

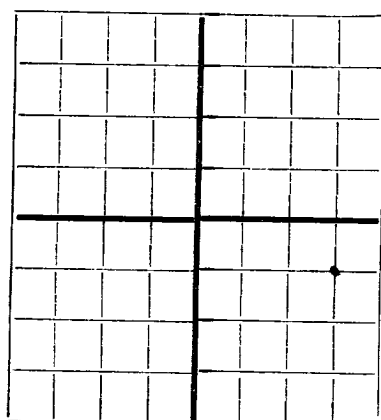
FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE

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.

Cities Service Oil Co. Drawer G., Hobbs, New Mexico
Company or Operator Address
Brunson "B" Well No. 5 in C NE SE of Sec. 4, T. 22S
Lease
R. 37E, N. M. P. M., Drinkard Field, Lea County.
Well is 3300' feet south of the North line and 660 feet west of the East line of 4-22S-37E
If State land the oil and gas lease is No. --- Assignment No. ---
If patented land the owner is Brunson Address Eunice, New Mexico
If Government land the permittee is *** Address ---
The Lessee is Cities Service Oil Company Address Empire-Masonic Bldg. Bartlesville, Oklahoma
Drilling commenced August 7, 1947 Drilling was completed September 9, 1947
Name of drilling contractor Two-States Drilling Company Address Dallas 1, Texas
Elevation above sea level at top of casing 3447' feet.
The information given is to be kept confidential until --- 19 ---

OIL SANDS OR ZONES

No. 1, from 5124' to 5274' No. 4, from --- to ---
No. 2, from 5500' to 5580' 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 | OUT & FILLED FROM | PERFORATED | | PURPOSE |
|--------|-----------------|------------------|------|----------|--------------------------------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 13" | 50# | Used | | 3003' | | | | | |
| 8 5/8" | 32# | New | H-40 | 2732' | Baker guide shoe and float collar | | | | |
| 5 1/2" | 15.5# | New | J-55 | 6485.17' | Baker triplex shoe and baffle collar | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
| 17 1/4" | 13" | 316' | 300 | Plug | --- | --- |
| 12 1/4" | 8 5/8" | 2803' | 500 | Plug | --- | --- |
| 7 3/8" | 5 1/2" | 5500' | 350 | Plug | --- | --- |

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 |
|------|------------|----------------------------|-----------|---------|-----------------------|-------------------|
| | | acid | 1000 gal. | 9-13-47 | 5500 to 6580' | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment... Swabbed and flowed in pit for 7 hours to clean up... Turned to tank and made 10.22 barrels in 2 hours and well died. Changed flow to pit for 4 hours and shut in for 3 hours. Well opened up and flowed 83.57 barrel in 3 1/2 hours.

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 6580 feet, and from --- feet to --- feet
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet

PRODUCTION

Put to producing 9-13 8 1/2, 1947
The production of the first 24 hours was 83.57 barrels of fluid of which 100% was oil; ---% emulsion; ---% water; and ---% sediment. Gravity, Be. 40.8 Corrected
If gas well, cu. ft. per 24 hours --- Gallons gasoline per 1,000 cu. ft. of gas ---
Rock pressure, lbs. per sq. in. ---

EMPLOYEES

---, Driller ---, Driller
---, Driller ---, 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 15-th

day of September, 1947

Notary Public

My Commission expires March 12, 1951

Hobbs, New Mexico September 9, 1947

Name *[Signature]*

Position District Superintendent

Representing Cities Service Oil Company

Address Drawer G., Hobbs, New Mexico

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|-------|-------|----------------------|--------------------|
| 0' | 40' | 40' | Surface sand |
| 40' | 130' | 90' | Sand and shells |
| 130' | 308' | 178' | Red bed |
| 308' | 1162' | 854' | Red bed and shale |
| 1162' | 1240' | 78' | Anhydrite |
| 1240' | 2516' | 1276' | Anhydrite and salt |
| 2516' | 2565' | 49' | Anhydrite |
| 2565' | 2585' | 20' | Anhydrite and gyp |
| 2585' | 2695' | 110' | Anhydrite |
| 2695' | 2747' | 52' | Anhydrite and gyp |
| 2747' | 2800' | 53' | Anhydrite and lime |
| 2800' | 2900' | 100' | Lime |
| 2900' | 2910' | 10' | Sand shells |
| 2910' | 3160' | 250' | Lime |
| 3160' | 3264' | 104' | Sandy lime |
| 3264' | 3580' | 3316' | Lime |
| | | | Total Depth. |

Formation Tops

| | |
|------------------|-------|
| Elevation | 3447' |
| Anhydrite | 1170' |
| Base Salt | 2420' |
| San Angelo Dense | 5053' |
| Glorietta | 5090' |
| Top of Pay | 6500' |
| Total Depth | 6580' |

DST No 1.

Tested 5124' to 5274' (150'). Gas to surface in 7 minutes mud in 31 minutes BS in 35 minutes. Flowed an estimated 20 bbl. of BS in pit in 30 minutes shake outs averaged 57% oil, 26 % water; 17% BS. Recovered 500' of BS that didn't unload. IFP 350#; FFP 740#; BUP 1510#, WCP 2240#.