



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 965
Farmington, New Mexico

November 7, 1955

Mike Abraham
918 Simms Building
Albuquerque, New Mexico

Re: Jicarilla Apache
Contract 12

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated October 31, 1955 covering your well No. 11 Jicarilla in NW sec. 33, T. 24 N., R. 5 W., N. M. P. M., Rio Arriba County, New Mexico.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

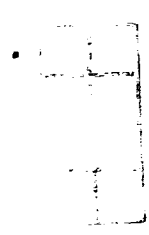
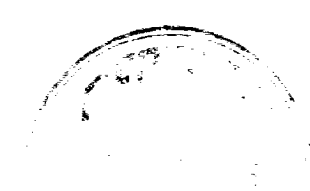
Very truly yours,

P. T. McGrath
District Engineer

PTMcGrath:ac
cc: Jicarilla Agency

McGrath

2/7/56



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Jicarilla
Apache
Allottee Magnolia
Lease No. Contract #12

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SUNDRY NOTICES AND REPORTS ON WELLS

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| NOTICE OF INTENTION TO DRILL..... | <input checked="" type="checkbox"/> | 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 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..... | | |

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

October-31, 1955

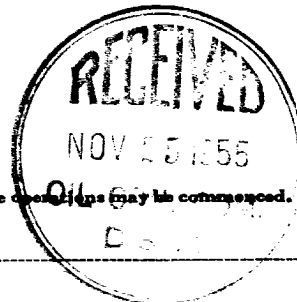
Jicarilla
Well No. 11 is located 915 ft. from N line and 1635 ft. from E line of sec. 33
24N - 5W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Jicarilla Apache Rio Arriba N. M.
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6574.7 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)

Drilled 13" surface hole, run 100 ft 8-5/8 in surface pipe, with 75 sacks cement. Drilled 7-7/8 in hole to the Picture Cliff Sandstone at the depth of around 2330 ft. Run 5-1/2 in casing to bottom, set with 125 sacks cement. Perforate pay zone, fract pay zone with 20,000 gallons water, 15,000 lb sand. Run 1' tubing and complete.



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

Company Mike Abraham
Address 918 Simms Bldg.
Albuquerque, New Mexico.
By Aracel Abraham
Title _____