

Sec. 28

RECEIVED  
OCT 23 1958  
OIL CON. COMDE  
DIST. 3

U. S. LAND OFFICE Jicarilla Tribal  
SERIAL NUMBER Jicarilla "C"  
LEASE OR PERMIT TO PROSPECT Contract #34

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 426 Farmington, New Mexico  
 Lessor or Tract Jicarilla "C" Field Undesignated State New Mexico  
 Well No. 18 Sec. 28 T. 25N R. 5W Meridian N.M.P.M. County Rio Arriba  
 Location 1850 ft. EX of N Line and 790 ft. EX of E Line of Sec. 28-25N-5W Elevation 6651'

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.

Date October 22, 1958 Title District Superintendent

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

Commenced drilling September 16, 1958 Finished drilling October 1, 1958

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6092' to 6110' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 6120' to 6155' No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from 6160' to 6168' No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from none to \_\_\_\_\_

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

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| OD      | Size casing | Weight per foot | Threads per inch | Make | Amount                       | Kind of shoe | Cut and pulled from | Perforated |     | Purpose |
|---------|-------------|-----------------|------------------|------|------------------------------|--------------|---------------------|------------|-----|---------|
|         |             |                 |                  |      |                              |              |                     | From—      | To— |         |
| 10-3/4" | 32.75#      | 8r              | H-40             | 316  | Cement guide                 |              |                     |            |     |         |
| 5 1/2"  | 15.5#       | 8r              | J-55             | 6331 | Comb. guide and float collar | 6092'        | 6110'               | Production |     |         |
|         |             |                 |                  |      |                              | 6120'        | 6155'               | Production |     |         |
|         |             |                 |                  |      |                              | 6160'        | 6160'               | Production |     |         |

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10-3/4"     | 327       | 300                    | Halliburton |             |                    |
| 5 1/2"      | 6298      | 1000 (2-stage)         | Halliburton |             |                    |

Temperature survey indicated top of cement behind 5½" casing (1st stage) at 4550'.  
No temperature survey taken on 2nd stage.

## 2nd FLUGS AND ADAPTERS

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

**SHOOTING RECORD: SEE REVERSE SIDE**

| <b>Size</b> | <b>Shell used</b> | <b>Explosive used</b> | <b>Quantity</b> | <b>Date</b> | <b>Depth shot</b> | <b>Depth cleaned out</b> |
|-------------|-------------------|-----------------------|-----------------|-------------|-------------------|--------------------------|
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |
|             |                   |                       |                 |             |                   |                          |

## TOOLS USED

Rotary tools were used from 0 feet to 6300 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

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

## 1. DATES

October 22, 1958 Put to producing October 20, 1958

The production for the first 24 hours was 100 barrels of fluid of which 99.8 % was oil; .2 % emulsion;        % water; and        % sediment. COR 5250.1 Gravity, °Bé. 41.6

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

Rock pressure, lbs. per sq. in. -----

## EMPLOYEES

~~Nichols Drilling Co., Inc.~~, Driller \_\_\_\_\_, Driller \_\_\_\_\_  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller \_\_\_\_\_

## FORMATION RECORD

| FROM—                    | TO—  | TOTAL FEET | FORMATION                                     |
|--------------------------|------|------------|-----------------------------------------------|
| 0                        | 2328 | 2328       | Sand and Shale                                |
| 2328                     | 2542 | 214        | Sand and Shale - Top Kirtland 2328'           |
| 2542                     | 2694 | 152        | Sand and Shale - Top Fruitland 2542'          |
| 2694                     | 2740 | 46         | Sand and Shale - Top Pictured Cliffs 2694'    |
| 2740                     | 4350 | 1610       | Sand and Shale - Top Lewis 2740'              |
| 4350                     | 4360 | 10         | Sand and Shale - Top Cliff House 4350'        |
| 4360                     | 4900 | 540        | Sand and Shale - Top Harney 4360'             |
| 4900                     | 5098 | 198        | Sand and Shale - Top Point Lookout 4900'      |
| 5098                     | 5966 | 868        | Sand and Shale - Top Mancos 5098'             |
| 5966                     | 6300 | 334        | Sand and Shale - Top Gallup 5966'             |
|                          |      |            | Tops by Schlumberger Induction-Electrical Log |
| TOTAL DEPTH              |      | 6300       |                                               |
| PLUGGED BACK TOTAL DEPTH |      | 6248       |                                               |

