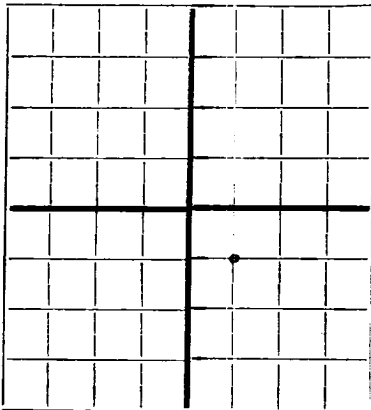


DUPLICATE

RECEIVED
JUL 31 1947
HOBBS OFFICE

FORM C-105

N



AREA 640 ACRES
LOCATE WELL CORRECTLY

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 (7). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Cities Service Oil Company Hobbs, New Mexico
Company or Operator Address
Well No. 4 in Sec. 3 of T. 23N.
Lease
R. 7, N. M. P. M., Brinkard Field, Lea County.
Well is 1240 feet North South
feet south of the North line and 1240 feet west of the East line of Sec. 3-23-37.
If State land the oil and gas lease is No. --- Assignment No. ---
If patented land the owner is ---, Address ---, New Mexico
If Government land the permittee is ---, Address ---
The Lessee is --- Cities Service Oil Company ---, Address --- Bartlesville, Oklahoma
Drilling commenced June 9 1947 Drilling was completed July 15 1947
Name of drilling contractor Two States Drilling Company ---, Address --- Dallas, Texas
Elevation above sea level at top of casing 3403 feet.
The information given is to be kept confidential until --- 19---

OIL SANDS OR ZONES

No. 1, from 1000' to 1200' 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		PURPOSE
							FROM	TO	
1 1/2"	30	107		20'					
1 3/4"	25	63		200'	Baker				
1 1/2"	1.5	63	J-85	5460.37'	Baker				
2"	4.7	58	J-85	5345'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
1 1/2"	1 1/2"	100'	500	Plug		
1 1/4"	1 1/4"	1010'	500	Plug		
7 3/8"	5 1/2"	6475'	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
		Towall Chemical	3000	7-1-47	6475' to 6561'	
		Co. acid	gallon			

Results of shooting or chemical treatment well flowed without swab in. flowed to pit three hrs. and cleaned into tank for four hrs. Then, potential test was started. (See below)

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 6561 feet, and from --- feet to --- feet
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet

PRODUCTION

Put to producing July 19 1947
The production of the first 24 hours was 455.41 barrels of fluid of which 99.6% was oil; .4% emulsion; ---% water; and ---% sediment. Gravity, Be. 30.2
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 15th day of July 1947

Hobbs, New Mexico July 25, 1947
Place Date

Notary Public
March 12, 1951

Name --- District Superintendent
Position --- Cities Service Oil Company
Representing ---
Company or Operator
Address --- Hobbs, New Mexico

Mv Commission expires

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	55'	55	Surface, caliche
55'	198'	141	Red bed and shale
198'	1177'	979	Red rock and red bed
1177'	1200'	23	Anhydrite (broken)
1200'	2301'	1101	Anhydrite and salt
2301'	2370'	69	Salt and shells
2370'	2587'	217	Anhydrite
2587'	3000'	413	Anhydrite and gypsum
3000'	3407'	407	Anhydrite
3407'	3610'	203	Anhydrite and lime
3610'	3745'	135	Sandy lime
3745'	3826'	81	Hard lime
3826'	4243'	417	Sand and lime
4243'	4335'	92	Lime
4335'	4450'	115	Sand and lime
4450'	5561'	1111	Lime

FORMATION LOG

San Andres 3850'
 San Angelo Dense 5027'
 Clear Fork 5493'
 Bull-ton Sand 5824'
 Top Way 6428'
 Total Depth 6561'

TEST # 1:

Tested from 5898' to 4200'. Tool open 2 hrs and 20 min. Gas to surface in 5 min. died to faint blow in 20 min. and maintained faint blow throughout test. Closed for build up and packer unseated. Recovered 4200' of fluid all of which unloaded at intervals coming out of hole. Est. 90' drilling mud, 3750' free oil and 300' of oil and formation water. Est. 1750'; 200' 1200'; 200' 2300'.

TEST # 2:

Tested 6475' to 5811' (664'). Gas to surface in 1 1/2 minutes, reached 50.9 MCF in 15 minutes and died to faint blow in 1 hour. Left tool open 2 hours and took 30 minute BU, well unloaded after pulling 1 stand, recovered 1750' oil and 150' gas and oil cut out. 1750'; 200' 2300'; 200' 2510'; 200' 3030'.

San Schlumberger and logged to total depth.