

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYIndian Agency Jicarilla
Tribal Jicarilla
Allottee Jicarilla "C"
Lease No. Contract #34

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Jicarilla "C"
Well No. 19 is located 1490 ft. from S line and 990 ft. from E line of sec. 27
SE 1/4 Section 27 25N 2W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated-Lewis Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6736 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 $5\frac{1}{2}$ " casing at 3849' & cemented w/250 sks. reg. cement & 250 sks. permix w/1# floccs per sk. & 2# Gal. Ran temperature survey & found top of cement behind $5\frac{1}{2}$ " casing at 1900'. Perforated $5\frac{1}{2}$ " casing in Chama formation w/4 Welox jet shots per ft. as follows: 3652-3700', 3724-34', 3742-46' & 3750-84', total 90', 360 shots.

Frased Chama formation, down $5\frac{1}{2}$ " casing thru $5\frac{1}{2}$ " casing perfs. 3652-3700', 3724-34', 3742-46' & 3750-84' w/40,000# 20/40 sand & 40,000 gals. water using 2.4 rubber free balls. BOP 1800#, broke to 1000#, Max. TP 2000#, Min. TP 1500#. Inj. rate 25 BPM. Time of treatment 22 min. Standing pressure 800#, 400# in 30 min.

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. Cosper
Title District Superintendent

