

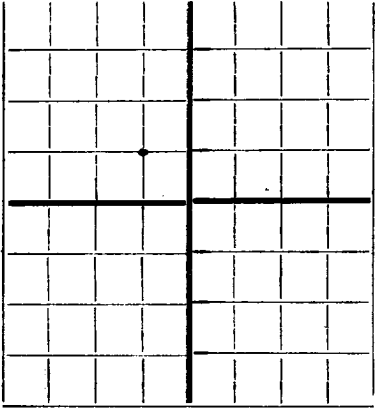
DUPLICATE

JUL 12 1948
RECEIVED
HOBBBS OFFICE

FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.**

Cities Service Oil Company Drawer G., Hobbs, New Mexico
Company or Operator Address
State "S" Well No. 2 in C SE NW of Sec. 15 T. 21S
Lease
R. 37A N. M. P. M. Drinkard Field Lea County.
Well is 1980 feet south of the North line and 1980 feet west of the East line of Sec. 15-21S-37E
If State land the oil and gas lease is No. B-1481 Assignment No. -
If patented land the owner is - - - Address - - -
If Government land the permittee is - - - Address - - -
The Lessee is Cities Service Oil Company Address Bartlesville, Oklahoma
Drilling commenced June 1 19 48 Drilling was completed June 29 19 48
Name of drilling contractor Two States Drilling Company Address Dallas 1, Texas
Elevation above sea level at top of casing 3445 feet.
The information given is to be kept confidential until - - - 19 - - -

OIL SANDS OR ZONES

No. 1, from 6568' to 6676' 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	
13 3/8"	36#	SJSW		280.4'	-	-	-	-	-
	48#(1 ft.)	8 R	SS	-	-	-	-	-	-
8 5/8"	24 & 28#	8 R	SS	2775.79'	-	-	-	-	-
5 1/2"	14 & 15.5#	8R	SS	6573'	-	Float collar and guide shoe	-	-	-
2"	4.7#	2 R	CS	6674'	-	-	-	-	-

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	297'	300	Plug	- - -	- - -
11 1/2"	8 5/8"	2791.19'	500	Plug	- - -	- - -
7 7/8"	5 1/2"	6586'	125	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
		Acid	3500	7-5-48	6568'	6676'

Results of shooting or chemical treatment Swabbed and flowed 150 bbls. of fluid to pits, flowed 66 bbls. oil, BS and acid water to tank in 2 hours on 31/64" choke.

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 6676' feet, and from - - - feet to - - - feet
Cable tools were used from - - - feet to - - - feet, and from - - - feet to - - - feet

PRODUCTION

Put to producing July 5 19 48
The production of the first 24 hours was 198.01 barrels of fluid of which 86.96% was oil; - - -% emulsion; 13.04% water; and - - -% sediment. Gravity, Be. 39.4 at 50 degrees
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 8th Hobbs, New Mexico 7-8-48
day of July 19 48 Name [Signature]
Notary Public Position District Superintendent
My Commission expires March 12, 1951 Representing Cities Service Oil Company
Company or Operator Address Drawer G., Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	60'	60'	Surface sand and caliche.
60'	305'	245'	Red Bed.
305'	1240'	935'	Red bed and shells.
1240'	1330'	90'	Red bed and anhydrite.
1330'	1513'	183'	Anhydrite
1513'	1910'	397'	Anhydrite, salt, shells and sand.
1910'	2425'	515'	Anhydrite and salt.
2425'	2560'	135'	Anhydrite, shells and salt.
2560'	2623'	63'	Anhydrite and Potash
2623'	2679'	56'	Anhydrite.
2679'	2741'	62'	Anhydrite and shells.
2741'	2883'	142'	Anhydrite.
2883'	3006'	123'	Lime and anhydrite.
3006'	3502'	496'	Anhydrite.
3502'	6676'	3174'	Lime TD.
			Formation Tops
			Yates 2660' Plus 785'
			San Andres 3951' Minus 506'
			San Angelo Dense 5120' " 1675'
			Clear Fork 5609' " 2164'
			Fullerton Sand 6161' " 2716'
			Top Pay 6568' " 3123'
			Total Depth 6676'
			DST #1:
			Tested 44' from 6540' to 6584'. Tool open 1½ hours, faint blow of air throughout test. Recovered 85' of drilling mud, no oil, no gas, no flowing or build up pressure.
			DST #2:
			Tested 6584' to 6676' (92'). Had a very faint instant blow of air when tool opened. Pulled tool and recovered 12' of drilling mud.
			DST #3:
			Had faint blow of air for one minute when tool opened. Left open 2 hours, recovered 12' drilling mud, no flowing and no BUP.
			DST #4:
			Tested 6584' to 6676', faint blow of air when tool opened, recovered 25' drilling mud. No flowing pressure, no build up pressure.
			This well was acidized with 3500 gallons, July 5, 1948.