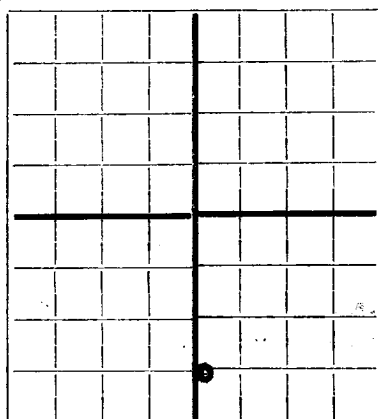


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Roy H. King **1310 1st Nat'l. Bank Bld'g., Dallas, Texas**
Company or Operator Address
Sanger Well No. **1** in **SE 1/4** of Sec. **27**, T. **18S**
Lease
R. **38E**, N. M. P. M., **Hobbs** Field, **Lea** County.
Well is **4637** feet south of the North line and **2638** feet west of the East line of **Section 27**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **Sanger Investment Company**, Address **Dallas, Texas**
If Government land the permittee is, Address
The Lessee is, Address
Drilling commenced **December 3** 19**47** Drilling was completed **January 7** 19**48**
Name of drilling contractor **Clay & Gaskle**, Address **Hobbs, N.M.**
Elevation above sea level at top of casing **3629** feet. **Ground**
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from to 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.

CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED | | PURPOSE |
|--------------|-----------------|------------------|-------------|---------------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 8-5/8 | 32# | 8 | S.H. | 234' | T.P. | | | | |
| 5-1/2 | 17# | 8 | New |) | | | | | |
| 5-1/2 | 14# | 8 | S.H. |)4060' | Fleet | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|--------------|---------------------|--------------|-------------|--------------------|
| 11" | 8-5/8 | 246' | 200 | Plug | 9.0 | |
| 7-7/8 | 5-1/2 | 4069' | 350 | Plug | 9.2 | |
| | | | | | | |
| | | | | | | |

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment

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 **4286** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **Plugged & Abn'd.**, 19
The production of the first 24 hours was barrels of fluid of which % was oil; %
emulsion; % water; and % sediment. Gravity, Be.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

EMPLOYEES

W. S. Box, Driller **R. T. Lovelady**, Driller
J. R. Pearce, Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this **26th**
day of **February**, 19**48**
W. M. Mangham
Notary Public
My Commission expires **10/24/49**

Hobbs, N.M. **Feb. 13, 1948**
Name **Charles P. Miller**
Position **Agent**
Representing **Roy H. King**
Company or Operator
Address **Dallas, Texas.**

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|---------------------------------|
| 0 | 20 | 20 | Caliche and sand |
| 20 | 160 | 140 | Sand |
| 160 | 230 | 70 | Sand and red beds |
| 230 | 246 | 16 | Red beds |
| 246 | 1378 | 1132 | Red beds with streaks of sand |
| 1378 | 1477 | 99 | Red beds with streaks of gypsum |
| 1477 | 1730 | 253 | Red rock and shale |
| 1730 | 1770 | 40 | Red beds-shale-anhydrite |
| 1770 | 1925 | 155 | Red beds-shale-anhydrite-salt |
| 1925 | 2593 | 668 | Salt and anhydrite |
| 2593 | 2779 | 186 | Salt-shale-gypsum-anhydrite |
| 2779 | 2938 | 159 | Salt-anhydrite-gypsum |
| 2938 | 3172 | 234 | Anhydrite |
| 3172 | 3200 | 28 | Anhydrite and sand |
| 3200 | 3216 | 16 | Anhydrite |
| 3216 | 3317 | 101 | Anhydrite and gypsum |
| 3317 | 3345 | 28 | Anhydrite |
| 3345 | 3353 | 8 | Sand and shale |
| 3353 | 3690 | 337 | Anhydrite |
| 3690 | 3773 | 83 | Anhydrite and gypsum |
| 3773 | 3880 | 107 | Anhydrite |
| 3880 | 3981 | 101 | Anhydrite and lime |
| 3981 | 4070 | 89 | Lime and anhydrite |
| 4070 | 4232 | 162 | Lime |
| 4232 | 4248 | 16 | Broken sand |
| 4248 | 4286 | 38 | Lime |

T.D. 4286' Plugged and abandoned.

SWABBING TESTS

T.D. 4224'. Set Hook wall packer in casing 169' off bottom. Swabbed well dry. Attempted to treat with 500 gallons 20% Low Tension acid, below packer. Acid would not go into formation under 1700# surface pressure.

T. D. 4248'. Set Hook wall packer 223' off bottom. Swabbed well dry. Allowed to set one hour- ran swab and found hole still dry.

T. D. 4279' Set Hook wall packer 250' off bottom. Swabbed well dry. Allowed to stand two hours then ran swab. Hole still dry.

T. D. 4286' Set Hook wall packer 260' off bottom. Swabbed fluid for 16 hours. On last hour of swab test well made one barrel of fluid out 27% oil. Treated below packer with 500 gallons 15% acid. Built pressure up on formation to 1000# and allowed to set 10 minutes. Then continued treatment and found acid going in on vacuum. Swabbed well and could not lower fluid more than 2000' from surface. Swabbed approximately 100% sulphur water.