

DUPLICATE
FORM 9-105
N.
AREA 640 ACRES
LOCATE WELL CORRECTLY

RECEIVED
JAN 30 1947

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 TRIPPLICATE.

Cities Service Oil Company, Drawer G, Hobbs, New Mexico
Company or Operator
Brunson "C" Well No. 1 in SE 1/4 of Sec. 3, T. 22
Lease
R. 27, N. M. P. M., Paddock, Lea County.
Well is 1980 feet south of the North line and 660 feet west of the East line of SE 1/4 Section
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 Bartlesville, Oklahoma
Drilling commenced 11-15 1946 Drilling was completed 12-27 1946
Name of drilling contractor Parker Drilling Company, Address Tulsa, Oklahoma
Elevation above sea level at top of casing 3390' feet.
The information given is to be kept confidential until --- 19 ---

OIL SANDS OR ZONES

No. 1, from 5050' to 5154' 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 FROM	TO	PURPOSE
13 3/8"	36#		SWSJ	320'	None				
8 5/8"	32#	8V	SS	2783'	Baker				
5 1/2"	14#	8R	J-55	5039'	Baker	Triplex			
2" EUE	4.7#	8R	J-55	5148'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/4"	13 3/8"	339'	300	Plug	---	---
10 1/4"	8 5/8"	2798'	500	Plug	---	---
7 1/4"	5 1/2"	5050'	250	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

Results of shooting or chemical treatment Din not shoot or acidize

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
F.B. 5154'

Rotary tools were used from 0 feet to 5195' feet, and from --- feet to --- feet
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet

PRODUCTION

Put to producing 12-27 1946
The production of the first 24 hours was 386.7 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be. 38.5
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 29th Hobbs, New Mexico 1-29-47
day of January 19 47 Name [Signature]
Notary Public Position District Superintendent
My Commission expires March 12, 1947 Representing Cities Service Oil Company
Address Drawer G, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Soil & Caliche
50	135	85	Sand, Caliche & Shell
135	522	387	Redbed
522	1095	573	Red Rock, Anhydrite & Shells
1095	1180	85	Anhydrite
1180	1340	160	Anhydrite, Shells & Salt
1340	1414	74	Anhydrite, Red Rock & Salt
1414	1526	112	Anhydrite & Salt
1526	1740	214	Red Rock & Salt
1740	2245	505	Red Rock, Salt & Shells
2245	2370	25	Salt, Anhydrite & Gypsum
2370	2446	76	Anhydrite & Lime
2446	2471	25	Lime
2471	3066	595	Lime & Anhydrite
3066	3425	359	Lime
3425	3493	68	Lime & Anhydrite
3493	5195	1702	Lime
			Total Depth 5195'
			Plugged Back to 5154'
			Formation Tops
			Base Salt 2390'
			Yates Sand 2540'
			San Andres 3830'
			San Angelo Dense 4993'
			Top Pay 5050'
D. S. T. No.1: Tested 4980' to 5060'. Tool open 2 hours and closed 15 minutes for build-up. Gas to surface in 43 minutes. Maximum gas volume 10.9 MCF. Recovered 450' of mud cut with gas and water and 350' of mud and sulphur water. I.F.P. 330#, F.F.P. 330#; B.U.P. 1190#; M.C.P. 2500#. Salt content was 15 P.P.M.			
D. S. T. No.2: Tested 5035' to 5120'. Gas to surface in 12 minutes; mud to surface in 23 minutes turned to tank in 33 minutes; gauges -15 minutes 7.9 barrel; 30 minutes, 16.5 barrel (8.6); 45 minutes, 23.8 barrel (7.3); 1 hour 31.7 barrel (7.9). Rate 761 barrel per day. G.C.R. 758 I.F.P. 700#; F.F.P. 825#; B.U.P. 1900#; M.C.P. 2350#.			
D. S. T. No.3: Tested 5120' to 5195'. Tool open 2 hours and closed 20 minutes for build-up. Gas to surface in 10 minutes. Reached maximum gas volume of 96 M.C.F. in 20 minutes and died down to practically no blow in 50 minutes and continued to blow from 0 to 20 M.C.F. for rest of test. Pulled one stand of drill pipe and some oil and gas unloaded. Recovered 140' of water. I.F.P. 310#, F.F.P. 680#; B.U.P. 1910#; M.C.P. 2500#.			
Ran Schlumberger.			
Salt content of water 35 P.P.M.			