

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.

Grid for locating well correctly. Includes labels for North, East, South, and West lines.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Cities Service Oil Company

Hobbs, New Mexico

Company or Operator: Cities Service Oil Company
State: N Well No.: 4 in: NESTON of Sec.: 22
Lease: 36 Arrowhead Lea
R.: 36 N. M. P. M.: 4290 Field: 4290 County: Sec. 2
Well is: 4290 feet south of the North line and 4290 feet west of the East line of
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: Cities Service Oil Co. Address: Hobbs, New Mexico
Drilling commenced: 8-29-40 19 Drilling was completed: 9-25-40 19
Name of drilling contractor: Oil Well Drilling Co. Address: Dallas, Texas
Elevation above sea level at top of casing: 3556 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from: 3735 to: 3835 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
8 5/8"	24	8	SS	341	Texas pattern casing shoe			Surface
5 1/2"	15	8	SS	3708'	Guide shoe and float collar			Oil string
2" FUE	4.7#	8	SS	3823'				Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8 5/8"	341	200	Halliburton		
	5 1/2"	3708	150	Halliburton		

PLUGS AND ADAPTERS

Heaving plug--Material Length Depth Set
Adapters--Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHOUL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Dowell XX	1000 gal.	9-28-40	3735-3835	

Results of shooting or chemical treatment Before the treat well made 92 barrels in 24 hours, after treatment well averaged 58 bbls. on 10 hour test with gas-oil ratio of 752

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 3835' feet, and from: feet to feet
Cable tools were used from: feet to feet, and from: feet to feet

PRODUCTION

Put to producing: 10-1-40 19
The production of the first 24 hours was 92 barrels of fluid of which 100 % 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. Gas-oil ratio 752

EMPLOYEES

Arthur Stine Driller O. E. Gell Driller
W. E. Duke 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 1st Hobbs, New Mexico October 1, 1940
day of October 19 40 Name: Division Clerk
Notary Public Position: Division Clerk
Representing: Cities Service Oil Co. Company or Operator
My Commission expires 6-26-43 Address: Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	120	120	Caliche and sand
120	290	170	Sand
290	318	28	Sand and red bed
318	417	99	Red bed
417	640	223	Red rock and sand
640	860	220	sand and shells
860	1496	636	red rock and red bed
1496	1585	89	Anhydrite
1585	2792	1207	anhydrite, shale and salt
2792	3019	227	anhydrite and gyp
3019	3165	146	anhydrite
3165	3-35	670	Lime TD 3835'