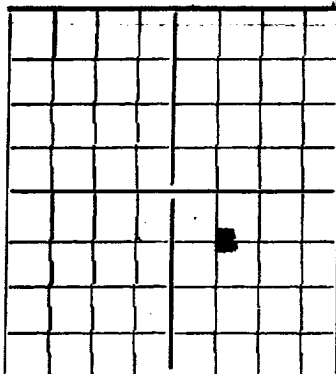


NEW MEXICO OIL CONSERVATION COMMISSION

N.

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Main to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than 10 days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Incomplete questionnaires following it with (?). SUBMIT WITH CATE. FORM C-105 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Barney Cockburn Company

Company or Operator

State

Lease

Well No.

Address

R. 308, N. M. P. M.

Field

Well is 3300 feet south of the North line and 100 feet west of the East line of

If State land the oil and gas lease is No. 3-3078 Assignment No. 32

If patented land the oil and gas lease is No. 3-3078 Assignment No. 32

If Government land the permittee is No. 3-3078 Assignment No. 32

The Lessee is Barney Cockburn Company, Address Box 115, Artesia, N.M.

Drilling commenced 10-1-42 Drilling was completed 10-1-42

Name of drilling contractor No. 3-3078 Assignment No. 32

Elevation above sea level at top of casing No. 3-3078 Assignment No. 32

The information given is to be kept confidential until No. 3-3078 Assignment No. 32

OIL SANDS OR ZONES

No. 1, from 2370 to 2375 No. 2, from 2375 to 2380

No. 3, from 2380 to 2385 No. 4, from 2385 to 2390

No. 5, from 2390 to 2395 No. 6, from 2395 to 2400

IMPORTANT WATER SANDS

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

No. 1, from 2370 to 2375 feet

No. 2, from 2375 to 2380 feet

No. 3, from 2380 to 2385 feet

No. 4, from 2385 to 2390 feet

CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM TO | PURPOSE |
|------|-----------------|------------------|------|--------|--------------|-------------------|--------------------|---------|
| 8" | 28 | | S.H. | 360 | Texas | Pattern | | |
| 7" | 22 | | S | 2455 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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" | 8 1/2" | 560' | 25 | International | | |
| 8" | 7" | 2455' | 30 | Cementers | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| | 4" | | 300 lbs | | 2370 to 3107 | To bottom |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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 feet to feet, and from feet to feet

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

PRODUCTION

Put to producing September 1, 1942

The production of the first 24 hours was 100 barrels of fluid of which 100 % 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

Bob Cockburn, Driller E. C. Morgan, Driller

R. E. Gump, 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.

Artesia, New Mexico 8-28-42

Place

Date

Subscribed and sworn to before me this

Name

day of, 19

Position Agent

Notary Public.

Representing Barney Cockburn Co.

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|-----------------------------|
| 0 | 30 | 30 | Sand |
| 30 | 115 | 85 | Sand & Red Rock |
| 115 | 145 | 30 | Red Rock |
| 145 | 155 | 10 | Blue shale |
| 155 | 160 | 5 | Sandy shale |
| 160 | 205 | 45 | Red Rock |
| 205 | 275 | 70 | Sand Rock |
| 275 | 280 | 5 | Red Rock |
| 280 | 305 | 25 | Anhydrite |
| 305 | 345 | 40 | Red Rock & Anhydrite |
| 345 | 450 | 105 | Anhydrite |
| 450 | 510 | 60 | Red Rock |
| 510 | 515 | 5 | Anhydrite |
| 515 | 525 | 10 | Salt |
| 525 | 540 | 15 | Gravel |
| 540 | 575 | 35 | Salt |
| 575 | 1125 | 550 | Salt & Anhydrite |
| 1125 | 1135 | 10 | Salt |
| 1135 | 1180 | 45 | Anhydrite |
| 1180 | 1245 | 65 | Anhydrite |
| 1245 | 1300 | 55 | Anhydrite & Salt |
| 1300 | 1350 | 50 | Anhydrite |
| 1350 | 1530 | 180 | Red Rock |
| 1530 | 1535 | 5 | Red Rock |
| 1535 | 1560 | 25 | Red Rock |
| 1560 | 1610 | 50 | Red Rock & Anhydrite shells |
| 1610 | 1705 | 95 | Red Rock & Anhydrite |
| 1705 | 1730 | 25 | Anhydrite |
| 1730 | 1750 | 20 | Anhydrite & Red Rock |
| 1750 | 1800 | 50 | Anhydrite |
| 1800 | 1855 | 55 | Anhydrite & Lime |
| 1855 | 1900 | 45 | Anhydrite |
| 1900 | 2005 | 105 | Anhydrite & Lime |
| 2005 | 2030 | 25 | Anhydrite |
| 2030 | 2080 | 50 | Anhydrite |
| 2080 | 2090 | 10 | Anhydrite & Brown Lime |
| 2090 | 2120 | 30 | Anhydrite |
| 2120 | 2400 | 280 | Red Sand |
| 2400 | 2410 | 10 | Red Sand |
| 2410 | 2435 | 25 | Red Sand & Anhydrite |
| 2435 | 2570 | 135 | Anhydrite |
| 2570 | 2570 | 0 | Anhydrite & Red Rock |
| 2570 | 2570 | 0 | Anhydrite |
| 2570 | 2590 | 20 | Anhydrite & Red Rock |
| 2590 | 2620 | 30 | Anhydrite |
| 2620 | 2590 | 30 | Anhydrite & Red Rock |
| 2590 | 2700 | 110 | Sand (oil show) |
| 2700 | 2745 | 45 | Red Rock |
| 2745 | 2770 | 25 | Anhydrite & sand shale |
| 2770 | 2795 | 25 | Anhydrite & Red Rock |
| 2795 | 2810 | 15 | Anhydrite |
| 2810 | 2830 | 20 | Lime |
| 2830 | 2835 | 5 | Hard Lime |
| 2835 | 2970 | 135 | Lime |
| 2970 | 2985 | 15 | Lime & sand |
| 2985 | 3032 | 47 | Lime |
| 3032 | 3040 | 8 | Oil show |
| 3040 | 3107 | 67 | Lime |