

SEP 16 1993

OMB APPROVAL NO. 1010-0045

EXPIRES: OCTOBER 31, 1991

SUBMIT: Original

two copies, and one public information copy.

Minerals Management Service
Anchorage, Alaska

SUNDRY NOTICES AND REPORTS ON WELLS

1. FIELD NAME Wildcat		2. MMS LEASE, UNIT OR COMM. NO. (6) Y 0866 0		3. MMS OPERATOR NUMBER (5) 0635																									
4. OPERATOR WELL NUMBER (6) 3		5. API NUMBER (10) or (12) STATE (2) COUNTY (3) WELL CODE (5) 55 171 00010		SIDE TRACK(2) NA	COMPLETION CODE (3) E																								
6. TYPE WELL (1) E		7. CORRECTED ELEVATION (5) -172' (ML-RKB)		8. OPERATOR NAME AND ADDRESS (SUBMITTING OFFICE) ARCO Alaska, Inc. PO Box 100360 Anchorage, AK 99510-0360																									
9. CURRENT WELL DEPTH (5) MD 1805' TVD 1805' LEAVE BLANK		10. CORRECTED WATER DEPTH (5) 107'		11. CORRECTED LOCATION OF WELL (12) Surface: 7743' FWL and 9643' FSL of Block 673 Production zone: NA Total depth: NA																									
12. OPERATING AREA CODE (2) FI		13. BLOCK NUMBER (6) 0673		14. MAP OR OFFICIAL PROTRACTOR DIAGRAM NUMBER (7) NR 6-4, Flaxman Island																									
15. OPERATOR LEASE, UNIT OR COMMUNITIZATION NAME Kuvlum		16. RIG/PLATFORM NAME BeauDril - Kulluk		17. RIG TYPE (2) SS																									
18. WELL STATUS, e.g., shut-in, drilling, etc. Drilling		19. LAST CASING STRING: size, lb/ft, grade, and setting depth (MD) 20", 133#/ft, X-56 @ 1022'		20. APPROXIMATE START DATE (6) YYMMDD 93 08 30																									
21. PRESENT PRODUCTION ZONE, IF ANY, AND PRODUCTIVE CAPABILITY NA																													
22. CHECK APPROPRIATE ACTIVITY:		<table border="0"> <tr> <td>Fracture/acidize</td><td><input type="checkbox"/></td> <td>Artificial Lift</td><td><input type="checkbox"/></td> <td>Other</td><td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Pull or alter casing</td><td><input type="checkbox"/></td> <td>Repair well</td><td><input type="checkbox"/></td> <td>Perforate</td><td><input type="checkbox"/></td> </tr> <tr> <td>Sidetrack</td><td><input type="checkbox"/></td> <td>Deepen</td><td><input type="checkbox"/></td> <td>Plug back</td><td><input type="checkbox"/></td> </tr> <tr> <td>Reenter to complete</td><td><input type="checkbox"/></td> <td>Multiple complete</td><td><input type="checkbox"/></td> <td>Recomplete</td><td><input type="checkbox"/></td> </tr> </table>				Fracture/acidize	<input type="checkbox"/>	Artificial Lift	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/>	Pull or alter casing	<input type="checkbox"/>	Repair well	<input type="checkbox"/>	Perforate	<input type="checkbox"/>	Sidetrack	<input type="checkbox"/>	Deepen	<input type="checkbox"/>	Plug back	<input type="checkbox"/>	Reenter to complete	<input type="checkbox"/>	Multiple complete	<input type="checkbox"/>	Recomplete	<input type="checkbox"/>
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<table border="0"> <tr> <td>Data correction</td><td><input type="checkbox"/></td> </tr> <tr> <td>Change plans</td><td><input type="checkbox"/></td> </tr> <tr> <td>Request approval</td><td><input type="checkbox"/></td> </tr> <tr> <td>Subsequent report</td><td><input checked="" type="checkbox"/></td> </tr> </table>		Data correction	<input type="checkbox"/>	Change plans	<input type="checkbox"/>	Request approval	<input type="checkbox"/>	Subsequent report	<input checked="" type="checkbox"/>	<p>Note: Submit a separate Well (Re) Completion Report and a subsequent report of operations on this form for each completion. Alternatively, submit a Well (Re) Completion Report for each completion with a narrative as in item 23 of this form.</p>																			
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23. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details in this space and on the reverse, and/or on an attachment, and give pertinent dates, including estimated date for starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)																													
<p>1 Actual water depth for Kuvlum #3 location = 107', RKB to ML = 172'</p> <p>2 Actual location for Kuvlum #3: Lat = 70° 19' 36.78" Long = 145° 24' 14.67" 7743' FWL, 9643' FSL of Block 673, NR6-4 Final well location plat attached</p> <p>3 Well was spudded 06:00 hrs 9/9/93.</p> <p>4 30" structural casing installation was completed at 23:00 9/9/93. 30" casing detail attached.</p> <p>5 20" conductor casing installed 9/11/93. CIP @ 13:50 9/11/93. Casing was cemented with 4076 sx (3750 cu ft) of Arctic Set I @ 15.7 ppg with 0.6% D-13. Cement was pumped through a drill pipe inner string. Cement returns to glory hole were confirmed by airlift samples to surface. Casing shoe would not pressure test and shoe was successfully squeezed with 500 sx (466 cu ft) of Arctic Set I @ 15.7 ppg. 20" casing detail attached.</p> <p>6 A formation "Leak off Test" was performed after drilling 10' of new formation below the 20" casing. A 14.3 ppg EMW test was obtained. Details of LOT are attached.</p> <p>7 Top of caisson is 3' below mudline. Waiver was verbally granted by Mr. Brian Schoof on 9/9/93 to allow caisson to remain at this depth during P&A operations.</p>																													

