


**Shell California Production Inc.**

A Subsidiary of Shell Oil Company

P.O. Box 11164

Bakersfield, California 93389

May 30, 1985

**NOTED - DUNAWAY**


United States Department of the Interior  
 Minerals Management Service  
 Pacific OCS Region  
 Regional Supervisor  
 Offshore Field Operations  
 1340 West Sixth Street  
 Los Angeles, CA 90017

Gentlemen:

**SUBJECT: AMENDMENT TO THE BETA PLAN OF DEVELOPMENT**

We request your approval to amend the original Beta Unit Plan of Development to allow for the drilling and evaluation of the Mohnian age section from Platform Eureka. This evaluation would require production testing, and eventual production, if warranted. Should further development be required on the basis of a successful test, we will submit a development plan outlining the proposed exploitation of these deeper horizons.

On April 19, 1983, we requested the subject amendment; and through your letter dated April 29, 1985, received approval for the exploratory drilling and testing of one or more wells from Platform Ellen for delineation of potential Mohnian age reservoirs. This lithologic section was tested by Ellen well No. A-51 and small quantities of 20-25° API gravity oil were recovered during testing. Although well No. A-51 was noncommercial, each of the three Monterey production tests gave 500-1000 B/D rates on nitrogen gas lift, with maximum rates estimated at 1000-2000 B/D.

The proposed test from Platform Eureka will penetrate a Mohnian section about 2000' structurally higher than in the Ellen area. We anticipate that the well will encounter the Mohnian section at approximately -5500' subsea and would penetrate basement near -8250' subsea (see figures 1,2). The lowest hydrocarbon bearing interval in the Delmontian section should occur at approximately -4100' subsea. As a precautionary measure, the surface and subsurface equipment will be H<sub>2</sub>S rated, the drilling crews will be H<sub>2</sub>S trained and the necessary H<sub>2</sub>S detection and safety equipment will be utilized. H<sub>2</sub>S considerations also will be reflected in our request for permitting which will also outline our proposed casing program.

BABV8512702

In the event the well is not put on Mohnian production, it would be plugged and abandoned in the deeper portions, and recompleted in the Delmontian section as a producing well.

The proposed well has a current projected spud date of early September, 1985. We request your early consideration and approval to proceed with development according to the amended plan outlined above. Any questions regarding the subject plan may be directed to H. A. Orndorff, (805) 326-5238.

Sincerely,



N. G. McKim  
Division Production Manager  
Coastal Production Division

HAO:mmr

# CURRENT BETA FIELD DEVELOPMENT

## STRUCTURAL CONTOUR MAP ON THE "D" SAND

HAO 4/85

LEASE P-0488 TRACT 169  
(FORMERLY UNLEASED TRACT 255)

