

APPROVED	
JUL 30 1956	
JERRY W. LONG ACTING DISTRICT ENGINEER	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Jicarilla
Contract No. 38
Allottee _____
Lease No. 163111

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
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>Subsequent report of perforating and aquifer</u>	<input checked="" type="checkbox"/>

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

JICARILLA APACHE TRIBE
OF INDIANS TR

Farmington, New Mexico July 18, 19 56

Well No. 4 is located 990 ft. from [N] line and 790 ft. from [E] line of sec. 31
NE 1/4 NE 1/4 Section 31 T-24-N, R-5-W
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Otero Pictured Cliffs Hio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6369 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)

- 7/12/56: Set 8-5/8" csg. at 159' w/150 sks. neat cement w/3% calcium chloride. Cnt. circulated. POB at 4:00 am, 7/13/56.
- 7/13/56: Tested casing w/750' for 30 min. Test OK.
- 7/15/56: Set 4-1/2" csg. at 2220' w/175 sks. 10% gel and 100 sks neat cnt. Cement did not circulate. POB at 11:00 pm, 7/15/56.
- 7/16/56: Perforated 4-1/2" csg. 2107' to 2148' w/6 bullet shots per foot.
- 7/17/56: Aquafree w/21,000 gals. water and 30,000' sand. Ave. inj. rate 45.5 bbls./min. at 1900'.

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

Company Humble Oil & Refining Company

Address Box 1268
Farmington, New Mexico

COPY SIGNED A. M. LILLY

By Russell M. Lilly
Title Dist. Supt.

