

Form 9-331 b  
(April 1952)

(SUBMIT IN TRIPLICATE)

Indian Agency Jicarilla

Tribal Jicarilla

Allottee Jicarilla "C"

Lease No. Contract #31

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<u>Production 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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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>Report of Sand/Oil Fracturing</u>	

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

December 4, 1958

Jicarilla "C"  
Well No. 20 is located 660 ft. from N line and 660 ft. from W line of sec. 33

SW/4-SW/4 Section 33 23N 3W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Otero (Gallup) Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6789 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  $5\frac{1}{2}$ " casing at 6226' w/Halliburton 2-stage tool set at 3761'. Cemented 1st stage around shoe w/125 sks. reg. cement 45 gal. & 114 sks. strata-crete. Run temperature survey on 1st stage & found top of cement behind  $5\frac{1}{2}$ " casing at 4906'. Cemented 2nd stage thru 2-stage tool at 3761' w/300 sks. reg. cement 25 gal. Run temperature survey on 2nd stage cement job to 3469', found top of cement behind  $5\frac{1}{2}$ " casing at 1683'.

Perforated  $5\frac{1}{2}$ " casing w/4 Schlumberger bullets per ft. as follows: 6064-74', 6096-6112', 6122-44' & 6160-68', 56', 224 shots.

Frased Gallup formation, down  $5\frac{1}{2}$ " casing & 2" tubing, thru  $5\frac{1}{2}$ " casing perfor. 6064-74', 6096-6112' & 6122-44' & 6160-68' w/25,000# 20/40 sand & 31,544 gals. lsa. oil by Halliburton using 36 rubber free balls. BHP 2000#, Max. TP 3400#, Min. TP 2500#, inj. rate 30.5 BPM. Standing pressure 1490#.

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

Company \_\_\_\_\_

Address \_\_\_\_\_

By (Signed) P. E. [Signature]

Title District Superintendent