



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078301
Unit _____

RECEIVED

AUG 9 1957

Sec. 12

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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

August 2, 1957

Well No. 12-1 is located 1980 ft. from N line and 660 ft. from E line

SE 1/4 of NE 1/4 Sec. 12 T-24-N R-10-W N. M. Principal
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Undesignated San Juan New Mexico
(Name) (County or Subdivision) (State)

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

6014
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 Huerfano Federal #12-1 was drilled to a TD of 6567' in the Dakota Sand and ES Induction and Micrologs were run from TD to surface. Two DST's were conducted on the Dakota Sand. Results of these tests are on the back of this sheet. The hole was then plugged back to 5728 ft. with 93 sx of cement and 7" casing was set at 5715 and cemented with 330 sx. Radioactive logs were run and the casing was perforated 5484 to 5494 with 2 jets and 2 bullets per ft. The zone was then acid washed with 500 gallons MA and fractured with 25,000 gallons crude with 1 1/2 pounds sand per gal. After bleeding off pressure a retrievable bridge plug was set at 5475' and the casing perforated 5448' to 5464' with 2 jets per ft. This zone was then acid washed with 500 gallons MA and fractured
(Cont'd on back)

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

Company Standard Oil Company of Texas

Address P. O. Box 1240

Houston 1, Texas

By _____
Title General Engineer

with 38,000 gals. crude oil with $1\frac{1}{2}$ pounds sand per gal. After bleeding off pressure, the bridge plug was retrieved and the casing reperforated 5448 - 5464 with 2 bullets per ft. Tubing was run to 5532' and swabbing commenced. On the last day of July 1958 of 2170 Bbls. of lead oil had been recovered and swabbing was being continued.

DST Results:

DST #2: Interval tested - 6500' to 6567' (Dakota Sd.) Tool open 1 hr. very weak blow for 15 min. and died. Recovered 40' drilling mud.
Pressures: 30 min. ISIF-75 (not max.) IFP-120 IHH-3400
30 min. PSIF-65 (not max.) FFP-75 PHH-3350

DST #3: Interval tested - 6580' to 6576' (Dakota Sd.) Tool open 67 min. FOTS, HOTS, weak blow throughout test. Recovered 90 ft. 6 and 60 sulfur water and drilling mud and 210' sulfur water.
Pressures: 32 min. ISIF-2000 (chamber too small)
30 min. PSIF-120 (not max.)
IFP-0 IHH-2600
FFP-60 PHH-2600