL-HANG OFF AND DISPLACE RISER WITH SEA WATER-PULL HANG OFF

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1150PSI @ 50 SPM Last BOP Test: 08/31/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Directic
CONFIDENTIAL						TVD	Sec	N / S E /

TIME	Rotating	2.00 Trips	3.00 Survey	Jet
(HRS)	Cum. Rot 115.50 D.D.	C & C 1.00	Cut DL	
	BHA Insp 2.00	Reamg. 8.00	Repair	Other 10.00

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12	85	357	3100		/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA	270	40-50	100-130		/

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SEP 2 1986

Author MINERALS MANAGEMENT SERVICE
 (+/-) ANCHORAGE, ALASKA

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Rt.
T	13	8.5	FDT	EV8801	3-10'S	INC	8534	8572	38	2.00	

B 8 1/2 BIT, BIT SUB, 6 1/2" DC, X-O, MWD (ANADRIL), FILTER SUB, X-O, 6 1/2DC,
 H STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 2 DC'S, STAB, 4 DC'S, STAB, 4 DC'S.
 A STAB, 4 DC'S, STAB, 3 DC'S. 1-HWDP, JARS, DART SUB, 3-HWDP.

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
11.0	.572	43	18 / 11	4 / 11	9.2	1	6.2	16.5/150	10 VC-10
U	PI/MI	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.
D	.1 / 1.8	.4	10000	530	TRC%	14	0	17.5	

RUNNING TOOL. [HUNG OFF AT 1900 HRS. 8-31-88]

1.0 HRS-PULL DIVERTER-UNLATCH AND PULL LMRP

1.5 HRS-REPLACE 7 SEAL SUB "O" RINGS ON KIDNEY PLATE YELLOW POD.

1.0 HRS-RUN LMRP-LATCH ON-TAKE 30,000# OVER PULL

[THE HEAVY PART OF THE ICE FLOW PASSED JUST OUTSIDE ANCHOR BOUY'S]

1.0 HRS-STAND BY FOR ENCROACHING ICE-MORE ICE WAS DETECTED MOVING TOWARD
THE DRILL SHIP-APPX. 3 MI EAST OF THE SHIP, THE FLOW IS 1 MI. WIDE
WITH 5/10 TO 9/10 ICE COVERAGE. ON ITS PRESENT PATH THE ICE WILL
CROSS OVER THE ANCHOR BOUY'S.

WEATHER: TEMP 0C, CEILING 400', VISIBILITY 1 MI. [FOG], WIND 090 AT 19 KTS,
BAR 1009.3

PERSONNEL ON BOARD 04

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08/30/86

23:11

SEAL ISLAND

NO. 012

001

DATE 08/31/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II

Shell Drilling Foreman BROWNING/GROTE

Present Activity WAITING ON ICE.

Elevation KB to MSL 98.4

Water Depth 117

Field CORONA

Lease OCS-Y 871

Well Number # 1

Work Order # 266121

Prog. Depth 10000

Present Depth 8534

Footage Drilled 0

Size & Depth of Last Casing:

Day Number 35

Est. Days 34

Days +/- -13

9 5/8" @ 7943'

SUMMARY

OF

OPERATIONS

6.5 HRS. WO ICE. A STRIP OF ICE .5 MI. LONG BY 8 MI. LONG OVER LOCATION.

3.0 HRS. ON LOCATION. RAN ANCHORS 1,2,3,6, & 7. FIRST ANCHOR, #3. RUN AT

08:41 HRS. 8-30-86. FOURTH ANCHOR RUN AT 09:40 HRS.

3.0 HRS. ICE MOVING ACROSS LOCATION TO FAST TO RUN ANCHORS.

2.5 HRS. RUN ANCHORS 4,5, & 8. PRETENSION ANCHOR LINES & MOVE OVER WELL.

2.0 HRS. RAN LMRP. JUMPED DIVERS. HOOK UP GUIDE LINES. TOOK FINAL POSITION.

LATCH LMRP & TEST PULL 30,000#. OK.

1.0 HR. TEST CHOKE AND KILL LINES. CHOKE OK BUT KILL WOULD NOT TEST. THRU

CHOKE LINE, HAD 40 PSI UNDER BLINDS & 900 PSI UNDER PIPE RAMS. BOTH
BLED OFF PROMPTLY.

2.5 HRS. PULL LMRP. REPLACE WASHED OUT BRASS SEAL RING IN KILL LINE GOOSE

NECK. RERUN LMRP. LATCH ON TO STACK. TOOK 30,000# OVERPULL. OK.

0.5 HR. TEST CHOKE AND KILL LINES W/ 5,000 PSI. OK. FILL RISER W/ MUD.

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date: 1

Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
CONFIDENTIAL						TVD	Sec	N / S E /

TIME	Rotating	Trips	Survey	Jet	COST DATA			
	Cum. Rot	113.50 D.D.	C & C	Cut DL	RECEIVED			
(HRS)	BHA Insp	0.00 Reamg.	Repair	Other 24.00	Daily	OCS DISTRICT OFFICE		
					Cumuli			
HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV	
DATA	8.0	12					/	
DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Auth	GENERAL MANAGEMENT SERVICE	
DATA					/	(+/-)	ANCHORAGE, ALASKA	

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft
I											
T	13	8.5	FDT	EV8801	3-10'S	INC	8534		-8534		
S											

B	8 1/2 BIT. BIT SUB, 1-6 1/2" DC, X-0, MWD (ANADRIL), FILTER SUB,										
H	X-0, 1-6 1/2" DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S,										
A	1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.										

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	11.0	.572	50	23 / 14	4 / 12	9.0	1	6.0	16.4 /	
	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.05/1.5	0.3	9000	600	TR %	14	0	20.0		

08/30/86
DATE 08/31/86

23:12

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NO. 012

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SHELL WESTERN B&P INC DAILY DRILLING REPORT

PAGE 2 OF 2

2.0 HRS. CLOSE LOWER HYDRIL & OPEN BLIND RAMS. RIG W/ DP AND SCREW INTO
HANG-OFF STRING. CLOSE LOWER HYDRIL. CIRCULATE 100 BBL MUD DOWN
DP AND OUT KILL LINE. P/U DP AND OPEN PIPE RAMS AND HYDRIL. CIRC
70 BBLs THE LONG WAY. CHECK FOR FLOW. OK. ANADRIL AND MWD OK.
1.0 HRS- POOH TO BAROIL MWD AND SET. GIL P/U STABILIZERS. SET HANG-OFF
TOOL BACK AT 2300 HRS. 8-30-86

WEATHER: TEMP 2.2C, WIND 010 AT 10 KTS, CEILING 0. VISIBILITY 1/4 MI [FOG]
BAR 1010.8

PERSONNEL ON BOARD 93

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CONFIDENTIAL

DATE 08/30/86

SHELL WESTERN OIL AND GAS DRILLING

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/GROTE
 Present Activity WAITING ON ICE.

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA Prog. Depth 10000 Day Number 34
 Lease OCS-Y 871 Present Depth 8534 Est. Days 34
 Well Number # 1 Footage Drilled 0 Days +/- -12
 Work Order # 268121 Size & Depth of Last Casing: 9 5/8" " @ 7943'

SUMMARY

OF

OPERATIONS

24.0 HRS-WAITING ON ICE-THE ICE DID NOT CLEAR BY 8 AM AS EXPECTED. THE WIND INCREASED STEADILY ALL DAY FROM 20+ TO 30 KNOTS AND THE DIRECTION HAS SWUNG FROM 65 AROUND TO 100 DEGREES AND IS STILL TURNING TOWARD THE SOUTH. THIS COMBINATION CAUSED A LARGE SECTION OF HEAVY FLOES TO PEEL OFF OF THE PACK ICE AND COME TOWARD THE RIG. IT WAS SEEN ON THE ICE RECON AT 10:30 AM. IT PASSED THE RIG BY AFTERNOON. BUT BY THEN THE WIND HAD INCREASED, ICE DRIFT RATE WAS UP TO 2.3+ KNOTS AND EVEN THE SMALLER ICE WAS A HAZARD. BY REPORT TIME WE STILL HAVE LOTS OF ICE IN A THIN LINE PASSING OVER THE LOCATION FROM ALONG THE COAST. WE ARE NOW WAITING FOR THE DRIFT RATE TO DECREASE SO IT WILL BECOME SAFE TO ANCHOR UP.

WX: WIND 30 KTS. @ 100 DEG. BROKEN CLOUDS. NO PREC., TEMP 2C, ICE COVER 0.1, VIS. 20 MI., BAR. 1009.4. PERSONNEL ON BOARD 91.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E /

TIME | Rotating | Trips | Survey | Jet
 | Cum. Rot 113.50 D.D. | C & C | Cut DL
 (HRS) | BHA Insp 0.00 Reamg. | Repair | Other 24.00

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | RHP | AV / CV
 DATA | 6.0 | 12 | | | | | /

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn
 DATA | | | | | /

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MINERALS MANAGEMENT SERVICE
 Author: ANCHORAGE, ALASKA
 (+/-) ---

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/
I											
T	13	8.5	FDT	EV8801	3-10'S	INC	8534		-8534		
S											

B 8 1/2 BIT, BIT SUB, 1-6 1/2" DC. X-O. MWD (ANADRIL). FILTER SUB.
 H X-O. 1-6 1/2" DC. STAR. MWD (BAROID). 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S.
 A 1-HWDP. JARS. 1-HWDP. DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	11.0	.572	50	24 / 14	4 / 12	9.0	1	6	16.4/	
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Line
D	.05/1.8	0.3	0000	620	TR &	14	0	20		NONE.

Rig Name EXPLORER II
Shell Drilling Foreman BROWNING/GROTE
Present Activity WAITING ON ICE.

Elevation KB to MSL	38.4
Water Depth	117

Field CORONA
Lease OCS-Y 871
Well Number # 1
Work Order # 266121

Prog. Depth 10000
Present Depth 8534
Footage Drilled 0
Size & Depth of Last Casing:

Day Number 33
Est. Days 34
Days +/- -11
9 5/8" " ● 7943'

24.0 HRS-WAITING ON ICE-MADE HELICOPTER RECON FLIGHT AT 1400 HRS-HAD ICE
COVERAGE RANGING FROM 3/10 TO 10/10 FOR 14 MILES EAST OF LOCATION.
FROM 14 TO 20 MILES HAD RELATIVELY OPEN WATER-OPEN WATER ESTIMATED
AT DRILL SITE BY 0800 HRS. 8-29-86.

SUMMARY

OF

CONFIDENTIAL

OPERATIONS

WEATHER: TEMP -1C, WIND 070 AT 22KTS, CEILING 500' BROKEN, VIS 7 MI. (LIGHT SNOW SHOWERS), BAR 1015.3
PERSONNEL ON BOARD 90

Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

[illegible]

TIME	Rotating	Trips	Survey	Jet
	Cum. Rot	113.50 D.D.	C & C	Cut DL
(HRS)	BHA Insp	0.00 Reang.	Repair	Other 24.00

COST DATA

Daily Mud	\$	400
Cumulative Mud	\$	348795
Daily Well	\$	52487
Cumulative Well	\$	51014302

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized	\$ 72000000
DATA					/	(+/-) Target	\$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T S	13	8.5	PDT	EV6801	S-10'S	INC	8534		-8534		

B | 8 1/2 BIT, BIT SUB, 1-6 1/2" DC, X-O, MWD (ANADRIL), FILTER SUB.
H | X-O, 1-6 1/2"DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S,
A | 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
	11.0	.572	50	25 /14	4 /12	9.0	1	6.0	16.2/150	
	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.05/1.6	.3	9000	600	TRC%	14	0	20.0		

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

REPORT DATE: 8 / 28 / 86

LEASE NO.: 1/0 871

WELL NO.: 1

OPERATOR: SHIELL SWIFT

DRILLING DEPTH: 8534' (CIS 3400)
(197943)

FOOTAGE: _____

MUD WT. (PPG): _____ VIS: _____ PH: _____

PRESENT OPERATIONS: _____

PRINCIPAL WORK ACCOMPLISHED: WOI

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

1/0871 #1
#8 AREA

DATE 08/28/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/WELLS
 Present Activity WAITING ON ICE.

CONFIDENTIAL

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 32
Lease OCS-Y 871	Present Depth 8534	Est. Days 34
Well Number # 1	Footage Drilled 0	Days +/- -10
Work Order # 266121	Size & Depth of Last Casing:	9 5/8" " @ 7943'

24.0 HRS. WAITING ON ICE. MADE HELICOPTER RECON ABOUT 19:00 HRS. AFTER FOG
 LIFTED SOMEWHAT. STILL QUITE A FEW VERY LARGE MULTI-YEAR ICE FLOES
 DRIFTING IN TOWARD THE LOCATION FROM 2 TO 19 MILES EASTWARD.

SUMMARY

OF

OPERATIONS

ICE: 4/10'S (AT LOC) MOVING 267 DEGS AT 0.7 KTS AT RPT TIME.
 WX: CEILING 300', VIS 2 MI/FOG, WIND 080 DEG AT 20 KTS., TEMP. 1C, BAR 1240
 POB: 88

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

TIME	Rotating	Trips	Survey	Jet					
	Cum. Rot	113.50 D.D.	C & C	Cut DL					
(HRS)	BHA Insp	0.00 Reamg.	Repair	Other 24.00	Dail				30
					Cumu				35
HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV	Dail	17
DATA	6.0	12					/	Cumu	15
DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Auth			10
DATA					/	(+/-, -----)			

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H:
I											
T	13	8.5	FDT	EV8801	3-10'S	INC	8534		-8534		
S											

B 8 1/2 BIT, BIT SUB, 1-6 1/2" DC, X-O, MWD (ANADRIL), FILTER SUB.
 H X-O, 1-6 1/2" DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S,
 A 1 HWDP, JARS, 1 HWDP, DART SUB, 3 HWDP.

	PPG	Grad	Via	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.9	.586	47	23 / 14	4 / 12	9.0	1	8.0	16.3/150	NONE.
U	Pf/Mf	Pm	Cl	Cm	Sand	Solids	Oil%	MRT	Sulf	Time
D	.1 / 1.5	.8	10300	640	TR %	14	0	20.0		

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DAILY DRILLING REPORT

REPORT DATE: 8-27-86

LEASE NO.: Y0871

WELL NO.: 1

OPERATOR: SHELL (SWGPR)

DRILLING DEPTH: _____

FOOTAGE: _____

MUD WT. (PPG): _____

VIS: _____

PH: _____

PRESENT OPERATIONS: _____

PRINCIPAL WORK ACCOMPLISHED: _____

24 Hours WOI

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

APPENDIX

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

Rees

REPORT DATE: 8 26 86

LEASE NO.: 871

WELL NO.: 1

OPERATOR: _____

DRILLING DEPTH: _____

FOOTAGE: _____

MUD WT. (PPG): _____

VIS: _____

PH: _____

PRESENT OPERATIONS: WOI

PRINCIPAL WORK ACCOMPLISHED: _____

- DEPLOYED 8 ANCHORS
- RETRIEVED 4 ANCHORS BY MIDNIGHT 8-25-8
- " REMAINING 4 ANCHORS BY MORNING OF 8-26-8
- OFF LOCATION DUE TO ICE

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

AREA FILE

8-1

Y0871 #1

PAGE 1 OF 1

Elevation KB to MSL	38.4
Water Depth	117

Prog. Depth 10000
Present Depth 8534
Footage Drilled 0
Size & Depth of Last Casing:

209

Day Number 30
Est. Days 34
Days +/- -8
9 5/8" " @ 7843' "

OPERATIONS

ICE: 3/10'S (AT LOC) MOVING 295 DEGS AT .5 KTS AT RPT TIME.
WX: CELING 500' VIS 15 MI, WIND 080 DEG AT 8 KTS. TEMP -1C.
POB: 95

PROPRIETARY

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

TIME	Rotating		Trips		Survey		Jet
	Cum. Rot	113.50	D.D.		C & C		Cut DL
(HRS)	BHA Insp	0.00	Reang.		Repair		Other 24.00

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OCS DISTRICT OFFICE

HYDRAULIC DATA	Liner 6.0	Stroke 12	SPM	GPM	PSI	MHP	AV / CV /
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DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn /
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Auth (+/-) MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H
I T S	13	8.5	FDT	EV8801	3-10'S	INC	8534		-8534		

B | 8 1/2 BIT, BIT SUB, 1-6 1/2" DC, X-0, MWD (ANADRIL), FILTER SUB,
H | X-0, 1-6 1/2"DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S,
A | 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.9	.566	47	24 /14	4 /12	9.0	1	6.2	16.0/150	
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.1 /1.4	.8	10400	680	TR %	14	0	20.0		
113 TOTAL HRS WITHOUT CIRC MUD AT RPT TIME.										

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

REPORT DATE: 8-25-86 9:05 AM.

LEASE NO.: Y0871 #1

WELL NO.: 1

OPERATOR: _____

DRILLING DEPTH: _____

FOOTAGE: _____

MUD WT. (PPG): _____

VIS: _____

PH: _____

PRESENT OPERATIONS: WOI (WAITING ON ICE)

PRINCIPAL WORK ACCOMPLISHED: _____

OFF LOCATION FOR THE LAST 72 HRS

probably WILL STILL BE OFF LOCATION FOR THE NEXT
24 HOURS.

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

ATTACHED 8
Y0871 #1

07/04/86

19:08

NO. 007

001

DATE 08/25/86

SHE ~~WESTERN~~ E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman FOX/WELLS
 Present Activity WAITING ON ICE.

CONFIDENTIAL

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA
 Lease OCS-Y 871
 Well Number # 1
 Work Order # 266121

Prog. Depth 10000
 Present Depth 8534
 Footage Drilled 0
 Size & Depth of Last Casing:

Day Number 29
 Est. Days 34
 Days +/- -7
 9 5/8" " @ 7943'

24.0 HRS-WAITING ON ICE. GEN MAINT.

TEST CHOKE MANIFOLD/STANDPIPE VALVES/KELLY VALVES PER MMS AND SAFE PRACTICES

SUMMARY

OF

PROPRIETARY

OPERATIONS

ICE: 7/10'S COVERAGE MOVING 100 DEGS AT .3 KTS(1.0 NM SE OF LOC)
 WX: CELING 800' VIS 7 MI, WIND 286 DEG AT 13 KTS. TEMP -1C.
 POB: 95

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

TIME	Rotating	Trips	Survey	Jet
(HRS)	Cum. Rot 113.50	D.D.	C & C	Cut DL
	BHA Insp 0.00	Reang.	Repair	Other 24.00

RECEIVED
 OCS DISTRICT OFFICE

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12					/

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AUG 25 1986

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA					/

Author (+/-)
 MINERALS MANAGEMENT SERVICE
 ANCHORAGE, ALASKA

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H:
I											
T	13	8.5	FDT	EV8801	3-10'S	INC	8534		-8534		
S											

B 8 1/2 BIT, BIT SUB, 1-6 1/2" DC, X-O, MWD (ANADRIL), FILTER SUB,
 H X-O, 1-6 1/2"DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S,
 A 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.9	.566	47	24 /14	4 /12	9.0	1	6.0	16.1/150	
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.1 /1.5	.9	10300	700	TR %	14	0	20.0		

MUD NOT CIRC LAST 24 HRS.

Elevation KB to MSL	38.4
Water Depth	117

Prog. Depth 10000
Present Depth 8534
Footage Drilled 0
Size & Depth of Last Casing:

Day Number	28
Est. Days	34
Days +/-	-6
9 5/8" " @	7943'

24.0 HRS-WAITING ON ICE. GEN MAINT.

PROPRIETARY

OF

OPERATIONS

ICE: 8/10'S COVERAGE MOVING 075 DEGS AT .4 KTS(0.6 NM SE OF LOC)
WX: CELING 800' VIS 15 MI, WIND CALM, TEMP 0 DEG C.
POB: 98

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM Last BOP Test: 08/18/84

Directional Surveys						Coordinates of Last Shot			
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction	
						TVD	Sec	N / S	E / W

TIME	Rotating	Trips	Survey	Jet
	Cum. Rot	113.50 D.D.	C & C	Cut DL
(HRS)	BHA Insp	0.00 Reamg.	Repair	Other 24.00

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 Dail AUG 25 1986
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HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	8.0	12					/

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn /
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MINERALS MANAGEMENT SERVICE
(+/-) ANCHORAGE, ALASKA

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Pt/I
T S	13	8.5	FDT	EV8801	3-10'S	INC	8534		-8534		

B | 8 1/2 BIT, BIT SUB, 1-6 1/2" DC, X-O, MWD (ANADRIL), FILTER SUB,
H | X-C, 1-6 1/2" DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S,
A | 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/VP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.9	.366	47	24 /13	4 /12	9.0	1	5.8	18.8/150	
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.1 /1.4	.9	10400	680	TR %	14	0	20.0		

MUD NOT CIRC LAST 24 HRS.

DATE 08/23/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman FOX/WELLS
 Present Activity WAITING ON ICE.

CONFIDENTIAL

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 27
Lease OCS-Y 871	Present Depth 8534	Est. Days 34
Well Number # 1	Footage Drilled 0	Days +/- -5
Work Order # 266121	Size & Depth of Last Casing:	9 5/8" " @ 7943'

24.0 HRS-WAITING ON ICE. GEN MAINT.

SUMMARY

OF

OPERATIONS

ICE: 8/10'S TO 9/10'S COVERAGE MOVING 090 DEGS AT .5 KTS(1.55 NM SSW OF LOC)
 WX: CELING 500' VIS 3-5 MI IN LIGHT SNOW, WIND 290 DEG AT 15KTS W/GUST T/20
 TEMP -1C.
 POB: (PEOPLE ON BOARD) 100.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction

TIME	Rotating	Trips	Survey	Jet
(HRS)	Cum. Rot 113.50	D.D.	C & C	Cut DL
	BHA Insp 0.00	Reamg.	Repair	Other 24.00

RECEIVED
 OCS DISTRICT OFFICE

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12					/

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 MINERALS MANAGEMENT SERVICE
 Authori ANCHORAGE, ALASKA
 (+/-) T

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA					/

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H
I											
T	13	8.5	FDT	EV8801	3-10'S	INC	8534		-8534		
S											

B 8 1/2 BIT, BIT SUB, 1-6 1/2" DC, X-O, MWD (ANADRIL), FILTER SUB.
 H X-O, 1-6 1/2"DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S.
 A 1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.9	.566	49	23 / 15	4 / 12	9.0	1	5.8	16.0/150
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.
D	.1 / 1.3	.9	10500	680	TR %	14	0	20.0	

SAMPLE FROM PIT.

07/01/86

19:54

NO. 015

001

Dee

DATE 08/22/86

WESTERN E&P INC DAILY DRILL REPORT

PAGE 1 OF 1

Rig Name EXPLORER II

Shell Drilling Foreman FOX/WELLS

Present Activity

WAITING ON ICE.

CONFIDENTIAL

Elevation KB to MSL 38.4

Water Depth 117

Field CORONA

Lease OCS-Y 871

Well Number # 1

Work Order # 268121

Prog. Depth 10000

Present Depth 8534

Footage Drilled 99

Size & Depth of Last Casing:

Day Number 26

Est. Days 34

Days +/- -4

9 5/8" " @ 7943'

SUMMARY

OF

OPERATIONS

4.0 HRS-DRLG F/8435' T/8534' W/BIT #12.

7.0 HRS-LOST PUMP PSI, SURF EQUIP OK. CHECK F/FLOW, NONE. POH F/WASH-OUT FOUND AT BOX OF 9TH JT OF HWDP. FINISH POH, CNG BIT.

7.0 HRS-LARIMER INSPECTION SERVICE INSP BHA AS RAN IN HOLE; CNG OUT 4- 6.5" DC'S, CNG OUT 2 JTS OF HWDP PLUS LEFT OUT 6 MORE BAD HWDP. REFACED THE REMAINING 5 HWDP IN STRING. TIH T/1477'. ICE ALERT CALLED AT 1800 HRS BY CAPTAIN RON COLBY. (ON ICE TIME AT 1800 HRS)

6.0 HRS-HANG OFF BHA, 4 STDS AND DBL OF DP. (1477') SET ON SPIDER BEAM AT 1945 HRS; 1ST ANCHOR UP AT 1900 HRS, 8TH (LAST) ANCHOR UP AT 2149. ICE: AT 1440 HRS THE ROBERT LEMURE REPORTED 4/10TH ICE 7 NM NNW MOVING 147 DEG AT 1.2 KTS. AT 1750 HRS REPORTED LARGE, UNMANAGEABLE FLOES 2 NM NNW MOVING 160 DEG AT .92 KTS. 7/10 ICE. NOTE: WIND HAS BEEN FROM NNW AT UP T/50KTS LAST 24 HRS. NOW, 30KTS AT 290 DEG. TEMP 4C CLG 1K, VIS 8MI.

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date: 1

Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM

Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
8469	2.16							
PROPRIETARY								
						TVD	Sec	N / S E / W

TIME	Rotating	4.00 Trips	14.00 Survey	Jet
	Cum. Rot	113.50 D.D.	C & C	Cut DL
(HRS)	BHA Insp	0.00 Reamg.	Repair	Other 6.00

RECEIVED

OCS DISTRICT OFFICE

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12	104	435	4186		/

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AUG 22 1986

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA	280K	50-55	110-130	400-550 A	/

MINERALS MANAGEMENT SERVICE
Authc ANCHORAGE, ALASKA
(+/-)

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H.
I											
T	12	8.5	FDT	EV8809	3-10'S	2-4-I	8204	8534	330	13.50	24.
S	13	8.5	FDT	EV8801	3-10'S	INC	8534		-8534		

B	8 1/2 BIT, BIT SUB, 1-6 1/2" DC, X-O, MWD (ANADRIL), FILTER SUB,
H	X-O, 1-6 1/2" DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S,
A	1-HWDP, JARS, 1-HWDP, DART SUB, 3-HWDP.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.9	.566	47	22 /14	5 /12	9.0	1	6.0	15.8/150	10 VC-10
U	Pf/Mf	Pm	C1	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.1 /1.3	1.0	10600	640	TR %	14	0	20.0		10 RESINEX

APPROX

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

802

REPORT DATE: 8/20/86 (UPDATE) 10:AM.

LEASE NO.: 871

WELL NO.: 1

OPERATOR: SWEP I

DRILLING DEPTH: 8250

FOOTAGE: ~~250~~

MUD WT. (PPG): _____

VIS: _____

PH: _____

PRESENT OPERATIONS: DRILLED TO 8250

LOST 400 PSI GRADUALLY DUE TO WASH OUT
TRIPPING OUT OF HOLE FOR NEW BIT.

PRINCIPAL WORK ACCOMPLISHED: _____

RECEIVED
Anchorage, Alaska

AUG 20 1986

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

ATTACHED 871 #1
→ 8-1

DATE 08/21/86

SH WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II

Shell Drilling Foreman FOX/GROTE

Present Activity

DRILLING AHEAD

PROPRIETARY

Elevation KB to MSL 38.4

Water Depth 117

OCS DISTRICT OFFICE

Field CORONA

Lease OCS-Y 871

Well Number # 1

Work Order # 266121

Prog. Depth 10000

Present Depth 8435

Footage Drilled 335

Size & Depth of Last casing 9 5/8" 7943'

AUG 21 1986 Day Number 25

Est. Days 34

Days / - 4

ANCHORAGE, ALASKA

SUMMARY

3.0 HRS-DRILL 8100' TO 8175'

0.5 HRS-MAKE 3 STAND SHORT TRIP-NO TIGHT SPOTS-HELD BOP DRILL

1.0 HRS-DRILL 8175' TO 8204'-LOST 500 PSI PUMP PRESSURE-CHECK ALL SURF EQUIP

4.0 HRS-POOH-LOOKING FOR WASHOUT-CHAIN OUT-FOUND WASHOUT BETWEEN 4TH AND 5TH JOINT OF HWDP.

OF 2.5 HRS-INSPECT BHA-LAY DOWN 2 WASHED OUT HWDP-LAY DOWN 2 GALLED DC'S

3.0 HRS-RIH

7.0 HRS-DRILL 8204' TO 8393'-HAD GAS CUT MUD WT OF 10.7 PPG.

OPERATIONS 0.5 HRS-MAKE 5 STD SHOR TRIP-NO TIGHT SPOTS-GAS CUT MUD ON BU OF 10.8 PPG

2.5 HRS-DRILL 8393' TO 8435'

WEATHER; TEMP 5, WIND 200 AT 8 KTS. CEILING 1000' BROKEN. VISIBILITY 15 MI,

BAR 1010.0 ICE 2/10 WITH SLIGHT EASTERLY DRIFT-PERSONNEL 97

NOTE; TODAY'S COST INCLUDE \$361,466 LOGGING AND \$59,774 CEMENTING COSTS.

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date: 1

Pump Pressure @ Kill Speed: #1 1200PSI @ 50 SPM #2 1225PSI @ 50 SPM Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
8067	1.7	16.8				8257	1.7	15.1
CONFIDENTIAL								
						TVD	Sec	N / S E / W

TIME	Rotating	13.50 Trips	7.00 Survey	Jet
(HRS)	Cum. Rot	109.50 D.D.	C & C	Cut DL
	BHA Insp	9.50 Reang.	Repair	Other 3.50

COST DATA

Daily Mud	\$	7485
Cumulative Mud	\$	34473
Daily Well	\$	50929
Cumulative Well	\$	5042773

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12	104	435	4186		/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized	\$	72000000
DATA	280K	50-55	110-130	400-550 A	/	(+/-) Target	\$	

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H
I											
T	11	8.5	SDS	EX0330	3-10'S	3 3 I	8025	8204	179	7.50	23
S	12	8.5	FDT	EV8809	3-10'S	INC	8204	8435	231	9.50	24

B 8 1/2 BIT, BIT SUB, 1-6 1/2" DC, X-O, MWD (ANADRIL), FILTER SUB,
H X-O, 1-6 1/2" DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S,
A 1-HWDP, JARS, 1-HWDP, DART SUB, 9-HWDP.

	PPG	Grad	Via	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.9	.566	45	23 / 21	5 / 18	9.0	1	6.2	18.1/150	106 BARITE
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Line
D	.1 / 1.4	1.2	10200	640	TRC%	14	0	20.0		10 MAX PAC
										13 VC-10
										20 RESINEX

OCS-Y 871 #
DISTRICT
F/R -9

PRIVATE & CONFIDENTIAL

Rig Name EXPLORER II
Shell Drilling Foreman FOX/GRUE
Present Activity DRILLING AHEAD

Elevation KB to MSL 38.4
Water Depth 117

Field CORONA
Lease OCS-Y 871
Well Number # 1
Work Order # 266121

Prog. Depth 10000
Present Depth 8100
Footage Drilled 100
Size & Depth of Last Casing:

Day Number 24
Est. Days 34
Days +/- -3
9 5/8" " 7043'

SUMMARY
1.0 HRS-WASH AND REAM TO TD-DRILL TO 8017'
1.0 HRS-DID LEAKOFF TEST-HAD EQUIVALENT MUD WEITHT OF 16.7 PPG
2.0 HRS-DRILL 8017' TO 8025'-HIGH TORQUE, LOW PENETRATION RATE & ROUGH DRLG
3.5 HRS-POOH-BIT WAS LOCKED WITH 2 "WEDGE-BULLETS" JAMMED IN BIT
1.0 HRS- PICK UP TRI-STATE REVERSE CIRCULATING JUNK BASKET
3.0 HRS-RIH
1.0 HRS-MAKE APPX. 20" WITH BASKET- TO 8026'
3.0 HRS-POOH
OPERATIONS 0.5 HRS-LAY DOWN REVERSE CIRCULATING BASKET-RECOVERED 7 "WEDGE-BULLETS"
AND 18" CORE
1.5 HRS-CHANGE OUT ANADRIL MWD
2.5 HRS-RIH

PROPRIETARY

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
Pump Pressure @ Kill Speed: #1 1350PSI @ 40 SPM #2 1225PSI @ 40 SPM Last BOP Test: 08/18/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						8003	1.8	21.3
						TVD	Sec	N / S E / W

TIME Rotating 3.50 Trips 6.50 Survey Jet
Cum. Rot 106.00 D.D. C & C Cut DL
(HRS) BHA Insp 106.00 Reang. 0.50 Repair Other 13.50

HYDRAULIC Liner Stroke SPM GPM PSI HHP AV / CV
DATA 6.0 12 74 310 4200 /

DRILLING Hook Load Bit Weight RPM Torque Drag Up/Dn Authori
DATA 275K 30-40 160 250-400 A / (+/-) T

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H
I											
T	10	8.5	SDS	EX0399	3-10'S	LOCKED	8000	8025	25	2.00	12
S	11	8.5	SDS	EX0330	3-10'S	INC	8025	8100	75	3.50	21

B 8 1/2 BIT, JUNK SUB, BIT SUB, 1-6 1/2" DC, X-O, MWD (ANADRIL), FILTER SUB.
H X-O, 1-6 1/2"DC, STAB, MWD (BAROID), 6 1/2" LEAD COLLAR, 17-6 1/2" DC'S.
A 1-HWDP, JARS, 1-HWDP, DART SUB, 9-HWDP.

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
10.9	.566	51	22 /19	6 /26	9.0	1	7.2	17.4/150	250 BARITE
Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D .2	/1.3	1.7	9000	580	TRC%	14	0	20.0	6 RESINEX
									8 XCD
									16 MAX PAC
									4 BI CARB

8-1
Y0871#1

0.5 HRS-WASH WORK ON JUNK
3.5 HRS-DRLG 8026' TO 8100'

WEATHER: TEMP 4.5, WIND 270 AT 14 KTS, CEILING 1500' BROKEN, VIS 15 MI,
BAR 1020.8 TRACE OF ICE MOVING EASTERLY
PERSONNEL 101

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PROPRIETARY

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DAILY DRILLING REPORT

RECEIVED

Anchorage, Alaska

AUG 19 1986

REPORT DATE: 8/19/86

LEASE NO.: 40871

WELL NO.: 1

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

OPERATOR: SWEPI

DRILLING DEPTH: ± 8000

FOOTAGE: _____

MUD WT. (PPG): 10.8 VIS: 48 PH: 9.0

PRESENT OPERATIONS: DRILLED OUT AFTER MIDNIGHT

LEAK OFF TEST 16.6 PPG EMW

CLEAN HOLE

PRINCIPAL WORK ACCOMPLISHED: _____

LANDED SHOC AT 7943'

CEMENTED WITH 1800 SXS 15.8 PPG, FULL RETURNS

CIP 5:30 AM.

ACTIVATED PACK-OFF SEAL AND TESTED SANG TO 5000 PSI

TESTED BOP- AND CSG

DRILLED FLOAT COLLAR AFTER 14 RND CEMENT

STILL GREEN, WAITED ADDITIONAL 3 HRS.

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

PROBABLY WILL DRILL TO 9200', LOC

AND PXA.

WILL PROBABLY BE LOGGING ABOUT FRI/SAT OF

THIS WEEK. PXA THEN BE READY TO

MOVE TO BELCHER.

0871
8-1

2.0 HRS-RIH-TAG CEMENT AT 7853'

1.0 HRS-DRILL FLOAT SHOE AT 7859' AND SOFT CEMENT TO 7893'

3.8 HRS-WOC-WHILE WOC, CIRC AND COND MUD WT. TO 10.8 PPG-LAY DOWN EXCESS
DRILL PIPE AND 7 3/4" DRILL COLLARS.

1.0 HRS-DRILL CEMENT WITH 15-20K ON BIT, 80 RPM AND 85 SPM-DRILLING FLOAT
SHOE AT REPORT TIME.

NOTE; RELEASED THE ICE BREAKER KIGORIAK AT 14:30 HRS. 8-18-86

WEATHER; TEMP 4, WIND 26 KTS AT 270, CEILING 2000 BROKEN, VISIBILITY 16 MI,
BAR 1013.9, TRACE OF ICE MOVING EASTERLY.

PERSONNEL ON BOARD 102

RECEIVED
OCS DISTRICT OFFICE

AUG 19 1986

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

CONFIDENTIAL

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

AUG 19 1986

RECEIVED
OCS DISTRICT OFFICE
Anchorage, Alaska

AUG 20 1986

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

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FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

pas

REPORT DATE: 8-18-86

LEASE NO.: Y0871

WELL NO.: 1

OPERATOR: SHELL SWCP?

DRILLING DEPTH: 8000

FOOTAGE: _____

MUD WT. (PPG): 10.6

VIS: 32

PH: 8.5

PRESENT OPERATIONS: CEMENT IN PLACE, WILL DRILL OUT
TODAY (8-18-86)

PRINCIPAL WORK ACCOMPLISHED: _____

ATIONIST

LAND

9 5/8

RECEIVED
OCS DISTRICT OFFICE

AUG 18 1986

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

8-1

Y0871 #1

Rig Name EXPLORER II
Shell Drilling Foreman FOX/GRO
Present Activity LANDING CASING IN CASING HANGER

Elevation KB to MSL 38.4
Water Depth 117

Field CORONA Prog. Depth 10000 Day Number 22
Lease OCS-Y 871 Present Depth 8000 Est. Days 34
Well Number * 1 Footage Drilled Days +/-
Work Order # 266121 Size & Depth of Last Casing: 13 3/8 " @ 2655'

SUMMARY 2.0 HRS-LOGGING-COMPLETED RUNNING RFT LOGS
0.5 HRS-RIG DOWN SCHLUMBERGER
1.0 HRS-RIG UP AND RIH TO 2500'
1.0 HRS-SLIP AND CUT DRLG LINE.
2.5 HRS-RIH TO 8000' (FILL PIPE AND BREAK CIRC AT 8000')
OF 3.0 HRS-CIRCULATE AND CONDITION MUD
4.0 HRS-POOH TO RUN CASING
1.0 HRS-PULL WEAR BUSHING
OPERATIONS 1.0 HRS-RIG UP TO RUN 9 5/8" CASING
8.0 HRS-RUN 9 5/8" CASING-LANDING CASING HANGER AT REPORT TIME.

WEATHER; TEMP 1.0 F, WIND CALM, CEILING 700' BROKEN, VIS 15 MI, BAR 1016.2
TRACE OF ICE WITH VERY MINOR MOVEMENT. PERSONNEL ON BOARD 103

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
Pump Pressure @ Kill Speed: #1 PSI @ 60 SPM #2 PSI @ 60 SPM Last BOP Test: 08/12/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
-------	-------	-----------	-------	-------	-----------	-------	-------	-----------

TVD	Sec	N / S	E / W
-----	-----	-------	-------

TIME	Rotating	Trips	4.00	Survey	Jet
	Cum. Rot	102.30	D.D.	C & C	3.00
(HRS)	BHA Insp	102.50	Reamg.	Repair	Other

COST DATA
RECEIVED
OCS DISTRICT OFFICE
Daily Mud \$
Cumulative Mud \$
Daily Well \$
Cumulative Well \$

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12					/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA					/

MINERALS MANAGEMENT SERVICE
Authorized ANCHORAGE, ALASKA
(+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I	9RR	12.25	SDSC	EZ1815	3-16, 1-9C	3-6-I	8000	8000	0	0.00	
S											

B	H	A

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	
M	10.6	.551	38	14 / 5	2 / 6	8.5	1	7.7	18.8/150	9 RESINEX
U	Pf/Mf	Pm	C1	Ca	Sand	Solids	Oil%	MBT	Sulf.	9 TECHNISPHERE
D	.05/1.1	.2	9000	360	TRC%	12	0	17.5		

APPA FILE 8-1
Y0871 FI

Rig Name EXPLORER II
Shell Drilling Foreman FOX/OWTE
Present Activity LOGGING

Aug 17

Elevation KB to MSL 38.4
Water Depth 117

Field CORONA Prog. Depth 10000 Day Number 21
Lease OCS-Y 871 Present Depth 8000 Est. Days 34
Well Number # 1 Footage Drilled Days +/-
Work Order # 266121 Size & Depth of Last Casing: 13 3/8 " @ 2655

24.0 HRS-LOGGING-RUNNING RPT LOGS

HELD H2S/FIRE/ABANDON SHIP DRILL WITH ALL PERSONNEL ON FRIDAY, AUG. 15.

SUMMARY

OF WEATHER: TEMP 4.3, WIND 340 AT 8 KTS, CEILING 2000 (BROKEN), VISIBILITY 15MI
BAR 1011.2
HAVE 2/10 ICE COVERAGE, IN SMALL MANAGEABLE PIECES, MOVING
WESTERLY AT 0.3 KT.

OPERATIONS

CONFIDENTIAL

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
Pump Pressure @ Kill Speed: #1 PSI @ 60 SPM #2 PSI @ 60 SPM Last BOP Test: 08/12/8

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E /

TIME Rotating Trips Survey Jet
Cum. Rot 102.50 D.D. C & C Cut DL
(HRS) BHA Insp 102.50 Reamg. Repair Other 24.00

COST DATA

HYDRAULIC Liner Stroke SPM GPM PSI HHP AV / CV
DATA 6.0 12 /

RECEIVED
OCS DISTRICT OFFICE
Daily Mud \$
Cumulative Mud \$
Daily Well \$
Cumulative Well \$
AUG 18 1986

DRILLING Hook Load Bit Weight RPM Torque Drag Up/Dn
DATA /

Authorized
MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft.
I											
T	9RR	12.25	SDSC	EZ1815	3-16, 1-9C	3-3-1	8000	8000	0	0.00	
S											

B 12 1/4 BIT, BIT SUB, 2-7 3/4 DC, STAB, 1-7 3/4 DC, STAB, 1-7 3/4 DC, JARS,
H 1-7 3/4 DC, X-O, 3-6 1/2 DC, DART SUB, 9-6 1/2 DC, 6 JTS HWDP.
A ***CLEAN OUT ASSMY***

PPG Grad Vis PV/YP Gels pH Cake WL-API HTHP/Temp Mud Additions
10.6 .551 40 17 /6 3 /6 8.5 2 6.6 18.8/150
Pf/Mf Pm Cl Ca Sand Solids Oil% MBT Sulf. Lime
D .1 / .8 3 8600 160 TRC% 12 0 17.5

AREA FILE

8-1
10871 #1

Rig Name EXPLORER II
 Shell Drilling Foreman FOX/GKOTE
 Present Activity LOGGING

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA Prog. Depth 10000 Day Number 20
 Lease OCS-Y 871 Present Depth 8000 Est. Days 34
 Well Number # 1 Footage Drilled Days +/-
 Work Order # 266121 Size & Depth of Last Casing: 13 3/8 " @ 2655

SUMMARY
 OF
 OPERATIONS

2.0 HRS-RUN #9, (CST/GR #5) RECOVERED 44, NO MISFIRE, 1 LOST.
 1.5 HRS-RUN #10, (CST/GR #6) RECOVERED 35, 10 MISFIRE, NONE LOST
 2.5 HRS-RUN #11, (CST/GR #7) RECOVERED 44, NO MISFIRE, 1 LOST.
 1.5 HRS-RUN #12, (CST/GR #8) RECOVERED 30, 15 MISFIRE, NONE LOST.
 0.5 HRS-RIG DOWN SCHLUMBERGER
 3.0 HRS-RIH FOR CONDITIONING RUN-WASH AND REAM LAST 3 STANDS
 3.5 HRS-CIRCULATE AND CONDITION MUD
 1.0 HRS-MAKE 5 STAND SHORT TRIP-NO TIGHT SPOTS
 1.0 HRS-CIRC BOTTOMS UP
 3.0 HRS-POOH FOR LOGS
 1.0 HRS-RIG UP SCHLUMBERGER
 3.5 HRS-RUNNING RFT

TEMP 3, WIND 100 KTS, CEIL 0, VIS 0, (FOG), BAR 1016.0, PEOPLE 105

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 PSI @ 60 SPM #2 PSI @ 60 SPM Last BOP Test: 08/12/8

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E /

TIME | Rotating | Trips | 7.00 Survey | Jet
 | Cum. Rot | 102.50 D.D. | C & C | 4.50 Cut DL
 (HRS) | BHA Insp | 102.50 Reamg. | Repair | Other | 12.50

COST DATA

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | HHP | AV / CV
 DATA | 6.0 | 12 | | | | | /

Daily Mud RECEIVED\$
 Cumulative Mud RECEIVED\$
 Daily Well \$
 Cumulative Well \$

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn
 DATA | 280 | | | | /

Authorized \$
 (+/-) \$
 MANAGEMENT SERVICE
 ANCHORAGE, ALASKA

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/
I											
T	10R	12.25	SDSC	EZ1815	3-16, 1-9C	3-3-I	8000	8000	0	0.00	
S											

B | 12 1/4 BIT, BIT SUB, 2-7 3/4 DC, STAB, 1-7 3/4 DC, STAB, 1-7 3/4 DC, JARS,
 H | 1-7 3/4 DC, X-O, 3-6 1/2 DC, DART SUB, 9-6 1/2 DC, 6 JTS HWDP.
 A | ***CLEAN OUT ASSMY***

	PPG	Grad	Vls	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.6	.551	41	16 /7	3 /6	8.5	2	6.4	16.6/150	539 BARITE
U	Pf/Mf	Pm	C1	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.1 / .9	.3	8800	160	TRC%	12	0	17.5		
	NOTE; THE MUD USAGE IS FOR THE LAST TWO DAYS									10 RESENEX
										11 MAX PAC
										10 Q BROXIN

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

REPORT DATE: 8-15-86
LEASE NO.: Y-871 WELL NO.: 1
OPERATOR: SHOCC (SWCP)
DRILLING DEPTH: 8020 FOOTAGE:
MUD WT. (PPG): 10.6 VIS: 39 PH: 9.0

PRESENT OPERATIONS: LOGGING
POSSIBLY FINISH LOGGING BY 4 P.M. SAT, RUN CASING
AND CEMENT SAME BY 4 A.M. SUNDAY UNLESS
ADDITIONAL LOGS ARE RUN. WILL REQUEST 2 1/2 DAYS FROM THE

TIME OF THE RESTRAINING ORDER
FOR OPERATIONS RAP UP
PRINCIPAL WORK ACCOMPLISHED:

AS MIDNIGHT MAKING FINAL SIDE WALL CORE RUN

REMARKS: (Include zones of lost circulation, kicks encounters during
drilling operations, zones of abnormal pressure, other hole
difficulties, Sea Ice Conditions and Ice Forecast.)

0871, 8-1

DATE 08/15/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman FOX/GROTE
 Present Activity LOGGING

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 19
Lease OCS-Y 871	Present Depth 8000	Est. Days 34
Well Number # 1	Footage Drilled 0	Days +/- 0
Work Order # 266121	Size & Depth of Last Casing:	13 3/8 " @ 2655'

SUMMARY
 OF OPERATIONS

0.5 HRS-CIRC AND COND MUD
 4.0 HRS-POOH-ENCOUNTERED NO TIGHT SPOTS WHILE POOH.
 0.5 HRS-RIG UP SCHLUMBERGER
 9.5 HRS-RUN #5-RAN FMS/QUICK CHECK
 2.0 HRS-RUN #6-RAN SAT
 4.0 HRS-RUN #7, (CST/GR #3) RECOVERED 21, 3 MISFIRE, 21 LOST-COULT NOT RUN BELOW 7700'.
 2.0 HRS-RUN #8, (CST/GR #4) RECOVERED 38, 2 MISFIRE, 5 LOST-USING SMALL CORE BARREL.
 1.5 HRS-RUN #9, (CST/GR #5) RUNNING AT REPORT TIME
 WEATHER: TEMP 3, [REDACTED] 050, CEILING 0, VIS 0 (FOG), BAR 1018.1
 ICE: TRACE, W/SLIGHT MOVEMENT
 PERSONNEL ON BOARD 104

Number of Accidents Last 24 Hrs: Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 PSI @ 60 SPM #2 PSI @ 60 SPM Last BOP Test: 08/12/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
OCS DISTRICT OFFICE								
AUG 15 1986								
						TVD	Sec	N / S E / W

TIME | Rotating | Cum. Rot | (HRS) | BHA Insp | 102.50 | Reang. | 4.00 | Survey | Jet | C & C | 0.50 | Cut DL | Repair | Other | 19.50

COST DATA

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | HHP | AV / CV | DATA | 6.0 | 12 | /

Daily Mud \$
 Cumulative Mud \$
 Daily Well \$
 Cumulative Well \$

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn | DATA | /

Authorized \$
 (+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H
I											
T	9RR	12.25	SDSC	EZ1815	3-16, 1-9C	1-2-I	8000	8000	0	0.00	
S							8000				

B | 12 1/4 BIT, BIT SUB, 2-7 3/4 DC, STAB, 1-7 3/4 DC, STAB, 1-7 3/4 DC, JARS.
 H | 1-7 3/4 DC, X-0, 3-6 1/2 DC, DART SUB, 9-6 1/2 DC, 8 JTS HWDP.
 A | ***CLEAN OUT ASSMY***

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.6	.551	39	17 / 5	2 / 5	9.0	3	6.6	17.0/150	
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.1 / 1.0	.3	8500	200	TRC%	12.0	0	17.5		

8-001 y 097, #1

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

Dees

REPORT DATE: 8-14-86

LEASE NO.: Y0871

WELL NO.: 1

OPERATOR: SHELL

DRILLING DEPTH: 8000'

FOOTAGE: _____

MUD WT. (PPG): 10.6 VIS: 48 PH: 9.9

PRESENT OPERATIONS: PREPARE FOR CASING JOB

PRINCIPAL WORK ACCOMPLISHED: _____

LOGGED & CORDED, INDUCTION, LDT CNT,

2 SETS OF SIDE CORES, RAN DIPMETER.

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

871 #1

8

DATE 08/14/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman FOX/WELLS
 Present Activity CIRC/COND FOR MORE LOGS.

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 18
Lease OCS-Y 871	Present Depth 8000	Est. Days 34
Well Number # 1	Footage Drilled 0	Days +/- 0
Work Order # 266121	Size & Depth of Last Casing:	13 3/8 " @ 2655'

2.0 HRS-FINISH LOGGING DITE/SDTA/GR/AMS SUITE OF LOGS.

7.0 HRS-RUN #2: LOGGED; LDT/CNTG/MSPL/NGT/AMS.

5.0 HRS-RUN #3: CST/GR; SHOT 66 SWS, 15 MISFIRED, 5 LEFT IN HOLE, REC 46.

SUMMARY 4.5 HRS-RUN #4: CST/GR; SHOT 66 SWS, 12 MISFIRED, 34 LEFT IN HOLE, REC 20.
 RIG DN SCHLUMBERGER.

OF 4.0 HRS-TIH, FILL PIPE AT 6000', FINISH IN HOLE. HAD 12' OF FILL, WASHED
 5 FT AND ENCOUNTERED SWS JUNK AT 7993'.

1.5 HRS-CIRC/COND FOR MORE LOGS AT RPT TIME.

OPERATIONS

PROPRIETARY**PRIVATE & CONFIDENTIAL**

ICE: TRACE, W/SLIGHT MOVEMENT. CEILING/VIS 0 IN FOG. TEMP 4C

Number of Accidents Last 24 Hrs: Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: #1 PSI @ 60 SPM #2 PSI @ 60 SPM Last BOP Test: 08/12/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Direction	M D	Angle	Direction
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AUG 14 1986

MINERALS MANAGEMENT SERVICE

ANCHORAGE, ALASKA

TIME	Rotating	0.00 Trips	4.00 Survey	Set	COST DATA
	Cum. Rot	102.50 D.D.	C & C	1.50 Cut DL	
(HRS)	BHA Insp	102.50 Reamg.	Repair	Other 18.50	Daily Mud \$

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV	Daily Well \$
DATA	6.0	12	180	706	2500		/	Cumulative Well \$

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized \$
DATA					/	(+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Pt/Hr
I											
T	9RR	12.25	SDSC	EZ1815	3-16, 1-9C	1-2-I	8000	8000	0	0.00	
S							8000				

B 12 1/4 BIT, BIT SUB, 2-7 3/4 DC, STAB, 1-7 3/4 DC, STAB, 1-7 3/4 DC, JARS,
 H 1-7 3/4 DC, X-O, 3-6 1/2 DC, DART SUB, 9-6 1/2 DC, 6 JTS HWDP.
 A ***CLEAN OUT ASSMY***

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.6	.551	48	20 / 9	3 / 8	9.9	2	5.6	16.0/150
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil	MBT	Sulf.
D	.4 / 1.3	.4	9000	280	.25%	12.5	0	22.5	

75 GEL
 10 TECHNICS PR
 3 CAUSTIC
 2 MAXIPAC SL

AREA COPY

8-1
Y0871
#1

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

888

REPORT DATE: 8-13-86

LEASE NO.: 871

WELL NO.: 1

OPERATOR: SHALL SWEEP

DRILLING DEPTH: _____

FOOTAGE: _____

MUD WT. (PPG): 10.6

VIS: 48

PH: 8.5

PRESENT OPERATIONS: FINISH (SOT CNT) SOURCE TOOL LOGS

RIGGING FOR SIDEWALL SAMPLE GUNS.

PRINCIPAL WORK ACCOMPLISHED: _____

BACK ON LOCATION ABOUT MIDNIGHT 8-11-86,

12' full ON BOTTOM OF HOLE, 1400 UNITS OF GAS FOR SHORT

DURATION, TESTED BOP,

RAN INDUCTION LOG TOOL, WITH SOURCE TOOL

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

8

871#1

Rig Name EXPLORER II

Shell Drilling Foreman FOX/WELLS

Present Activity

LOGGING SDTA INSIDE 13 3/8" CSG.

PRIVATE & CONFIDENTIAL

Elevation KB to MSL 38.4

Water Depth 117

Field CORONA

Lease OCS-Y 871

Well Number # 1

Work Order # 266121

Prog. Depth 10000

Present Depth 8000

Footage Drilled 0

Size & Depth of Last Casing:

Day Number 17

Est. Days 34

Days +/- 0

13 3/8 " @ 2655'

SUMMARY

2.0 HRS-TEST CHOKE/KILL LINES T/5000* F/5 MINS. OK.CHECK F/PRESSURE
BETWEEN BLINDS AND 5" DP, NONE. CK PSI UNDER 5" RAMS, HAD SLIGHT
VACUUM. TIH W/CENTRALIZED DP, TAG UP ON BLINDS, DISPLACE RISER WITH
10.6 PPG MUD. OPEN BLINDS, HOLE TOOK 6 BBLs OF MUD. SCREW INTO
HANG OFF TOOL, RETRIEVE SAME.

OF 2.5 HRS-TIH, FILL PIPE AT 6000', FINISH IN HOLE. WASH 12' OF FILL TO BTM.

2.0 HRS-CIRC/COND F/LOGS. HAD 28.0 % GAS W/BTMS UP. (1400 UNITS)

4.0 HRS-POH, NO TIGHT HOLE. RECOVER BAROID INFO.

OPERATIONS 4.0 HRS-JET/PULL WEAR BUSHING. RUN TEST PLUG. TEST BOPE W/HOWCO. PULL TEST
PLUG. RUN WEAR BUSHING. (MINIMAL WEAR INSIDE WEAR BUSHING FROM DP)

9.5 HRS-RIG UP/LOGGING W/SCHLUMBERGER. (MONITORING/RECORDING HOLE GAIN-LOSS)
LOGGING DITE/SDTA/GR/AMS AT RPT TIME. ***LOGGERS TD: 7963'***

ICE: TRACE MOVING 320 @ .24KTS CEILING/VIS 0 IN FOG WIND 080 @ 16KTS TEMP 4C

Number of Accidents Last 24 Hrs:

Number of Accidents Year to Date: 1

Pump Pressure @ Kill Speed: #1 680 PSI @ 60 SPM #2 720 PSI @ 60 SPM Last BOP Test: 08/12/86

Directional Surveys

Coordinates of Last Shot

Direction	Depth	Angle	Direction	M D	Angle	Direction
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AUG 13 1986

PROPRIETARY

TVD Sec N / S E / W

MINERALS MANAGEMENT SERVICE

ANCHORAGE, ALASKA

TIME	Rotating	Trips	Survey	Jet
(HRS)	Cum. Rot 102.50	D.D.	C & C 2.00	Cut DL
	BHA Insp 102.50	Reamg.	Repair	Other 15.50

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12					/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA					/

Daily Mud \$
Cumulative Mud 3 1986
Daily Well \$
Cumulative Well \$

MINERALS MANAGEMENT SERVICE

ANCHORAGE, ALASKA

Authorized \$
(+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Pt/Hr
I											
T	9	12.25	SDSC	EZ1815	2-12, 13, 9	1-2-I	7136	8000	864	16.60	52.0
S							8000				

B 12 1/4 BIT, BIT SUB, 9 1/2 COLLAR, MWD, FILTER SUB, X-O SUB, 7 3/4 COLLAR,
H 12 1/4 STAB, MWD, 7 3/4 SHORT COLLAR, 6-7 3/4 DC'S, JARS, X-O SUB, 3-6 1/2
A COLLARS, DART SUB, 9-6 1/2 COLLARS.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.6	.551	48	20 / 16	8 / 24	8.5	2	6.0	17.5/150	3 CAUSTIC
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	.05/.6	.1	9000	280	.25%	12.5	0	22.5		7 MAXIPAC SL

AREA FILE 8 Y0871 #1

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

8/12/86

REPORT DATE: 8/12/86

LEASE NO.: 40871

WELL NO.: 1

OPERATOR: SHELL WESTERN ENERGY INC

DRILLING DEPTH: 8000

FOOTAGE:

MUD WT. (PPG): 10.6

VIS: 44

PH: 9.4

PRESENT OPERATIONS: CIRC HOLE, HOLE IN GOOD SHAPE.
WILL TEST BOP AND RESUME LOGGING
OPERATION.

PRINCIPAL WORK ACCOMPLISHED: MOVED BACK ON LOCATION
YESTERDAY EVENING. JUMPED DIVERS INSPECTED
BOP & RECONNECTED BOP & DID OVER PULL.

RECEIVED

Anchorage, Alaska

AUG 12 1986

REGIONAL SUPERVISOR

FIELD OPERATION

MINERALS MANAGEMENT SERVICE

REMARKS: (Include zones of lost circulation, kicks encounters during
drilling operations, zones of abnormal pressure, other hole
difficulties, Sea Ice Conditions and Ice Forecast.)

DIVER RECEIVED 2ND DEGREE BURNS
WHEN COLD WATER WAS TURNED OFF TO
HIS SUITE. DIVER IS IN ARCO HOSPITAL
WILL BE TRANSFERRED TO ANCHORAGE.

AREA FILE 8-1
40871#1

PAGE 1 OF 2

Water Depth 117

Day Number 16
Est. Days 34
Days +/-
19 3/8 " 2655

3RATIONS

Coordinates of Last Shot

TVD	Sec	N / S	E / W
-----	-----	-------	-------

RECEIVED

Daily Mud	U.S. DIST	\$
Cumulative Mud		\$
Daily Well	AUG	\$
Cumulative Well		\$

MINERALS MANAGEMENT SERVICE

Authorized (+/-) Target ANCHORAGE, ALASKA

B | 12 1/4 BIT, BIT SUB, 9 1/2 COLLAR, MWD, FILTER SUB, X-O SUB, 7 3/4 COLLAR,
H | 12 1/4 STAB, MWD, 7 3/4 SHORT COLLAR, 8-7 3/4 DC'S, JARS, X-O SUB, 3-6 1/2
A | COLLARS, DART SUB, 9-6 1/2 COLLARS.

MUD CHECK FROM SUCTION PIT.

AREA FILE

8

1087141

TEST CONNECTION W/ 50M OVERPULL. (240M HOOK 70M TENS.)
RISER & LMRP WT 260M ON MD. (RIG WAS OVER WELL AT 2330 HRS.)

CEILING/VIS UNLIMITED, WIND CALM, TEMP 4C, MILLIBARS 1008.0
ICE; TRACE, MOVING 260 DEGS AT .3KTS

24 HRS ICE TIME THIS RPT.

NOTE: DIVER DARCY LIPINSKI WAS SCALDED BY HOT WATER DURING WORK AT THE
STACK WHEN THE COLD WATER TO THE DIVERS WAS TURNED OFF IN THE MOTOR ROOM
BY MISTAKE. THE ACCIDENT OCCURED AT 2000 08/11/86. DARCY LEFT THE RIG TO
GO TO ARCO INFIRMARY AND WILL GO TO ANCH IN MORN.

PRIVATE & CONFIDENTIAL

PROPRIETARY

RECEIVED
OCS DISTRICT OFFICE

AUG 12 1986

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

REPORT DATE: 8-11-86 12:01 AM

LEASE NO.: 871

WELL NO.: 1

RECEIVED

Anchorage, Alaska

OPERATOR: SHELL SWIFT

AUG 11 1986

DRILLING DEPTH: _____

FOOTAGE: _____

MUD WT. (PPG): _____

VIS: _____

PH: _____

REGIONAL SUPERVISOR

FIELD OPERATION

MINERALS MANAGEMENT SERVICE

PRESENT OPERATIONS: ICE - off location - Hung
off in 13 3/8

PRINCIPAL WORK ACCOMPLISHED: Short trip to ice at 8000'
and ice pushed them off location.

RECEIVED

OCS DISTRICT OFFICE

AUG 11 1986

MINERALS MANAGEMENT SERVICE

ANCHORAGE, ALASKA

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

Shell Teleconferenced may not
get bad copy today.

AREA FILE 8

40871 #

Rig Name EXPLORER II Elevation KB to MSL 38.4
 Shell Drilling Foreman FOX/WELLS Water Depth 117
 Present Activity WAITING ON ICE.

d CORONA Prog. Depth 10000 Day Number 15
 House OCS-Y 871 Present Depth 8000 Est. Days 34
 Well Number # 1 Footage Drilled 445 Days +/- 0
 Work Order # 266121 Size & Depth of Last Casing: 13 3/8 " @ 2655

SUMMARY
 3.5 HRS-DRLG F/7555' T/7740' W/BIT #9.
 1.5 HRS-SHORT TRIP 9 STDs; 1ST 5 TIGHT, 6TH, FEW TIGHT SPOTS, LAST 3 FREE.
 5.5 HRS-DRLG F/7740' T/8000' W/BIT #9. (LOGGING POINT)
 1.0 HRS-CIRC 20 MINS. SHORT TRIPED 5 STDs; 1ST 3 TIGHT, LAST 2 FREE.
 1.5 HRS-CIRC BTMS UP FOR SHORT TRIP T/SHOE.
 2.5 HRS-POOH T/SHOE; NO TIGHT HOLE.
 1.0 HRS-SLIP & CUT DRLG LINE.
 2.0 HRS-KIGORIAK REPORTED ICE FLOE 8 MILES EAST OF SHIP, EST 2 MILES LONG
 BY .5 MILES WIDE MOVING 270 DEGS AT .6 KTS. ALSO 2 OTHER LARGE FLOE
 @ 1 MILE BEHIND IT FOUND BY THE SUPPLIER 4. AT 1830 HRS STAR-
 FLIGHT PICTURE #054, TAKEN AT 1345 HRS, WAS RECIEVED. SHOWED 5 LARGE
 FLOES W/ASSOCIATED RUBBLE ICE COVERING AN AREA 22 MILES LONG BY
 2-5 MILES WIDE 8 MILES EAST OF CORONA.

Number of Accidents Last 24 Hrs: Number of Accidents Year to Date:
 Pump Pressure @ Kill Speed: #1 680 PSI @ 60 SPM #2 720 PSI @ 60 SPM Last BOP Test: 08/03/86

Directional Surveys						Coordinates of Last Shot			
Depth	Angle	Direction	Depth	Angle	Direction	N D	Angle	Direction	
7555	.81	65.53	7888	1.32	27.01				
7665	.98	56.02	7911	1.31	32.16				
7727	1.07	82.09	7937	1.41	29.36	TVD	Sec	N / S	E / W
7854	1.03	41.72							

TIME	Rotating	9.00 Trips	5.00 Survey	Jet	COST DATA				
	Cum. Rot	102.50 D.D.	C & C	1.50 Cut DL	1.00				
(HRS)	BHA Insp	102.50 Reang.	Repair	Other	7.50				

HYDRAULIC DATA	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV		
	6.0	12	165	728	4250		/		

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized	MINERALS MANAGEMENT SERVICE
	279	68-70	185	380 AMPS	/	(+/-) Target	ANCHORAGE, ALASKA

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	9	12.25	SDSC	EZ1815	2-12, 13, 9	INC	7136		-7136		
S											

B | 12 1/4 BIT, BIT SUB, 9 1/2 COLLAR, MWD, FILTER SUB, X-O SUB, 7 3/4 COLLAR,
 H | 12 1/4 STAB, MWD, 7 3/4 SHORT COLLAR, 6-7 3/4 DC'S, JARS, X-O SUB, 3-6 1/2
 A | COLLARS, DART SUB, 9-6 1/2 COLLARS.

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
10.6	.551	43	17 / 13	8 / 25	9.4	2	6.0	17.8/150	75 GEL
Pf/Mf	Pm	C1	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D .1	.6	.3	9500	400	.25%	12.5	0	22.5	
									2 SODA ASH
									6 Q-BROXIN
									4 MAXIPAC SL
									2 CAUSTIC

8
 871 #1

ON ICE TIME AT 1700 HRS

2.5 HRS-AT 1845 HRS, HANG OFF BHA, 17 STDs DP W/H. DRILL VALVE & INSIDE BOP. CLOSED LOWER SET OF 8" PIPE RANS. DISPLACED RISER W/SEAWATER. PULL LANDING STRING. CLOSED SHEAR RANS. DISCONNECTED H-4 CONNECTOR. PULLED LMRP CLEAR OF GLORY HOLE. SHEARED GUIDE WIRES. DISCONNECTED CHOKE/KILL HOSES. HOIST LMRP, SET ON SPIDER BEAMS AT 2100 HRS.

*** FIRST ANCHOR UP AT 2046 HRS 08/10/86.

*** LAST ANCHOR UP AT 2306 HRS 08/10/86.

3.0 HRS-WAITING ON ICE. GEN. MAINT.

CEILING, 0' VIS, 0' IN FOG. WIND, 080 DEGS AT 14KTS. TEMP 4C. 104 ABOARD

RECEIVED
OCS DISTRICT OFFICE

AUG 12 1986

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

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DATE 08/10/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman FOX/WELLS
 Present Activity DRILLING AHEAD.

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA MINERALS MANAGEMENT SERVICE
 Lease OCS-Y 871 ANCHORAGE, ALASKA
 Well Number # 1
 Work Order # 266121
 Prog. Depth 10000
 Present Depth 7555
 Footage Drilled 626
 Size & Depth of Last Casing:
 Day Number 14
 Est. Days 34
 Days +/- 0
 13 3/8 " @ 2655'

1.5 HRS-SHORT TRIP, PULLED 8 STDS, 1ST 5 WERE TIGHT, 6TH, MOSTLY FREE, LAST 2 STDS WERE FREE OF ANY EXCESSIVE DRAG. RAN BACK T/BTM W/NO PROBLEM

4.0 HRS-DRLG F/6929' T/7136' W/BIT #8.

1.0 HRS-CIRC BTMS UP.

4.0 HRS-POH F/NEW BIT, 1ST 2 STDS HAD A FEW TIGHT SPOTS, MAX 50K OVERPULL.

OF THE REST OF THE TRIP OUT WAS FREE OF ANY EXCESSIVE DRAG.

.5 HRS-CNG OUT BARIOD MWD T/RECOVER INFO, TOOL HAD FAILED, NO INFO.

4.5 HRS-CNG BIT, TIH W/NO PROBLEMS. FUNCTION TEST BOPE, ROV INSP STACK ASSY

4.5 HRS-DRLG F/7136' T/7370' W/BIT #9.

1.0 HRS-CHECK F/FLOW, NONE. SHORT TRIP 7 STDS, 5 TIGHT, 2 FREE OF DRAG, TIH

3.0 HRS-DRLG F/7370' T/7555' *OK T/DRLG 12 1/4 T/9200 PER BRIAN SCHOOF, MMS*

ICE: TRACE, MOVING 300 AT .5 KTS AT 2300 HRS 08/09/86. 104 ON BOARD.

CEILING 200, VIS 1/4 MILE FOG WIND 080 AT 20 KTS, TEMP 6C, 1004 MILLIBARS.

Number of Accidents Last 24 Hrs:

Number of Accidents Year to Date:

Pump Pressure @ Kill Speed: #1 680 PSI @ 60 SPM #2 720 PSI @ 60 SPM Last BOP Test: 08/03/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
6950	.88	49.42						
7334	.93	36.1						

6950 .88
 7334 .93

PROPRIETARY

TVD Sec N / S E / W

TIME	Rotating	11.50 Trips	11.00 Survey	Jet
	Cum. Rot	93.50 D.D.	C & C	1.00 Cut DL
(HRS)	BHA Insp	93.50 Reang.	Repair	Other 0.50

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HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	8.0	12	165	728	4250		/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Author
DATA	277	65-70	185	380 AMPS	15 /15	(+/-)

REGIONAL SUPERVISOR
 FIELD OPERATION
 MINERALS MANAGEMENT SERVICE

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Pt/Hr
I											
T	8	12.25	SDSC	EZ2013	2-12, 13, 9	3-6-I	5755	7136	1381	20.00	69.0
S	9	12.25	SDSC	EZ1815	2-12, 13, 9		7136		-7136		

B 12 1/4 BIT, BIT SUB, 9 1/2 COLLAR, MWD, FILTER SUB, X-O SUB, 7 3/4 COLLAR,
 H 12 1/4 STAB, MWD, 7 3/4 SHORT COLLAR, 6-7 3/4 DC'S, JARS, X-O SUB, 3-6 1/2
 A COLLARS, DART SUB, 9-6 1/2 COLLARS.

