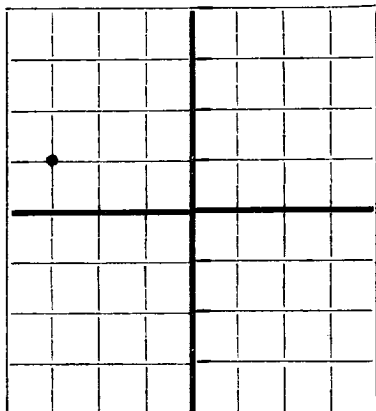


RECEIVED  
JUN 1 1948  
HOBBS OFFICE

DUPLICATE  
FORM C-105

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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Cities Service Oil Company

Drawer G., Hobbs, New Mexico

Company or Operator  
State "S" Well No. 1 in C SW NW of Sec. 15, T. 21S  
Lease  
R. 37E, N. M. P. M., Drinkard 5280 Field, Lea County.  
Well is 1980' feet south of the North line and 4620' feet west of the East line of SEC-15-21S-37E  
If State land the oil and gas lease is No. 660 Assignment No.  
If patented land the owner is -- Address --  
If Government land the permittee is -- Address --  
The Lessee is Cities Service Oil Company Address Bartlesville, Oklahoma  
Drilling commenced April 11 19 48 Drilling was completed May 16 19 48  
Name of drilling contractor Two States Drilling Company Address Dallas 1, Texas  
Elevation above sea level at top of casing 3462' feet.  
The information given is to be kept confidential until -- 19 --

OIL SANDS OR ZONES

No. 1, from 6540' to 6567' No. 4, from 6624' to 6669'  
No. 2, from 6572' to 6597' No. 5, from -- to --  
No. 3, from 6505' to 6541' 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	
13 3/8"	36 1/2	8 SJ	SW	230'	-	-	-	-	-
8 5/8"	28 1/2	8 RT	My	2788'	-	-	-	-	-
5 1/2"	19.5	8 RT	J-55	6612'	Float collar and	guide shoe	-	-	-
2" JOE	4.75	8 RT	J-55	6653.75'	-	-	-	-	-

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	13 3/8"	237'	300	Plug	--	--
11 1/2"	8 5/8"	2799'	800	Plug	--	--
7 7/8"	5 1/2"	6625'	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
		15% Acid	1000 Gallons	5-21-48	6625 to 6669'	--

Results of shooting or chemical treatment Well flowed 742 barrels of oil in 20 hours after recovering 200 barrel load used in acidizing. Tubing choke 23/32". GOR 792

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 6669 feet, and from -- feet to -- feet  
Cable tools were used from -- feet to -- feet, and from -- feet to -- feet

PRODUCTION

Put to producing May 21 19 48  
The production of the first 20 hours was 742 barrels of fluid of which 100 % was oil; -- % emulsion; -- % water; and -- % sediment. Gravity, Be 40°  
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 Hobbs, New Mexico May 27, 1948  
day of 27th of May 19 48  
Notary Public  
My Commission expires March 12, 1951  
Name --  
Position District Superintendent  
Representing Cities Service Oil Company  
Company or Operator  
Address Drawer G., Hobbs, New Mexico

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	225'	225'	Surface soil, caliche, sand.
225'	941'	716'	Red bed.
941'	1350'	409'	Anhydrite.
1350'	1567'	217'	Red bed.
1567'	1872'	305'	Salt and anhydrite shells
1872'	2528'	656'	Anhydrite and salt.
2528'	2970'	442'	Anhydrite.
2970'	3380'	410'	Anhydrite and lime.
3380'	3770'	390'	Lime.
3770'	3827'	57'	Sand and lime.
3827'	4765'	938'	Lime.
4765'	4870'	105'	Lime and gyp.
4870'	6669'	1799'	Lime. Total Depth.

## Formation Tops

San Andres	3979'	Minus	517'
San Angelo Dense	5140'	"	1678'
San Angelo	5167'	"	1705'
Clear Fork	5612'	"	2150'
Fullerton Sand	6138'	"	2696'
Top Pay	6624'	"	3162'
Total Depth	6669'		

DST No.1 6650' to 6645' (95'). Gas to surface 5 minutes, mud 38 minutes, oil 41 minutes and turned to tank in 45 minutes. Flowed 4.1 bbls first 15 minutes, 9.6 second 15 minutes, 11.8 last 30 minutes, total 25.5 bbls oil in 1 hour. Gas volume 12.3 MCF, GOR 484, IFP 625#, FFP 960#, BUP 1200# (20minutes) MCP 3175#.

DST No. 2 6620' to 6673'(corrected to 6669'), gas to surface 3 minutes, mud 65 minutes, oil 68 minutes, turned to tank 71 minutes. Flowed 2.75 bbls first 15 minutes, 2.07 second 15 minutes, 2.05 third 15 minutes, 2.75 fourth 15 minutes. Total 9.64 bbls 1 hour. Gas volume 9.8 MCF, GOR 1002, IFP 500#, FFP 630#, BUP 2575# (20 minutes) MCP 3175#.

Ran Schlumberger survey TD by Schlumberger 6669'.