

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **054988 - A**
LEASE OR PERMIT TO PROSPECT **Berry**

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Flint Production Company, Inc. Address Artesia, New Mexico
Lessor or Tract Berry Field Jackson State New Mexico
Well No. 3-A Sec. 21 T. 17 R. 30 Meridian BPM County Eddy
Location 1650 ft. {S.} of N. Line and 330 ft. {E.} of W. Line of Section 21 Elevation _____
(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 _____

Date November 4, 1938 Title _____

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

Commenced drilling August 4, 1938 Finished drilling October 20, 1938

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1630 to 1635 G. S. No. 4, from 3146 to 3151 O. S.
No. 2, from 1685 to 1705 G. S. No. 5, from _____ to _____
No. 3, from 3114 to 3122 O. S. 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

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated | | Purpose |
|---------------|-----------------|------------------|----------------|-------------|----------------|---------------------|------------|-----|---------|
| | | | | | | | From- | To- | |
| <u>8 1/2"</u> | <u>32 1/2</u> | <u>8</u> | <u>Chester</u> | <u>558</u> | <u>Regular</u> | | | | |
| <u>7" OD</u> | <u>20 1/2</u> | <u>8</u> | <u>Natl'l</u> | <u>2825</u> | <u>Float</u> | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---------------|--------------|------------------------|--------------------|--------------|----------------------|
| <u>8 1/2"</u> | <u>558'</u> | <u>50</u> | <u>Halliburton</u> | <u>Heavy</u> | <u>Top to Bottom</u> |
| <u>7" OD</u> | <u>2825'</u> | <u>100</u> | <u>Halliburton</u> | <u>Heavy</u> | <u>Top to Bottom</u> |

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 |
|------|------------|----------------|----------|------|------------|-------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3373 feet, and from _____ feet to _____ feet

DATES

Put to producing October 20, 1938

The production for the first 24 hours was 70 barrels of fluid of which 100 % 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
C. C. Connor, Driller P. F. Johnson, Driller
F. E. Pennell, Driller _____, Driller

FORMATION RECORD

| FROM- | TO- | TOTAL FEET | FORMATION |
|-------|------|------------|---|
| 0 | 60 | 60 | Gyp and Red Bed |
| 60 | 245 | 185 | Red Bed |
| 245 | 310 | 65 | Gyp and Red Bed |
| 310 | 410 | 100 | Gyp - Water at 340 |
| 410 | 445 | 35 | Gyp and Red Bed |
| 445 | 505 | 60 | Red Bed |
| 505 | 530 | 25 | Red Bed and Gyp |
| 530 | 558 | 28 | Gyp and Salt - Set 558' 8 1/2" |
| 558 | 817 | 259 | Salt |
| 817 | 885 | 65 | Salt and Gyp |
| 885 | 920 | 35 | Salt |
| 920 | 970 | 50 | Salt and Gyp |
| 970 | 1030 | 60 | Salt and Anhydrite |
| 1030 | 1210 | 180 | Anhydrite |
| 1210 | 1335 | 125 | Red Bed and Anhydrite |
| 1335 | 1435 | 100 | Anhydrite |
| 1435 | 1510 | 75 | Anhydrite and Red Bed |
| 1510 | 2105 | 495 | Anhydrite - 1630 - Gas 1685 to 1705 Gas |
| 2105 | 2130 | 25 | Anhydrite and Red Sand |
| 2130 | 2500 | 370 | Anhydrite |
| 2500 | 3854 | 354 | Gray Lime |
| 2854 | 2878 | 24 | White Lime |
| 3114 | 3122 | 8 | Brown Lime - Show Oil |
| 3122 | 3146 | 24 | Dark Gray Lime |
| 3146 | 3182 | 36 | Gray Lime -3146-3151 Show Oil |
| 3182 | 3189 | 7 | Brown Lime |
| 3189 | 3373 | 184 | Gray Lime |

FOLD | MARK