	PPG	Grad	Vls	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.6	.551	45	20 /16	5 /20	9.3	2	5.5	15.6/150	13 MAXIPAC SL
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil	MBT	Sulf.	Lime
D	.05/.1	.3	9000	540	.25%	12.0	0	20.0		16 CAUSTIC

8-1

X6871 #

Rig Name EXPLORER I RECEIVED
 Shell Drilling ~~FOR OCS-Y 871~~
 Present Activity BEGINING A SHORT TRIP.

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA AUG 11 1986
 Lease OCS-Y 871
 Well Number MINERALS MANAGEMENT SERVICE
 Work Order # 266412 ANCHORAGE, ALASKA

Prog. Depth 10000
 Present Depth 6929
 Footage Drilled 1174
 Size & Depth of Last Casing:

Day Number 13
 Est. Days 34
 Days +/- 0
 13 3/8 " @ 2655'

1.0 HRS-FINISH SINGLE IN HOLE TO BTM, 5755', W/NO PROBLEMS.

4.0 HRS-DRLG F/5755' T/6096' W/BIT #8.

0.5 HRS-CIRC F/SHORT TRIP.

SUMMARY 1.5 HRS-MADE 5 STAND SHORT TRIP, PULLED TIGHT, RAN BACK W/NO PROBLEMS.

6.0 HRS-DRLG F/6096' T/6529'.

OF 1.0 HRS-CIRC BTMS UP AT 6529'.

3.0 HRS-PULLED 15 STANDS: FIRST 5 ALL TIGHT, CIRC 10 MINS, SECOND 5 STANDS WERE MOSTLY TIGHT, NEXT TWO, FEW TIGHT SPOTS, LAST THREE, NONE.

OPERATIONS TRIP BACK TO BTM, 6529', W/NO PROBLEMS.

6.0 HRS-DRLG F/6529' T/6929'.

1.0 HRS-CIRC BTMS UP AT RPT TIME IN PREPERATION FOR A SHORT TRIP.

ICE: TRACE, MOVING 280 AT .4 KTS AT 2305 HRS 08/08/86. 104 ON BOARD.

CEILING/VIS UNLIMITED, WIND 070 AT 22 KTS, TEMP 4C, 1012.2 MILLIBARS.

Number of Accidents Last 24 Hrs:

Number of Accidents Year to Date:

Pump Pressure @ Kill Speed: #1 680 PSI @ 60 SPM #2 610 PSI @ 60 SPM Last BOP Test: 08/03/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M/D	Angle	Direction
5508	.25	71.50				6707	.78	72.04
5810	.37	111.94						
6117	.33	138.85				TVD	Sec	N / S E / W
6520	.62	99.16				6707		

PROPRIETARY

TIME | Rotating 16.00 Trips 5.50 Survey Jet
 | Cum. Rot 82.00 D.D. C & C 2.50 Cut DL
 (HRS) | BHA Insp 82.00 Reang. Repair Other 0.00

RECEIVED
 Anchorage, Alaska

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | HHP | AV / CV
 DATA | 6.0 | 12 | 165 | 728 | 4250 | | /

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AUG 11 1986

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn | Author.
 DATA | 275 | 63-68 | 185 | 380 AMPS | 15 / 15 | (+/-)

REGIONAL SUPERVISOR
 FIELD OPERATION
 MINERALS MANAGEMENT SERVICE

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	8	12.25	SDSC	EZ2013	2-12, 13, 9	INC	5755		-5755		
S											

B | 12 1/4 BIT, BIT SUB, 9 1/2 COLLAR, MWD, FILTER SUB, X-O SUB, 7 3/4 COLLAR,
 H | 12 1/4 STAB, MWD, 7 3/4 SHORT COLLAR, 6-7 3/4 DC'S, JARS, X-O SUB, 3-6 1/2
 A | COLLARS, DART SUB, 9-6 1/2 COLLARS.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	
M	10.6	.551	50	22 / 18	10/38	9.4	2	5.8	16 / 160	270 BARITE	
U	Pf/Mf	Pm	C1	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	21 CAUSTIC
D	.1 / .5	.3	9000	600	.25%	11.5	0	20			32 TECHNISP

14 Q-BROXIN

21 MAXIFILL

AREA

8-1
 Y-871 #

Rig Name EXPLORER II

Shell Drilling Foreman FOX/WELLS

Present Activity

TIH, PICKING UP DP.

Elevation KB to MSL 38.4

Water Depth 117

Field CORONA

Lease OCS-Y 871

Well Number # 1

Work Order # 366121

Prog. Depth 10000

Present Depth 5755

Footage Drilled 580

Size & Depth of Last Casing:

Day Number 12

Est. Days 34

Days +/- 0

13 3/8 " 2655

2.5 HRS-FINISH SHORT TRIP T/SHOE.

7.0 HRS-DRLG F/5175' T/5755' W/BIT #7.

0.5 HRS-LOST 1000# PUMP PRESSURE, SURF EQUIP CHECKED OK.

SUMMARY 5.0 HRS-TRIP F/WASHOUT, WORK TIGHT HOLE, CIRC OUT 16 SINGLES W/KELLY. FOUND
3/4" HOLE IN DRILL PIPE 17 3/4" BELOW A TOOL JT BOX AT 617'.

OF

1.0 HRS-CIRC BTMS UP AT 5089'.

4.0 HRS-CONTINUE POH F/NEW BIT AND CNG OUT BARIOD'S MWD BATTERY PACK.

1.0 HRS-CHANGE OUT BARIOD'S MWD BATTERY PACK/RECOVER INFO.

OPERATIONS 3.0 HRS-CHECK ANADRILL MWD SCREEN, TIH WITH ALL DP FROM DERRICK T/5212'
BEGIN PICKING UP SINGLES AT RPT TIME. HOLE IN GOOD COND T/5212'.

WEATHER: TEMP 7, WIND 14 KTS AT 120, CEILING/VISIBILITY, UNLIMITED, BAR 1019

ICE: 1/10TH COVERAGE, DRIFT 005 DEG AT 0.2 KTS AT 2350 HRS 08/07/86.

104 PERSONEL ON BOARD

Number of Accidents Last 24 Hrs:

Number of Accidents Year to Date:

Pump Pressure @ Kill Speed: 1800 PSI AT 60 SPM

Last BOP Test: 08/03/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
4855	.75	23.90						
5199	.41	24.46						
5383	.29	66.70						
						TVD	Sec	N / S E / W

PROPRIETARY

TIME | Rotating 7.00 Trips 14.50 Survey Jet
| Cum. Rot 66.00 D.D. C & C 1.00 Cut DL
(HRS) | BHA Insp 66.00 Reamg. Repair Other 1.50

Received
OCS District Office

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | MHP | AV / CV
DATA | 6.0 | 12 | 150 | 630 | 4250 | | /

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Daily
Cumulat

AUG 8

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn
DATA | 240 | 45-55 | 185 | 380 AMPS | /

Author: Minerals Management Service
(+/-) Anchorage, Alaska

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H:
I											
T	7	12.25	SDSC	EZ1957	2-12, 11, 9	2-4-I	4500	5755	1255	13.50	92.1
S	8	12.25	SDSC	EZ2013	2-12, 13, 9	INC	5755		-5755		

B | 12 1/4 BIT, BIT SUB, 9 1/2 COLLAR, MWD, FILTER SUB, X-O SUB, 7 3/4 COLLAR.
H | 12 1/4 STAB, MWD, 7 3/4 SHORT COLLAR, 6-7 3/4 DC'S, JARS, X-O SUB, 3-6 1/2
A | COLLARS, DART SUB, 9-6 1/2 COLLARS.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	
M	10.4	.540	58	20/24	22/60	8.3	2	6.8	20.2/150	10 RESINEX	
U	Pf/Mf	Pm	C1	Ca	Sand	Solids	Oil%	NBT	Sulf.	Line	5 MAXIPAC SL
D	.1 / .3	.1	10000	720	.28%	10.5	0	20.0			3 CAUSTIC

AREA FILE 8/Y0871#

FOR GOVERNMENT USE ONLY

DAILY DRILLING REPORT

REPORT DATE: 8-7-86

LEASE NO.: Y0871

WELL NO.: 1

OPERATOR: SHELL/WGSTER

DRILLING DEPTH: 5175

FOOTAGE: _____

MUD WT. (PPG): 10.5

VIS: 49

PH: 8.3

PRESENT OPERATIONS: 5650 commitment of hole
Short TRIP to look for wash out

PRINCIPAL WORK ACCOMPLISHED: _____

Received
OCS District Office

RECEIVED
Anchorage, Alaska

AUG 7 1986

Minerals Management Service
Anchorage, Alaska

AUG 07 1986

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

AREA FILE Y0871 #1
FILE #8

08/07/86

04:56

SEAL ISLAND

NO. 003

002

DATE 08/07/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman FOX/GROTE
 Present Activity SHORT TRIPPING PIPE

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA
 Lease OCS-Y 871
 Well Number # 1
 Work Order # 266121

Prog. Depth 10000
 Present Depth 5175
 Footage Drilled 675
 Size & Depth of Last Casing:

Day Number 11
 Est. Days 34
 Days +/-
 13 3/8 " @ 2655'

4.0 HRS-PULL TO SHOE-CIRC OUT SINGLES WITH KELLY TO 2 STANDS BELOW SHOE
 0.5 HRS-TEST MWD TOOL
 0.5 HRS-POOH

SUMMARY 1.5 HRS-LAY DOWN JARS, BAROID MWD, SHORT DC, CHANGE SCREEN IN ANADRIL MWD
 2.0 HRS-RIH TO 2 STDS OUT OF SHOE, BROKE CIRC.

OF 3.0 HRS-STAGE IN HOLE-WASH AND REAMING

6.5 HRS-DRLG-4300' TO 5175'

1.0 HRS-CIRC BOTTOMS UP

OPERATIONS 3.0 HRS-POOH ON SHORT TRIP TO SHOE

WEATHER; TEMP 5, WIND 6 KTS AT 270, CLOUDING 100%, VIS 1/2 MI, BAR 1015.0
 PERSONNEL ON BOAT 103

PROPRIETARY

Number of Accidents Last 24 Hrs: 1 Number of Accidents Year to Date: 1
 Pump Pressure @ Kill Speed: 1600 PSI AT 60 SPM Last BOP Test: 08/03/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
4594	.97	41.60						
						TVD	Sec	N / S E / W

TIME	Rotating	6.50 Trips	14.00 Survey	Jet	008 District Office
	Cum. Rot	59.00 D.D.	C & C	Cut DL	
(HRS)	BHA Insp	59.00 Reamg.	Repair	Other 3.50	Daily M

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV	Daily W
DATA	6.0	12	150	630	4250		/	Cumulat

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authori
DATA	175	45-55	175	7500	/	(+/-) T

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	6	12.25	DSJC	EW4766	2-12, 11, 9	3 5 I	2700	4500	1800	16.00	112.
S	7	12.25	SDSC	EV1957	2-12, 11, 9	INC	4500	5175	675	6.50	103.

B 12 1/4 BIT, BIT SUB, 9 1/2 COLLAR, MWD, FILTER SUB, X-0 SUB, 7 3/4 COLLAR,
 H 12 1/4 STAB, MWD, 7 3/4 SHORT COLLAR, 6-7 3/4 DC'S, JARS, X-0 SUB, 3-6 1/2
 A COLLARS, DART SUB, 9-6 1/2 COLLARS.

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
10.5	.546	61	24 / 23	15/45	8.3	2	6.0	17.0/150	29 REXINEX
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	23 MAX PAC SL
D	0	1.2	0	8500	8500	1/4%	8.3	0	17.5
				720					1 CAUSTIC

8/Y0871#1

FOR GOVERNMENT USE ONLY

REPORT DATE: 8-6 (ENDING MIDNIGHT 8-5)

LEASE NO.: 871

WELL NO.: 1

OPERATOR: SHELL

DRILLING DEPTH: 4500

FOOTAGE: _____

MUD WT. (PPG): 10.4

VIS: 41

PH: 8.5

PRESENT OPERATIONS: POH

PRINCIPLE WORK ACCOMPLISHED: AT 230 SHIP WAS PUT ON
ICE ALERT #4.

MW WAS RAISED TO 10.5.

BITX STABILIZERS WERE PACKED OFF WITH GUMBO, LOST
FLOW. COULD NOT GO BACK IN HOLE. TRIED TO
PULL UP AND GOT STUCK AT 3704.
3 ICE BREAKERS WERE ABLE TO MOVE FLOW AWAY
FROM SHIP.

PERFORATED PIPE AND REESTABLISHED CIRCULATION
AND P.O.H. AS OF MIDNIGHT 8 STANDS AND
13 SINGLES OUT OF HOLE.

REMARKS: (Include zones of lost circulation, kicks encounters during drilling operations, zones of abnormal pressure, other hole difficulties, Sea Ice Conditions and Ice Forecast.)

RECEIVED
Anchorage, Alaska

AUG 06 1986

AREA FILE 8

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICES

Y0871 #1

* UPDATE: AS OF 10.00 AM. 8/6, FULLY OUT OF HOLE
WILL CLEAN BIT GO BACK IN HOLE CLEAN OUT
HOLE AND RESUME DRILLING.

08/06/86

08:32

SEAL ISLAND

NO. 007

001

DATE 08/06/86

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 2 OF 2

2.5 HRS-WORK JARS-PIPE BEGAN MOVING-REGAINED FULL RETURNS-LOST A TOTAL
OF 230 BBL FLUID

2.0 HRS-LAID DOWN 13 SINGLES WITH KELLY-100 SPM AND FULL RETURNS

WEATHER. TEMP 4. WIND CALM. CEILING 3000' BROKEN, VIS 15 MI, BAR 1007.0
PERSONNEL ON BOARD 100

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PROPRIETARY

RECEIVED
Anchorage, Alaska

AUG 06 1986

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

DATE 08/08/88

01:14

SEAL ISLAND

NO. 002

001

SHELL OIL COMPANY INC DAILY DRILLING REPORT

PAGE 1 OF 2

Rig Name EXPLORER II
 Shell Drilling Foreman FOX/GROTE
 Present Activity POOH WITH DRILL PIPE

Elevation KN to MSL. 00.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 10
Lease OCS-Y 871	Present Depth 4500	Est. Days 34
Well Number # 1	Footage Drilled 250	Days +/-
Work Order # 266121	Size & Depth of Last Casing:	13 3/8 " @ 2655'

2.5 HRS-DRILL 4250' TO 4500'

1.0 HRS-CIRC AND RAISE MUD WEIGHT TO 10.5 PPG. IN PREPERATION TO MOVE OFF

1.8 HRS START POOH HOLE OUT TIGHT AFTER THIRD STAND-CIRCULATE AND PULL 4 MORE STANDS-LOSS CIRC AND STUCK AT PIPE 3550', BIT DEPTH.

SUMMARY

OF

DURING THIS TIME THE KAGORICK, SUPPLIER IV AND SUPPLIER VII WAS
 ABLE TO DIVERT A FLOW OF ICE (1 BY 1 1/4 MILES) TO WHERE IT PASSED
 JUST OUTSIDE THE ANCHOR PATTERN.

7.5 HRS-WORK STUCK PIPE

OPERATIONS 1.5 HRS-BREAK OFF KELLY-RIG UP LUBRICATOR

1.0 HRS-MAKE DUMMY RUN WITH PERF TOOL

2.5 HRS-RIG UP AND RUN IN HOLE WITH PERFORATING TOOL-PERFORATE SHORT DRILL

JUST ABOVE LUBRICATOR AND TOOL WORK WAS COMPLETED

1.0 HRS-STARTED CIRCULATING WITH PARTIAL RETURNS-CIRCULATE BOTTOMS UP

Number of Accidents Last 24 Hrs: 1

Number of Accidents to Date: 1

Pump Pressure @ Kill Speed: 800 PSI AT 50 SPM

Last DOP Test: 08/08/88

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
4308	1.30	30.60						
4375	1.23	31.90						
4396	1.10	43.50						
						TVD	Sec	N / S E / W

PROPRIETARY

TIME	Rotating	2.50 Trips	Survey	Jel	COST DATA			
	Cum. Rot	52.50 D.D.	C & C	Cut DL				
(HRS)	BHA Insp	50.50 Reamg.	Repair	Other 21.50	Daily Mud	\$		
					Cumulative Mud	\$		
HYDRAULIC	Linear	Stroke	SPM	GPM	PSI	HHP	AV / CV	Daily Well
DATA	6.9	12					/	\$
DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized	\$	
DATA	175	45-55	175	6000	/	(+/-) Target	\$	

D	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	ft/hr
I											
T	6	12.25	DSJC	EW4766	2-12, 11, 9	INC	2700	4500	1800	16.00	112.
S											

18 1/4 BIT, BIT DOD, 9 1/2 COLLAR, MWD, FILTER SUB, X-0 SUB, 7 3/4 COLLAR,
 12 1/4 STAB. MWD, 7 3/4 SHORT COLLAR, 6-7 3/4 JO'S, TARS, X-0 SUB, X-H 1/2

	PPG	Grad	Vis	PV/YP	Gels	ph	Cake	WL-API	RTMP/Temp	Mud Additions	
M	10.4	540	41	14 / 14	15/30	8.5	2	10.5	30.0/150	2954 BARITE	4 CAISTOC
U	Pf/Mf	Pw	Cl	Ca	Sand/Solids	011%	MBT	Sulf.	Lime	90 GEL	4 SODA ASH
D	.05/.2	0	8000	920	1/2%	8	0	15		13 MAXPAC	
										7 XC POLY	
										10 REANRX	FILE OCS-Y 0871

8-1

Rig Name EXPLORER II
Shell Drilling Foreman FOX/GROTE
Present Activity DRILLING AHEAD

Elevation KB to MSL 38.4
Water Depth 117

Field CORONA
Lease OCS-Y 871
Well Number # 1
Work Order # 266121

Prog. Depth 10000
Present Depth 4250
Footage Drilled 1550
Size & Depth of Last Casing:

Day Number 9
Est. Days 34
Days +/- 2
13 3/8 " @ 2655'

2.0 HRS-RIH WITH 12 1/4" BIT
0.5 HRS-TAG CEMENT AT 2557'-DISPLACE SEAWATER WITH 10.0 PPG MUD
4.0 HRS-DRILL HARD CEMENT, FLOAT COLLAR AND FLOAT SHOE
SUMMARY 0.5 HRS-DRILL 20' NEW HOLE (2700' TO 2720')
1.5 HRS-CIRCULATE-CONDUCT FORMATION LEAK OFF TEST-HAD 14.0 PPG EQUIV. M.W.
OF 15.5 HRS-DRILL 2720' TO 4250' ending at midnight 8/4/86

WEATHER: TEMP 8, WIND 570 AT 26 KTS, CEILING 1000, VIS 15 MI, BAR 1009.5
OPERATIONS PERSONNEL ON BOARD 100

PROPRIETARY

Number of Accidents Last 24 Hrs: 1 Number of Accidents Year to Date: 1
Pump Pressure @ Kill Speed: 600 PSI AT 50 SPM Last BOP Test: 08/03/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
2799	.29	78.9	3869	.90	41.31	4219	1.44	30.42
3005	.17	93.42	3933	.93	47.06			
3408	.57	26.6	4120	1.28	39.59	TVD	Sec	N / S E / W
3687	.60	52.24	4156	1.26	43.41			

TIME Rotating 16.00 Trips 2.00 Survey Jet
Cum. Rot 50.00 D.D. C & C 0.50 Cut DL
(HRS) BHA Insp 50.00 Reamg. Repair Other 5.50

COST DATA

HYDRAULIC Liner Stroke SPM GPM PSI HHP AV / CV
DATA 6.0 12 150 630 4100 /

Daily Mud \$
Cumulative Mud \$
Daily Well \$
Cumulative Well \$

DRILLING Hook Load Bit Weight RPM Torque Drag Up/Dn
DATA 175 45-55 175 6000 /

Authorized \$
(+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	6	12.25	DSJC	EW4768	2-12, 11, 9	INC	2700	4500	1800	16.00	112.
S							4500				

B 12 1/4 BIT, BIT SUB, 9 1/2 COLLAR, MWD, FILTER SUB, X-O SUB, 7 3/4 COLLAR,
H 12 1/4 STAB, MWD, 7 3/4 SHORT COLLAR, 6-7 3/4 DC'S, JARS, X-O SUB, 3-6 1/2
A COLLARS, DART SUB, 9-6 1/2 COLLARS. BHA=765.87'

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	
M	10.1	.525	65	18 / 22	15/55	9.5	2	8.6	25.6/	741 BARITE	6 BICARB
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	2 SODA ASH
D	.1 / .25	.5	9000	240	1/4%	8	0	15		75 GEL	
										26 MAXPAC SL	
										2 X-C POLY	
										17 RESINEX	

AREA FILE 8 Y087(4)

1.5 HRS-RELEASE DART, SHEAR TOP WIPER PLUG (3500 PSI), PUMP 10 BBL FRESH
WATER FOLLOWED BY 348 BBL SEA WATER- DID NOT GET ANY RETURNS DURING
MIXING AND DISPLACING OF CEMENT-DID NOT BUMP PLUG-FLOATS HELD, BLED
BACK 1 1/2 BBL.-CEMENT IN PLACE AT 13:35 HRS 8-3-86
1.0 HRS-RELEASE HANGER-ENERGISE PACK OFF-TEST PACKOFF 1650 LOW & 3500 HIGH
3.0 HRS-TEST BOPE-TEST PIPE RAMS, ANNULAR PREVENTERS,
CHOKE MANIFOLD AND FLOOR VALVES TO 250/3500 PSI-ALL OK
0.5 HRS-RIH AND SET WEAR BUSHING
1.0 HRS-CUT AND SLIP DRLG LINE
2.0 HRS-WOC (LAY DOWN 17 1/2 STAB & 9" COLLAR, MAKE SPARE MWD)
1.0 HRS-TEST CSG AND BLIND RAMS TO 1650 PSI FOR 30 MINUTES-OK
0.5 HRS-SERVICE BAROID TOOL-CHANGE BATTERY PACK
1.0 HRS-FINISH MAKING UP MWD
TEMP 4, ~~WIND 000 AT 14 KTS~~, CEILING UNLIMITED, VIS 15 MI, BAR 1009.0

RECEIVED
DCS DISTRICT OFFICE

AUG 4 1986

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

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08/04/86

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SEAL ISLAND

NO. 002

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DATE 08/04/86

SH ~~WESTERN~~ E&P INC DAILY DRILLING REPORT

PAGE 1 OF 2

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/GROTE
 Present Activity PREPARING TO RIH

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 8
Lease OCS-Y 871	Present Depth 2700	Est. Days 34
Well Number # 1	Footage Drilled	Days +/- 2
Work Order # 266121	Size & Depth of Last Casing:	13 3/8 " @ 2655'

SUMMARY OF OPERATIONS

2.0 HRS-POOH-SLM OUT-NO CHANGE
 1.0 HRS-RECOVER BAROID INFORMATION-RETRIEVE WEAR BUSHING
 0.5 HRS-RUN IN AND WASH WELL HEAD WHERE CSG HANGER WILL SET
 5.0 HRS-RIG UP AND RUN CSG-RUN 63 JTS 13 3/8", 72#, N & L-80, BT&C CSG.
 1.0 HRS-MAKE UP VETCO CSG HANGER-LAND CSG WITH SHOE AT 2655'
 0.5 HRS-RIG UP TO CIRC-HAD PARTIAL RETURNS FOR FIRST COUPLE OF MINUTES THEN COMPLETELY LOST ALL RETURNS
 1.0 HRS-RIG UP TO CEMENT-PUMP 10 BBL FRESH WATER-DROP BALL AND RELEASE
 BOTTOM WIPER PLUG-PUMP 10 MORE BBL FRESH WATER
 1.5 HRS-CEMENT-MIX AND PUMP 725 SACKS CLASS "G" PLUS 0.75% CFR-2, PLUS 2% CACL2, PLUS 2.25% PHG, AVG WEIGHT 13.2 PPG, YIELD 1.78, FOLLOWED BY 575 SACKS CLASS "G", PLUS 0.75% CFR-2, PLUS 2% CAC;2. AVG WT. 10.2 PPG, YIELD 1.09, (NO RETURNS WHILE MIXING CEMENT)

Number of Accidents Last 24 Hrs: 1

Number of Accidents Year to Date: 1

Pump Pressure @ Kill Speed:

Last BOP Test: 08/03/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
RECEIVED OCS DISTRICT OFFICE AUG 4 1986								
MINERALS MANAGEMENT SERVICE ANCHORAGE, ALASKA								
						TVD	Sec	N / S E / W

TIME	Rotating	Trips	Survey	Jet
	Cum. Rot	39.00 D.D.	C & C	Cut DL 1.00
(HRS)	BHA Insp	39.00 Reang.	Repair	Other 23.00

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12					/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA					/

Daily M
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 Daily W
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Authori:
 (+/-) T

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H:
I											
T	5	17.5	DSJC	EW6822	18,2-16,12C	3 3 I	1028	2700	1672	15.50	107
S											

B
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PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	5 CAUSTIC
M	10.0	.52	38	17 / 8	7 / 14	9.5	2	8.6	326 BARITE	6 MAXPAC SL
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	NBT	97 GEL	
D	.2 / .4	.4	8500	240	NIL%	8	0	15.0	3 SODA ASH	
NOTE NEGATIVE DAILY COST DUE TO BACKING OUT OF CANMA									14 RESENE	
CREDITS AFTER 8-15, AND RETURNING OF MATERIAL									1 DRISPAC	

08/03/86

19:24

SEAL ISLAND

NO. 006

001

DATE 08/03/86

SHR WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II

Elevation KB to MSL 98.4

Shall Drilling Purpose BROWNING/GRATE

Water Depth 117

Present Activity POOH TO RUN 13 3/8" CASING

Field CORONA

Prog. Depth 10000

Day Number 7

Lamp OCS-Y R71

Present Depth 2700

Est. Days 34

Well Number # 1

Footage Drilled 1500

Days +/- 0

Work Order # 266121

Size & Depth of Last Casing:

20" " 1028

SUMMARY

1.0 HRS-DRILL FLOAT SHOE AT 1028'

0.5 HRS-CLEAN OUT TO 1040'

0.5 HRS-CONDUCT ACCUMULATOR PERFORMANCE TEST

0.5 HRS-CONDUCT FORMATION LEAK OFF TEST TO EQUIVALENT MUD WT. OF 11.7 PPG

1.5 HRS-CLEAN OUT RAT HOLE 1040' TO 1200'

15.5 HRS-DRILL 1200' TO 1700'

0.5 HRS-CIRCULATE

2.0 HRS-SHORT TRIP TO SHOE- HAD NUMEROUS TIGHT SPOTS THAT REQUIRED MINERALS MANAGEMENT SERVICE (MAX OVERPULL 50,000#) FROM 2100' TO 1800'-RUN BACK TO ANCHORAGE, ALASKA

1.5 HRS-CIRC AND COND MUD

0.5 HRS-POOH TO RUN 13 3/8" CSG.

WIND 8KTS @ 360, CEIL. 200', VIS. 1/4 MI. IN FOG, TEMP. 3C, BAR. 1007.6, PEOPLE ON BOARD 96, HELD H2S, FIRE AND BOAT DRILL.

Number of Accidents Last 24 Hrs: 1

Number of Accidents Year to Date: 1

Dump Pressure @ Kill Speed:

ONE DOI AT 20 OPM

Last DOP Test. 08/01/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
1316	0.70	37.53	2141	0.49	37.93	2639	0.46	78.78
1492	0.45	28.18	2360	0.36	19.16			
1745	0.46	44.73	2488	0.57	54.17	TVD	Sec	N / S E / W
1858	8.48	55.15	2547	8.51	53.65			

TIME	Rotating	15.50	Trips	2.00	Survey	Jet
	Cum. Rot	39.00	D.D.		C & C	2.00
(HRS)	BHA Insp	39.00	Ream.	0.50	Repair	Other
						4.00

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HWP	AV / CV
NATA	N.N	12	210	1000	10000	1155	/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Author
DATA	170000	10K	75	100	1K /1K	(/)

R	Bit	Size	Type	Serial	Jets	T R G	In	Out	Footage	Hours	Ft/Hr
I											
T	5	17.5	DSJC	EW8822	18,2-18,12C		1028		-1028		
S											

B	17 1/2" BIT, BIT SUB W/ FLOAT, 9.5" DC, XO, 9" ANADRIL MWD W/17.5" STAB, XO,
H	7.75" DC, 17.5" STAB, 8" BAROID MWD, 7.75" LEAD COLLAR 10' LONG, 6-7.75" DC,
A	7.75" DAILEY JARS, 7.75" DC, XO, 3-6.5" DC, DART SUB, 9-6.5" DC.

PPG	Crad	Vis	PV/VT	Gels	pH	Clake	WL API	HTHP/Temp	Mud Additions
10.5	548	80	20/20	25/70	8.4	?	80	/	CVT 80
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.
D	.05/.15	.1	8000	1880	.75%	12	0	17.5	
	NOTE NEGATIVE DAILY WELL COST BECAUSE OF BACKING OUT OF CANMAR CREDITS AFTER AUGUST 15TH.								MAXIPAC 14

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MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

2.5 HRS. RIM W/ 1 1/2" DRILLING ASSEMBLY. TAGGED CEMENT AT 998'. DRILLED CEMENT TO SHOE AT 1027'.

WIND 6 KTS. @ 100 DEG, CEIL 1500', VIS. 15 MI, PREC. NONE, TEMP. 3C,
BAR. 1008.3, ICE 0.3 DRIFTING AT 0.2 KTS. TO 295 DEG., 96 PEOPLE ABOARD.

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DCS DISTRICT OFFICE

AUG 4 1986

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

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PAGE 1 OF 2

Elevation KB to MSL	38.4
Water Depth	117

Prog. Depth 10000
Present Depth 1200
Footage Drilled 0
Size & Depth of Last Casing:

Day Number	8
Est. Days	94
Days +/-	0
20" " ●	1028

7.5 HRS. MOVE ON LOCATION AND DROP #3 ANCHOR AT 00:24 HRS. (FIRST ANCHOR). DROP LAST ANCHOR AT 02:03 HRS. JIMPERD DIVERS. FOUND 2-3' FAIRLY HARD MUD ON PGB. RAN AIRLIFT TO CLEAN PGB. POSITIONED SHIP. RAN AND ESTABLISHED GUIDE WIRES. PUT WELLHEAD COVER ON WELL. PULLED GUIDELINE RUNNING TOOL OUT OF WATER. PULLED AIRLIFT. PGB CLEAN.

6.5 HRS. STARTED RUNNING BOP. PULLED WELLHEAD COVER. RAN BOP. STROKED OUT SLIP JOINT. CONNECT KILL AND CHOKE LINES.

2.0 HRS. STOP BOP 4' ABOVE PGB. JUMP DIVERS. ALL OK. LAND STACK. LATCH H4 CONNECTOR. TOOK OVERPULL OF 30000 LBS. OK. INSTALL DIVERter LOCK DOWN. OVERPULL 20000 LBS. OK.

5.5 HRS. TESTED CASING AND BLIND RAMS TO 500 PSI. OK. RAN BOP TEST PLUG. TESTED BOP COMPONENTS TO 1000 PSI. OK. TESTED CHOKE MANIFOLD AND FLOOR EQUIPMENT. OK.

Number of Accidents Year to Date: 1

Last BOP Test: 08/01/86

Directional Surveys						RECEIVED OCS DISTRICT OFFICE	Coordinates of Last Shot				
Depth	Angle	Direction	Depth	Angle	Direction	N D	Angle	Direction			
						AUG 4 1986					
						MINERALS MANAGEMENT SERVICE ANCHORAGE, ALASKA	TVD	Sec	N / S	E / W	

TIME	Rotating	0.50	Trips	2.00	Survey	Jet	
	Cum. Rot	23.50	D.D.		C & C	Cut DL	-----
(HRO)	BHA Insp	00.00	Reang.		Repair	Other	01.50 Daily M

HYDRAULIC	Liner	Stroke	SPM	QPM	PST	HHP	AV / GV	Daily Wt
DATA	6.0	12	201				/	Cumulat:

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authoriz
DATA	170000	10K	75	100	1K /1K	(+/-) T

[illegible]

B | 17 1/2" BIT, BIT SUB W/ FLOAT, 9.5" DC, XO, 9" ANADRIL MWD W/17.5" STAB, XO,
H | 7.75" DC, 17.5" STAB, 8" BAROID MWD, 7.75" LEAD COLLAR 10' LONG, 6-7.75" DC,
A | 7.75" DAILEY JARS, 7.75" DC, XO, 3-6.5" DC, DART SUB, 9-6.5" DC.

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
1	10.6	RR1	A7	20/30	1A/3A	11.5	2	10.0	/	NONE
U	Pf/Wf	Pm	Cl	Ca	Sand	Solids	Oil	MBT	Sulf.	Lime
D	1.5/3.0	.9	9000	240	0 %	8	0	20		

Elevation KB to NSL	38.4
Water Depth	117

Prog. Depth 10000
Present Depth 1200
Footage Drilled -0-
Size & Depth of Last Casing:

Day Number	5
Est. Days	34
Days +/-	0
20" " ●	1028

1.0 HR. PULLING ANCHORS. LAST ANCHOR UP AT 00:49 HRS.
12.0 HRS. WAITING ON ICE. (L/D BIT, UNDERREAMER, AND ANADRIL MWD. L/D DP.
MADE UP NEW 17 1/2" BHA. REMOVED AIR LIFT HOSES.)
11.0 HRS. WAITING ON ICE. (CHANGED BATTERY PACK IN BAROID MWD TOOL. REPAIR
MUD PUMPS. LAY DOWN AIRLIFT. RENEW HOSES ON BJ SYSTEM IN DERRICK.
P/U 2 STANDS OF RIG HWDP AND STAND IN DERRICK. GEN. RIG MAINT.

NOTED

OPERATIONS

PROPRIETARY

AUG 01 1986

WIND 5 KTS. • 120 DEG, CEIL. 1500' BRKN, VIS. 15 MI, TEMP. 2.0C, PREC. NONE,
BAR. 1009.3, ICE COVERAGE 0.4 MOVING EASTERLY 0.3 KTS. PEOPLE ABOARD 100. SCHOOL.

Number of Accidents Year to Date: 0

Last BOP Test: 07/26/86

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	N D	Angle	Direction
						TVD	Sec	N / S E / W

Daily Mi

Daily W4

Cumulat:

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn /	Author: (+/-) T
------------------	-----------	------------	-----	--------	-----------------	--------------------

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А

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
U	10.6	.551	68	21 /31	15/38	11.5	2	10	/	618 BAR
U	Pf/Mf	Pm	C1	Ca	Sand	Solids	Oil%	MBT	Sulf.	Line
D	1.5/3.0	.9	9000	240	NIL%	8	0	20.0		

DISTRICT FILE

8

Y0871 #1

DATE 07/31/86

SHELL WPSI&N&P INC DAILY DRILLING REPORT

Rig Name EXPLORER II
Shell Drilling Foreman BROWNING/WELLS
Present Activity PULLING ACTIONS

Elevation KB to MSL 38.4
Water Depth 117

Field CORONA
Lease OCS-Y 871
Well Number # 1
Work Order # 266121

Prop. Depth 10000
Present Depth 1200
Footage Drilled 125
Size & Depth of Last Casing: 20" " 0 1028'

Day Number 4
Est. Days 34
Days +/- 0

SUMMARY
1.5 HRS FINISH UNDERREAMING HOLE F/1075' T/1200'.
2.0 HRS CHECK F/FLOW, NONE. SHORT TRIP TO TD W/ NO PROBLEMS (NO FILL).
1.0 HRS CIRC/COND F/BGT LOG & CSG. LEFT 10.4 PPG MUD IN HOLE.
1.5 HRS CHECK F/FLOW, NONE. SLM OUT OF HOLE. NO CHANGE.
1.5 HRS RIG UP SCHLUMBERGER AND LOG BOREHOLE GEOMETRY TOOL (BGT)
4.5 HRS FOUND HOLE UNDER GAUGE FROM 1060 TO 1200: GOT MMS OK TO SET 20" AT 1028. DISPLACE RISER'S MUD WITH SEAWATER AND PULL/LAY DOWN RISER.
5.0 HRS RIG/RAN 884' OF 20" 133# X-56 CSG TO 1028' @SHOE. RAN 812' OF 5" DP STINGER, PICKED UP/RAN RUNNING TOOL/HWDP. LATCH-UP, PULLED 30K, OK.
2.0 HRS RIG/TEST T/1500 PSI CMT LINES, PUMPED 50 BBLs FRESH WATER AHEAD OF 1665 SX PERMAFROST CMT AT 14.7 PPG, USED 170 BBLs MIX WATER. TAIL WAS 600 SX PERMAFROST CMT AT 13.6 PPG, USED 45 BBLs MIX WATER.
HAD CEMENT RETURNS IN AIRLIFT LINES WHILE PUMPING LAST 600SX CMNT.

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date: 0

Pump Pressure @ Kill Speed:

Last BOP Test: 07/26/86

Directional Surveys						Coordinates of Last Shot		
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
360	.63	333	809	.40	19.4			
443	.38	160.05	935	.28	15.06			
566	.44	116.22	1031	.28	29.7	TVD	Sec	N
669	.40	41.5	1137	.53	73.25			

TIME | Rotating 1.50 Trips 13.00 Survey Jet
| Cum. Rot 23.00 D.D. C & C 2.00 Cut DL
HRS | BHA Insp 23.00 Ream. 1.50 Repair Other 6.00

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | HHP | AV / CV
DATA | 6.0 | 12 | | | | | /

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn | Author
DATA | 175K | | 10-15 | 120-150 | 100 AMPS | / | (+/-)

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	4	17 1/2	DS-J	EW1212	2-16, 1-18	2-2-I	384	1200	816	13.50	60.4
S							1200				

B BIT #4-UR-XO-9.5"DC-ANADRILL MWD-FILTER SUB-XO-7.75"DC-STAB-BARIOD MWD-PONY
H COLLAR-6 7.75"DC-JARS-1 7.75"DC-XO-12 6.75"DC. TOTAL BHA 773.33' (WT. 80K)
A

M	PPG	Grad	Via	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	8 CAUSTIC
U <td>10</td> <td></td> <td></td> <td>/</td> <td>/</td> <td></td> <td></td> <td></td> <td>/</td> <td>538 BAR</td> <td>5 DRISPAC</td>	10			/	/				/	538 BAR	5 DRISPAC
D <td>Pf/MI</td> <td>Pm</td> <td>Cl</td> <td>Ca</td> <td>Sand</td> <td>Solids</td> <td>Oil%</td> <td>MBT</td> <td>Sulf.</td> <td>Lime</td> <td>168 GEL</td>	Pf/MI	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	168 GEL
	/				%						10 TECHSPERS
	NEW MUD SYSTEM BEING BUILT. JUST ENOUGH OLD MUD IN PIT										13 SALT
	TO DRILL OUT WITH.										8 SODA ASH

DISTRICT FILE

Y0871A

DISPLA W/20 DBLS OF 10.4 PPG MUD. CHECK FOR BACK FLOW, NONE.
CIP AT 2005 HRS 07/30/86.

2.0 HRS RIG DOWN CMT LINES, BACK OUT RUNNING TOOL. POH W/STINGER TO WELL
HEAD. PUT BOTH PUMPS ON AND WASH UP WELLHEAD. RIG DN, POH.

1.0 HRS JUMP DIVERS TO INSTALL 20" CSG PROFILE PROTECTOR AND CHECK FOR
"CLEAN PGB". WAS CLEAN.

2.0 HRS PULLED BOTH AIR LIFTS, RECOVERED WELLHEAD COVER, PULL ALL 4 GUIDE
LINES. PULLED FIRST SHIP ANCHOR AT 2310 HRS. KIGORIAK WORKING LARGE
ICE FLOE TO THE WNW OF SHIP. SECOND LARGE FLOE FOLLOWING CLOSE
BEHIND. ICE RECONN WITH ICE BREAKERS INDICATES AT LEAST 12 MILES
OF LARGE FLOES TO THE WNW OF CORONA.

2000' CEILING, VIS 15, TEMP 6C. WIND 200 KTS AT 22 KTS MILLIBARS 1003.5

ROBERT LEMEURE RETURNED TO TUK FOR REPAIRS. REPLACED BY KIGORIAK.

ONBOARD: 103.

PRIVATE & CONFIDENTIAL

PROPRIETARY

RECEIVED

Anchorage, Alaska

JUL 31 1986

REGIONAL SUPERVISOR
FIELD OPERATION
MINERALS MANAGEMENT SERVICE

AREA FILE _____

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Rig Name EXPLORER II
Shell Drilling Foreman BROWNING/WELLS
Present Activity UNDERREAMING AHEAD

Elevation KB to MSL	38.4
Water Depth	117

Field CORONA	Prog. Depth	10000	Day Number	3
Lease OCS-Y 871	Present Depth	1075	Est. Days	34
Well Number # 1	Footage Drilled	498	Days +/-	0
Work Order # 286121	Size & Depth of Last Casing:	30" " #		383

SUMMARY

4.5 HRS DRLG F/702' T/1200'.

4.5 HRS CHECK F/FLOW, NONE. POH F/BHA. LAY DN 12 1/4" BIT, MAKE-UP 26" ROTARY OIL TOOLS UNDER REAMER W/17 1/2" BIT STRAP WELDED BELOW. FUNCTION CHECK UR @ SURF F/PROPER OP, OK. TIH W/UR ASSMY T/384'.

10.5 HRS UNDERREAMING F/384' T/1009' W/BIT #4 AND UR.

OF 3.0 HRS CHECK F/FLOW, NONE. POH, REPLACE UR ARMS/CONES, TIH.

1.5 HRS UNDERREAMING F/1009' T/1075' W/BIT #4 AND UR.

OPERATIONS 3000' CEILING, VIS 15 MILES, TEMP 4.2C, WIND 140 DEG @ 10 KTS, 102 ABOARD.

Received
OCS District Office

Number of Accidents Last 24 Hrs: 0
Pump Pressure @ Kill Speed:

Number of Accidents Year to Date: 0

Last BOP Test: 07/26/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

TIME	Rotating	4.50 Trips	7.50 Survey	Jet	
	Cum. Rot	21.50 D.D.	C & C	Cut DL	-----
(HRS)	BHA Insp	21.50 Reamg.	12.00 Repair	Other	0.00 Daily

HYDRAULIC DATA	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV	Daily Cumulative
	8.0	12	200	865	2500		/	

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Author
DATA	175K	10-15	120-150	100 AMPS	/	(+/-)

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	3	12 1/4	DS-CJ	EW6971	2-16,1-18	2-4-1	412	1200	788	9.50	82.9
S	4	17 1/2	DS-J	EW1212	2-16,1-18	INC	384	INC	-384	12.00	-32

B | BIT #4-UR-XO-9.5"DC-ANADRILL MWD-FILTER SUB-XO-7.75"DC-STAB-BARIOD MWD-PONY
H | COLLAR-6 7.75"DC-JARS-1 7.75"DC-XO-12 6.75"DC. TOTAL BHA 773.33' (WT. 80K)
A |

[illegible]

2 SODA ASH
DISTRICT FILE

DATE 07/29/86

SH WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/WELLS
 Present Activity DRILLING AHEAD.

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 2
Lease OCS-Y 871	Present Depth 702'	Est. Days 34
Well Number # 1	Footage Drilled 316	Days +/- 0
Work Order # 268121	Size & Depth of Last Casing:	30" " @ 383'

6.0 HRS FINISH TIH W/26" BIT. JUMP DIVER TO GET INSIDE OF 30" CSG. CLEANED OUT TO 384', DRILLED TO 412', POH. (USED AIRLIFTS)

3.5 HRS SET 4 MORE ANCHORS (NOW HAVE 8 ANCHOR SPREAD) RAN 30" LATCH ON END OF RISER, LATCHED ONTO 30", TOOK 20K PULL, O.K.

2.5 HRS RAN BIT #3, INSTALLED/TEST BARIOD BATTERY PACK/TOOL. HELD DIVERTER DRILL.

2.5 HRS DRLG F/412' T/536'.

1.0 HRS WORK ON CANMAR MUD PUMPS.

2.5 HRS DRLG F/536' T/702'.

100' CEILING, VIS 1/2 MILE IN FOG. TEMP -1.5 C WIND 320 @ 5KTS, 1015 MILLBAR

*** THIS RPT (18 HRS) ENDS AT 2400 HRS AS WILL FUTURE RPT'S.***

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date: 0

Pump Pressure @ Kill Speed:

Last BOP Test: 07/26/86

Directional Surveys Received

Coordinates of Last Shot

OCS District Office									
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction	
				JUL 29 1986					
						TVD	Sec	N / S E / W	
Minerals Management Service									

TIME	Rotating	5.00 Trips	4.00 Survey	Jet
	Cum. Rot	5.00 D.D.	C & C	Cut DL
(HRS)	BHA Insp	5.00 Reamg.	Repair 1.00	Other 8.00

Daily
Cumula

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.0	12	220	952	2400		/

Daily
Cumula

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA	140K	2-16	130	.91 KFTLB	140K /140K

Author
(+/-)

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	2RR	26"	S3S-J	173735	16-16-16	1-1-I	384	412	28	0.25	112
S	3	12 1/4	DS-CJ	EW6971	12-16.1-18	INC	412		-412		

B BIT #3-XO-9.5" DC-MWD(ANADRILL)-FILTER SUB-XO-7.75"DC-STAB-MWD(BARIOD)-PONY
 H COLLAR-6 7.75"DC-DAILEY JARS-1 7.75"DC-XO.
 A

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
N	10.3	.535	50	14 /29	23/30	10.5	3	NC	492 BAR
U	Pf/Mf	Pm	C1	Ca	Sand	Solids	Oil%	MBT	70 GEL
D	.7 /1.5	1.1	19000	320	.5 %	11	0	25.0	2 CAUSTIC
ADDING SALT FOR FREEZE PROTECTION.									2 SODA ASH
									7 SALT

DATE 07/27/86

SUN WESTERN RAP INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/WELLS
 Present Activity AIR LIFTING GLORY HOLE

Elevation KB to MSL 38.4
 Water Depth 117

Field CORONA	Prog. Depth 10000	Day Number 0
Lease OCS-Y 871	Present Depth 386'	Est. Days 34
Well Number # 1	Footage Drilled 0	Days +/-
Work Order # 286121	Size & Depth of Last Casing:	30" " 383'

8.0 HRS. STEAMING TO CORONA LOCATION. ARRIVE NEAR LOCATION AT 12 NOON. MANY LARGE FLOES IN AREA. MIXED 900 BBLs. OF HI-VIS MUD AFTER RIG GOT IN DEEPER WATER. TESTED BOP ON STUMP. ^{9/27}

SUMMARY 11.0 HRS. MOVED ON LOCATION & SET #7 ANCHOR @ 20:07 HRS. SET ANCHORS 6, 9, & 2. HEADING N82E. INSPECT GLORY HOLE W/MINI-ROV. HAD 5' TO 10' OF FILL.

