

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Jicarilla IndiansLease No. Contract No. 49

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<u>1</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.....		

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

Jicarilla Apache Tribe
of Indians B

Hotchkiss, New Mexico April 5, 1955

Well No. 1 is located 990 ft. from N line and 990 ft. from E line of sec. 1

1/4 of 1/4 of Sec. 1 22-N 1-N 1-N
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

silent Sandoval New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is later 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 150 joints 3-1/2-inch casing, 6292.50 feet, set at 6302 feet and cemented with 800 sacks 12% gel cement with 1/40 Floccal per sack, and 100 sacks neat cement. While pumping plug down at 3500 feet returns quit. Hole stood full. Plug on bottom at 8:20 P.M., 3-31-55. Maximum pressure 1000#. Slurry weight of gel cement 13.2 to 13.6#. Slurry weight of neat 15.5#. Cited 6 hours and ran temperature survey and found top of cement at 2765 feet.

Tested on 4-2-55 with 1000# GCR. Test O.K. No drop in pressure.

Run Gamma ray and collar locator and per forated casing from 6261 to 6266 feet with 5 shots per foot.

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

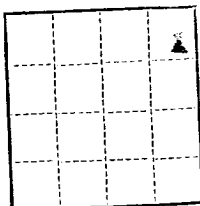
Address Box 2347

Hotchkiss, New Mexico

By [Signature]

Title District Superintendent

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Jicarilla Indians
Lease No. Contract No. 49
Unit _____
Co. Loc. 163717

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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	<u>Report of plug back, perforating</u>	☒

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

Jicarilla Apache Tribe
of IndiansHobbs, New Mexico April 2, 1955Well No. 1 is located 990 ft. from N line and 990 ft. from E line of sec. 13-4 of 3-4 of Sec. 1 22-4 4-4
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Alfcat Land New Mexico
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is Later 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)

4-4-55: Treated well with 3500 gallons #2 Diesel fuel and 2800# sand. Pumped all frac into formation and 2 barrels overflowed. Started to reverse and clean tubing and well started flowing. Flowed 80 barrels load oil in 5 hours, swabbed 22 barrels in 2 hours. After load oil recovered well swabbed 100% water, 250' fluid in hole.

4-6-55: Set cement retainer and squeezed perforations from 5261 to 6286 feet with 25 sacks regular cement at 200#. Set cast iron bridge plug on wire line at 5850 feet and perforated 5-1/2-inch casing from 5820 to 5840 feet with 6 bullets per foot. Ran 186 joints 2-inch tubing with packer and holddown, set at 5821'. Treated perforations with 500 gallons acid. Maximum pressure 200#, minimum pressure 9.0#, injection rate 4.2 gpm. On 4-hour soak test well produced 5.20 barrels fluid, 5.00 barrels oil. Bleeding and testing continues.

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

Company Arco Oil & Refining CompanyAddress Box 2347Hobbs, New MexicoBy [Signature]Title District Superintendent