

U.S. Land Office Las Cruces Serial Number 10 030173 (a) Lease or Permit to Prospect

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY grid table with 10 columns and 10 rows

Company Continental Oil Company Address Box 427, Hobbs, New Mexico

Well No. 12 Sec. 3 T. 20S R. 36E Meridian N.M.P.M. County Lea State New Mexico

Location 610 ft. N. of S. Line and 180 ft. E. of W. Line of Section 3 Elevation 3621

The information given herewith is a complete and correct record of the well and all work done thereon

Date September 29, 1955 Title District Superintendent

The summary on this page is for the condition of the well at above date. August 11, 1955 Finished drilling August 24, 1955

OIL OR GAS SANDS OR ZONES

Commenced drilling August 11, 1955 Finished drilling August 24, 1955

IMPORTANT WATER SANDS

No. 1, from 3760' to 3942' No. 4, from No. 2, from No. 3, from No. 5, from No. 6, from

CASING RECORD

Table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, Perforated, Purpose

MUDDING AND CEMENTING RECORD

Table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used

PLUGS AND ADAPTERS

Table with columns: Heaving plug - Material, Length, Depth set, Adapters - Material, Size

TOOLS USED

Rotary tools were used from 3950 feet to feet, and from feet to feet, and from feet to feet

DATES

Put to producing September 3, 1955 The production for the first 24 hours was 1,236 barrels of fluid of which 100% was oil

EMPLOYEES

J. O. Cole, Driller; J. W. Ellis, Driller; O. B. Kelton, Driller

FORMATION RECORD

Table with columns: FROM, TO, TOTAL FEET, FORMATION

D. 3950', DOD 3945', Formation lime. Elevation 3621' DR. DR 10' above ground. Pay (Queen 3766-3942'. 5 1/2" casing was performed from 3930-3942' with 48 shots, from 3878-3906' with 112 shots, from 3766-3858' with 368 shots. On initial potential flowed 206 bbls. of 35 deg. gravity oil, no water in 4 hours, thru 3/4" choke on 2" tubing. TP 70# GP # (pacer). Daily potential 1,236 bbls. oil with 361 MCF gas, GOR 292. Estimated daily allowable 39 (top) bbls. oil, effective 9-3-55. Well was acidized with 1,000 gals. acid and sandtraced with 6,000 gals. fuel oil, using 1# Adomite per gal. from 3930-3942'. Well was acidized with 1,000 gals. acid and sandtraced with 6,000 gals. fuel oil, using 1# Adomite per gal. from 3766-3906'. Well was acidized with 1,000 gals. acid and sandtraced with 6,000 gals. fuel oil with 1# sand and 1# Adomite per gal. from 3766-3858'. Followed trac with 50 bbls. oil flush, followed by 200 gals. jet block. Retraced from 3766-3858' with 6,000 gals. trac oil using 1# sand and 1# Adomite per gal. Well was not shot. Milling completed 8-24-55. Date rig released 8-25-55. Date tested 9-9-55. The following tops were reported:

Table with columns: Anydrite, Salt, Base Salt, Yates, Seven Rivers, Quest, 1310', 1405', 2605', 2792', 3125', 3652'

