

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

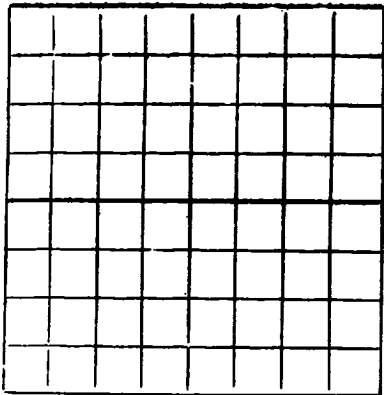
RECEIVED

SEP 19 1960

WELL RECORD

D. C. D.
ARTESIA

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies



AREA 640 ACRES
LOCATE WELL CORRECTLY

R. Q. Silverthorne

(Company or Operator)

Sunray, State

(Lessee)

Well No. 1, in NE 1/4 of NE 1/4, of Sec. 11, T. 17S, R. 28E, NMPM.

East Red Lake Queen

Pool,

Red

County.

Well is 660 feet from North line and 660 feet from East line

of Section 11. If State Land the Oil and Gas Lease No. is E-9981

Drilling Commenced July 31, 1960. Drilling was Completed August 23, 1960.

Name of Drilling Contractor Kincaid & Watson Drilling Company

Address P. O. Box 936 Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3977. The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 1970 to 87. No. 4, from to

No. 2, from to. No. 5, from to

No. 3, from to. No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 49 to 50 HPW feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|-------|-----------------|-------------|--------|--------------|---------------------|--------------|------------|
| 8 5/8 | 28 | S. H. | 331 | Hal. | - | - | Surface |
| 5 1/2 | 14 | New | 1669 | Hal. | - | 1978-94 | Oil String |
| | | | | | | | |
| | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 11 | 8 5/8 | 331 | 50 | BENTON | - | |
| 8 | 5 1/2 | 1669 | 100 | HALLIBURTON | - | |
| | | | | | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated casing 1978 to 1994

Fractured with 20,000 gals. Petrogel with 50,000 lbs. 20/40 sand

Result of Production Stimulation Production increased from 5 BOPD to approximately 60 BOPD

Depth Cleaned Out.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 2161 feet, and from 0 feet to 0 feet.
Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet.

PRODUCTION

Put to Producing August 28, 1960

OIL WELL: The production during the first 24 hours was 60 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 33

GAS WELL: The production during the first 24 hours was 0 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 0 lbs.

Length of Time Shut in 0

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy. 0
T. Salt 0
B. Salt 225
T. Yates 970
T. 7 Rivers 810
T. Queen 1335
T. Grayburg 1775
T. San Andres 2246
T. Glorieta 0
T. Drinkard 0
T. Tubbs 0
T. Abo 0
T. Penn 0
T. Miss 0

Northwestern New Mexico

T. Devonian 0
T. Silurian 0
T. Montoya 0
T. Simpson 0
T. McKee 0
T. Ellenburger 0
T. Gr. Wash 0
T. Granite 0
T. Ojo Alamo 0
T. Kirtland-Fruitland 0
T. Farmington 0
T. Pictured Cliffs 0
T. Menefee 0
T. Point Lookout 0
T. Mancos 0
T. Dakota 0
T. Morrison 0
T. Penn 0
T. 0
T. 0
T. 0
T. 0

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|-----|----------------------|-------------------|------|------|----------------------|----------------------|
| 0 | 5 | 5 | Sand | 459 | 595 | 136 | Anhydrite |
| 5 | 25 | 20 | Caliche | 595 | 628 | 33 | Red Beds & Shells |
| 25 | 40 | 15 | Anhydrite | 628 | 635 | 7 | Anhydrite |
| 40 | 45 | 5 | Gravel | 635 | 725 | 90 | Anhydrite & Red Rock |
| 45 | 95 | 10 | Sand & Gravel NW | 725 | 765 | 40 | Anhydrite |
| 95 | 110 | 55 | Red Beds | 765 | 800 | 35 | Anhydrite & Red Rock |
| 110 | 130 | 20 | Anhydrite | 800 | 1130 | 330 | Anhydrite |
| 130 | 140 | 10 | Red Bed | 1130 | 1148 | 18 | Sand |
| 140 | 205 | 65 | Red Bed & Gyp | 1148 | 1345 | 197 | Anhydrite |
| 205 | 225 | 20 | Polyhalite & Salt | 1345 | 1356 | 11 | Red Sand |
| 225 | 245 | 20 | Salt | 1356 | 1365 | 9 | Red & Gray Sand |
| 245 | 265 | 20 | Anhydrite | 1365 | 1379 | 14 | Sand |
| 265 | 300 | 35 | Anhydrite & Gyp | 1379 | 1408 | 29 | Anhydrite |
| 300 | 327 | 27 | Polyhalite & Salt | 1408 | 1495 | 7 | Lime |
| 327 | 410 | 83 | Salt | 1495 | 1577 | 62 | Anhydrite |
| 410 | 430 | 20 | Anhydrite | 1577 | 1570 | 13 | Graylime |
| 430 | 459 | 29 | Anhydrite broken | 1570 | 1587 | 17 | Oil Sand |
| | | | | 1587 | 1605 | 18 | Sand & Shale |
| | | | | 1605 | 1625 | 20 | Lime |
| | | | | 1625 | 1640 | 15 | Anhydrite |
| | | | | 1640 | 1710 | 70 | Anhydrite & Sand |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records. September 14, 1960

Company or Operator R. G. Silverthorne Address 421 Hinkle Bldg., Roswell, New Mexico
Name W. G. McCoy Position Title Agent (Date)