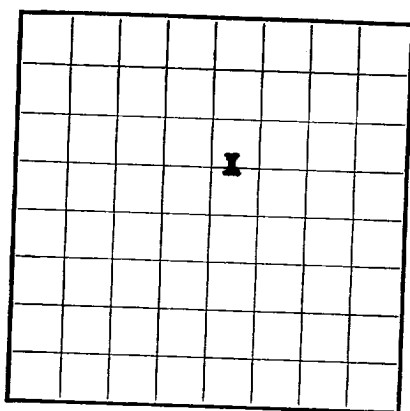




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las CrucesSERIAL NUMBER 048741-B

LEASE OR PERMIT TO PROSPECT

Co. #61313-4

UNITED STATES Federal Lewis C. Popeano
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 2347, Hobbs, New Mexico
Lessor or Tract Federal Lewis C. Popeano Field Rumont State New Mexico
Well No. 7 Sec. 35 T. 20-S R. 36-E Meridian N.M.P.M. County Lea
Location 1952 ft. N. of W. Line and 2310 ft. E. of R. Line of Section 35 Elevation 3598
(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.

Log made by W. M. Hill Signed W. M. Hill Date June 23, 1955 Title Agent
The summary on this page is for the condition of the well at above date.

Completed drilling June 23, 1955 Finished drilling June 23, 1955
Mud log bottomed at 3960 ft. Oil or gas sands or zones (Denote gas by G)

No. 1, from 0 to 3960 ft. Oil or gas sands or zones
No. 2, from 0 to 3960 ft. Oil or gas sands or zones
No. 3, from 0 to 3960 ft. Oil or gas sands or zones
No. 4, from 0 to 3960 ft. Oil or gas sands or zones
No. 5, from 0 to 3960 ft. Oil or gas sands or zones
No. 6, from 0 to 3960 ft. Oil or gas sands or zones

IMPORTANT WATER SANDS
No. 1, from 0 to 3960 ft. Oil or gas sands or zones
No. 2, from 0 to 3960 ft. Oil or gas sands or zones
No. 3, from 0 to 3960 ft. Oil or gas sands or zones
No. 4, from 0 to 3960 ft. Oil or gas sands or zones
No. 5, from 0 to 3960 ft. Oil or gas sands or zones
No. 6, from 0 to 3960 ft. Oil or gas sands or zones

CASING RECORD
Casing size 8-5/8 inch 24 ft. 294.87 Tax. Pat. 3960.00
Casing weight 14 lb. 3960.00 1525 10.8

MUDDING AND CEMENTING RECORD
Size casing 8-5/8 inch 24 ft. 294.87 Tax. Pat. 3960.00
Mud gravity 10.8

PLUGS AND ADAPTERS
Heaving plug—Material Surface Length 3960 feet, and from 0 feet to 3960 feet
Adapters—Material Surface Size 10.8

SHOOTING RECORD
Size 8-5/8 inch 24 ft. 294.87 Tax. Pat. 3960.00
Explosive used Surface Quantity 3960.00 Date 10.8

TOOLS USED
Rotary tools were used from Surface feet to 3960 feet, and from 0 feet to 3960 feet
Cable tools were used from Surface feet to 3960 feet, and from 0 feet to 3960 feet

DATES
June 23, 1955 Put to producing June 14, 1955
The production for the first 24 hours was 212.4 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36°

If gas well, cu. ft. per 24 hours 465 Gallons gasoline per 1,000 cu. ft. of gas 0
Rock pressure, lbs. per sq. in. 465

EMPLOYEES
H. C. Cooper, Driller S. H. Breland, Driller
C. L. Edwards, Driller

FORMATION RECORD
FROM— TO— TOTAL FEET FORMATION

0 1024 1024 Red beds
1024 1470 446 Red beds & anhydrite
1470 2710 1240 Salt & anhydrite
2710 3232 522 Anhydrite & gyp
3232 3408 176 Anhydrite & lime
3408 3960 T.D. 552 Lime

Formation tops:
Anhydrite: 1351'
Yates: 2972'
Queen: 3669'

FORMATION RECORD—Continued

