



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Las Cruces  
Lease No. LC 030467 &  
Unit NMFU

SUNDRY NOTICES AND REPORTS ON WELLS

|  |   |          |
|--|---|----------|
| NOTICE OF INTENTION TO DRILL                   | SUBSEQUENT REPORT OF WATER SHUT-OFF         |          |
| NOTICE OF INTENTION TO CHANGE PLANS            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING  |          |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF     | SUBSEQUENT REPORT OF ALTERING CASING        |          |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR  |          |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE        | SUBSEQUENT REPORT OF ABANDONMENT            |          |
| NOTICE OF INTENTION TO PULL OR ALTER CASING    | SUPPLEMENTARY WELL HISTORY                  |          |
| NOTICE OF INTENTION TO ABANDON WELL            | <u>Subsequent Report of Dual Completion</u> | <u>I</u> |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vaughan A-12

September 19, 1956

Well No. 1 is located 1980 ft. from N line and 660 ft. from W line of sec. 12

NW/4 Sec 12  
(1/4 Sec. and Sec. No.)

24 E 36 E  
(Twp.) (Range)

NMFM  
(Meridian)

Langlie-Mattix  
(Field)

Lea  
(County or Subdivision)

New Mexico  
(State or Territory)

The elevation of the derrick floor above sea level is 3358 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

BEFORE WORKOVER: TD Sand 3680', pay Queen 3474-3680' open hole. Flowed 4 bbls oil, no water in 24 hrs, gas 44.6, GOR 8920. WORK DONE: Ran 247' 4 1/2" OD liner set at 3666', bottom 150' slotted. Sandfraced 3516-3666' w/10,000 gallon treatment. Set production packer 3404'. Perf 5 1/2" casing 2962-3164 w/2 jets per ft, sandfraced 2962-3164' w/10,000 gallon treatment. AFTER WORKOVER: TD same. Langlie-Mattix oil completion: Pay same, flowing 4 bbls oil, no water in 24 hrs thru intermitter. Gas TEST. Tested 9-15-56. Jalmat gas completion: Pay Yates 2962-3164', perf 2962-3164'. Calculated open flow potential 3410 MCFFD. S.I.P. 680 PSIA. Deliverability: At 600 PSIG 1265 MCFFD, at 150 PSIG 3230 MCFFD. Tested 9-11-56.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Company

Address Box 68

Elmwood, New Mexico

By

Title District Superintendent