OF 1.0 HRS. RIGGED & RAN 2 AIR-LIFTS. (OUTSIDE OF BEAMS)

6.0 HRS. CLEANING GLORY HOLE W/AIR-LIFTS.

OPERATIONS

WIND 3 KTS. @ 280 DEG, CEIL. 500', VIS. 3 MI. W/ FOG IN THE DISTANCE,
 TEMP. 3C, BAR. 1018.3. PEOPLE ON BOARD 82.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 0
 Pump Pressure @ Kill Speed: Last BOP Test: 07/26/86

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

TIME	Rotating	Trips	Survey	Jet
(HRS)	Cum. Rot	D.D.	C & C	Cut DL
	BHA Insp	Reamg.	Repair	Other 24.00

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	8.0	12					/

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Author
DATA					/	(+/-)

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
---	-----	------	------	--------	------	--------	----	-----	---------	-------	-------

I											
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T											
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S											
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B											
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H											
---	--	--	--	--	--	--	--	--	--	--	--

A											
---	--	--	--	--	--	--	--	--	--	--	--

JUL 30 1986

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M	10.6	.551	55	10 / 42	28 /	10.5		/	BAR 825
U	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	GEL 511
D	.7 / 1.6	1.6	38000	460	0 %	0	20		CAUSTIC 15
									SODA ASH 15
									SALT 96

Management Service
 Anchorage, Alaska

DISTRICT FILE

Rig Name EXPLORER II

Shell Drilling Foreman BROWNING/WELLS

Present Activity ENROUTE TO LOCATION

Elevation KB to MSL 38.4

Water Depth 117

Field CORONA

Lease OCS-Y 871

Well Number # 1

Work Order # 286121

Prog. Depth 10000

Present Depth 386'

Footage Drilled 0

Size & Depth of Last Casing:

Day Number 0

Est. Days 34

Days +/-

30" " 383'

SUMMARY

11.8 HRS. ANCHORED OUT IN THE WINTER STORAGE AREA DOING PRESEASON MAINTENANCE. WAITING ON ICE. MADE HELICOPTER ICE RECON FLIGHT. THERE WAS STILL A 9/10THS COVERAGE OF ICE FOR THE FIRST FIFTEEN MILES OF THE PATH TO CORONA. HOWEVER, THE REST OF THE DISTANCE HAD ONLY SCATTERED FLOES OF FROM 0.3 TO 0.7 COVERAGE. THE REQUIRED HULL SURVEYS FOR THE EXPLORER II AND THE ROBERT LEMEURE WERE MADE. THE RIG PULLED ANCHOR AND HEADED FOR CORONA AT 16:35 HRS.

12.5 HRS. UNDER TOW TO CORONA. LOCATION AT 05:00 HRS. IS LAT 70 20 22.9N, LON 146 22 47.9W. SPEED IS 4.3 KTS. ETA IS ABOUT NOON.

OPERATIONS

WIND CALM, CEIL. 7000', VIS. 15 MI, PREC. RAIN, TEMP. 6.0C, BAR. 1009.6, PEOPLE ABOARD 79.

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date: 0

Pump Pressure @ Kill Speed:

Last BOP Test: 07/01/86

Directional Surveys						Coordinates of Last Shot			
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction	
						TVD	Sec	N / S	E / W

TIME	Rotating	Trips		Survey		Jet		
(HRS)	Cum. Rot	D.D.	Reamg.	C & C	Repair	Cut DL	Other	24.00
	BHA Inap							
HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV	
DATA	6.0	12					/	

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Author
DATA					/	(+/-) 1

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T											
S											
B											
H											
A											

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	Service
M	10		/	/				/	NONE	Managers
U	Pf/Nf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
D	/				%			-		

Received

ESS District Office

JUL 28 1986

File Name EXPLORER 11

Shell Drilling Foreman BROWNING

Present Activity

CONFIDENTIAL

Elevation KB to MSL 38.4

Water Depth	117
-------------	-----

Field CORONA

Lease OCS-Y 871

WE : Number # 1

Work Order # 266121

Prog. Depth 10000

Present Death	396'
---------------	------

Footage Drilled 0

Size & Depth of Last Casing:

Day Number:

Est. Days

Days +/-

30" " @ 353

SUMMARY

OF

OPERATIONS

4.5 HRS. ANCHORED OUT IN THE WINTER STORAGE AREA. MADE OVER-FLIGHT OVER CORONA. NO CHANGE. STILL NEARLY 10/10THS COVERAGE OF OLD ICE. A FEW VERY NARROW CRACKS IN THE ICE BUT THEY ARE MOSTLY FROZEN OVER. REPORTED OIL SPILL TO LEGG AND MMS. SPILLED SMALL AMOUNT OF DIESEL OIL OVERBOARD ONTO ICE. TANK OVERFLOWED THROUGH VENT WHILE TRANSFERRING FUEL. ALL CLEANED UP BY PUMPING AND SORBENT PADS. ACTUALLY NO OIL GOT INTO THE SEA.

19 5 HRS. RIG RELEASED FOR WINTERIZING AT 10:30AM, 10/30/85. STARTED PRE-
PARING RIG FOR WINTER STORAGE.

WEATHER: WIND BKTG AT 40, TEMP -200, CIEL 800', VIS 2MI, BAR 1021.0, THE ICE
IS 10/100'S, 2' THICK, AND HAS NO MOVEMENT AT OUR PRESENT LOCATION.

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date:

Pump Pressure @ Kill Speed:

Last BOP Test: 10/11/85

Directional Surveys

Coordinates of Last Shot.

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

TIME	Rotating	Trips	Survey	Jet	
	Com. Rot	11.00 D.D.	C & C	Cut DL	
(HRS)	BHA Insp	Reaming	Repair	Other	24.00

COST DATA

HYDRAULIC	Liner	Stroke	GPM	GPM	PSI	HP	AV / CV
DATA	6.5	12					/

Daily Mud	\$	_____
Cumulative Mud	\$	_____
Daily Well	\$	_____
Cumulative Well	\$	_____

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
---------------	-----------	------------	-----	--------	------------

Authorized \$ _____
(+/-) Target \$ _____

[illegible]

RECEIVED

RECEIVED

~~OCs DISTRICT OFFICE~~

	PPG	IGrad	Vis	PV/YP	IGels	pH	Cake	WL-API	HTHF/Tem
M		IG		/	/				/
U	Pf/Mf	IPm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf. Lime
D	/			%					

Mod Additions | NOV 1 1985
NONE
MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

10/31 05:25

8308047

#01 OF 01

File 8

DATE 11-11-64 SHELL WESTERN EXP INC DAILY DRILLING REPORT PAGE 1 OF 1

Rig Name	EXPLORER II	Elevation KB to MSL	38.4
Shell Drilling Foreman	BROWNING	True Depth	117
Present Activity	WAIT ON ICE BEHIND MCCLURE IE		

CONFIDENTIAL

Field <u>CORONA</u>	Prop. Depth <u>10000</u>	Day Number <u> </u>
Lease <u>005-V 671</u>	Present Depth <u>3267</u>	Est. Days <u> </u>
Well Number <u># 1</u>	Footage Drilled <u>0</u>	Days +/- <u> </u>
Work Order # <u>246121</u>	Size & Depth of Last Casing: <u>30" " @ 363</u>	

24 12 HRS. ANCHORED OUT IN THE WINTER STORAGE AREA, COULD NOT MAKE OVER-FLIGHT
TO CORONA BECAUSE OF BELOW MINIMUM WEATHER CONDITIONS.

SUMMARY

05

OPERATIONS

WEATHER WIND 15 KTS, W, TEMP -19C, CLR, VIS 15MI, BAR 1014.3, THE ICE
IS 10/12 THICK, 2' THICK, AND HAS NO MOVEMENT AT OUR PRESENT LOCATION

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: _____
Pump Pressure @ Kill Speed: _____ Last BOP Test: 10/11/85

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

TIME	Rotating	_____ Trips	_____ Survey	_____ Jet	_____
	Cum. Rot	11.00 D.D.	_____ C & C	_____ Cut DL	_____
(HRS)	BHA Insp	_____ Reamg.	_____ Repair	_____ Other	24.00

COST DATA

Daily Mud	\$	_____
Cumulative Mud	\$	_____
Daily Well	\$	_____
Cumulative Well	\$	_____

HYDRAULIC	Linear	Stroke	SPM	GPM	PSI	H-P	AV / CV
DATA	6.5	12					/

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized (+/-) Target	\$
							\$

[illegible]

SECRET

PPG Grad	Vis	PV/YP	Gels	pH	Cake/Wt-API	HTH-P/Temp	Mud Additions	
ID		/	/				NONE	
Pf/Mf Pm	Cl	Ca	Sand	Solids	Oil % MBT	Sulf.	Lime	
/			%					

30" " 383

001 07 01

Rig Name EXPLORER II Shell Drilling Foreman BROWNING/ROTH

Present Activity WAIT ON ICE BEHIND MCLURE IS

Field CORONA Prog. Depth 10000 Present Depth 3867

Lease OCS-Y 871 Well Number # 1 Work Order # 266121

Size & Depth of Last Casing: 30" 383'

Day Number Est. Days Days +/-

24.0 HRS. ANCHORED OUT IN THE WINTER STORAGE AREA. MADE OVER-FLIGHT TO CORONA

AND SAW A OF ICE A FOOT OR MORE THICK. A GOOD BIT

OF THE AREA IS COVERED WITH OLD ICE OBVIOUSLY VERY THICK AND BADLY

RIDGED. THERE IS ALMOST NO OPEN WATER TO BE SEEN AT THIS TIME. AT

THE RIG WE HAVE 10/10THS COVERAGE AND THE BLACK THE

KGORIAK WAS STILL NOT INTO FORT AT 10PM LAST NIGHT. HE REPORTED HIS

PROGRESS AS VERY SLOW GOING.

OPERATIONS

WEATHER: W TEMP -24.6C, CLOUDS SCAT, VIS 15MI, BAR 1018.7, 10

AT OUR PRESENT LOCATION.

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date:

Pump Pressure @ Kill Speed:

Last BOP Test: 10/11/85

Directional Surveys

Coordinates of Last Shot

Depth Angle Direction Depth Angle Direction

TVD Sec N / S E / W

TIME Rotating Trips 11.00 D.O. C & C Repair

(HRS) BHA Insp Reams

HYDRAULIC Liner Stroke SPM GPM PSI H-P AV / CV

DATA 6.5 12

DRILLING Hook Load Bit Weight RPM Torque IDrag Up/Dn

DATA (+/-) Target

B Bit Size Type Serial Jets T.B.G. In Out Footage Hours Ft/Hr

S T I

Received

OCT 28 1985

Mud Additions Minerals Management Service Anchorage, Alaska

PPG Grad Vis PV/YP Cells PH Cake W-L-API HTHP/Temp

U P/Mt Pm CI Ca Sand Solids 0.1% MBT Gult. Lime

D / %

10/30 06:47

8308047

#02 OF 02

PAGE 1 OF 1

PAGE 1 OF 1

Rig Name <u>EXPLORER II</u>	Elevation KB to MSL	<u>38.4</u>
Shell Drilling Foreman <u>BROWNING/ROTH</u>	Water Depth	<u>117</u>
Present Activity <u>WAIT ON ICE BEHIND MCCLURE IS.</u>	CONFIDENTIAL	
Field <u>CORONA</u>	Prog. Depth	<u>10000</u>
Lease <u>OC5-Y 871</u>	Present Depth	<u>386'</u>
Well Number <u># 1</u>	Footage Drilled	<u>0</u>
Work Order # <u>266121</u>	Size & Depth of Last Casings:	<u>30" 383</u>
	Day Number	<u> </u>
	Est. Days	<u> </u>
	Days +/-	<u> </u>

24. D FRS. ANCHORED OUT IN THE WINTER STORAGE AREA.

Received
OCS District Office

SUMMARY

OCT 28 1985

OF

OPERATIONS

Minerals Management Service
Anchorage, Alaska

WEATHER: WIND ~~XXXXXXXXXXXX~~ TEMPERATURE -22C (16F) SEAS: 1.5 (5) FT. BAR: 1026.2. ICE
CONCENTRATION 10% WITH NO MOVEMENT AT OUR PRESENT LOCATION
LOCATION.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 0
Pump Pressure @ Kill Speed: 10000 Last BOP Test: 10/11/85

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec.	N / S E / W

TIME	Rotating	_____ Trips	_____ Survey	_____ Jet	_____
	Cum. Rot	<u>11.00</u> D.D.	_____ C & C	_____ Cut Di.	_____
(HRS)	BHA Insp	_____ Reaming	_____ Repair	_____ Other	<u>24.00</u>

COST DATA

Daily Mud	\$	_____
Cumulative Mud	\$	_____
Daily Well	\$	_____
Cumulative Well	\$	_____

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	H+P	AV	CV
DATA	6.5	12						/

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
					/

Authorized \$ _____
(+/-) Target \$ _____

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H
---	-----	------	------	--------	------	--------	----	-----	---------	-------	------

[illegible]

SECRET

M	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-AP	HTHP/Temp	Mud Additions	
U		D		/	/					NONE	
D	Pf/Mf	IPm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	
	/				%						

10/29 07:07

8308047

#01 OF 01

PAGE 1 OF 1

WAIT ON ICE BEHIND MCCLURE 15

CONFIDENTIAL

30" " 2 383

CF

OPERATIONS

24.0 HRS. ANCHORED OUT IN THE WINTER STORAGE AREA. MADE OVERFLIGHT TO CORONA ICE THERE IS WORSE THAN YESTERDAY. THIS FLIGHT ALSO FLEW OVER TO THE MARINE TWO SUPPLIER 1. BOTH OF WHICH WERE STUCK IN THE ICE NEAR BARTER ISLAND. THE HELICOPTER STEERED THE ICEBREAKER TO BETTER ICE AND HE GOT FREE. AT DARK THEY WERE STILL MOVING SLOWLY. BARTER'S ICE IS PRESSURED AND CRACKED. EVEN THOUGH I SAW NO CRACK ICE. IT IS 2' THICK IN PLACES. THE ROBERT LEMEUR STARTED TO CORONA BUT THE TRIP WAS CANCELLED BECAUSE OF THE DANGER OF HIS GETTING STUCK IN THE ICE.

WEATHER: WIND -20-40, CELL 6500', VIS 10MI, BAR 1029.2, ICE
CONCENTRATION 10% WITH NO MOVEMENT AT OUR PRESENT LOCATION.
LOCATION.

Number of Accidents Year to Date:

Last BOP Test: 10/11/85

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

COST DATA

Daily Mud	\$	1.00
Cumulative Mud	\$	1.00
Daily Well	\$	1.00
Cumulative Well	\$	1.00

Authorized \$ _____
(+/-) Target \$ _____

[illegible]

B
H
A

Received
OCS District Office

M	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	UL-AP1	HT-P/Temp	Mud Additions
U	10			/	/					NONE
D	Ft/Mt	IPm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime
	/				%					

Minerals Management Service
Anchorage, Alaska

10/28 06:18

8308047

#01 OF 01

1011. 234

Name: EXPLORE

100-443888-1000

Element Activity

WAIT ON ICE BEHIND MCCLURE IS

Elevation KB to MSL 38.4

Water Depth	117
-------------	-----

Model CORONA

X-15-Y B7D

100-111791-#1

Work Order # 266121

Pres. Depth 10000

PRESENT DEPTD XXC

Footage Drilled 0

Size & Depth of Last Casing:

Day Number

11/11/11 11/11/11

Days +/-

30" " 38.5

CONFIDENTIAL

SUMMARY

ZUL HSE ANCHORED OUT IN THE WINTER STORAGE AREA. THE ICE IN THIS AREA IS
1-1/4 FEET THICK. MADE OVERFLIGHT TO THE CORONA SITE. THE ICE AT
CORONA IS MOSTLY IN [REDACTED] TION. THE LARGE FLOOD ARE
JUST NORTH OF THE LOCATION AND COVERAGE IS STILL 7/10THS+. A STAR
FLIGHT FILM WHICH CAME IN ON THE CREW CHANGE PLANE CONFIRMED THIS
PICTURE. THE KGORAC WENT TO THE SCENE, TOO, AND VERIFIED THE ICE
THICKNESS. WE CANNOT WORK THERE. THE KGORAC WAITED JUST TO THE
SOUTH OF CORONA FOR SUPPLIER 1. THEY DEPARTED FOR IUK AT 2100HRS.

OPERATIONS

TEMP -200, CEIL 500', VIS 10MI, BAR 1015.5, ICE
CONCENTRATION 90% AT OUR PRESENT LOCATION

Number of Accidents Last 24 Hours: _____ Number of Accidents Year to Date: _____

Pump Pressure @ Kill Speed:

Last BOP Test: 10/11/85

Directional Surveys

Coordinates of Last Clot

Depth	Angle	Direction	Depth	Angle	Direction	M.D.	Angle	Direction
						TVD	5sec	N / S E / W

TIME	Rotating	_____	Trips	_____	Survey	_____	Jet	_____
	Cum. Rot	11.00	P.D.	_____	C & C	_____	Cut DL	_____
(HRS)	BHA insp	_____	Reams	_____	Repair	_____	Other	24.00

COST DATA
Received

OCS District Office

Daily Mud \$ _____
Cumulative Mud \$ _____
Daily Well \$ _____
Cumulative Well \$ _____

HYDRAULIC DATA	LINE	CL. INCH	CPM	CPM	REV	WHR	AY / PM
	6.5	12					/

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
---------------	-----------	------------	-----	--------	------------

Minerals Management Service
(+/-) Anchorage, Alaska

[illegible]

PPG	Grad	Vin	PV/MP	IG/L	PI	Core	WL	API	IT	P/Tems	Mod	Additions
	D		/	/							NONE	
P+/M+	IPm	CI	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime			
/				%								

10-29-85

1 2 3 4 5 6 7 8

共 6 处

DATE 10/24/85

SHELL WESTERN E&P INC. DAILY DRILLING REPORT

PAGE 1 OF 2

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/ROTH
 Present Activity WAIT ON ICE BEHIND MCCLURE 15.

Elevation KB to MSL 38.4
 Water Depth 117

CONFIDENTIAL

Field CORONA Prog. Depth 10000 Day Number
 Lease OCS-Y 871 Present Depth 386' Est. Days
 Well Number # 1 Footage Drilled 0 Days +/-
 Work Order # 266121 Size & Depth of Last Casing: 30" 383'

SUMMARY
 24.0 HRS. MOVED RIG TWO MILES AND ANCHORED OUT IN THE WINTER STORAGE AREA.
 THE ICE IN THIS AREA IS 1 1/4 FEET THICK. MADE OVER FLIGHT TO THE
 CORONA SITE, THEN 40 MILES NORTH, THEN TO BELCHER, BACK TO CORONA,
 THEN RETURNED TO DEADHORSE. THE ICE MAP MADE FROM THIS FLIGHT WAS
 VERY LITTLE DIFFERENT. THERE IS STILL MASSIVE ICE AT ALL LOCATIONS
 AND THERE IS VERY LITTLE REASON TO BELIEVE THAT THE WORSENING ICE
 TREND WILL REVERSE. STARTED LAYING DOWN BHA IN PREPARATION FOR THE
 CESSATION OF OPERATIONS. WHEN ASKED IF HE WOULD TAKE THE EXPLORER
 II OUT AGAIN, THE CAPTAIN SAID HE WOULD NOT UNDER THESE CONDITIONS.
 THE HOLE IN THE BOW OF THE EXPLORER II WAS TEMPORARILY REPAIRED.
OPERATIONS
 WEATHER: WIND 7 KTS TEMP -16C CEIL 1500' VIS 15M BAR 1005.8 ICE
 CONCENTRATION 20 MILES WITH NO MOVEMENT AT OUR PRESENT LOCATION.
 LOCATION.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date:
 Pump Pressure @ Kill Speed: Last BOP Test: 10/11/85

Directional Surveys						Coordinates of Last Shot		
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

TIME | Rotating | Trips | Survey | Jet | COST DATA
 | Cum. Rot | 11.00 D.D. | C & C | Cut DL | Received
 (HRS) | BHA Insp | Reams. | Repair | Other 24.00 | OCS District Office
 HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | HHP | AV / CV | Daily Mud \$
 DATA | 6.5 | 12 | | | | | | Cumulative Mud \$
 | | | | | | | | Daily Well \$
 | | | | | | | | Cumulative Well \$

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn | Authorized Management Service
 DATA | | | | | | | Minerals Anchorage, Alaska

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
1											
T											
S											

B |
 H |
 A |

	PPG	IGrad	Vis	PV/YF	Gels	pH	Cake	WL-API	HT-P/Temp	Mud Additions
M	0									NONE
U	Pt/Mt	IPm	Cl	Ca	Sand	Solids	Oil	MBT	Sulf.	Lime
D										

10/26 05:09

8308047

#01 OF 01

DATE 10/23/85

SHELL WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/WILLOUGHBY
 Present Activity WAIT ON ICE BEHIND MCCLURE IS.

Elevation KB to MBL 38.4
 Water Depth 117

CONFIDENTIAL

Field CORONA Prog. Depth 10000 Day Number
 Lease OCS-Y 871 Present Depth 386' Est. Days
 Well Number # 1 Footage Drilled 0 Days +/-
 Work Order # 266121 Size & Depth of Last Casing: 30" 363'

Received by
 CS District Office
 MARY
 OCT 23 1985
 OPERATIONS

24 HRS. WAIT ON ICE AND WEATHER. COULD NOT FLY RECON FLIGHT BECAUSE OF WEATHER BELOW ERA FLIGHT MINIMUMS. CONTACTED KGORIAK ICEBREAKER JUST AFTER HE CROSSED THE INTERNATIONAL BOUNDARY AND ASK HIM TO OBSERVE THE ICE AT BELCHER AND CORONA ON HIS WAY TO THE EXPLORER II AND CONFIRM THE ICE MAP FOR 9PM, 10-21-85, WHICH WE HAD UPDATED TO 11AM 10-22-85. THE CAPTAIN SAW 10/10THS MULTI/YEAR ICE AT BELCHER AND TOLD US TO "FORGET IT". THAT AGREED ALMOST EXACTLY WITH WHAT OUR UPDATED ICE MAP WAS TELLING US. HE REPORTS 10/10THS COVERAGE AT CORONA (8/10THS 1ST/YR W/ RIDGING AND 2/10THS 2ND/YR). BARTER HAS A MODERATE COVERAGE OF 2ND/YR ICE FLOES. WEATHER: WIND 24KTS AT 250, TEMP -10.8C, CEIL 500', VIS 3MI IN LIGHT SNOW, BAR 992.6, ICE CONCENTRATION 10/10THS WITH NO MOVEMENT AT OUR PRESENT LOCATION.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date:
 Pump Pressure @ Kill Speed: Last BOP Test: 10/11/85

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction

TIME | Rotating _____ Trips _____ Survey _____ Jet _____
 | Cum. Rot 11.00 D.D. _____ C & C _____ Cut DL _____
 (HRS) | BHA Insp _____ Reamg. _____ Repair _____ Other 24.00

COST DATA

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | HHP | AV / CV
 DATA | 6.5 | 12 | | | | | /

Daily Mud \$
 Cumulative Mud \$
 Daily Well \$
 Cumulative Well \$

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn
 DATA | | | | | /

Authorized \$
 (+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T											
S											

B	H	A	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-AP	HTHP	Temp	Mud Additions
M													NONE
U			Pf/Mf	IPm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	
D													

10/25 05:38

8308047

#01 OF 01

Water Depth	117
-------------	-----

30" " @ 383

OPERATIONS

7.0 HRS. FLEW OVER CORONA AT DAYLIGHT, WENT TOWARD CORONA WITH THE ROBERT LEMELUR. COULD NOT GET CLOSER THAN 1 KILOMETER. [REDACTED] 10" TO 12" AND THICK ENOUGH TO COMPLETELY STOP THE ICEBREAKER. THE ICE WAS PRESSURED AND CLOSED TIGHTLY BEHIND THE SHIP. THE FLYOVER SHOWED [REDACTED] ICE IN A 5 MILE RADIUS AROUND CORONA. THE WEATHER IS FORECAST TO TURN MUCH COLDER AND INCREASE FREEZING RATES. THE NEW ICE IS ALREADY 3" TO 10" THICK. RAN GREENE NOISE SURVEY.

