



(SUBMIT IN TRIPLICATE)

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

 Land Office Santa Fe
 Lease No. SF 078392
 Unit O. H. Randal

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	Production <u>X</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.....	Report of D.S.T. No. 1 & 2.....	<u>X</u>
	Report of Perfs. & Sand/Oil Fracing.....	<u>X</u>

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

April 9, 1959

 O. H. Randal
 Well No. 1 is located 1850 ft. from [N] line and 1850 ft. from [W] line of sec. 14

<u>SE/4-W/4 Section 14</u> (1/4 Sec. and Sec. No.)	<u>24N</u> (Twp.)	<u>11W</u> (Range)	<u>N.M.P.M.</u> (Meridian)
<u>Wildcat - Gallup & Dakota</u> (Field)	<u>San Juan</u> (County or Subdivision)	<u>New Mexico</u> (State or Territory)	

The elevation of the derrick floor above sea level is 6446 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)

Ran & set 7" casing at 6593' w/Halliburton IW tool at 5721'. Cemented 1st stage around shoe, w/125 sks. reg. cement. Cemented 2nd stage thru IW tool at 5721', w/100 sks. reg. cement, 45 Gal & 91 sks. Strata Crete. Lost circulation while cementing 2nd stage. Ran temperature survey on 2nd stage & found top cement behind 7" casing at 5341'.

DRILL STEM TEST NO. 1 6373-6560' to test 7" casing perfs. 6415-16'. Tool open 3 hrs. Tool failed.

DRILL STEM TEST NO. 2 6373-6560' to test 7" casing perfs. 6415-16'. Tool open 1 hr. w/good blow air immediately. Gas to surface in 5 min. Gas too small to measure, estimated 25 MCF per day. Hydro. press. in & out 2768#, IFP 50#, FFP 50#, 1 hr. SIBNP 2165#.

Perforated 7" casing, Dakota formation, 6400-15' w/4 Lane Wells type "K" bullets per ft., total 15', 60 bullets.

Frased Dakota formation down 2 1/2" tubing, thru 7" casing perfs. 6400-16' w/20,000# 40/60 sand & 27,076 gals. crude oil. Flushed w/1600 gals. oil. BHP 1200#, Max. IFP 3000#, Min. IFP 1200#. Inj. rate 7.8 SPM. Run of treatment 1 hr. & 37 min. After flushing w/1200 gals. water pumped loose.

Company SKELLY OIL COMPANY

Box 426

Address Farmington, New MexicoBy (Signed) P. E. CosperTitle District Superintendent