

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 063496
LEASE OR PERMIT TO PROSPECT Heard

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-815-00248

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

E.J. McCurdy & McElroy
Company Ranch Co. A Corporation Address 1602 Fair Bldg. Ft. Worth, Texas
Lessor or Tract Heard Field Forrest State New Mexico
Well No. 4 Sec 35 T. 16 S. R. 29 e Meridian N.M.P.M. County Eddy
Location 990 ft. (N) of S. Line and 1651 ft. (E) of W. Line of SE 1/4 of SW 1/4 35 Elevation 3655
(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 P.T. Wilson

Date August 14, 1948. Title Production Supt.

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

Commenced drilling June 4, 1948., 19 Finished drilling August 1, 19 8

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2376 to 2388 G No. 4, from 2571 to 2575
No. 2, from 2427 to 2430 G No. 5, from to
No. 3, from 2528 to 2535 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 280 to 285 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— | |
| 10-3/4 32# | 8y | 8y | 409' Tip | 409' | Tip | 409' | | | Water Shut Off |
| 7' 20# | 8y | 8y | Beth 12-93 | Halliburton | | | | | oil string |
| HISTORY OF OIL OR GAS WELL | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|---------------|-------------|--------------------|
| 10-3/4 409' | | | Doped collars | | Six sx. |
| 7' 20# | 2493' | 620 | Halliburton | | 3% Jel. |

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 |
|--------|------------|----------------|----------|--------|------------|-------------------|
| 5 1/2" | Tin | Nitro | 200 qt. | 8-2-48 | 2570 | 2585 |

TOOLS USED

Rotary tools were used from 0 feet to 2585 feet, and from feet to feet
Cable tools were used from 0 feet to 2585 feet, and from feet to feet

DATES

August 14, 1948. Put to producing August 1, 1948.
The production for the first 24 hours was 66 barrels of fluid of which 100 % was oil; %
emulsion; % water; and % sediment. Gravity, °Bé. 37
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas