

Gulf Oil Corporation

HOBBS PRODUCTION AREA

C. D. Borland
AREA PRODUCTION MANAGER

August 8, 1968

P. O. Box ~~670~~ 670
Hobbs, New Mexico

AFFIDAVIT - DISCOVERY WELL

Gulf Oil Corporation spudded its W. D. Grimes (NCT-A) No. 16, located 800' FNL 700' FWL of Section 32-18S-38E, Lea County, New Mexico, July 1, 1968. After setting surface casing at 1497 feet, an 8-3/4 inch hole was drilled to 7050 feet. No drill stem tests or cores were taken while drilling. Logs were run upon reaching total depth, which the Commission is in receipt, and 7 inch casing was set and cemented at 7039 feet.

Tuesday, August 6, 1968, the Elinebry formation was perforated from 5871 feet to 5873 feet, from 5905 feet to 5907 feet, from 5941 feet to 5943 feet, and from 6081 feet to 6083 feet with 2 jet holes per foot. The top of the Elinebry "marker" has been picked at 5747 feet. The sub-sea elevations of the Elinebry perforations range from SID minus 2222 to SID minus 2434.

After performing, a casing packer was run and set at 5842 feet. Twenty-three barrels of load water was swabbed from the tubing down to the seating nipple. After standing one hour, 300 feet of fluid entered the bore hole, of which 50 percent was oil and 50 percent water. There was another 300 feet of fluid that entered after the second hour, of which 75 percent was oil and 25 percent was water. The well was then shut in overnight.

The tubing pressure was 90 psi after being shut in 14 hours and 8 barrels of oil and no barrels of water were swabbed in 3 runs. The well was then treated with 1,000 gallons of acid and flushed with water. Total load water and acid residue to recover was 58 barrels.

In 4 hours and 30 minutes ending at 5:30 p.m., August 7, 1968, 24 barrels of load water and 51 barrels of 33° API corrected gravity oil was swabbed. Closed in 13½ hours, tubing pressure 375 psi.


C. D. BORLAND

COUNTY OF LEA
STATE OF NEW MEXICO

SUBSCRIBED AND SWORN to before me, a Notary Public, in and for the County of Lea, State of New Mexico, on this the 8th day of August, 1968.

My Commission Expires 8-21-69


Patti J. Gibbins

