

HOBBES

U. S. LAND OFFICE **Las Cruces**
Survey Number **030186(a)**
HOBBES OFFICE OCC
LEASE OR PERMIT TO PROSPECT

UNIFIED TIME 10:35

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Delhi-Taylor Oil Corporation** Address **Box 1821, Midland, Texas**
Lessor or Tract **Cline-Federal** Field **Langlie-Mattix** State **New Mexico**
Well No. **5** Sec. **22** T. **23S** R. **37E** Meridian **NMPM** County **Lea**
Location **990** ft. **XXX** of N Line and **2315** ft. **XXX** of E Line of **Section 22** Elevation **3280**
(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 **[Signature]**
Date **January 18, 1960** Title **District Superintendent**

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

Commenced drilling **December 9, 1959** Finished drilling **December 19, 1959**

ON OIL OR GAS SANDS OR ZONES
(Denote gas by G)
No. 1 from **3590** to **3602** No. 4, from **3602** to **3610**
No. 2, from **3610** to **3640** No. 5, from **3640** to **3654**
No. 3, from **3654** to **3660** No. 6, from **3660** to **3670**

IMPORTANT WATER SANDS
No. 1 from **None** to **3602** No. 3, from **3602** to **3610**
No. 2, from **3610** to **3640** No. 4, from **3640** to **3654**

CASING RECORD
Size casing Weight per foot Threads per inch Make and amount Kind of shoe Cut and pulled from Perforated From— To— Purpose

8-5/8 24 8R New 629' Halliburton Shut off water
5-1/2 19.5 8R Used 3692' Halliburton Shut off water

MUDDING AND CEMENTING RECORD
Size casing Where set Number sacks of cement Method used Mud gravity Amount of mud used

8-5/8 629 350 Pump 14 0
5-1/2 3692 350 Pump 15 0

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

1/2 Jet — 104 12-21 3590 - 3654 3701

TOOLS USED
Rotary tools were used from **0** feet to **3701** feet, and from **3701** feet to **3701** feet
Cable tools were used from **0** feet to **3701** feet, and from **3701** feet to **3701** feet

DATES
January 19, 1960 Put to producing January 16, 1960

The production for the first 24 hours was **103.5** barrels of fluid of which **11.5%** was oil; **11.5%** emulsion; **11.5%** water; and **11.5%** sediment. Gravity, °Bé. **37**

If gas well, cu. ft. per 24 hours **103.5** Gallons gasoline per 1,000 cu. ft. of gas **103.5**
Rock pressure, lbs. per sq. in. **103.5**

EMPLOYEES
B. T. Whitley, Driller **R. R. Kirkwood**, Driller
B. G. Campbell, Driller

FORMATION RECORD
FROM— TO— TOTAL FEET FORMATION

0 482 148 Surface rock & redbed
482 630 535 Redbed
630 1165 605 Red bed and sand
1165 1770 605 Salt
1770 2500 730 Salt and anhydrite
2500 2575 75 Anhydrite
2575 3390 815 Anhydrite & gyp
3390 3701 311 Lime

GEOLOGIC TOPS (By Samples)
Top Anhydrite **1080'**
Top Salt **1182'**
Base Salt **2495'**
Top Yates **2641'**
Top Seven Rivers **2928'**
Top Queen **3450'**
Top Penrose **3558'**

FOOD MARK

