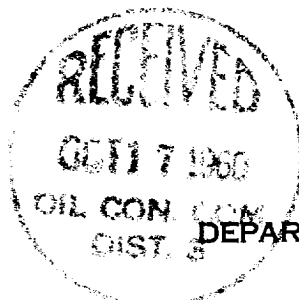


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER \_\_\_\_\_  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
SF - 076095UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Delhi-Taylor Oil Corporation Address Drawer 1198, Farmington, New Mexico  
Lessor or Tract Delhi-Mudge Field Undes. Dakota State New Mexico  
Well No. 8 Sec. 5 T. 31N R. 11W Meridian NMPM County San Juan  
Location 1030 ft. (N) of N Line and 1555 ft. (W) of E Line of Sec. 5 Elevation 5404  
(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 J. E. Howell Title Dist. Supt.Date October 12, 1960

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

Commenced drilling 9-8, 1960 Finished drilling 9-16, 1960

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7492 to 7532 G No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 7580 to 7675 G No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from None to \_\_\_\_\_ 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— |                     |
| <u>10-3/4</u>                                                                            | <u>32.75</u>    | <u>8-11</u>      | <u>CEAL</u> | <u>199</u>  | <u>199</u>   | <u>7492-7532</u>    |            |     | <u>Surface</u>      |
| <u>7-5/8</u>                                                                             | <u>28.40</u>    | <u>8-11</u>      | <u>CEAL</u> | <u>321</u>  | <u>321</u>   | <u>7532-7675</u>    |            |     | <u>Intermediate</u> |
| <u>5-1/2</u>                                                                             | <u>19.65</u>    | <u>8-11</u>      | <u>CEAL</u> | <u>7768</u> | <u>7768</u>  | <u>7675-7768</u>    |            |     | <u>Production</u>   |
| <u>2-3/8</u>                                                                             | <u>4.70</u>     | <u>"</u>         | <u>"</u>    | <u>2626</u> | <u>2626</u>  | <u>7768-7855</u>    |            |     | <u>Tubing</u>       |
| Perf. <u>7580-94</u> , <u>7602-18</u> , <u>7623-39</u> , <u>7655-75 w/4 jets per ft.</u> |                 |                  |             |             |              |                     |            |     |                     |
| <u>7492-7532, w/4 jets perf.</u>                                                         |                 |                  |             |             |              |                     |            |     |                     |

## MUDDING AND CEMENTING RECORD

| Size casing   | Where set   | Number sacks of cement | Method used        | Mud gravity | Amount of mud used |
|---------------|-------------|------------------------|--------------------|-------------|--------------------|
| <u>10-3/4</u> | <u>212</u>  | <u>200</u>             | <u>Halliburton</u> |             |                    |
| <u>7-5/8</u>  | <u>3205</u> | <u>200</u>             | <u>"</u>           |             |                    |
| <u>5-1/2</u>  | <u>7709</u> | <u>200</u>             | <u>"</u>           |             |                    |
| <u>2-3/8</u>  | <u>7612</u> | <u>---</u>             | <u>---</u>         |             |                    |

## 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 |
|----------------------|-----------------|---------------------|----------|------|------------|-------------------|
| <u>Free w/75,450</u> | <u>gals oil</u> | <u>60,000# sand</u> |          |      |            |                   |
| <u>36,100</u>        | <u>gals oil</u> | <u>40,000# sand</u> |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 w/mud feet to 3205 feet, and from 3205 w/gas feet to 7730 feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_%  
emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_If gas well, cu. ft. per 24 hours 3132 MCF 40F Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 61-168 hrs. CP-1964, TP-1964

## EMPLOYEES

\_\_\_\_\_, L. A. Vernon, Driller \_\_\_\_\_, J. D. Smithers, Driller  
\_\_\_\_\_, C. L. Long, Driller \_\_\_\_\_, A. L. Andres, Driller

