



Orig: & CC: UNCS

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JTR, F

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029426 (b)
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sinclair Oil & Gas Company Address Box 1927 Hobbs, N.M.
Lessor or Tract H. E. West "B" Field Grayburg-Jackson State New Mexico
Well No. 9 Sec. 4 T17 S. R. 31 E Meridian N.M.P. County Eddy
Location 660 ft. (N.) of S. Line and 660 ft. (E.) of W. Line of Sec. 4-17-31 Elevation 3895
(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 M. J. P. King
Title Dist. Supt.

Date July 21, 1952

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

Commenced drilling 4-29, 19 52 Finished drilling 6-19, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3198 to 3207 No. 4, from _____ to _____
No. 2, from 3350 to 3359 No. 5, from _____ to _____
No. 3, from 3410 to 3423 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— | |
| 8 5/8 | 24 | 8.31 | | 678 | Larkin | | | | |
| 7 | 24 | 10 V | | 3089 | * | | | | |
| 2 1/2 UE | 6.5 | 8.31 | | 3395 | | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8 | 684 | 100 | Halliburton | | |
| 7 | 3089 | 200 | do | | |

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|-------|----------------|----------------|------------|----------|------------|-------------------|
| 3 1/2 | Larkin Torp. | Nitro-Glyc. | 60 lbs. | 6-22 | 3188-3218 | |
| 3 1/2 | do | do | 60 lbs. | 6-22 | 3340-3370 | |
| 2 1/2 | Dowell Incorp. | 26 H-33 | 500 & 1000 | 6-11, 12 | 3405-3426 | 3420 |

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 3544 feet, and from _____ feet to _____ feet

DATES

Put to producing 7-14 6-11, 19 52

The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Fleming, Driller Payne, Driller
Clifford, Driller _____, Driller

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------|------|------------|----------------------|
| 0 | 55 | 55 | Sand |
| 55 | 110 | 55 | Redbed |
| 110 | 290 | 180 | Red rock |
| 290 | 345 | 55 | Sandy Shale |
| 345 | 445 | 100 | Red rock |
| 445 | 475 | 30 | Anhydrite |
| 475 | 485 | 10 | Redbed |
| 485 | 585 | 100 | Anhydrite |
| 585 | 600 | 15 | Red rock |
| 600 | 665 | 65 | Anhydrite & Red rock |
| 665 | 1560 | 895 | Salt |
| 1560 | 1745 | 185 | Anhydrite |
| 1745 | 1825 | 80 | Anhydrite & Redrock |
| 1825 | 2425 | 600 | Anhydrite |
| 2425 | 2430 | 5 | Red sand |
| 2430 | 2665 | 235 | Anhydrite |
| 2665 | 2680 | 15 | Red sand |
| 2680 | 3071 | 391 | Anhydrite |
| 3071 | 3125 | 54 | Gray lime |
| 3125 | 3170 | 45 | Brown lime |
| 3170 | 3320 | 150 | Gray lime |
| 3320 | 3330 | 10 | White lime |
| 3330 | 3350 | 20 | Gray lime |
| 3350 | 3359 | 9 | Brown sandy lime |
| 3359 | 3387 | 28 | Gray lime |
| 3387 | 3453 | 66 | White lime |

FOLD MARK

FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|------|------------|------------|
| 3853 | 3453 | 5 | White lime |
| 3459 | 3463 | 5 | Gray lime |
| 3463 | 3470 | 7 | White lime |
| 3470 | 3532 | 62 | Gray lime |
| 3532 | 3544 | 12 | White lime |
| DEVIATION TESTS | | | |
| 500, 1000, 1500, 2000, 2500 hole straight | | | |
| FORMATION TOPS | | | |
| TANAIL | | | |
| 1562 | | | |
| YATES | | | |
| 1745 | | | |
| 7 PLATERS | | | |
| 1874 | | | |
| GREEN | | | |
| 2663 | | | |
| GRAPBURG | | | |
| 3070 | | | |
| CORRECTION RECORD | | | |
| OLD DAY 3198 to 3207 - 3350 to 3359 - 3410 to 3423 Shot 1/69 lbs solidified Nitro-glycerine 3188 to 3218 Shot 2/69 lbs solidified Nitro-glycerine 3340 to 3370 Acidized 4/500 gallons of K2S2O8 acid by Howell Incorp. 3405 to 3426 Acidized 1/1,000 gallons of H2SO4-38 acid by Howell Incorp. 3405 to 3426 Placed on production June 11, 1952 top allowable of 48 BOPD based on sweep test of 50 BOPD, GO # 600 - Qty. 36 | | | |

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL