

(SUBMIT IN TRIPLICATE)

Land Office New MexicoLease No. 036255Unit SW/NE
 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY
**RECEIVED**

OCT 8 1958

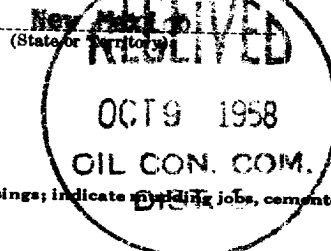
**SUNDRY NOTICES AND REPORTS ON WELLS**  
 FARMINGTON, NEW MEXICO

|   |   |             |
|---|---|-------------|
| NOTICE OF INTENTION TO DRILL.....                   | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        | <u>XXX</u>  |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... | <u>XXXX</u> |
| 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)

October 6, 1958

Kenneth Marchison - Federal

Well No. 3 is located 2,080 ft. from [N] line and 2,080 ft. from [E] line of sec. 3SW/NE Sec. 3  
(¼ Sec. and Sec. No.)25-North 13-West  
(Twp.) (Range)N.M.P.M.  
(Meridian)Bisti Extension  
(Field)San Juan County  
(County or Subdivision)The elevation of the derrick floor above sea level is 6,224 ft.**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate casing jobs, cementing points, and all other important proposed work)

9/26/58. After drilling to 4,980' with rotary rig - ran 159 joints (4,966') of 15.5# J-55 5-1/2" casing - landed 13' below zero at 4,979'. Cemented with 100 sacks cement - 50-50 poamix, 1/4# floccs, 2% gel. 9/27/58. Tested casing - 1,000# pressure held for 1 hour without appreciable drop.

9/28/58. Perforated 4940-4960 and 4790-4770 - 4 shots per foot - 400 shots in all. Sand fractured with 50,000# sand (20-40) and 40,000 gallons oil. Flushed with 6,000 gallons oil. Breakdown pressure 2,000#. Treating pressure 1600#. Avg. injection rate 45 barrels per minute. Dropped 150 balls - 3 intervals of 50 each.

9/29/58. Ran 155 joints (4918') of 2-3/8" J-55 tubing - landed at 4931'. Seating nipple at 4897'. Swabbed well into production.

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

Company Kenneth MarchisonAddress P. O. Box 728Farmington, New Mexico.
 By C. Eason Neal  
 C. Eason Neal, Agent in Farmington.  
 Title \_\_\_\_\_