

DUPLICATE

FORM C-105

N

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 TRIPPLICATE. 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

Hobbs, New Mexico

Owen Company or Operator 7 Well No. 7 in E 1/4 Corner 35 Address 213
Lease Drinkard Lea
R. 595, N. M. P. M., 710 Field, E 1/4 Corner County.
Well is feet south of the North line and 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 Mark Owen Address Eunice, New Mexico
If Government land the permittee is Address
The Lessee is Cities Service Oil Company Address Bartlesville, Oklahoma
Drilling commenced March 23, 1947 Drilling was completed May 2, 1947
Name of drilling contractor Two States Drilling Company Address Dallas, Texas
Elevation above sea level at top of casing 5375 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 5150' to 5245' No. 4, from to
No. 2, from 5430' to 5555' 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		PURPOSE
							FROM	TO	
13 5/8"	34 1/2	SW		280'					
8 5/8"	32 1/2	SR		2700'	Baker	Triplex			
5 1/2"	14 1/2	SR	J-55	6447'	Baker				
2" NUP	4.7 1/2	SR	J-55	6540.51					

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"	12 5/8"	283	500	Plug		
12 1/4"	8 5/8"	2800	500	Plug		
7 3/8"	5 1/2"	6458	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
Gal.		Acid	5000	5/3/47		

Results of shooting or chemical treatment Flowed 205.94 barrel in 15 hours, 14% water, 19/32" choke, GOR 445, rated potential 329.5 barrel

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 6555' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing May 5, 1947
The production of the first 24 hours was 205.94 barrels of fluid of which 99.6% was oil; 0% emulsion; .4% water; and 0% sediment. Gravity, Be 40.5 at 60
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 14th day of May, 1947
Notary Public
My Commission expires March 12, 1951

Hobbs, New Mexico, May 14, 1947
Place Date
Name District Superintendent
Position Cities Service Oil Company
Representing Company or Operator
Address Drawer G, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	30'	30'	Surface soil, caliche
30'	135'	105'	Caliche, red bed
135'	1210'	1075'	Red bed and red rock
1210'	1294'	84'	Red rock and anhydrite
1294'	2335'	1041'	Anhydrite and salt
2335'	2606'	271'	Anhydrite
2606'	2792'	186'	Anhydrite and gypsum
2792'	2880'	88'	Anhydrite
2880'	3077'	197'	Lime
3077'	3132'	55'	Anhydrite and lime
3132'	3292'	160'	Lime
3292'	3378'	86'	Anhydrite and lime
3378'	3445'	67'	Lime
3445'	3518'	73'	Anhydrite and lime
3518'	3579'	61'	Anhydrite and gypsum
3579'	3635'	54'	Anhydrite and lime
3635'	3691'	56'	Anhydrite and gypsum
3691'	3915'	224'	Sandy lime
3915'	3985'	70'	Lime
3985'	4728'	743'	Sandy lime
4728'	6555'	1827'	Lime

TOPS

San Andres	3904'
San Angelo Dense	5104'
San Angelo	5160'
Clear Fork	5849'
Total Depth	6555'

DST #1: Tested 6458' to 6555' (97'). Tool open 2 hours; closed for 20 minute build-up. Gas to surface in 23 minutes and maintained faint blow throughout test. Recovered 1100' of fluid; 50' of oil and gas cut mud - 870' of oil unloaded, 180' of slightly oil cut mud. No free water. IFF - 0%; FFP - 485%; BUP failed; MCP - 3080%.

Run Schlumberger and logged to Total Depth.