

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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

GARDNER PETROLEUM COMPANY

Federal #1 87-081347

(Company or Operator)

(Lease)

Well No. **1 Federal**, in **NE** $\frac{1}{4}$ of **NE** $\frac{1}{4}$ of Sec. **17**, T. **24N**, R. **3W**, NMPM.

Wildcat

RIO ARriba

County.

Well is **1170** feet from **North** line and **1140** feet from **East** line

of Section **17**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **7-1**, 19 **56** Drilling was Completed **7-20**, 19 **56**

Name of Drilling Contractor **R. H. Banner**

Address **Box 1571, Farmington, New Mexico**

Elevation above sea level at Top of Tubing Head **6885** The information given is to be kept confidential until released, 19

OIL SANDS OR ZONES

No. 1, from **3020** to **3046** 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 to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

OIL CON. COM.
DIST. C

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|-------|-----------------|-------------|--------|--------------|---------------------|--------------|------------|
| 9-5/8 | 32.3 | New | 135 | Floot | | | Surface |
| 5-1/2 | 14 | Used LN | 3116 | Floot | | 3020-46 | Production |
| | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 10-3/4 | 9-5/8 | 135' | 125 | Halliburton | | |
| 7-7/8 | 5-1/2 | 3116' | 150 | " | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Well was water fraced from 3020-3046 (6 holes per foot) with 50,000 gallons of water and 75,000 pounds of sand. Formation broke from 16000 to 15000 and treated at 16000. Injection rate 51 BPM. Well had show of gas prior to treatment.

Result of Production Stimulation Well tested 3265 MCF/D through .750" choke after 48-hour blowdown and 7-day shut in.

Dentel 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 3126 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing shut in, 19

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

GAS WELL: The production during the first 24 hours was 3265 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 930 lbs.

Length of Time Shut in 7 days

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

Southeastern New Mexico

Northwestern New Mexico

| | | |
|----------------|-----------------|--------------------------|
| T. Anhy. | T. Devonian. | T. Ojo Alamo. |
| T. Salt. | T. Silurian. | T. Kirtland-Fruitland. |
| B. Salt. | T. Montoya. | T. Farmington. |
| T. Yates. | T. Simpson. | T. Pictured Cliffs. 3020 |
| T. 7 Rivers. | T. McKee. | T. Menefee. |
| T. Queen. | T. Ellenburger. | T. Point Lookout. |
| T. Grayburg. | T. Gr. Wash. | T. Mancos. |
| T. San Andres. | T. Granite. | T. Dakota. |
| T. Glorieta. | T. | T. Morrison. |
| T. Drinkard. | T. | T. Penn. |
| T. Tubbs. | T. | T. |
| T. Abo. | T. | T. |
| T. Penn. | T. | T. |
| T. Miss. | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|-----------------|------|------|----------------------|-----------|
| 0 | 1210 | 1210 | Sand & Shale | 3020 | 3044 | 24 | Sd |
| 1210 | 1276 | 66 | Shale | 3044 | 3126 | 82 | Sh |
| 1276 | 1332 | 56 | Sand | | | | |
| 1332 | 1380 | 48 | Shale | | | | |
| 1380 | 1425 | 45 | Sand & sdy sh | | | | |
| 1425 | 1625 | 200 | Shale | | | | |
| 1625 | 1700 | 75 | Sand | | | | |
| 1700 | 1760 | 60 | Shale | | | | |
| 1760 | 1850 | 90 | Sand | | | | |
| 1850 | 2100 | 250 | Shale w/ln stks | | | | |
| 2100 | 2165 | 65 | Tight sd | | | | |
| 2165 | 2200 | 35 | Sh | | | | |
| 2200 | 2220 | 20 | Sd | | | | |
| 2220 | 2300 | 80 | Sh | | | | |
| 2300 | 2324 | 24 | Sd | | | | |
| 2324 | 2392 | 68 | Sh | | | | |
| 2392 | 2512 | 120 | Sd w/stks sh | | | | |
| 2512 | 2570 | 58 | Sh | | | | |
| 2570 | 2720 | 150 | Sd | | | | |
| 2720 | 2790 | 70 | Sh | | | | |
| 2790 | 2830 | 40 | Sd | | | | |
| 2830 | 2900 | 70 | Sh | | | | |
| 2900 | 2930 | 30 | Sd | | | | |
| 2930 | 3002 | 72 | Sh | | | | |
| 3002 | 3020 | 18 | Sd & coal | | | | |

| | | | |
|-----------------------------|--|------------------|---|
| OIL CONSERVATION COMMISSION | | | |
| AZTEC DISTRICT OFFICE | | | |
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| Operator | | | |
| Santa Fe | | 1 | |
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| U. S. G. S. | | 2 | |
| Transporter | | | |
| File | | 1 | ✓ |

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.

Company or Operator **GARDNER PETROLEUM COMPANY**
Name *R. M. Clark*

Date **5/9/57**
Address **411 Mayo Building, Tulsa, Oklahoma**
Position or Title **Representative**