AUG 30 1993

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1. FIELD NAME Wildcat		2. MMS LEASE, UNIT OR COMMUNITIZATION NAME Y 0866 0		3. WELL OR PRODUCER NUMBER (5) 0635	
4. OPERATOR WELL NUMBER (6) 3	5. API NUMBER (10) or (12) STATE (2) COUNTY (3) WELL CODE (5) 55 171 00010	SIDE TRACK (2) NA	COMPLETION CODE (3) NA	6. TYPE WELL (1) E	7. CORRECTED ELEVATION (5) -175' (ML-RKB)
8. OPERATOR NAME AND ADDRESS (SUBMITTING OFFICE) ARCO Alaska, Inc. PO Box 100360 Anchorage, AK 99510-0360		9. CURRENT WELL DEPTH (5) MD 0' TVD 0' LEAVE BLANK		10. CORRECTED WATER DEPTH (5) 110' (est)	
11. CORRECTED LOCATION OF WELL (12) Surface: 8000' FWL and 6000' FNL of Block 673 (revised per this Sundry) Production zone: NA Total depth: NA			12. OPERATING AREA CODE (2) FI	13. BLOCK NUMBER (6) 0673	
15. OPERATOR LEASE, UNIT OR COMMUNITIZATION NAME Kuvlum			16. RIG/PLATFORM NAME BeauDril - Kulluk		17. RIG TYPE (2) SS
18. WELL STATUS, e.g., shut-in, drilling, etc. Mobilizing / Mooring Operations	19. LAST CASING STRING: size, lb/ft, grade, and setting depth (MD) N/A		20. APPROXIMATE START DATE (6) YYMMDD 93 08 30		
21. PRESENT PRODUCTION ZONE, IF ANY, AND PRODUCTIVE CAPABILITY NA					
22. CHECK APPROPRIATE ACTIVITY:					
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<p>Based on recent shallow hazard interpretation of seismic data obtained during the 1993 Beaufort Sea open water operating season, originally permitted Kuvlum #3 surface location is being changed as follows:</p> <p>Original Location: Latitude: 70 deg 19' 44.6", Longitude: 145 deg 25' 30.9" OCS Block 673, Lease OCS-Y-0866, 5100' FWL, 5400' FNL UTM Zone 6, x = 559158.1 m, y = 7803159.7 m Seismic Lines CB90-123, S.P. 1403, and CB90-420, S.P. 1125</p> <p>Revised Proposed Location: Latitude: 70 deg 19' 36.8" (70.326890), Longitude: 145 deg 24' 14.7" (145.404074) OCS Block 673, Lease OCS-Y-0866, 8000' FWL, 6000' FNL (new location is in same block) UTM Zone 6, x = 559960 m, y = 7802940 m Seismic Lines CB90-123, S.P. 1403, and CB90-420, S.P. 1125</p> <p>Location was moved to avoid a shallow seismic anomaly observed which may be potential shallow gas or other hazard. Final surveyed location plot to follow.</p>					