

(SUBMIT IN TRIPLICATE)

Indian Agency Jicarilla-ApacheUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. Tribal #154

## 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 REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	X
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)

April 5, 19 63

Well No. 3 is located 990 ft. from N line and 990 ft. from EX line of sec. 34SE $\frac{1}{2}$  NW $\frac{1}{2}$  NW $\frac{1}{2}$  Sec. 34  
( $\frac{1}{4}$  Sec. and Sec. No.)26-N  
(Twp.)5-W  
(Range)

(Meridian)

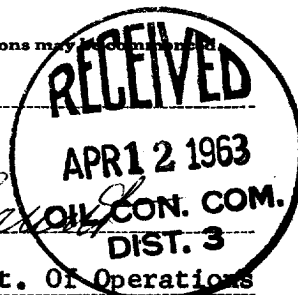
Undesignated  
(Field)Rio Arriba  
(County or Subdivision)New Mexico  
(State or Territory)RECEIVED  
APR 11 1963The elevation of the ~~surface~~ above sea level is 6551 ft.

## 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)

Deepened the above well from 2995' to Schlumberger TD 3904'. Ran 33 joints 4 $\frac{1}{2}$ ", 9.5#, J-55 liner from 2862.32' to 3904' and cemented with 175 sacks 50-50 pozmix 4% gel. Plug down 10:00 PM, 3/13/63. When testing casing, 4:45 PM, 3/14/63, pressure broke at 400#. Re-cemented top of liner with 100 sacks cement .6% Hallad-9 and 2% CaCl<sub>2</sub>. Broke down at 1700#. Displaced cement into formation with final pressure of 900#. Job complete at 11:00 AM, 3/15/63. Perforated 4 $\frac{1}{2}$ " liner from 3800-22 with 2 crack jets and 2 No-Plug jets per ft. Sand-water fraced by HOWCO with 20,000# 20-40 sand, 10,000# 10-20 sand and 20,000 gals. water. Well tested 650 MCFGPD. Ran 1 $\frac{1}{2}$ " tubing and released rig 8:00 AM, 3/19/63. One point back pressure test 3/28/63. Flow after 3 hrs. thru 3/4" orifice - 890 MCF/D. Flowing casing pressure - 279 psig. Flowing tubing pressure - 66 psig. Seven day shut in tubing & casing pressure - 885 psig. Calculated Absolute open flow - 968 MCF/D.

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

Company Marathon Oil CompanyAddress P. O. Box 120Casper, WyomingBy [Signature]Title Division Supt. Of Operations

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