13.5 HRS. SAIL TO HAVEN BEHIND MCCLURE TO WAIT ON ICE & WEATHER. ENCOUNTERED RIDGES OF HEAVY ICE ENROUTE. HAD WEST WINDS OF 45 KTS.

3.5 HRS. RUN ANCHORS AND WAIT ON ICE AND WEATHER TO IMPROVE.

WEATHER: WIND [REDACTED] AT [REDACTED] TEMP -17C, CEIL 1000', VIS 10MI IN OCC LIGHT SNOW, BAR 997.1. ICE CONCENTRATION 9/10THS WITH NO MOVEMENT AT OUR PRESENT LOCATION.

Last BOP Test: 10/11/85

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						TVD	Sec	N / S E / W

~~CONFIDENTIAL~~

~~OCS District Office~~

Daily Mud \$

Daily DET 22 1985

Cumulative Well \$

Minerals Management Service
 (+/-) Anchorage, Alaska

[illegible][illegible]

11

A

M I O / / / / / NONE.

[illegible]

#01 OF 01

Rig Name EXPLORER II
 Shell Drilling Foreman BROWNING/WILLOUGHBY
 Present Activity WAIT ON ICE NEAR CORONA

Elevation KB to MSL 38.4
 Water Depth 117

CONFIDENTIAL

Field CORONA Prog. Depth 10000 Day Number
 Lease OCS-Y 871 Present Depth 366' Est. Days
 Well Number # 1 Footage Drilled 0 Days +/-
 Work Order # 266121 Size & Depth of Last Casing: 30" 8 383

SUMMARY

OF

11.0 HRS. WAITING ON WHALE MIGRATION AND ICE. GOT WORD THAT WHALE MIGRATION WAS OFFICIALLY OVER. WHILE WAITING, FLEW OVERFLIGHT TO CORONA AND ABOUT 20 MILES NORTH. FOUND MORE OPEN WATER AND NEW ICE 20 MILES NORTH OF CORONA THAN AT THE LOCATION. THE LOCATION WAS COVERED BY MULTI/YEAR ICE BADLY RIDGED. MOVED THE EXPLORER II TO WITHIN 0.9 OF A MILE OF CORONA AND STOPPED AT THE BEGINNING OF THE OLD ICE.
 13.0 HRS. WAIT ON DAYLIGHT TO RECON CORONA AND MOVE THROUGH OLD ICE AREA.
 WEATHER: WINDS 8-20 KTS, TEMP -17.2C, SCAT CLDS, VIS 12MI, BAR 1014.3, ICE CONF. BATTERED BY AND MULTI/YR MOV.

OPERATIONS

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date:
 Pump Pressure @ Kill Speed: Last BOP Test: 10/11/85

RECEIVED

Directional Surveys OCS DISTRICT OFFICE Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction

MINERALS MANAGEMENT SERVICE
 ANCHORAGE, ALASKA

TVD Sec N / S E / W

TIME | Rotating | Trips | Survey | Jet | COST DATA
 | Cum. Rot | 11.00 D.D. | C & C | Cut DL |
 (HRS) | BHA Insp | Reamp. | Repair | Other | 24.00

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | HHP | AV / CV | Daily Mud \$
 DATA | 6.5 | 12 | | | | | | Cumulative Mud \$
 | | | | | | | | Daily Well \$
 | | | | | | | | Cumulative Well \$

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn | Authorized \$
 DATA | | | | | | | (+/-) Target \$

B | Bit | Size | Type | Serial | Jets | T.B.G. | In | Out | Footage | Hours | Ft/H

I | | | | | | | | | | | |
 T | | | | | | | | | | | |
 S | | | | | | | | | | | |

B | | | | | | | | | | | |
 H | | | | | | | | | | | |
 A | | | | | | | | | | | |

PPG | Grad | Vis | PV/YF | Gels | pH | Cake/WL-APII | HHP/Temp | Mud Additions
 M | 10 | | | | | | | NONE
 U | P/Mt | Pm | Cl | Ca | Sand/Solids | Oil% | MBT | Sulf. | Lime
 D | | | | | | | | | |

#01 OF 01

Elevation KB to MSL 38.4
Water Depth 117

24.0 HRS. WAITING FOR WHALE MIGRATION TO END. RIG PARKED BEHIND MCCLURE ISLAND. REPAIRED 17 1/2' BIT. LOWERING KILL LINE ON BOP. ALSO MAKING OTHER REPAIRS CALLED FOR IN THE SAFETY AUDIT. REPAIRING PLECKNEE.

SUMMARY

OPERATIONS

~~CONFIDENTIAL~~

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: _____
Pump Pressure @ Kill Speed: _____ Last BOP Test: 10/11/85

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	TVD	Sec	N / S E / W

TIME Rotating Trips Survey Jet										COST DATA		
Cum. Rot. 11.00 D.O. C & C Cut DL												
(HRS) BHA Insp Reams. Repair Other. 24.00												
										Daily Mud	\$	
										Cumulative Mud	\$	
HYDRAULIC Liner Stroke SPM GPM PSI HHP AV / CV										Daily Well	\$	
DATA 6.5 12 /										Cumulative Well	\$	

SKILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized (+/-) Target	\$
					/		\$

[illegible]

Received
OCS District Office

M	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	
U										NONE	OCT 18 1985
D	Pf/Mf	IPm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	
					%						
	Minerals Management Service										
	Anchorage, Alaska										

DATE 10/17/85

WESTERN E&P INC DAILY DRILLING REPORT

PAGE 1 OF 1

Rig Name EXPLORER IIElevation KB to MSL 38.4Shell Drilling Foreman BROWNING/WILLOUGHBYWater Depth 117Present Activity WAITING ON WHALES AT MCCLURE IS.Field CORONAProg. Depth 10000Day Number Lease OCS-Y 871Present Depth 386'Est. Days Well Number # 1Footage Drilled 0Days +/- Work Order # 266121

Size & Depth of Last Casing:

30" @ 383'24.00 HRS RIG OFF CORONA LOC. UNABLE TO MANAGE ICE DUE TO WHALE MIGRATION.

SUMMARY

24.0 HRS. WAIT ON WHALE MIGRATION TO END. MADE HELICOPTER OVERFLIGHT TO THE CORONA LOCATION. ICE AT CORONA 8/10.

OF

WEATHER: W 74 DEG, Received SC, CEIL 500', VIS 5MI, BAR 1008.7, OCS District OfficeTEMP -12°

OPERATIONS

OCT 17 1985**CONFIDENTIAL**Minerals Management Service
Anchorage, AlaskaNumber of Accidents Last 24 Hrs: 0Number of Accidents Year to Date: Pump Pressure @ Kill Speed: Last BOP Test: 10/11/85

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	MD	Angle	Direction
						TVD	Sec	N / S E / W

TIME	Rotating	Trips	Survey	Jet
	Cum. Rot	D.D.	C & C	Cut DL
(HRS)	BHA Insp	Reamg.	Repair	Other

11.00 24.00

COST DATA

Daily Mud	\$	
Cumulative Mud	\$	
Daily Well	\$	
Cumulative Well	\$	

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HHP	AV / CV
DATA	6.5	12					

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA					

Authorized	\$	
(+/-) Target	\$	

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
---	-----	------	------	--------	------	--------	----	-----	---------	-------	-------

1											
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T											
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S											
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B											
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H											
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A											
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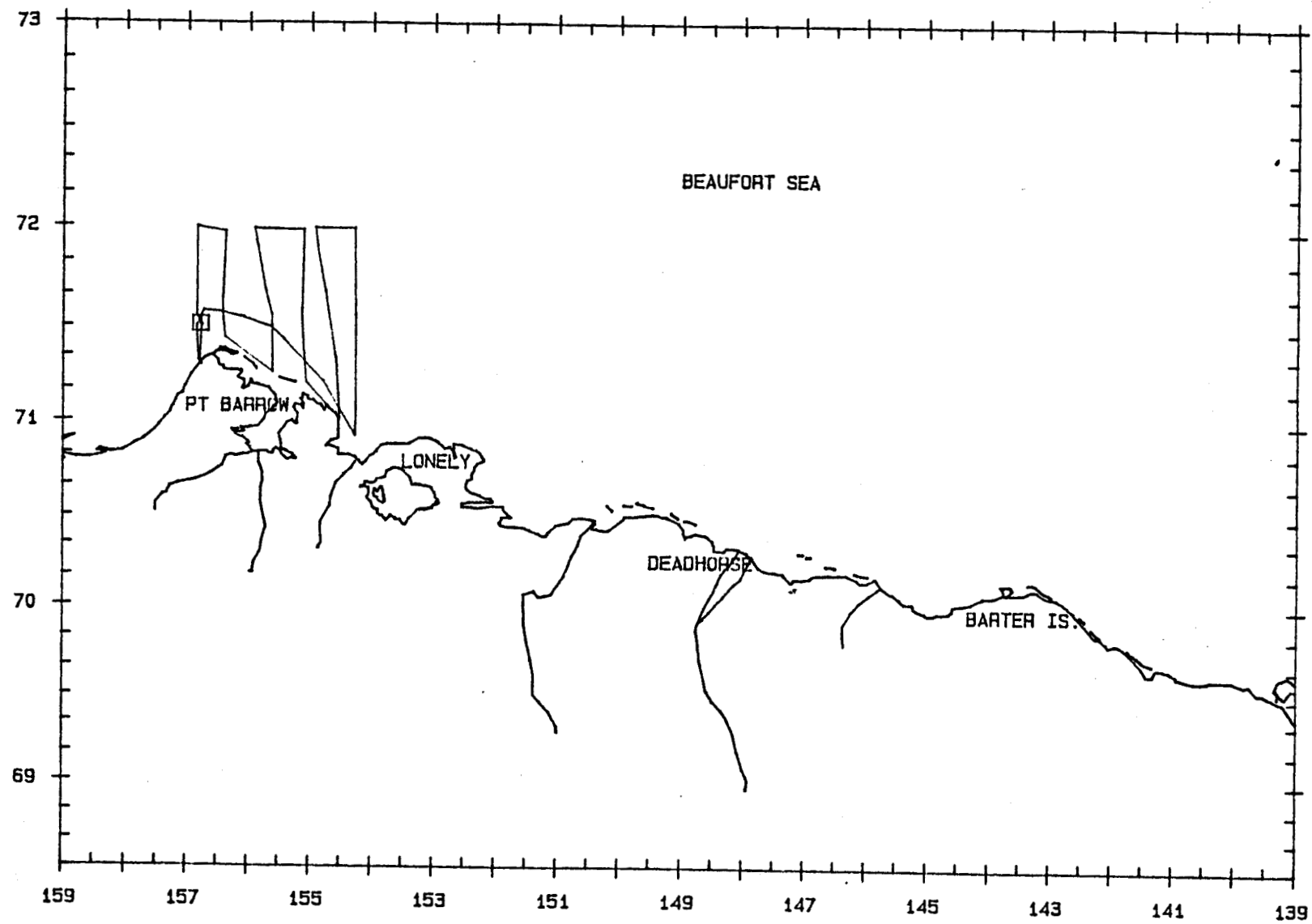
PPG	Grad	Vis	PV/YP	Gels	pH	Calc	WL-API	HTHP/Temp	Mud Additions	
M	0								NONE	
U	P4/M4	IPm	Cl	Ca	Sand	Solids	Oil	MBT	Sulf.	Lime
D										

10/17 05:46

8308047

#01 OF 01

OCT 16 1985



10/16/85
 AIRCRAFT BLOCK INDIVIDUAL SITE OR NUMBER ADULT HDG ESTIMATED RATE
 /GROUP BOUNDARY /SP. OR (MAG) /GEN. BEHAVIOR
 C/CLF
 N780 12 A:INDIV 71 30.7 1 ADULT 100 SLOW
 156 47.0 RH SWIMMING

10/16/85
 AIRCRAFT BLOCK FLIGHT PORTION ICE WEATHER
 (FLT#) HRS. IN FLOWN COVER VISIBILITY
 BLOCK BEAUFORT STATE
 N780 12 3.0 ALL 10-99% OVERCAST TO CLEAR
 (62) UNLIMITED
 B0-B3

GENERAL COMMENTS:

LGL(SHELL) AND LGL(UNION)- NO WHALES
 LGL(INDIVIK)- NO FLIGHT DUE TO WEATHER

PAGE 1 OF 1

Elevation KB to MSL	38.4
Water Depth	11.7

Field <u>CORONA</u>	Prog. Depth <u>10000</u>	Day Number <u> </u>
Lease <u>OCS-Y 871</u>	Present Depth <u>386'</u>	Est. Days <u> </u>
Well Number <u># 1</u>	Footage Drilled <u>0</u>	Days +/- <u> </u>
Work Order # <u>266121</u>	Size & Depth of Last Casing: <u>30" " @</u>	<u>383</u>

24.00 HRS RIG OFF CORONA LOC. UNABLE TO BRK ICE DUE TO WHALE MIG.
4.5 HRS. DRILLING ERIC GLORY HOLE TO 193.2'. HOLE IS 38.3' DEEP. HAD TO END
DRILLING AND PREPARE TO MOVE OFF LOCATION FOR ICE AND IMPENDING
STORM. HIGH WINDS AND RAPIDLY MOVING ICE FORECASTED. RIG DOWN.
2.0 HR. RAN GLORY HOLE PROFILE W/ DOME SURVEY. ONLY TOOK FOUR SUCCESSFUL
CROSS-SECTIONS BECAUSE RIG BEING PUSHED OFF LOCATION BY MOVING ICE
AND HIGH WINDS (55 KTS.)
2.0 HRS. PULLED ANCHORS. OFF BOTTOM: #2 @ 12:30, #3 @ 12:43, #7 @ 13:20, AND
#6 @ 14:00.
15.5 HRS. TOW TO MCCLURE ISLAND. ENCOUNTERED WINDS [REDACTED] KTS. WE
ARE PRESENTLY 7 MILES FROM MCCLURE ISLAND.
WEATHER: WIND [REDACTED] KTS. TEMP. -5C, BAR 1005.5, CEILING UNL, VIS. 15MI,
ICE CONC. 8/10.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date: 0
Pump Pressure at Kill Speed: 1000 psi Log Date: 10/11/85

Directions: GPS District Office | Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
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Minerals Management Service
Anchorage, Alaska

TIME	Rotating	3.50	Trips	1.00	Survey	Jet	COST DATA	
	Cum. Rot	11.00	D.D.		C & C	Cut DL		
(HRS)	BHA Insp		Reamg.		Repair	Other	19.50	Daily Mud \$

HYDRAULIC DATA	Liner	Stroke	SFM	GRM	PSI	H-P	AV / CV	Daily Well	\$
	6.5	12	170		3000		/	Cumulative Well	\$

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized	\$
DATA		10-40		17-14000	/	(+/-) Target	\$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T		17.5'	SPEC.				174.7	193.2	18.5	18.50	1
S							193.2				

B 1 17 1/2" BIT AND MARINE RISER TYPE AIR LIFTING SYSTEM FOR CIRCULATION

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HT-P/Temp	Mud Additions	
M	SW	10		/	/					NONE	
U	P+/M+	Pm	Cl	Ca	Sand	Slids	Oil%	MBT	Sulf.	Line	
D	/				%						

10/15 07:52

8308047

#01 OF 01

Elevation KB to MSL	<u>38.4</u>
Water Depth	117

Field <u>CORONA</u>	Prog. Depth <u>10000</u>	Day Number <u> </u>
Lease <u>OCS-Y 871</u>	Present Depth <u>386'</u>	Est. Days <u> </u>
Well Number <u># 1</u>	Footage Drilled <u> </u>	Days +/- <u> </u>
Work Order # <u>266121</u>	Size & Depth of Last Casing: <u>30" " @ 383</u>	

24.0 HRS RIG OFF LOC. UNABLE TO BRK ICE DUE TO WHALE MIG.
IN TRANSIT AT REPORT TIME TO ERIK LOCATION. ETA 1000 HRS. 10/13/85.
WEATHER; WIN [REDACTED] KTS. BECOMING WEST [REDACTED] KTS. 20F DEG.
ICE COVER; ICE RECCE. WAS FLOWN AT 1100 HRS. 10/12/85, TO CORONA AND ERIK,
1 TO 8 MILES OF OPEN WATER NORTH AND SOUTH FROM McCURE ISLANDS TO ERIK.
PRECST; FAIR WINDS MON. WEST/SOUTHWEST 15/25 KTS.
ICE CURRENT IS SOUTHWEST AT [REDACTED] KTS. AT PRESENT, SOUTHWEST 0.8/1.3 KTS.
FORECAST FOR MONDAY.
NO FORECAST FROM ENV. CAN. TODAY.

NOTE: 10/14/85 REPORT WILL SHOW CHARGES TO ERIK FROM 1500 HRS. 10/12/85

Number of Accidents Last 24 Hrs: _____ Number of Accidents Year to Date: _____
 Pump Pressure @ Kill Switch: _____ Last EO Test: 10/11/85

Directional Surveys Received

Coordinates of Last Shot

~~OCS District Office~~

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
-------	-------	-----------	-------	-------	-----------	-----	-------	-----------

~~CONFIDENTIAL~~ OCT 15 1985

Mine and Management Service
Anchorage, Alaska

TVD | Sec | N / S | E / W

TIME	Rotating	Trips	Survey	Jet
	Cum. Rot	11.00 D.D.	C & C	Cut DL
(HRS)	BHA Insp	Reams.	Repair	Other

COST DATA

Daily Mud	\$	_____
Cumulative Mud	\$	_____
Daily Well	\$	_____
Cumulative Well	\$	_____

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HP	AV / CV
DATA	6.5	12					

DRILLING DATA	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
---------------	-----------	------------	-----	--------	------------

Authorized \$ _____
(+/-) Target \$ _____

[illegible]

B
H
A

	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions	
M											
U	P+/M+	IPm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime	
D	/				%						

DATE 10/10/85

SHELL WESTERN E&P INC DAILY DRILLING REPORT

1100/15 PAGE 1 OF

Rig Name EXPLORER II Elevation KB to MSL 38.4
 Shell Drilling Foreman FOX, MARSHALL, COOK Water Depth 117
 Present Activity OFF LOC DUE TO ICE & WHALE MIG.

Field CORONA Prog. Depth 10000 Day Number
 Lease OCS-Y 871 Present Depth 386' Est. Days
 Well Number # 1 Footage Drilled Days +/-
 Work Order # 266121 Size & Depth of Last Casing: 30" " @ 383

24.0 HRS RIG OFF LOC. UNABLE TO BRK ICE DUE TO WHALE MIG. DRIFTING W/ ICE
 PM-STEAM ONLY TO POS RIG FOR DAYLIGHT MOVE BEHIND McCLURE (SHELTERED WATERS)
 WEATHER; WIND FROM TEMP 18.5 F. BP-1002mb.
 SUMMARY ICE COVER; THICK.
 ICE DRIFT; 10/11, 0240+DG290 @ 2K, 0300+DG289 @ 1.8K, 0500+DG291 @ 1.8K.
 OF FREEST; FAIRW-WINDS FRI @ 25-35+K, SAT SE @ 20-25K BACK TO N & MOD SUN & MON.
 ALSO-CONT W'LY ICE DR @ 1.8K DOWN TO .8K AND BECOMING S'LY ON SUN.
 FREEST; ENV CAN-GALE WRNGS TODAY, SAME THRU SAT. WINDS LT & VAR SUN, W'LY MON.
 OPERATIONS ****WHILE WO ICE/Whales; MOVE STACK TO STUMP & TEST; 250#/7500# ALL RAMS,
 VALVES & LINES OK. MOVE STACK BACK & MOVE LMRP TO STUMP-PREP TO TEST.
 ****SLAR FLIGHT @ 1100 HRS 10/9 (RIG TIME). WILL BE RUN DAILY NOW & SET UP
 TO BE TRANSMITTED, AS SOON AS FILM DEVELOPED, DIR TO DH AND THEN FLOWN TO RIG.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date:
 Pump Pressure @ Kill Speed: Last BOP Test: 10/04/85

Directional Surveys						Coordinates of Last Shot			
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction	
						TVD	Sec	N / S	E / W

TIME	Rotating	Trips	Survey	Jet	COST DATA				
	Cum. Rot	11.00 D.D.	C & C	Cut DL	Daily Mud	\$			
(HRS)	BHA Insp	Reame.	Repair	Other	Cumulative Mud	\$			
				24.00	Daily Well	\$			
					Cumulative Well	\$			

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	H-F	AV / CV		
DATA	6.5	12							

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized	\$		
DATA						(+/-) Target	\$		

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/H
1											
T											
S											

B	H	A	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions

Received
 OCS District Office

OCT 11 1985

Minerals Management Service
 Anchorage, Alaska

10/11 06:21

8308047

#01 OF 01

Rig Name EXPLORER II Elevation KB to MSL 38.4
 Shell Drilling Foreman FOX, MARSHALL, COOK Water Depth 117
 Present Activity OFF LOC DUE TO ICE & WHALE MIG.

Field CORONA Prog. Depth 10000 Day Number
 Lease OCS-Y 871 Present Depth 386' Est. Days
 Well Number # 1 Footage Drilled Days +/-
 Work Order # 266121 Size & Depth of Last Casing: 30" @ 383'

24.0 HRS RIG OFF LOC. UNABLE TO BRK ICE DUE TO WHALE MIG. DRIFTING W/ ICE
 @ 1.5-K. POS @ 0500 IS 16.4NM FROM CORONA, BRG FROM RIG TO COR 104.
 WINDS TEMP IS 10DEG F.
 ICE COVER: THICK.
 PRECST: ENV. CAN -WINDS TO SHIFT TO MOD TO STRNG SE FRI, MOD WEST SAT.
 FAIRW. -WINDS NE TODAY, DIM & E-SE FRI, BACK TO MOD NRTHLY BY SAT PM.
 DRIFT HAS SLOWED FROM 2.0K-HDG 268 TO 1.7K-HDG 283. (SLPP 1 ONLY.)

