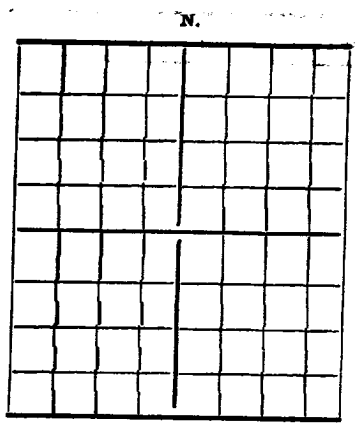
FORM C-105




AREA 640 ACRES
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



## 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.

L. H. CHOATE & C. T. BROWN — Company or Operator — Box 1021, Artesia, New Mexico — Address

Jackson-State — Lease — Well No. 1 in NE¼SW¼ of Sec. 36, T. 18S

R. 30E, N. M. P. M., Grayburg-Jackson Field, Eddy County.

Well is 1980 feet South of the North line and 1980 feet West of the East line of Section 36.

If State land the oil and gas lease is No. ——— Assignment No. ———

If patented land the owner is ———, Address ———

If Government land the permittee is ———, Address ———

The Lessee is L. H. Choate & C. T. Brown, Address Box 1021, Artesia, N.M.

Drilling commenced March 31, 1942 Drilling was completed May 18 1942

Name of drilling contractor CHOATE & BROWN, Address ARTESIA, NEW MEXICO

Elevation above sea level at top of casing ——— feet.

The information given is to be kept confidential until ——— 19———.

### OIL SANDS OR ZONES

No. 1, from 1961 to 1965 (Gas) No. 4, from ——— to ———

No. 2, from 3032 to 3038 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 1150 to 1160 feet. ———

No. 2, from 2365 to 2370 (RP?) 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 FROM | PERFORATED TO | PURPOSE |
|---|---|---|---|---|---|---|---|---|---|
| 8-1/4 | 28# | | Used | 565' | | | | | |
| 7" | 24# | | " | 2436' | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

### 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" | 8-1/4" | 565' | 50 | Cemented | | |
| 8-1/4" | 7" | 2436' | 60 | Cemented | | |
| | | | | | | |
| | | | | | | |

### 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 ——— feet to ——— feet, and from ——— feet to ——— feet

Cable tools were used from 0 feet to 3062 feet, and from ——— feet to ——— feet

### PRODUCTION

Put to producing May 14, 1942.

The production of the first 24 hours was 15 bbl per hr. 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

H. T. Marshall, Driller — J. J. Watkins, Driller

Floyd Davis, Driller — E. E. Teel, 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 25th day of May, 1942

Juanita Denton
Notary Public.

ARTESIA, N. M. (Place) May 25, 1942 (Date)

Name L. H. Choate

Position Partner

Representing CHOATE & BROWN

## FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 85 | | Sand |
| 85 | 150 | | Red Rock |
| 150 | 240 | | Sand |
| 240 | 300 | | Red Rock |
| 300 | 320 | | Anhydrite |
| 320 | 330 | | Red Rock |
| 330 | 390 | | Anhydrite |
| 390 | 405 | | Red Rock |
| 405 | 420 | | Anhydrite |
| 420 | 430 | | Blue Shale |
| 430 | 500 | | Red Rock |
| 500 | 545 | | Salt & Red Bed |
| 545 | 565 | | Salt |
| 565 | 600 | | Red Bed |
| 600 | 640 | | Salt |
| 640 | 800 | | Salt & Potash |
| 800 | 815 | | Anhydrite |
| 815 | 840 | | Salt & Potash |
| 840 | 895 | | Salt & Anhydrite |
| 895 | 935 | | Salt & Anhydrite Shells |
| 935 | 945 | | Salt & Potash |
| 945 | 965 | | Anhydrite |
| 965 | 995 | | Salt & Potash |
| 995 | 1030 | | Anhydrite & Salt |
| 1030 | 1065 | | Salt |
| 1065 | 1125 | | Salt & shell |
| 1125 | 1150 | | Salt |
| 1150 | 1160 | | Sand & WTR |
| 1160 | 1165 | | Potash |
| 1165 | 1215 | | Salt |
| 1215 | 1275 | | Salt & Shell |
| 1275 | 1320 | | Salt & Anhydrite |
| 1320 | 1375 | | Anhydrite & Shells |
| 1375 | 1410 | | Sandy Lime |
| 1410 | 1455 | | Lime |
| 1455 | 1465 | | Anhydrite |
| 1465 | 1475 | | Blue Lime |
| 1475 | 1485 | | Anhydrite |
| 1485 | 1525 | | Red Rock & Anhydrite & Shells |
| 1525 | 1555 | | Red Rock |
| 1555 | 1570 | | Red Bed |
| 1570 | 1580 | | Anhydrite |
| 1580 | 1600 | | Red Bed |
| 1600 | 1615 | | Anhydrite |
| 1615 | 1645 | | Anhydrite & Red Rock |
| 1645 | 1660 | | Anhydrite |
| 1660 | 1961 | | Anhydrite |
| 1961 | 1965 | | Broken lime & Gas Show |
| 1965 | 2045 | | Anhydrite |
| 2045 | 2052 | | Lime |
| 2052 | 2115 | | Anhydrite |
| 2115 | 2130 | | Red Bed |
| 2130 | 2165 | | Anhydrite & Red Rock |
| 2165 | 2280 | | Anhydrite |
| 2280 | 2360 | | Anhydrite |
| 2360 | 2365 | | Red Sand |
| 2365 | 2370 | | Sand & HPW. |
| 2370 | 2395 | | Red Sand |
| 2395 | 2400 | | Gray Lime |
| 2400 | 2436 | | Anhydrite |
| 2436 | 2465 | | Anhydrite |
| 2465 | 2480 | | Lime |
| 2480 | 2535 | | Anhydrite |
| 2535 | 2560 | | Anhydrite Shells & Red Rock |
| 2560 | 2660 | | Anhydrite |
| 2660 | 2675 | | Red Rock |
| 2675 | 2780 | | Anhydrite |
| 2780 | 2974 | | Lime |
| 2974 | 2980 | | Black Shale |
| 2976 | 2993 | | Lime |
| 2993 | 2995 | | Gas |
| 2995 | 3028 | | Lime |
| 3028 | 3032 | | Oil & Gas |
| 3032 | 3038 | | Soft sand Oil increase |
| 3038 | 3062 | | Lime |