



(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR
OIL CON. COM.
GEOLOGICAL SURVEY
DIST. 3

Indian Agency Jicarilla Apache

Saloo, New Mexico

Allottee Jicarilla Apache Tribe

Lease No. 199

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 WATER SHUT-OFF <u>FRAC</u>	<input checked="" type="checkbox"/>
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	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

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

A toe, New Mexico August 1, 1961

Jicarilla 23-5
Well No. 23-11 is located 1,550 ft. from S line and 1,650 ft. from W line of sec. _____

Sec. 23 23 North 5 West N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Basin-Robota (Wildcat) Sandoval New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6701 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)

TD at 6622 MB
Run 206 Jts., 5 1/2", 19 1/2", J-55, SMC and CP-1 casings; landed at 6622 MB. Cemented w/125 sac 70-70 Poccin, 4 1/2 gal, and 100 sac Latex. The well was perforated at 6700-6760 w/2 bullets and 2 jets/foot; fraced w/123,000 gallons water and 90,000 pounds 20-40 sand. The water was treated with 1 1/2 Galia, 10 1/2 gal per 1000 Gallons; gelling agent; 10 1/2 gal per 1000 gallons WIG-2 fluid loss agent; 1 gallon per 1000 gallons Nor-flo oil-water emulsifier. Breakdown 2300%, average treating pressure 2500%, average injection rate 33 barrels per minute, maximum treating pressure 3000%, instant shutin 2700%. Recovered 2950 barrels of water with no oil or gas.

Perforate 6622-70 with 1 jets/foot; attempted to frac; the formation took fluid at 3400% but would not break; spotted 250 gallons 7 1/2% HCA acid; the formation broke at 3100% but took 5 barrels per minute at 3000%. Pulled tubing and attempted to frac; formation took 12 barrels per minute at 3000%; pumped in 150 barrels and formation broke at 2600%. Completed the job with 30 barrels per minute injection rate, 90,000 gallons water, 27,000% 20-40 sand; instant shutin was 2300%.

Swabbed 1500 barrels of water back; formation water was black with a chloride count of 10,000 ppm; squeezed off the perforations with 25 sac of neat cement; cut pipe at 800' and left a 50-sack plug over the stub. Placed a 25-sack plug over the end of the surface pipe and a 5-sack plug at the surface w/monument.

Well plugged and abandoned at 5:30 A.M. August 1, 1961. There was no show of either gas or oil in either zone.

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

