

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

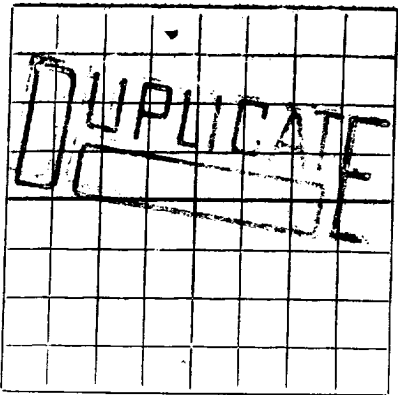
WELL RECORD

RECEIVED

JUL 10 1953

OIL CONSERVATION COMMISSION

Mail to District Office, Oil Conservation Commission, to which Form C-401 is attached, not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.



AREA 640 ACRES
LOCATE WELL CORRECTLY

Cities Service Oil Company

(Company or Operator)

State "AJ"

(Lease)

Well No. 1, in NE 1/4 of NW 1/4 of Sec. 12, T. 17S, R. 36E, NMPM.
Lovington Paddock

Pool, Lea County.

Well is 330 feet from North line and 2970 feet from East line of Section 12-17S-36E

If State Land the Oil and Gas Lease No. is Unknown

Drilling Commenced May 7, 1953 Drilling was Completed June 7, 1953

Name of Drilling Contractor Howard P. Holmes Drilling Company

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3833' DF
The information given is to be kept confidential until 1953

OIL SANDS OR ZONES

No. 1, from 6037 to 6230' 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	New	318.81'	Larkin	-	-	-
8 5/8"	24# & 32#	New	3356.39'	Weatherford	-	-	-
5 1/2"	15.5#	New	6082.15'	Howco	-	-	-

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	335'	350	Plug	-	-
11"	8 5/8"	3369'	2198	Plug	-	-
7 7/8"	5 1/2"	6094'	400	Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

This well was acidized with 500 gal. Western Special Low Tension Acid on 6-12-53; maximum acidizing tbq pressure 2400# at 1 bbl/min, broke to 2300# at 1.4 bbl/min. On 6-13-53 this well was acidized with 5000 gal Special Low Tension Western Acid, maximum acidizing pressure 2700# at 3.1 bbl/min, broke to 2550# at 3.2 bbl/min.

Result of Production Stimulation Started swabbing at 12:00 midnight; in 6 hours swabbed 19.6 bbls oil 27.2 bbls acid and bad water. After second stage acidizing-swabbed 48 bbls oil and 77 bbls water in 12 hours.

Depth Cleaned Out -

1 ORD 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..... 6230' feet, and from..... - feet to..... - feet.
Cable tools were used from..... - feet to..... - feet, and from..... - feet to..... - feet.

PRODUCTION

Potential Test

July 8

53

Pucos 220000

OIL WELL: The production during the first 24 hours was..... 132 barrels of liquid of which..... 70.4 % was
was oil;..... -0- % was emulsion;..... 29.6 % water; and..... -0- % was sediment. A.P.I.
Gravity..... 36.4

GAS WELL: The production during the first 24 hours was..... - M.C.F. plus..... - barrels of
liquid Hydrocarbon. Shut in Pressure..... - lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 4657' - 824'	T. Granite.....	T. Dakota.....
T. Glorieta..... 6037' - 2204'	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	130	130	Caliche & surface sand				
130	1440	1310	Red Bed				
1440	1731	291	Red Bed & anhydrite				
1731	1810	79	Anhydrite				
1810	2215	405	Red Bed & anhydrite				
2215	3126	911	Salt and anhydrite				
3126	3235	109	Anhydrite				
3235	3970	735	Anhydrite & lime				
3970	6230	2260	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Company or Operator..... Cities Service Oil Company
Name..... C. M. Hartwell

Address..... Box 97, Hobbs, New Mexico
Position or Title..... District Superintendent
(Date)..... July 9, 1953