

U. S. LAND OFFICE SERIAL NUMBER LC-071391-A LEASE OR PERMIT TO PROSPECT

Grid for locating well correctly with a small circle in the top-left cell.

RECEIVED DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY MAR 21 1962 U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO LOG OF OIL OR GAS WELL RECEIVED MAR 22 1962 O. C. C. ARTESIA OFFICE

LOCATE WELL CORRECTLY Company Castle and Wiggell Address P. O. Box 868, Midland, Texas Lessor or Tract Hondo-Federal Field WC State New Mexico Well No. Sec. 31 T. 20SR. 15E Meridian NMPM County Eddy Location 990 ft. of N. Line and 330 ft. of W. Line of Sec. 31 Elevation 3584 GL

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. B. Castle Date March 14, 1962 Title Partner

The summary on this page is for the condition of the well at above date. Commenced drilling 10-24, 1961 Finished drilling 2-21-62, 1962

OIL OR GAS SANDS OR ZONES (Denote gas by G)

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

CASING RECORD

Table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, Perforated (From-To), Purpose. Entry: 10-3/4, 40, 260, used, 260, Temp. Co., All, 100' to 1100', Water shut off.

MUDDING AND CEMENTING RECORD

Table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used. Entry: 10-3/4, 260, 5 sacks, Set.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set Adapters—Material Size

SHOOTING RECORD

Table with columns: Size, Shell used, Explosive used, Quantity, Date, Depth shot, Depth cleaned out.

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet Cable tools were used from 0 feet to 900 feet, and from feet to feet

DATES

March 14, 1962 Put to producing P&A 3-13-62, 1962 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 Gallons gasoline per 1,000 cu. ft. of gas Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller Driller Driller

FORMATION RECORD

Table with columns: FROM, TO, TOTAL FEET, FORMATION. Entries: 0-100 Anhydrite, 100-700 Sand, dolomite, 700-900 Dolomite, GammaRay - Neutron Tops, San Andres 680'

