



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Fort Worth

Lease No. 080202

Unit G

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED  
OCT 25 1957  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

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.....	

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

October 3, 1957

Well No. 1 is located 1850 ft. from N line and 1700 ft. from E line of sec. 26

SW 1/4, NE 1/4, Sec. 26  
(1/4 Sec. and Sec. No.)

24-N  
(Twp.)

7-N  
(Range)

NMPM  
(Meridian)

Undesignated  
(Field)

Rio Arriba County  
(County or Subdivision)

New Mexico  
(State or Territory)

The elevation of the derrick floor above sea level is 6742 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)

The Gallup zone (5420' to 5520') and the Oreneros sand (6241' to 6290') were cored on the Federal 4-26#1. Description of the cores will be submitted on the well log at the completion of the well. The well was drilled to a TD of 6649' and microlog and ES induction logs were run. Two DST's were run on the Dakota sand. Results are on back of this sheet. 5 1/2" casing was run to 6625' and cemented with 300 sacks of cement. After running CR-N log, the interval 6402' to 6430' was perforated w/ 2 jets per ft., acid washed w/ 500 gals. mud acid and fracture treated w/ 12,200 gals. crude oil and 12,200 lbs. sand. Tubing was run and on the last day of the month the well was being swabbed with 386 bbls. of 931 bbls. of original load oil remaining to be recovered.

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

Company Standard Oil Co. of Texas

Address P.O. Box 1249

Houston 1, Texas

By Ray M. DeLoach

Title General Engineer

DST Results:

DST #1: Interval tested 6400' to 6428'. ( U. Dakota sand)  
Tool open 2 hrs. 5 mins. NOTS, NOTS, fair blow immediately  
and throughout test. Recovered 40' drilling mud and  
1' free oil.

Pressures:

45 min. ISIBHP - 155 psi (not max.)  
IFP - 0 psi IFP - 10 psi  
IHH - 3145 psi FHH - 3055 psi  
45 min. FSIBHP - 405 psi (not max.)

DST #2: Interval tested 6582' to 6612' (L. Dakota sand)  
Tool open 2 hrs. NOTS, NOTS, strong blow immediately  
decreasing to weak at end of test. Recovered 188' of  
drilling mud and 6099' of salt water (1200 ppm Cl)

Pressures:

30 min. ISIBHP - 2770 psi (max.)  
IFP - 585 psi IFP - 2760 psi  
IHH - 3215 psi FHH - 3125 psi  
30 min. FSIBHP - 2770 psi (max.)