



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. NW 019492
Unit A. L. Duff

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF <u>Production</u> <u>I</u>
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>Report of Perforations</u> <u>I</u>
	<u>Report of Sand-Oil Fracing</u> <u>I</u>

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

September 5, 1958

A. L. Duff
Well No. 14 is located 1980 ft. from (N) line and 2903 ft. from (W) line of sec. 19

NE 1/4 Sec. 19 26N 13W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Picket (Gallup) Ent. San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6523 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)

Run & set 5 1/2" casing at 5402' & cemented w/200 sks. reg. cement.
Run temperature survey & found top of cement behind 5 1/2" casing at 4635'.

Perforated 5 1/2" casing 5318-24' w/4 Schlumberger bullets per ft., total of 6', 24 shots.

Frased Gallup formation down 5 1/2" casing, thru 5 1/2" casing perfor. 5318-24' with 20,000# of 20-40 sand & 20,000 gals. of lse. oil. BDP 2200#, broke to 1500#. Max. TP 2200#, Min. TP 1200#, shut down pressure 800#. Inj. rate 36 BPM. Time of treatment 20 min.

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

Company SALE-OIL COMPANY

Address Box 426
Farmington, New Mexico

By (Signed) F. E. Cosps.

Title District Superintendent