

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

RECEIVED

OCT 30 1951

OIL CONSERVATION COMMISSION  
HOBBS OFFICE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or to 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Cities Service Oil Company

State #2

Company or Operator

Lease

Well No. 1 in SW SW of Sec. 29, T. 15S

R. 33E, N. M. P. M., South Saunders Field, Lea County.

Well is 4620' feet south of the North line and 4620' feet west of the East line of Sec. 29-15S-33E

If State land the oil and gas lease is No. Unknown Assignment No. Unknown

If patented land the owner is - Address -

If Government land the permittee is - Address -

The Lessee is Cities Service Oil Company Address Box 97, Hobbs, New Mexico

Drilling commenced May 28 1951 Drilling was completed Sept. 2 1951

Name of drilling contractor Parker Drilg. Co. Address Tulsa, Oklahoma

Elevation above sea level at top of casing 4198 GR feet.

The information given is to be kept confidential until - 19 -

## OIL SANDS OR ZONES

No. 1, from 10,140 to 10,190 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"	48#	8	NY	301.14'	Armco			
8-5/8"	32# & 28#	8	H-40	4326.50'	Baker			
5-1/2"	17 & 20#	8	N-80	10,288	Baker			

## 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"	318.44'	300	Plug		
11-1/4"	8-5/8"	4341'	2750	Plug		
7-7/8"	5-1/2"	10,300	400	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
		Low Tension	1000	10-7-51		
		1590 Regular	4000	10-7-51		

Results of shooting or chemical treatment Well would not flow continuously. Swabbing was required at intervals. Well was P.B. to 10,204'. Pumping equipment was installed.

## 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 10,650' feet, and from - feet to - feet.

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

## PRODUCTION

Put to producing 10-25-1951

The production on Potential Test was 39.96 barrels of fluid of which 99.6% was oil; .4% emulsion; -% water; and -% sediment. Gravity, Be 37.5

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 30 th

Hobbs, New Mexico

10-30-51

day of October, 1951

Name

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	250'	250'	Caliche & Red Bed
250'	1065'	815'	Red Bed
1065'	1460'	395'	Red Bed & Shells
1460'	1465'	5'	Anhydrite
1465'	2209'	744'	Anhydrite, Red Bed & Shells
2209'	2580'	371'	Anhydrite & Salt Streaks
2580'	3312'	732'	Anhydrite, Salt & Gyp
3312'	3408'	96'	Anhydrite & Lime
3408'	3565'	157'	Anhydrite & Gyp
3565'	3600'	35'	Anhydrite, Lime & Gyp
3600'	4250'	650'	Anhydrite & Gyp
4250'	4275'	25'	Anhydrite, Gyp and Lime
4275'	7845'	3570'	Lime
7845'	8286'	441'	Lime & Shale
8286'	9354'	1068'	Lime
9354'	9375'	21'	Lime & Chert
9375'	10,326'	951'	Lime
10,326'	10,345'	19'	Lime & Chert
10,345'	10,360'	15'	Lime
10,360'	10,398'	38'	Lime, Shale & Chert
10,398'	10,406'	8'	Lime
10,406'	10,419'	13'	Lime, Chert & Shale
10,419'	10,429'	10'	Lime
10,429'	10,499'	70'	Lime, Chert & Shale
10,499'	10,650' TD	151'	Lime & Shale
	10,204' PB		

## Formation Tops

4300'	San Andreas
5850'	San Angelo
7060'	Fullerton Sand
7810'	Abo
9260'	Hasee
10,140'	Top of Pay
10,220'	Penn.

## DST # 1

Tested wolfcamp, 10,130' to 10,195' (65') 1" TC, 5/8" BC. Tool open 5 hours and SI 15 min. for B.U. Gas to surface in 49 minutes with strong blow throughout test. Recovered 988' of water blanket, 6200' (55 bbls) of oil and 240' BS&Mud (1.8bbls). IFP 515#, FFP 1085#, SIP 2755#, MCP 5130#. Oil gravity 37 deg, light green sweet, but looks more like distillate.

## DST # 2

Tested (10,207' to 10,237') 30'. 1" TC, 5/8" BC. Tool open 5 hrs. and SI 15 min. for B.U. Gas to surface 2 hrs. 57 min., fair blow throughout test. Recovered 1012' water blanket, 750' (5.5 bbls.) green light oil, sweet, gravity 38.4 deg, 308' (2.2 bbls.) of black oil cut mud, sour very black brackish water smell, heavily emulsified. IFP 495#, FFP 745#, 15 min. BU 3690#, MCP 5175#.

## DST # 3

Tested 10,239' to 10,267' (28') through 1" TC, 5/8" BC. Tool open 4 hours 35 minutes and SI 15 min. for B.U. Strong blow 35 min., fair blow 15 min., intermittent blow rest of test. Recovered 1009' water blanket, 7151' (52.9 bbls.) of sulphur water and drilling fluid. IFP 3000#, FFP 3900#, SIP 3900#, MCP 5100#.