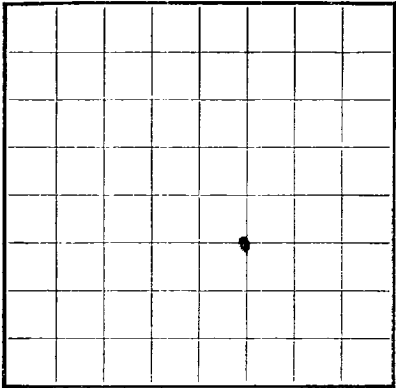




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030132-6
LEASE OR PERMIT TO PROSPECT Closson B
Cities Service Oil Co.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico
Lessor or Tract Closson B Field Jalmat State New Mexico
Well No. 9 Sec. 19 T. 22S R. 36E Meridian NM PM County Lea
Location 1980 ft. [N.] of S. Line and 1980 ft. [E.] of E. Line of 19-22S-36E Elevation 3566' (DF)
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]
Date June 29, 1956 Title Asst. Div. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling June 3, 1956 Finished drilling June 18, 1956

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3443' to 3555' (G) No. 4, from - to -
No. 2, from - to - No. 5, from - to -
No. 3, from - to - No. 6, from - to -

IMPORTANT WATER SANDS

No. 1, from - to 9 No. 3, from - to -
No. 2, from - to - No. 4, from - to -

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>5 1/2"</u>	<u>14#</u>	<u>8R</u>	<u>J-55</u>	<u>3428.03'</u>	<u>Halliburton</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>8 5/8"</u>	<u>24#</u>	<u>8R</u>	<u>J-55</u>	<u>1494.06'</u>	<u>Baker</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 1/2"</u>	<u>3439.03'</u>	<u>(300 sacks w/4% gel & 200 sacks neat)</u>	<u>Plug</u>	<u>-</u>	<u>-</u>
<u>8 5/8"</u>	<u>1509'</u>	<u>(600 sacks w/4% gel & 300 sacks neat)</u>	<u>Plug</u>	<u>-</u>	<u>-</u>

PLUGS AND ADAPTERS

Heaving plug—Material - Length - Depth set -
Adapters—Material - Size -

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>*See history of well on back side of form for record of sand frac</u>				

TOOLS USED

Rotary tools were used from 0 feet to 3555 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

June 29, 1956 Put to producing June 28, 1956

The production for the first 24 hours was - barrels of fluid of which -% was oil; -% emulsion; -% water; and -% sediment. Gravity, °Bé. -

If gas well, cu. ft. per 24 hours 867.7 MCP ** Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. TP 1100#, CP 1200# ** Plus 3/4 of 1 bbl. oil

EMPLOYEES

Mr. H. M. Chumley, Driller Mr. J. K. Jackson, Driller
Mr. W. E. Lowe, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>82</u>	<u>82</u>	<u>Surface soil, sand & caliche</u>
<u>82</u>	<u>1492</u>	<u>1410</u>	<u>Red bed, shells</u>
<u>1492</u>	<u>1522</u>	<u>30</u>	<u>Anhydrite</u>
<u>1522</u>	<u>3270</u>	<u>1748</u>	<u>Anhydrite & salt.</u>
<u>3270</u>	<u>3308</u>	<u>38</u>	<u>Anhydrite</u>
<u>3308</u>	<u>3330</u>	<u>22</u>	<u>Gyp, Anhydrite</u>
<u>3330</u>	<u>3361</u>	<u>31</u>	<u>Anhydrite</u>
<u>3361</u>	<u>3432</u>	<u>71</u>	<u>Gyp, Anhydrite</u>
<u>3432</u>	<u>3555</u>	<u>123</u>	<u>Sand, dolomite</u>

