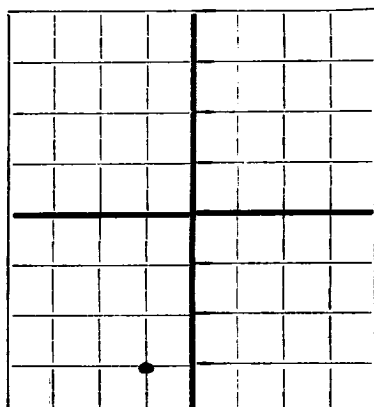


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



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.

Cities Service Oil Company Hobbs, New Mexico
Company or Operator Address
Brunson "B" Well No. 4 in C SE SW of Sec. 3, T. 22S
Lease
R. 37E, N. M. P. M., Paddock Field, Lea County.
Well is 660 feet SE of the NE corner and 1980 feet W of the 1st line of 3-22S-37E
If State land the oil and gas lease is No. --- Assignment No. ---
If patented land the owner is Brunson, Address Unice, New Mexico
If Government land the permittee is ---, Address ---
The Lessee is Cities Service Oil Company, Address Bartlesville, Oklahoma
Drilling commenced August 4 19 47 Drilling was completed August 27 19 47
Name of drilling contractor Parker Drilling Company, Address Tulsa, Oklahoma
Elevation above sea level at top of casing 3414 feet.
The information given is to be kept confidential until --- 19 ---

OIL SANDS OR ZONES

No. 1, from 5058' to 5153' 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	
<u>13"</u>	<u>50#</u>	<u>10V</u>	<u>Used</u>	<u>291.60'</u>					
<u>8 5/8"</u>	<u>29#</u>	<u>8 R</u>	<u>CS</u>	<u>2806.2'</u>	<u>Baker guide shoe and float collar</u>				
<u>5 1/2"</u>	<u>14#</u>	<u>8 R</u>	<u>J-55</u>	<u>5058.25'</u>	<u>Baker triplex shoe and baffle collar</u>				
<u>2" EUE</u>	<u>4.7#</u>	<u>8 R</u>	<u>40</u>	<u>5114'</u>					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>17 1/4" 13"</u>	<u>305.60'</u>	<u>300</u>	<u>Plug</u>			
<u>12 1/2" 8 5/8"</u>	<u>2816.4'</u>	<u>500</u>	<u>Plug</u>			
<u>7 3/8" 5 1/2"</u>	<u>5070'</u>	<u>250</u>	<u>Plug</u>			

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 Well was neither acidized or shot

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 5166 feet, and from --- feet to --- feet
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet

PRODUCTION

Put to producing August 31 19 47
The production of the first 24 hours was 437 barrels of fluid of which 99 % was oil; 1 % emulsion; 0 % water; and 0 % sediment. Gravity, Be. 38 degree 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 10 th Hobbs, New Mexico Sept. 10, 1947
day of September, 19 47 Place Date
Name [Signature]
Position District Superintendent
Representing Cities Service Oil Company
Company or Operator
Address Drawer G., Hobbs, New Mexico
Notary Public
My Commission expires March 12, 1951

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	100'	100'	Surface, caliche and sand
100'	200'	100'	Sand, red bed and red rocks
200'	315'	115'	Red bed and red rocks
315'	690'	375'	Red bed and shale
690'	1100'	410'	Red bed and shells
1100'	1178'	78'	Anhydrite and gypsum
1178'	1318'	140'	Shells and anhydrite
1318'	1487'	169'	Red bed and salt
1487'	1739'	252'	Anhydrite and red rock, salt and potash
1739'	1865'	126'	Shells and salt; anhydrite and shells
1865'	2023'	158'	Salt and anhydrite streaks
2023'	2221'	198'	Salt anhydrite and potash
2221'	2326'	105'	Anhydrite and shells
2326'	2438'	112'	Sand and gypsum
2438'	2825'	387'	Anhydrite and gypsum
2825'	2990'	165'	Anhydrite and lime
2990'	5166'	2176'	Lime
			Plugged back to 5153
			Formation Tops
			Elevation 3414
			Anhydrite 1120 Plus 2294
			Yates 2600 " 314
			San Andres 3358 Minus 444
			San Angelo Dense 5002 " 1588
			San Angelo 5036 " 1622
			D. S. I. No. 1:
			Tested 5070' to 5166'. Gas to surface in 4 minutes; mud to surface in 31 minutes; oil to surface in 42 minutes. Turned to tank and flowed 1 hour. Made 13.85 bbls. first 1/2 hour; 11.08 bbl. last 1/2 hour. Shake outs varied from 1% to 3% water, but believe well made more water as free water settled out in separator and tank. COR 1040. Tried to take BU and packer unseated. Recovered 900' oil and 370' water. IFP 450#, FFP 620#, MCP 2400#.
			Ran Schlumberger and logged to total depth.