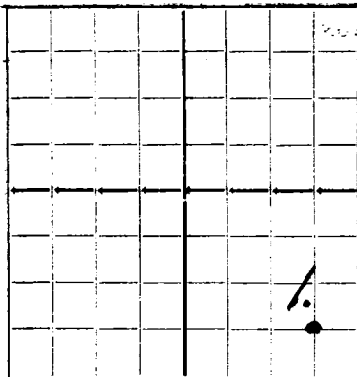
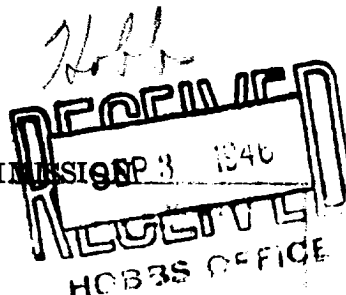


N.

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.

Cities Service Oil Company Hobbs, New Mexico
 Company or Operator Address
 Owen Well No. 1 in SE SE of Sec. 35, T. 21S
 Lease
 R. 37E N. M. P. M. Drinkard Field, Lea County.
 Well is 660' feet North of the South line and 660 feet west of the East line of lease
 If State land the oil and gas lease is No. - Assignment No. -
 If patented land the owner is Mark Owen Address Eunice, N.M.
 If Government land the permittee is - Address -
 The Lessee is Cities Service Oil Company Address Bartlesville, Oklahoma
 Drilling commenced June 26, 19 46 Drilling was completed August 10, 19 46
 Name of drilling contractor Two States Address Ft. Worth, Texas
 Elevation above sea level at top of casing 3368 feet.
 The information given is to be kept confidential until - 19 -

OIL SANDS OR ZONES

No. 1, from 5112 to 5230 No. 4, from - to -
 No. 2, from 6410 to 6510 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
15-3/8"	27.3	8 Rd	Arneo	230	None	-	-	-	
9-5/8"	36.0	8 Rd	H-40	2810	Baker	-	-	-	
8-1/2"	17 & 15.5	8 Rd	J-55	6399	Baker	-	-	-	
2"	4.7	8 RD	J-55	6509	Baker	-	6491	6495	

MUDGING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WIRE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	293	250	Plug	-	
12-1/4	9-5/8	2824	1500	"	-	
7-3/8	5-1/2	6411	350	"	-	

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	3,000	8/15/46	6440-6535	

Results of shooting or chemical treatment Flowed 69 bbls. in 3 hrs. & 20 minutes on 1/2" choke.
Flowed 199 bbls. in 11 hrs. thru 18/64" 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 Surface feet to 6535 feet, and from - feet to - feet
 Cable tools were used from - feet to - feet, and from - feet to - feet

PRODUCTION

Put to producing 11 8/15 19 46
 The production of the first 24 hours was 199 barrels of fluid of which 100 % was oil; - % emulsion; - % water; and - % sediment. Gravity, Be 40
 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 26th

 Hobbs, New Mexico August 26, 1946
 Place Date

 day of August, 1946

 Name [Signature]

 Position District Superintendent

 Representing Cities Service Oil Company
 Company or Operator

 My Commission expires March 12, 1947

 Address Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	305	305	Sand & Red bed
305	1245	940	Red bed
1245	2338	1093	Salt & anhydrite
2338	3379	1041	Anhydrite & Gyp
2379	3711	332	Lime, Sand & Gyp
3711	6535	2824	Lime

Total Depth 6535'

TOPS

San Andres	3875'
San Angelo Dense	5095'
San Angelo Sandstone	5112'
Paddock Pay	5112 to 5250'
Clear Fork	5530'
Fallerton Sand	6060'
Top Drinkard	6410'
Top Drinkard Lime	6435'
Base Drinkard Lime	6510'

DRILL STEM TESTSDrill Stem Test #1: July 23, 1946:

Ran Drill Stem Test No. 1 from 5118' to 5180' 5/8" bottom choke and 3/4" top choke. Tool open 2 hrs., gas to surface in 25 minutes, steady blow for 1-1/2 hrs, 36,000 cu. ft./24 hrs. Recovered 480' fluid, 90' of oil & gas cut mud and 390' oil with 10% water.

Drill Stem Test #2: July 24, 1946:

Ran Drill Stem Test No. 2 from 5177' to 5215' (38'). Tool open 3 hrs, gas to surface in 28 minutes, initial rate of blow 7600 cu. ft. per day, gas flow died in 1 hr. & 15 minutes, back to surface in 1 hr. and 25 minutes and continued to flow at a rate of 6,000 cu. ft. per day for last 1 hr. and 35 minutes. Recovered 276' of fluid (90' of oil and gas cut mud and 186' of oil cut mud.

Drill Stem Test #3: August 10, 1946:

Ran Drill Stem Test No. 3, tested from 6410' to 6490' (80'). Tool open at 2:35 A.M., gas to surface in 6 minutes, mud in 16, oil in 19. Turned into tank and flowed for one hour, made 37.89 bbls. at a GOR of 1170. Gauges were as follows:
 1st 15 minutes: 8.3 bbls.
 2nd 15 minutes: 9.5 bbls.
 3rd 15 minutes: 8.5 bbls.
 4th 15 minutes: 11.1 bbls.
 IFP 740#, WFP 875#, MCP 3200#

Drill Stem Test #4: August 11, 1946:

Ran Drill Stem Test No. 4, tested from 6490' to 6530'. Tool open 2 hrs. Slight blow of air to surface and then nothing. Recovered 28' of mud. No flowing pressure or build up pressure.