

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **7-078053**  
Lease No. \_\_\_\_\_  
Unit \_\_\_\_\_

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|--|--|--|----------|
|  |  |  | <b>X</b> |
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|  |  |  |          |
|  |  |  |          |

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..... | <b>X</b> |
| 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.....                 | <b>X</b> |
| NOTICE OF INTENTION TO ABANDON WELL.....            |   |          |

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

**SOUTH CHACO UNIT**

**Farmington, New Mexico**

Well No. **4** is located **1130** ft. from **[N]** line and **1130** ft. from **[E]** line of sec. **10**  
**NE 1/4 of NE 1/4** **T-22-N** **R-8-W**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Morrison W/C** **San Juan** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6856** 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)

**7/7/57:** Moved in and rigged up completion unit. Perforated from 5688' to 5704' w/4 bullet shots per foot. Ran 2" tubing at 5720' w/packer at 5657'.

**7/8/57:** Acidised through perforations w/500 gals. mud acid. Broke down at 1500#. Final pr. 2400#.

**7/9/57:** Set retainer at 5668'. Grouted perforations from 5688' to 5704' w/175 sacks neat cement. Max. pr. 2600#. Final 3500#. Job completed at 9:55 A.M., 7/8/57. Reversed out 5 sacks. Pulled tubing. Perforated from 5637' to 5644' w/4 bullet shots per foot. Set tubing at 5657' w/packer at 5627'. Started mudding at 11:00 P.M. Connected to tank for test.

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 1268**

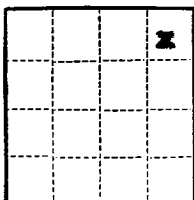
**Farmington, New Mexico**

COPY ORIGINAL  
SIGNED: **R. M. Lilly**

By **Russell M. Lilly**

Title **Dist. Supt.**





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **SF-078853**

Lease No. \_\_\_\_\_

Unit \_\_\_\_\_

**SUNDRY NOTICES AND REPORTS ON WELLS**

**RECEIVED**

**U.S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO**

|  |  |
|--|--|
| 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            |  |

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

**SOUTH CHACO UNIT**

**Farmington, New Mexico July 3, 1957**

Well No. **4** is located **1130** ft. from **[N]** line and **1130** ft. from **[E]** line of sec. **10**  
**NE/4 of NE/4** **T-22-N** **R-8-W**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Morrison S/C** **San Juan** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6858** 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)

**6/29/57: Set 5243' - 5-1/2" casing @ 5854' w/400 Sx. 12% gel. Cement did not circulate.**  
**6/30/57: Temp. survey found top of cement at 1940'.**  
**Released rotary rig at 3:00 PM, 6/29/57.**



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 1268**

**Farmington, New Mexico**

**COPY ORIGINAL SIGNED: R. M. LILLY**  
 By **Russell M. Lilly**  
 Title **Dist. Supt.**