

[illegible]

RECEIVED  
APR 27 1961  
DEPARTMENT  
G

U. S. LAND OFFICE **Santa Fe**  
SERIAL NUMBER **SP 079065**  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
**Bigood**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company Aztec Oil and Gas Company Address Drawer # 570, Farmington, New Mexico  
Lessor or Tract Bigood Field Total Gallup State New Mexico  
Well No. 20-6 Sec. 20 T. 29N R. 13W Meridian N.M.P.M. County San Juan  
Location 660 ft. N. of S Line and 1980 ft. W of E Line of Section 20 Elevation 5477 G.L.  
(Derive 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.

ORIGINAL SIGNED BY JOE C. SALMON

Signed \_\_\_\_\_

Date April 24, 1961

Title District Superintendent

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

Commenced drilling 4/7/61, 1961 Finished drilling 4/15/61, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 5286 to 5302 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 \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, 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—  |         |
| 2 3/8       | 11.6            | 8-32             | 1-55 | 1.00   | State king of | 1000                | 1000       | 1000 | 1000    |
| 2 1/2       | 10.5            | 8-32             | 1-55 | 1.00   | 1000          | 1000                | 1000       | 1000 | 1000    |
| 2 3/8       | 11.7            | 8-32             | 1-55 | 1.00   | 1000          | 1000                | 1000       | 1000 | 1000    |

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8 5/8       | 204       | 170                    | displacement |             |                    |
| 4 1/2       | 5362      | 400                    | two plug     |             |                    |
| 3/8         | 5312      | ---                    |              |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----  
Adapters—Material ----- Size -----

## SHOOTING RECORD

| Size                                                                         | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------------------------------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| Sand-Oil fraced with 26,000# sand, 750 Bbls. oil, flushed with 100 Bbls. oil |            |                |          |      |            |                   |
| Breakdown pr.- 2500, Maximum- 2500, Avg. treating pr.- 2350, I.R. - 30.5 bpm |            |                |          |      |            |                   |
| 5 min. shut-in pr.- 000                                                      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 5363 feet, and from 5331 feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

Put to producing 4/23/61, 1961

The production for the first 24 hours was 335 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. \_\_\_\_\_

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      | 210  | 210        | surface                                                                                               |
| 210    | 1235 | 1025       | sand and shale                                                                                        |
| 1235   | 2575 | 1340       | sand and shale                                                                                        |
| 2575   | 3977 | 1402       | sand and shale                                                                                        |
| 3977   | 4153 | 176        | shale                                                                                                 |
| 4153   | 4628 | 475        | sand and shale                                                                                        |
| 4628   | 4780 | 152        | shale                                                                                                 |
| 4780   | 5363 | 583        | sand and shale                                                                                        |
|        |      |            | <p>PICTURED CLIFFS- 1218</p> <p>CLIFF HOUSE- 2810</p> <p>POINT LOOKOUT- 3704</p> <p>GALLUP - 4914</p> |
| FROM-- | TO-- | TOTAL FEET | FORMATION                                                                                             |

PICTURED CLIFFS- 1218  
CLIFF HOUSE- 2810  
POINT LOOKOUT- 3704  
GALLUP - 4914

