

U. S. LAND OFFICE **Santa Fe**  
SERIAL NUMBER **081226-B**  
LEASE OR PERMIT TO PROSPECT **Bolack**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

JAN 29 1979

L.S. - 10/10/1941

415

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company TOM BOLACK Address 1010 N. Dustin, Farmington, N. Mex.  
 Lessor or Tract Bolack Field Horseshoe Gallup State New Mexico  
 Well No. 7 Sec. 3 T. 30N R. 16W Meridian N.M.P.M. County San Juan  
 Location 380 ft. N. of 1/4 Line on 2280 ft. E. of 1/4 Line of Sec. 3 and Elevation 5654  
 (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 Tom Bolack  
 Date January 15th, 1959 Title

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

Commenced drilling December 8th 1958 Finished drilling January 19th 1959

**OIL OR GAS SANDS OR ZONES**

(Denote gas by  $G$ )

(Denote gas by G)

|                                                                                  |                                                                                  |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| No. 1, from 1535 to 1570<br>No. 2, from 1640 to 1870<br>No. 3, from 1870 to 1900 | No. 4, from 1900 to 1930<br>No. 5, from 1930 to 1960<br>No. 6, from 1960 to 1990 |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|

## IMPORTANT WATER SANDS

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

## GASING RECORD

| Shoe casting                             | Weight per foot | Thickness per inch | Make | Amount | Kind of shoe   | Cut and pulled from | Perforated     |                | Purpose    |
|------------------------------------------|-----------------|--------------------|------|--------|----------------|---------------------|----------------|----------------|------------|
|                                          |                 |                    |      |        |                |                     | From           | To             |            |
| 8-5/8"                                   | 24#             | 8                  | J-55 | 75     | -              | -                   | -              | -              | Surface    |
| 5-1/2"                                   | 24#             | 8                  | J-55 | 170#   | Texaco Pattern | Texaco Pattern      | Texaco Pattern | Texaco Pattern | Production |
| HISTOKA CO. OH. OK 172 MEG               |                 |                    |      |        |                |                     |                |                |            |
| TO - 62094-S 11-27-62 CON. REV. 10-11-62 |                 |                    |      |        |                |                     |                |                |            |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement                         | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------------------------------|-------------|-------------|--------------------|
| 8-5/8"      | 85        | 70                                             | Pump & Plug |             |                    |
| 8-1/2"      | 1700      | 100 neat, 5% gel.<br>50# floccle,<br>500# mica | " "         |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material **None** Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material **None** Size \_\_\_\_\_

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            | None           |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from Surface feet to 1700 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
to complete  
Cable tools were used from ~~xx~~ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

|                    |                  |                   |
|--------------------|------------------|-------------------|
| Ran Tubing         | DATES            | Potential Test    |
| January 14th, 1959 | Put to producing | January 15th 1959 |

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; ----- % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 42.5

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

Rock pressure, lbs. per sq. in.

## EMPLOYEES

|                             |         |  |         |
|-----------------------------|---------|--|---------|
| <b>Benson-Montell-Greer</b> | Driller |  | Driller |
| <b>Drilling Corp.</b>       |         |  |         |
|                             | Driller |  | Driller |

## FORMATION RECORD

| FROM—                            | TO—  | TOTAL FEET | FORMATION        |
|----------------------------------|------|------------|------------------|
| Surface                          | 1535 | 1535       | Mancos Shale     |
| 1535                             | 1570 | 35         | Gallup Formation |
| 1570                             | 1640 | 70         | Mancos Shale     |
| 1640                             | 1670 | 30         | Tocito Formation |
| 1670                             | 1700 | 30         | Mancos Shale     |
| The above are electric log tops. |      |            |                  |

LEASE OR PERMIT TO PROSPECT  
SERIAL NUMBER 081556-B  
U. S. LAND OFFICE Santa Fe

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
JAN 30 1950  
OIL CO. OF  
DIST. 1

A 10x10 grid with a thick black curve on the left side and an 'X' in the bottom center.

# LOG OF OIL OR GAS WELL

LOCUST CO. INCHES 3/8" OD K&L TUBING TO 1999.

[illegible]

1-7-56 Moved in cable logs. Released up on casing to 1000'.  
Completed drilling in 1956. No further drilling. 50,000 Gallons of oil and 50,000 Gallons of gas were produced. The summary of this page is for the condition of the well at above date.

No. 1-6-59 to 1700 RMB Set 54 Jmbs 1709 of 5-1/2" OD 14# 18+5 casing at 1700' with 100 sacks cement to 5% gel, 1530# floccel 5500# mica. No. 4 from No. 1, from (Denoite gas pd G)

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_

1-4-59 Moved in room - pressure decreased in 30 minutes  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_

12-9-58 TD 851 RMB. Set 350 RMB 751 of 8-5/8" OD 24 J-55 casing at 851 with 70 shoe cement, circulated to surface. No. 2, from

| Case No. | Date | Time | Location | Description of Work | Perforated |      | Purpose |
|----------|------|------|----------|---------------------|------------|------|---------|
|          |      |      |          |                     | To         | From |         |
| 281      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |
| 282      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |
| 283      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |
| 284      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |
| 285      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |
| 286      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |
| 287      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |
| 288      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |
| 289      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |
| 290      | 5-4  | 8    | 1-25     | 75                  | -          | -    | Surface |

**HISTORY OF OIL OR GAS WELL**

**MUDDING AND CEMENTING RECORD**

| Size casting | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|--------------|-----------|------------------------|-------------|-------------|--------------------|
| 2 1/8"       | 85        | 70                     | Pump & Plug |             |                    |
| 1 1/2"       | 1700      | 100 near 25 gal.       | "           |             |                    |
|              |           | 204 floccle            |             |             |                    |

## PLUGS AND ADAPTERS

|                       |      |           |  |
|-----------------------|------|-----------|--|
| Adapters—Material     | None | Size      |  |
| Heaving plug—Material | None | Length    |  |
|                       |      | Depth set |  |

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            | None           |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

**TOOLS USED**

|                             |    |         |                |         |      |
|-----------------------------|----|---------|----------------|---------|------|
| Rotary tools were used from | to | feet to | feet, and from | feet to | feet |
| Cable tools were used from  | to | feet to | feet, and from | feet to | feet |
| Rotary tools were used from | to | feet to | feet, and from | feet to | feet |
| Cable tools were used from  | to | feet to | feet, and from | feet to | feet |

~~DATE~~

|                                           |                                             |                  |                    |      |
|-------------------------------------------|---------------------------------------------|------------------|--------------------|------|
| January 14th                              | 1952                                        | Put to producing | January 15th       | 1952 |
| The production for the first 24 hours was | 110 barrels of fluid of which 100% was oil; |                  |                    |      |
| 0% emulsion; 0% water; and 0% sediment.   |                                             |                  | Gravity, °Be. 45.5 |      |

## EMPLOYEES

|         |                      |
|---------|----------------------|
| Driller | Benson-Monahan-Greer |
| Driller | Drilling Corp.       |
| Driller | Driller              |

FORMATION RECORD

| FROM -  | TO - | TOTAL FEET | FORMATION        |
|---------|------|------------|------------------|
| 1670    | 1700 | 30         | Mancoos Shale    |
| 1640    | 1670 | 30         | Tocito Formation |
| 1570    | 1640 | 70         | Mancoos Shale    |
| 1535    | 1570 | 35         | Gallup Formation |
| Surface | 1535 | 1535       | Mancoos Shale    |

The above are electric log tops.