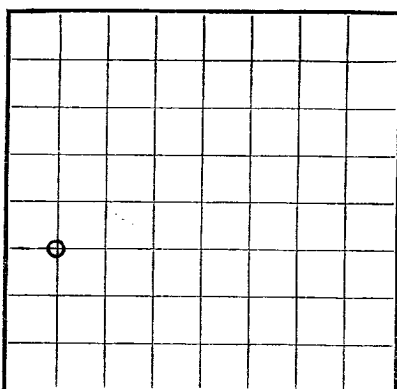
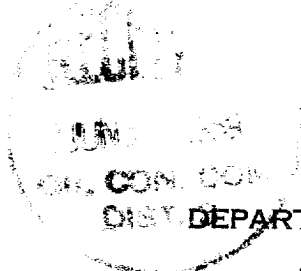




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Navajo Indian Agency

SERIAL NUMBER

LEASE OR PROSPECT

14-20-603-5027

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address 1700 Broadway - Denver 2, Colorado  
Lessor or Tract Tract 11 Field Wildcat State New Mexico  
Well No. 1 Sec. 23 T. 30N R. 20W Meridian N. M. P. M. County San Juan Kb. 5130  
Location 1980 ft. N of S Line and 660 ft. E of W Line of NW SW Sec. 23 Elevation Gr. 5117.8  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date June 15, 1959Title Division Chief Production Clerk

The summary on this page is for the condition of the well at above date.

Commenced drilling April 6, 1959 Finished drilling May 19, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 6435 to 6465 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing                | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated |     | Purpose              |
|----------------------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-----|----------------------|
|                            |                 |                  |      |        |              |                     | From—      | To— |                      |
| 13-3/8"                    | 48#             | 8-R              | NSS  | 238    | Float        | None                |            |     | Cemented to Surface. |
| HISTORY OF OIL OR GAS WELL |                 |                  |      |        |              |                     |            |     |                      |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 13-3/8"     | 252       | 250 sx.                | Halliburton |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material Concrete Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material Steel Size 1 1/2" (1-1/2")

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | + Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|--------------|-------------------|
|      |            |                |          |      |              |                   |
|      |            |                |          |      |              |                   |
|      |            |                |          |      |              |                   |
|      |            |                |          |      |              |                   |

## TOOLS USED

Rotary tools were used from Zero feet to 6645 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

May 23, 1959 Put to producing \_\_\_\_\_ Dry Hole \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. \_\_\_\_\_ Gravity, \_\_\_\_\_ B6.

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                     |
|-------|------|------------|-------------------------------|
| 0     | 50   | 50         | Sand and shale.               |
| 50    | 290  | 240        | Shale and lime.               |
| 290   | 725  | 435        | Sand and shale.               |
| 725   | 1190 | 465        | Shale and lime.               |
| 1190  | 1633 | 443        | Red beds & shale.             |
| 1633  | 1990 | 357        | Shale.                        |
| 1990  | 2112 | 122        | Shale & red beds.             |
| 2112  | 2222 | 110        | Shale.                        |
| 2222  | 2533 | 311        | Red beds & shale.             |
| 2533  | 2694 | 161        | Red shale.                    |
| 2694  | 3041 | 347        | Shale and lime.               |
| 3041  | 3124 | 83         | Shale, lime and chert.        |
| 3124  | 3230 | 106        | Shale.                        |
| 3230  | 3558 | 328        | Shale and lime.               |
| 3558  | 3625 | 67         | Shale & red beds.             |
| 3625  | 3890 | 265        | Shale and lime.               |
| 3890  | 3964 | 74         | Shale, lime & anhydrite.      |
| 3964  | 4073 | 109        | Lime, shale & red beds.       |
| 4073  | 4217 | 144        | Shale & red beds.             |
| 4217  | 4268 | 51         | Shale, red beds & anhydrite.  |
| 4268  | 4330 | 62         | Shale & red beds.             |
| 4330  | 4967 | 637        | Lime and shale.               |
| 4967  | 5005 | 38         | Shale, lime, sand and quartz. |
| 5005  | 5025 | 20         | Sand, quartz and lime.        |
| 5025  | 5062 | 37         | Lime, shale and chert.        |

FROM—

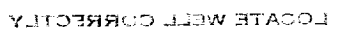
TO—

TOTAL FEET (OVER)

FORMATION

16-43094-4

FORMATION RECORD—CONTINUED



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BIOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

The summary on this page is for the collection of the self-reports and  
 Date \_\_\_\_\_ Telephone No. \_\_\_\_\_

SECRET NO FOREIGN DISSEM

## IMPORTANT WATER SAVING

COPIES OF RECORD

## HISTORY OF OIL OR GAS WELL

**FORMATION RECORD—Continued**