## FORMATION RECORD

| FROM—        | TO—          | TOTAL FEET  | FORMATION                                      |
|--------------|--------------|-------------|------------------------------------------------|
| <u>0</u>     | <u>*3090</u> | <u>3090</u> | <u>Sand &amp; shale &amp; coal</u>             |
| <u>*3090</u> | <u>*3170</u> | <u>80</u>   | <u>Pictured Cliffs ss</u>                      |
| <u>*3170</u> | <u>*4520</u> | <u>1350</u> | <u>Lewis sh</u>                                |
| <u>*4520</u> | <u>*4615</u> | <u>95</u>   | <u>Mesaverde Transition zone (ss &amp; sh)</u> |
| <u>*4615</u> | <u>*4784</u> | <u>169</u>  | <u>Cliffhouse ss</u>                           |
| <u>*4784</u> | <u>*5155</u> | <u>371</u>  | <u>Menefee ss &amp; sh</u>                     |
| <u>*5155</u> | <u>*5280</u> | <u>125</u>  | <u>Pt. Lookout ss</u>                          |
| <u>*5280</u> | <u>6716</u>  | <u>1436</u> | <u>Mancos sh</u>                               |
| <u>6716</u>  | <u>7006</u>  | <u>290</u>  | <u>Gallup sssh</u>                             |
| <u>7006</u>  | <u>7378</u>  | <u>372</u>  | <u>Lower Mancos sh</u>                         |
| <u>7378</u>  | <u>7432</u>  | <u>54</u>   | <u>Greenhorn silty-lm.</u>                     |
| <u>7432</u>  | <u>7490</u>  | <u>58</u>   | <u>Graneros sh</u>                             |
| <u>7490</u>  | <u>7578</u>  | <u>88</u>   | <u>Graneros ss</u>                             |
| <u>7578</u>  | <u>7730</u>  | <u>152</u>  | <u>Dakota ss &amp; sh</u>                      |

\* Depths are estimated, no log was run on this interval

1. The first of these is the fact that the  
2. second of these is the fact that the  
3. third of these is the fact that the  
4. fourth of these is the fact that the  
5. fifth of these is the fact that the  
6. sixth of these is the fact that the  
7. seventh of these is the fact that the  
8. eighth of these is the fact that the  
9. ninth of these is the fact that the  
10. tenth of these is the fact that the

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OFFICIALS

[illegible]

The information herein is a complete and correct record of the well and all work done thereon  
 as far as can be determined from all available records.  
 Signed \_\_\_\_\_  
 T. J. \_\_\_\_\_  
 Location \_\_\_\_\_  
 of \_\_\_\_\_  
 Section \_\_\_\_\_  
 Township \_\_\_\_\_  
 Range \_\_\_\_\_  
 State \_\_\_\_\_  
 County \_\_\_\_\_  
 Reason of Drilling \_\_\_\_\_  
 Name of Drilling Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_  
 Date \_\_\_\_\_  
 Drilled by \_\_\_\_\_

The energy on this page is for a collection of the well known books

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

$$(b) \quad \hat{v}_i = \hat{v}_i(\hat{\beta}_i, \hat{\sigma}_i^2)$$

|                 |                 |
|-----------------|-----------------|
| No. 1, from ... | No. 1, from ... |
| No. 2, from ... | No. 2, from ... |
| No. 3, from ... | No. 3, from ... |

## NOTICE OF LAW ENFORCEMENT

..... of ..... word 6 ofZ ..... of ..... word 11 ofZ  
..... of ..... word 14 ofZ ..... of ..... word 16 ofZ

GROUPED BY TEAM

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 10-18094-2

| FROM- | TO- | TOTAL FEET | FORMATION                       |
|-------|-----|------------|---------------------------------|
|       |     |            | FORMATION RECORD                |
|       |     |            | EMPLOYERS                       |
|       |     |            | DATES                           |
|       |     |            | TOOLS USED                      |
|       |     |            | SHOOTING RECORD                 |
|       |     |            | PLUGS AND JOINTS                |
|       |     |            | MUDLOGGING AND CEMENTING RECORD |