FROM-	TO-	TOTAL FEET	FORMATION

—OL

FORMATION

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
1/1/19	Initial deposit	100.00		Bank of America
1/15/19	Payment received	50.00	101	Bank of America
2/1/19	Withdrawal	25.00	102	Bank of America
2/15/19	Payment received	75.00	103	Bank of America
3/1/19	Withdrawal	30.00	104	Bank of America
3/15/19	Payment received	60.00	105	Bank of America
4/1/19	Withdrawal	40.00	106	Bank of America
4/15/19	Payment received	80.00	107	Bank of America
5/1/19	Withdrawal	50.00	108	Bank of America
5/15/19	Payment received	90.00	109	Bank of America
6/1/19	Withdrawal	60.00	110	Bank of America
6/15/19	Payment received	100.00	111	Bank of America
7/1/19	Withdrawal	70.00	112	Bank of America
7/15/19	Payment received	110.00	113	Bank of America
8/1/19	Withdrawal	80.00	114	Bank of America
8/15/19	Payment received	120.00	115	Bank of America
9/1/19	Withdrawal	90.00	116	Bank of America
9/15/19	Payment received	130.00	117	Bank of America
10/1/19	Withdrawal	100.00	118	Bank of America
10/15/19	Payment received	140.00	119	Bank of America
11/1/19	Withdrawal	110.00	120	Bank of America
11/15/19	Payment received	150.00	121	Bank of America
12/1/19	Withdrawal	120.00	122	Bank of America
12/15/19	Payment received	160.00	123	Bank of America
1/1/20	Withdrawal	130.00	124	Bank of America
1/15/20	Payment received	170.00	125	Bank of America
2/1/20	Withdrawal	140.00	126	Bank of America
2/15/20	Payment received	180.00	127	Bank of America
3/1/20	Withdrawal	150.00	128	Bank of America
3/15/20	Payment received	190.00	129	Bank of America
4/1/20	Withdrawal	160.00	130	Bank of America
4/15/20	Payment received	200.00	131	Bank of America
5/1/20	Withdrawal	170.00	132	Bank of America
5/15/20	Payment received	210.00	133	Bank of America
6/1/20	Withdrawal	180.00	134	Bank of America
6/15/20	Payment received	220.00	135	Bank of America
7/1/20	Withdrawal	190.00	136	Bank of America
7/15/20	Payment received	230.00	137	Bank of America
8/1/20	Withdrawal	200.00	138	Bank of America
8/15/20	Payment received	240.00	139	Bank of America
9/1/20	Withdrawal	210.00	140	Bank of America
9/15/20	Payment received	250.00	141	Bank of America
10/1/20	Withdrawal	220.00	142	Bank of America
10/15/20	Payment received	260.00	143	Bank of America
11/1/20	Withdrawal	230.00	144	Bank of America
11/15/20	Payment received	270.00	145	Bank of America
12/1/20	Withdrawal	240.00	146	Bank of America
12/15/20	Payment received	280.00	147	Bank of America
1/1/21	Withdrawal	250.00	148	Bank of America
1/15/21	Payment received	290.00	149	Bank of America
2/1/21	Withdrawal	260.00	150	Bank of America
2/15/21	Payment received	300.00	151	Bank of America
3/1/21	Withdrawal	270.00	152	Bank of America
3/15/21	Payment received	310.00	153	Bank of America
4/1/21	Withdrawal	280.00	154	Bank of America
4/15/21	Payment received	320.00	155	Bank of America
5/1/21	Withdrawal	290.00	156	Bank of America
5/15/21	Payment received	330.00	157	Bank of America
6/1/21	Withdrawal	300.00	158	Bank of America
6/15/21	Payment received	340.00	159	Bank of America
7/1/21	Withdrawal	310.00	160	Bank of America
7/15/21	Payment received	350.00	161	Bank of America
8/1/21	Withdrawal	320.00	162	Bank of America
8/15/21	Payment received	360.00	163	Bank of America
9/1/21	Withdrawal	330.00	164	Bank of America
9/15/21	Payment received	370.00	165	Bank of America
10/1/21	Withdrawal	340.00	166	Bank of America
10/15/21	Payment received	380.00	167	Bank of America
11/1/21	Withdrawal	350.00	168	Bank of America
11/15/21	Payment received	390.00	169	Bank of America
12/1/21				

U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

* Sand frac 6-24-56. Acidized w/500 gal. lse. crude. Followed by 10,000 ea. frac & 10,000 sand. Max. Press. 2100#. Rate 27.44 phls./min. broke to 1200#, SI 8 hrs. Ran swab 2 runs & started flowing. Flowed 62 phls. oil. 20/64" choke. FTP 300#, CP 300#, Gas 998 MCF/24 hrs. Changed coke to 16/64", FTP 500#, Gas volume 800 MCF. 30 min. SIP 700#. Flowed official potential 48 hr. SI TP 1100#, CP 1200#. Flowed 24 hrs. 13/64" choke. stabilized FTP 560#, CP560#. Produced 3/4 of 1 bbl. oil. 867.7 MCF gas/24 hrs.