GULF  
S.C.P.I.,  
ET. AL

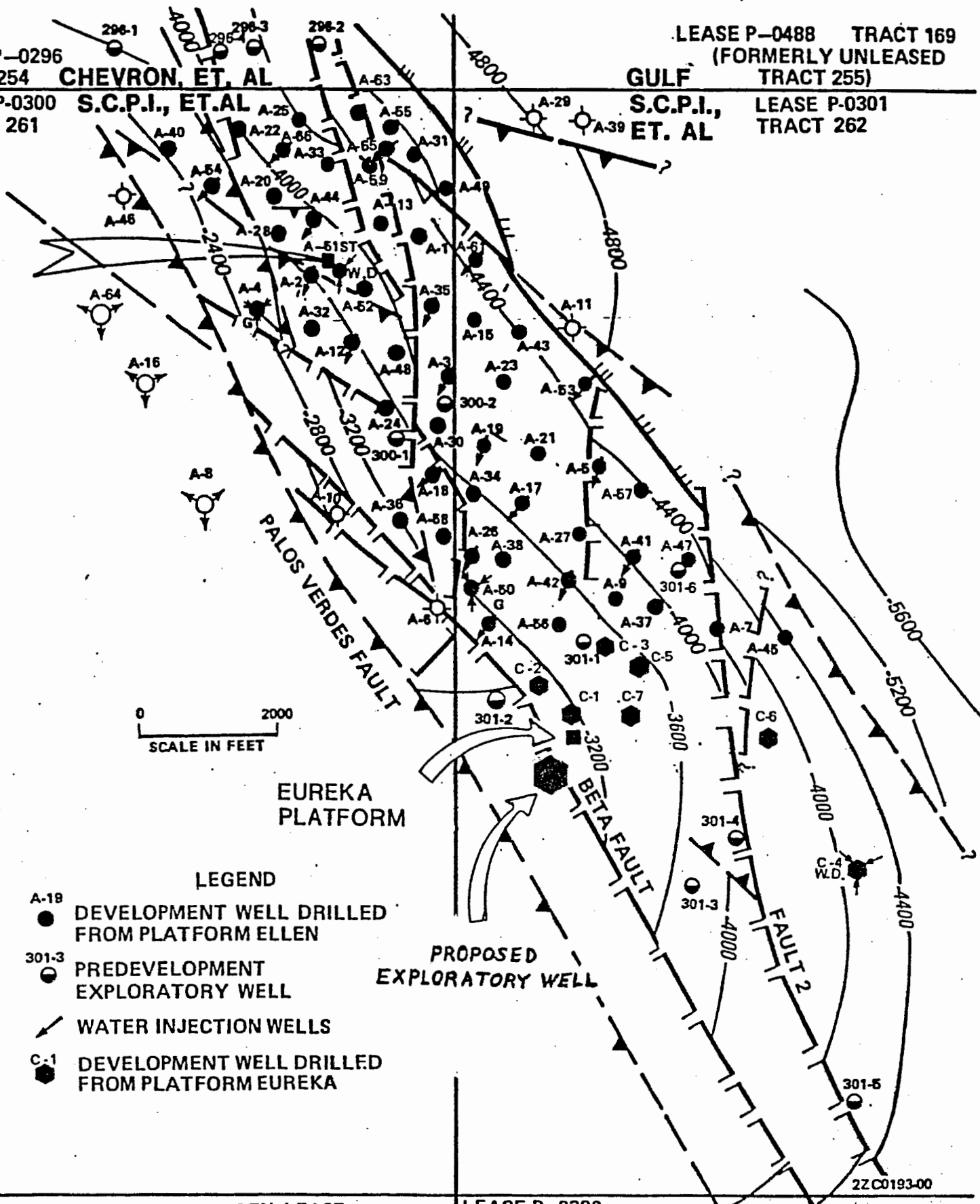
LEASE P-0301  
TRACT 262

EASE P-0296  
TRACT 254

CHEVRON, ET. AL

EASE P-0300  
TRACT- 261

S.C.P.I., ET. AL



0 2000  
SCALE IN FEET

EUREKA  
PLATFORM

### LEGEND

- A-18 ● DEVELOPMENT WELL DRILLED FROM PLATFORM ELLEN
- 301-3 ● PREDEVELOPMENT EXPLORATORY WELL
- ▲ WATER INJECTION WELLS
- C-1 ■ DEVELOPMENT WELL DRILLED FROM PLATFORM EUREKA

PROPOSED  
EXPLORATORY WELL

OPEN LEASE  
TRACT 267

LEASE P-0306  
TRACT 268

CHEVRON

22C0193-00

FIGURE 1

# P-0301-1 PENETRATION SECTION

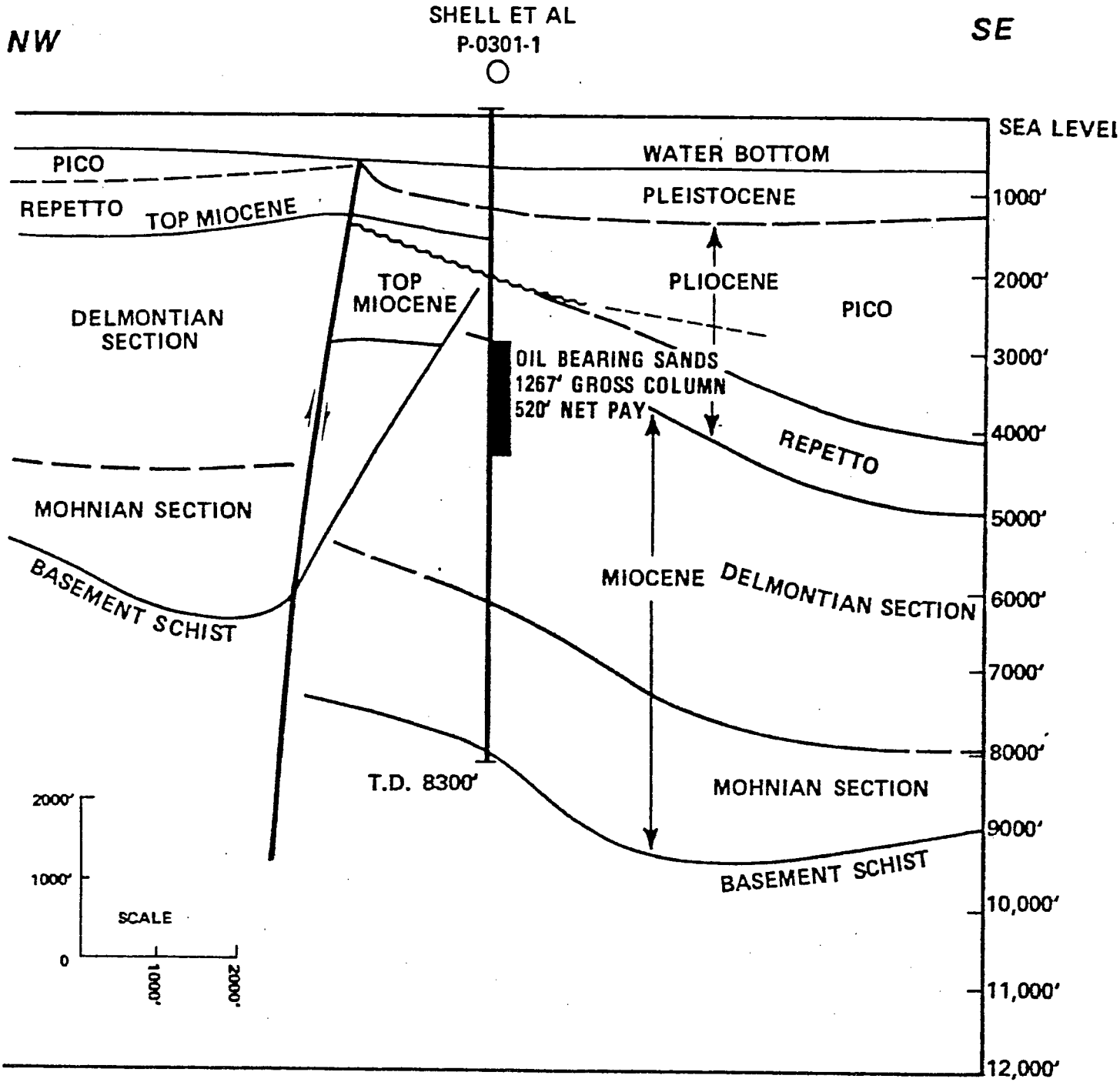


FIGURE 2