OPERATIONS *****WHILE WO ICE/WHALES; LD RISER, RD GH BIT & MOVE TO LEMEUR, PU DC & STAB
 17-1/2" BHA INCLDG MUD. GTTG ROY TO STUMP TEST BOP. ANALYST ROY.
 *****ICE RECCE MADE 0730-1030, 10/9; GOING WEST--9+/10 TO COR & H-D + 10 MI.
 GOING NEAST--9+/ & 10/10, IMPASS TO BLATZ W/O ICE BRKRS & TIME. BLATZ 10/10
 IN PACK ICE. NOTE: SLAR FLIGHT RUN 10/9 PM.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date:
 Pump Pressure @ Kill Speed: Last BOP Test: 10/04/85

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction

TIME	Rotating	Trips	Survey	Jet	COST DATA	
	Cum. Rot	11.00 D.O.	C & C	Cut DL	Daily Mud	\$
(HRS)	BHA Insp	Reamg.	Repair	Other	Cumulative Mud	\$
					Daily Well	\$
					Cumulative Well	\$

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HP	AV / CV
DATA	6.5	12					

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn	Authorized	\$
DATA						(+/-) Target	\$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T											
S											

B	H	A	PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTH-P/Temp	Mud Additions

M	U	D	Pf/Mf	Pm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.	Lime

10/05 09:45

CONFIDENTIAL

” 6

OPERATIONS

Last BOP Test: 10/04/85

Coordinates of Last Shot

COST DATA

Daily Mud	\$	_____
Cumulative Mud	\$	_____
Daily Well	\$	_____
Cumulative Well	\$	_____

Authorized \$ _____
(+/-) Target \$ _____

B | BIT, SEC 36" HO #6039 W/4-18'S, TOTCO RING, BIT SUB, 3 - 9-1/4" DC'S, 26" WBS #347
H | XO SUB, 2 - 8" DC'S, XO SUB, 1JT MWDP. (210.85') DR LG W/HWDP.
A |

Received
OCS District Office

Mud Additions | OCT 5 1985
95 GEL

Minerals Management Ser
Anchorage, Alaska

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1.0 HRS PU WH & PGB WASH TOOL. RIH & WASH. POOH.
2.5 HRS PU 30" RT STNGR, VETCO CAM TYPE 30" RT 30" LNDG STRING. RIH.
FLUSH 30" W/SW FROM 40' ABOVE SHOE. MU CAM RT. PULL 35000# OVER
WT OF 30" & LNDG STRG (160M TOT). PU 18SM W/DERRICK & 10M W/ GL.
30" DID NOT MOVE. ATTEMPT TO PUMP TO CK IF CMT OVERDISP WHILE
THRU STINGER WHEN RT JAMMED IN HOUS. UNABLE TO PUMP. PRESS JUMPED
TO 700 PSI & HELD FOR 5 MIN W/ NO LEAK OFF. REL CAM RT & POOH.
2.5 HRS RIH W/ WH & PGB WASH TOOL. WASH THOROUGHLY. JUMP DIVERS; NO CMT ON
PGB, PGB OFF BOT 1' +/- ALL CORNERS, HOUS OK. POOH. LD WASH TOOL.
2.5 HRS LD 36" HO & MU 26" BIT. RIH TO TOC. TOOK WT @ 348'. POOH.
2.0 HRS JUMP DIVERS TO RECOVER BULLSEYE & INSTALL COVER FOR 30" HOUS.
SHEAR GL & PULL AIRLIFT.
1.0 HRS PULLING ANCHORS. (LAST ANCHOR UP @ 0612 10/5) UNDERWAY TO ERIC.
ML @ 155', TOP 30" HOUS @ 184', 30" SHOE @ 381.4', BOT OF 36" HOLE WAS 383'.
NOTE: HAD TROUBLE STAYING ON LOCATION AFTER CEMENTING CASING, ITECH PER-
SONNEL WERE CALIBRATING TWO SHORE STATIONS WHICH GAVE ONLY TWO SHORE
STATIONS TO WORK WITH, CHANGES IN CURRENT AND WIND CONDITIONS CAUSED RIG
SHIFT.
NOTE: AS OF 0600 HRS 10/05/85 CHARGES COST WILL BE CHARGED TO ERIK AFE.

CONFIDENTIAL

RECEIVED
Anchorage, Alaska

OCT 07 1985

REGIONAL SUPERVISOR
RECEIVED
OPERATION
DISTRICT OFFICE
MINERALS MANAGEMENT SERVICE

OCT 5 1985

Minerals Management Service
Anchorage, Alaska

Report for Oct 4, 1985

PAGE 1 OF 1

Rig Name EXPLORER II Elevation KB to MSL 38.4
 Shell Drilling Foreman FOX, M. SHALL Water Depth 117
 Present Activity DRILL & OPEN HOLE --- 36"

Field CORONA Prog. Depth 10000 Day Number 2
 Lease OCS-Y 871 Present Depth 345' Est. Days
 Well Number # 1 Footage Drilled 130' Days +/-
 Work Order # 266121 Size & Depth of Last Casing: " @

14.0 HRS WAIT ON ICE (W.O. WHALE MIGRATION --NOT PERMITTED TO MANAGE ICE.)

4.5 HRS MOVE RIG INTO LOC & RUN ANCHORS; #3 ON BOTTOM @ 2139, #7 @ 2128,
 #2 @ 2246, #6 @ 2233. MOVE RIG OVER GH W/SONAR; AIRLIFT IN ROT.

PU AIRLIFT HEAD & HANG OFF LIFT. RIH W/ BHA. POS RIG OVER WELL W/
 SONAR REF BIT. STAB INTO HOLE W/O DIVERS.

NOTE; MOVE ON HAMPERED BY TRAILING EDGE OF ICE.

4.0 HRS OPEN HOLE TO 36" FROM 215' TO 290'. DRILL FILL & OPEN HOLE TO 36"
 FROM 290' TO 331.

1.5 HRS DRILLING & OPENING HOLE TO 36" FROM 331 TO

TEMP-32 DEG F, WIND FROM D70 @ 10K. ICE @ LOC 3/10; 2-NEW, 1-2ND YR(SM-MED)
 BOATS SPACED OUT UPDRIFT.

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date:
 Pump Pressure @ Kill Speed: Last BOP Test: //

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction

TVD | Sec | N / S | E / W

TIME | Rotating 5.50 Trips | Survey | Jet |
 | Cum. Rot 11.00 D.D. | C & C | Cut DL |
 (HRS) | BHA Insp | Reamg. | Repair | Other 18.50

RECEIVED
 OCS-District Office

HYDRAULIC | Liner | Stroke | SFM | GPM | PSI | HP | AV / CV
 DATA | 6.5 | 12 | 220 | 1081 | 900 | | /

OCT 4 1985

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn
 DATA | 125M | 10-15 | 170-120 | 200-250 A | 0 / 0

Minerals Management Service
 Anchorage, Alaska

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T	<u>ZRR</u>	<u>26</u>	<u>SMF</u>	<u>SEE NOTE</u>	<u>6-20'S</u>		<u>210</u>	<u>331</u>	<u>121</u>	<u>5.50</u>	<u>2</u>
S	<u>3</u>	<u>26</u>	<u>IS35J</u>	<u>173735</u>	<u>16-16-16</u>		<u>331</u>		<u>-331</u>		

B | BIT, SEC 36" HO #6039 W/4-18'S, TOTCO RING, BIT SUB, 3 - 9-1/4" DC'S, 26" WBS #347
 H | XO SUB, 2 - 8" DC'S, XO SUB, 1JT HUOP. (210.85') DRLG W/HUOP.
 A |

PPG	Grad	Vis	PV/YP	Gels	pH	Cake (W.-API)	HTHP/Temp	Mud Additions
M	<u>18.6</u>	<u>1.447</u>	<u>165</u>	<u>141/43</u>	<u>18/62</u>	<u>9.7</u>		
U	Pf/Mf	IPm	Cl	Ca	Sand	Solids	Oil %	IMBT
D	<u>2/7</u>		<u>3400</u>					

MUD TEMP IN PITS = 50 DEG F

File 8

ICE DRIFT

TIME	DIR	SPEED
0500 10/3	279	.84K
1130	268	.89K
1500	279	.93K
1640	282	.93K
2337	258	.96K
2330	263	1.00K
0145 10/4	269	1.10K
0300	265	.98K
0430	264	.70K

MONITORING MED TO LG FLOES UP DRIFT 5-7 MI.

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OCS District Office

OCT 4 1985

Minerals Management Service
Anchorage, Alaska

DATE 07/27/92

20# 208088

29:01 20/01

Rig Name EXPLORER 11
 Shell Drilling Foreman FOX, ROTH, COOK
 Present Activity WAITING ON ICE TO CLEAR LOC.

Elevation KB to MSL 38.4
 Water Depth 117

Old CORONA Prog. Depth 10000 Day Number 2
 Lease OC5-Y 871 Present Depth 331' Est. Days
 Well Number #1 Footage Drilled Days +/-
 Work Order # 266121 Size & Depth of Last Casing: " @

SUMMARY

OF

OPERATIONS

0.5 HRS. WAIT ON ICE. PREP TO PULL ANCHORS.
 4.5 HRS. PULL ANCHORS #3, #6, #2, #8 (#8 BUOY REC FRM BOTTOM @ 10:38.
 19.0 HRS. OFF LOC DRIFTING AHEAD OF ICE (BEARING - 300).
 WHILE WO ICE: OFFLOADING MAT'LS TO ROBERT LEMEUR
 BRING ON MAT'LS FROM BARGE
 PREP SECOND 30" HOUSING & PGB.
 REBUILD 36" HOLE-OPENER

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date:
 Pump Pressure @ Kill Speed: Last BOP Test: 09/05/85

Directional Surveys						Coordinates of Last Shot		
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
<u>256</u>	<u>1/16</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

IME | Rotating Trips Survey Jet
 | Cum. Rot 11.00 D.D. C & C Cut DL
 -RS) | BHA Insp Reams. Repair Other 24.00
 HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | HHP | AV / CV
 DATA | 6.5 | 12 | 180 | 1885 | 400 | | 36 /
 DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn | Authorized
 DATA | 30K | 10-15 | 170/90 | | 10 / 2 | (+/-) Target

Bit	Size	Type	Serial	Jets	I.B.G.	In	Out	Footage	HOURS	Ft/HR
<u>1RR</u>	<u>26</u>	<u>IDSJ</u>	<u>BJH658</u>	<u>13-18'S</u>	<u>**</u>	<u>187.5</u>	<u>210</u>	<u>22.5</u>	<u>5.00</u>	<u>4.5</u>
<u>2RR</u>	<u>26</u>	<u>SMF</u>	<u>SEE NOTE</u>	<u>16-20'S</u>	<u> </u>	<u>210</u>	<u>331</u>	<u>121</u>	<u>5.50</u>	<u>22</u>

24" 13-9.5 DC'S, 24" STAB, X-OVER, 2-8" DC'S, X-OVER, HMDP (DRILLING W/HMDP)
** BIT # 1RR WAS DAMAGED BY JUNK IN HOLE FROM LAST YEARS GH BIT.
** NOTE ** BOTH BITS WERE USED BITS IN GOOD COND SUPPLIED BY CANMAR. **

PPG | Grad | Vis | PV/YP | Gels | pH | Cake | WL-API | HTHP/Temp | Mud Additions |
18.7 | 1.452 | THK | 137/93 | 165/75 | 10 | | NC | /
 P+M+ | Pm | Cl | Ca | Sand | Solids | Oil % | MBT | Sulf. | Lime |
2/6 | 5 | 3000 | 120 | 10 % | | | | |
VIS MUD FOR SWEEPS

CONFIDENTIAL

Rig Name EXPLORER II Elevation KB to MSL 38.4
 Shell Drilling Foreman FOX, ROTH, COOK Water Depth 117
 Present Activity PREPARING TO PULL ANCHORS

Field CORONA Prog. Depth 10000 Day Number 1
 Lease OCS-Y 871 Present Depth 331' Est. Days
 Well Number #1 Footage Drilled 142' Days +/-
 Work Order # 266121 Size & Depth of Last Casing: " @ '

SUMMARY
 OF
 OPERATIONS

3.0 HRS. WAIT ON ICE
 2.0 HRS. RUN ANCHORS #3 (09:36), #7 (09:36), #6 (10:34), #2 (10:47)
 2.0 HRS. #7'S 150 TON SHACKLE BROKE. WORKED ON #7 ANCHOR AND ANCHOR WINCH.
 RAN #8 ANCHOR AFTER IT BECAME APPARENT EXCESSIVE TIME WOULD BE REQUIRED TO
 FIX THE #7 ANCHOR WINCH. LD DP & GETTING AIRLIFT READY.
 3.5 HRS. MOVE OVER LOCATION USING SIDE SCAN SONAR TO FIND GLORY HOLE. RIG
 UP AIRLIFT. RIH W/ 36" HOLE ASSEMBLY. JUMP DIVERS AND ESTABLISH CENTER OF
 GLORY HOLE.
 4.0 HRS. DRILLING 36" HOLE (DRILLING VERY SLOW; ROUGH DRILLING)
 .5 HRS. POOH TO INSPECT BHA. JUNK FROM 1984 GH BIT JAMMED BETWEEN CONES.
 1.0 HRS. DRILL 36" HOLE (STILL DRILLING ROUGH)
 .5 HRS. POOH, LAY DOWN 36" HOLE-OPENER, PU NEW 26" BIT. CONE LOCKED W/JUNK
 3.0 HRS. DRILL 26" HOLE

Number of Accidents Last 24 Hrs: 0 Number of Accidents Year to Date:
 Pump Pressure @ Kill Speed: Last BOP Test: 09/05/85

Directional Surveys						Coordinates of Last Shot		
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction
						226	1/16TH	
						TVD	Sec	N / S E / W

ME | Rotating 11.00 Trips 1.00 Survey 0.50 Jet COST DATA
 | Cum. Rot 11.00 D.D. C & C Cut DL
 RS) | BHA Insp Reamg. Repair Other 11.50 Daily Mud \$
 Cumulative Mud \$
 HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | H-P | AV / CV | Daily Well OCS DISTRICT OFFICE
 DATA | 6.5 | 12 | 180 | 1885 | 400 | 136 / Cumulative Well \$
 NOV 22 1985
 DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn | Authorized \$
 DATA | 30K | 15 | 170/90 | | 10 / 2 | (+/-) Target MINERALS MANAGEMENT SERVICE
 ANCHORAGE, ALASKA

Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
1	26	DSJ	BJH456	3-18'S		187.5	210	22.5	5.00	4.5
2	26	DSJ				210		-210		

26" DSJ, 3-9.5 DC'S, 26" STAB, X-OVER, 2-8" DC'S, X-OVER, HWDP (DRILLING W/
 HWDP)

PPG | Grad | Vis | PV/YP | Gels | pH | Cake | WL-API | HTHP/Temp | Mud Additions |
18.7 | 452 | 300 | 27/89 | 30/44 | | | | /
 P# / M# | Pm | Cl | Ca | Sand | Solids | Oil % | IMBT | Sulf. | Lime
2 / 15 | 7 | 2400 | 80 | % | | | |

CONFIDENTIAL

Rig Name EXPLORER II

Shell Drilling Foreman FOX, ROTH, COOK

Present Activity OFF LOC WO ICE. LD EXCESS DP.

Elevation KB to MSL 38.7

Water Depth 117.55

Field CORONA

Lease OCS-Y 871

Well Number # 1

Work Order # 266121

Prog. Depth 10000

Present Depth 187.5

Footage Drilled 3

Size & Depth of Last Casing:

Day Number 2

Est. Days

Days +/-

" a "

13.0 HRS DRILLING GLORY HOLE FROM 180' TO 187.5'. (24.5 HRS TO GO FROM TOP OF FILL @ 171.7' TO 187.5'.) DEPTH OF GH 28.5' FROM FIRM BOT.

*** AT 1900 HRS WE PULLED GH BIT ABOVE GH & PULLED BOTH STBD ANCHORS IN ORDER TO AVOID CONTACT W/ ICE PAN. 3 MI. LONG BY 1/4 - 3/4 MI. WIDE. NO ICE MANAGEMENT WAS REQUIRED. PULLED THE OTHER 2 ANCHORS & MOVED THE RIG DOWN DRIFT, TO THE SOUTH OF ICE PAN. WAITING FOR ICE TO CLEAR LOC. ***

11.0 HRS. MOVE OFF LOC TO AVOID MANAGING ICE. RIG DOWN GH BIT. MJ BHA FOR 36" HOLE & RACK IN DERRICK. (INSPECT SAME -LARIMER.) PU SECOND AIR LIFT SYSTEM & RACK IN DERRICK. FIN LD PIPE IN DERRICK LEFT FROM HAMMERHEAD.

*** WE PLAN TO MOVE BACK TO LOC WHEN THIS ICE PAN CLEARS. DRIFT OF PAN IS 3 K HEADED NORTH.

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date:

Pump Pressure @ Kill Speed:

Last BOP Test: 09/05/85

Directional Surveys						Coordinates of Last Shot		
Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction

TIME | Rotating 13.00 | Trips | Survey | Jet |

| Cum. Rot | D.D. | C & C | Cut DL |

(HRS) | BHA Insp | Reams. | Repair | Other 11.00 |

COST DATA

REGIONAL SUPERVISOR

FIELD OPERATION

MINERALS MANAGEMENT SERVICE

OCS DISTRICT OFFICE

Daily Mud

Cumulative

Daily Well

Cumulative Well

NOV 22 1985

Authorized

(+/-)

MINERALS MANAGEMENT SERVICE

ANCHORAGE, ALASKA

HYDRAULIC | Liner | Stroke | SPM | GPM | PSI | HP | AV / CV

DATA | 6.5 | 12 | | | | | |

DRILLING | Hook Load | Bit Weight | RPM | Torque | Drag Up/Dn

DATA | | | | | |

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T											
S											
B											
H											
A											

PPG | Grad | Vis | PV/YP | Gels | pH | Cake | WL-API | HT-P/Temp | Mud Additions |

M | 0 | | | | | | | |

U | P+M+ | IPm | Cl | Ca | Sand | Solids | Oil% | MBT | Sulf. | Lime |

D | / | | | | | | |

3 PITS OF THICK SPUD MUD MIXED.

CONFIDENTIAL

PAGE 1 OF 1

Water Depth	117
-------------	-----

" 61

AT 0600 AT 180 CLEANING OUT FILL.

Last BOP Test: 09/05/85

Coordinates of Last Shot

M D | RECEIVED | Direction

DEC 06 1985

REGIONAL SUPERVISOR

FIELD OPERATION
COST DATA
GENERAL MANAGEMENT SERVICE

RECEIVED
DCS DISTRICT OFFICE

OCS DISTRICT OFFICE

Comprehensive Food	\$
Daily Mail	\$

NOV 22 1985

MINERALS MANAGEMENT SERVICE

ANCHORAGE, ALASKA

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

***** NOTE ***** RIG REL BY UNION TO SHELL @ 1920 HRS 9/24/85 WHEN LAST ANCHOR UP. BARGE & TUG ARTIC BEAR REL @ 2145 9/24/85.

~~CONFIDENTIAL~~

Mud Additions

329 GEL

2 CAUSTIC

~~4-500A-A51~~

#02 OF 02

DATE 09/25/85

Rig Name EXPLORER II

Shell Drilling Foreman FOX, ROTH

Present Activity

MOVING TO LOCATION

Elevation KB to MSL 38.7

Water Depth 117

Field NR6-4 BLOCK 67B

Case OCS-Y-871

Well Number 1

Work Order # 266121

Prog. Depth 10000

Present Depth

Footage Drilled

Size & Depth of Last Casing

Day Number

Est. Days

Days +/-

" a

SUMMARY

OF

OPERATIONS

1.0 HRS. CONTINUE RIGGING DOWN & REINJECTING.

1.0 HRS. MIX & PUMP 250 SX GLASS 'G' W/ 4% HALAD-22A, 1% CFR-21, 5% KCL IN MIX WATER @ 15.8 PPG. PUT 230 SX BELOW EZSV. PU & DUMP 20 SX ON TOP OF EZSV CMT RET. TOC @ 5040'. NOTE 40,000# WT. TEST ON RET.

3.5 HRS. POOH. LD DP.

5 HRS. RI SCHLUM. RIH W/ 13-3/8" EZSV TO 450' & SET SAME. RD SCHLUM.

1.0 HRS. RIH W/ O.E. DP TAG EZSV W/ 7000#. PU & DUMP 150 SX PERMAFROST CMT W/ 14% SODIUM CITRATE IN MIX WATER ON TOP OF CMT RET. POOH. TO 250' (TOC @ 250') & SPOT FREEZE DEP KCL ON TOP OF PLUG. POOH.

5.0 HRS. DISC STACK. LD RISER. PULL LMRO & BOP. SHEAR GL'S. JUMP DIVERS & INSTALL CORR CAP. INSPECT GLORY HOLE. RET 4 ANCHORS.

3.0 HRS. FIN PULLING ANCHORS & OFFLOADING TO BARGE. SECURE BOP'S.

9.0 HRS. RIG MOV TO LOC. LD DP, DC, STAB, ANADRIL ETC. CLEANING MUD PITS.

Number of Accidents Last 24 Hrs: 0

Number of Accidents Year to Date:

Pump Pressure @ Kill Speed:

Last BOP Test: 09/05/85

Directional Surveys

Coordinates of Last Shot

Depth	Angle	Direction	Depth	Angle	Direction	M D	Angle	Direction

RECEIVED

Anchorage, Alaska

TVD

DEC 06 1985

E / W

TIME	Rotating	Trips	Survey	Jet
	Cum. Rot	D.D.	C & C	Cut DL
(HRS)	BHA Insp	Reamg.	Repair	Other 24.00

REGIONAL SUPERVISOR

FIELD OFFICE

MINERALS MANAGEMENT SERVICE

Daily MUD OCS DISTRICT OFFICE

Cumulative Mud \$

Daily Well NOV 22 1985

Cumulative Well \$

HYDRAULIC	Liner	Stroke	SPM	GPM	PSI	HP	AV / CV
DATA	6.5	12					

DRILLING	Hook Load	Bit Weight	RPM	Torque	Drag Up/Dn
DATA					

MINERALS MANAGEMENT SERVICE

Authorized ANCHORAGE, ALASKA

(+/-) Target \$

B	Bit	Size	Type	Serial	Jets	T.B.G.	In	Out	Footage	Hours	Ft/Hr
I											
T											
S											

B. ***** NOTE ***** RIG REL BY UNION TO SHELL @ 1920 HRS 9/24/85 WHEN LAST
H. ANCHOR UP. BARGE & TUG ARTIC BEAR REL @ 2145 9/24/85.
A. THIS LAST REPORT FOR HAMMERHEAD & FIRST REPORT FOR CORONA.

PPG	Grad	Vis	PV/YP	Gels	pH	Cake	WL-API	HTHP/Temp	Mud Additions
M									
	Pt/Mt	IPm	Cl	Ca	Sand	Solids	Oil%	MBT	Sulf.

CONFIDENTIAL

09/26 06:53

8308047 #01