

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

1954 MAY 23 PM 1:49

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent 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 Production Corporation

State "AD"

(Company or Operator)

(Lease)

Well No. 4, in SW SW 1/4 of SE 1/4, of Sec. 22, T. 10S, R. 32E, NMPM.

Mescalero-Pennsylvanian

Lea

Pool,

County.

Well is 2310' feet from East line and 4950' feet from North line

22-10S-32E

9943

of Section. If State Land the Oil and Gas Lease No. is

Drilling Commenced March 27, 1954 Drilling was Completed May 23, 1954

Name of Drilling Contractor Guy Mabes Drilling Company

Address Box 1827, Midland, Texas

Elevation above sea level at Top of Tubing Head 4345' DF The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 8267' to 8584' 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&Used	367.56'	Larkin	-	-	-
8 5/8"	24#, 28#&32#	New&Used	3422.55'	Baker	-	-	-
5 1/2"	15.5#&17#	New&Used	9378'	Baker	-	8340 to 8372; 8379 to 8344; 8504 to 8522; 105' with 420 jet shots	-

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"	386'	400	Plug	-	-
11"	8 5/8"	3439'	2150	Plug	-	-
7 7/8"	5 1/2"	9392'	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 5000 gallon regular 15% acid.

Result of Production Stimulation Swabbed well 1 3/4 hours. Well started flowing. Flowed 320 barrel of oil and 9 barrel water in 5 hours.

Depth Cleaned Out

R ORD OF DRILL-STEM AND SPECIAL TES'

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 9394' feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing May 26 19 54
Potential Test (6 hrs)
OIL WELL: The production during the ~~first 24 hours~~ was 252 barrels of liquid of which 98.02 % was oil; -0- % was emulsion; 1.98 % water; and -0- % was sediment. A.P.I. Gravity 46.2
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.....	3413	T. Granite.....	T. Dakota.....
T. Glorieta.....	4804	T.	T. Morrison.....
T. Devonian Clearfork.....	5381	T.	T. Penn.....
T. Miss Fullerton.....	6196	T.	T.
T. Abo.....	7020	T.	T.
T. Hueco.....	7990	T.	T.
T. Penn. (Saunders).....	8267	T.	T.
T. Miss.....		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	70	70	Caliche & Sand				
70	1050	980	Red Bed				
1050	1161	111	Red Bed & Shells				
1161	1552	391	Red Bed & Anhydrite				
1552	2696	1144	Anhydrite & Salt				
2696	2803	107	Anhydrite, salt & gyp				
2803	2968	165	Anhydrite & Salt				
2968	3373	405	Anhydrite & Gyp				
3373	3440	67	Anhydrite, gyp & lime				
3440	7035	3595	Lime				
7035	7548	513	Shale				
7548	7618	70	Lime & shale				
7618	8738	1120	Lime				
8738	8790	52	Lime & shale				
8790	8817	27	Lime				
8817	9031	214	Lime & shale				
9031	9057	26	Lime				
9057	9222	165	Lime & shale				
9222	9394	172	Lime Total Depth				

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 Production Corporation Address. Box 97, Hobbs, New Mexico
Name. R. W. Ely Position or Title. Asst. Division Superintendent
May 28, 1954 (Date)

DST No. 1

Run DST #1 - 8350-8400 (50'). Tool open 4 hrs, strong blow immed, gas in 10 min., levelled off at 102 MCF/day rate, cont. throughout test, no fluid to surface. S.I. for 30 min BU. Rec. 800' (11.3 bbls) free oil on top then 1444' (20.4 bbls) of heavily oil and gas cut mud, no free water. IFP 70#, FFP 650#, SIP 2390#, MCP 4275#. Oil Grav. 43.4, 1" TC, 1" BC.

DST No. 2

Run DST #2 - 8400-8450 (50'), Saunders Lime. Tool open 3 hrs, fair blow immed. cont. throughout test, gas in 1 hr 15 min, no fluid to surface. S.I. for 30 min BU. Rec. 170' (2.4 bbls) of oil and gas cut mud and 280' (4.0 bbls) of clean oil. No show free water. IFP 70#, FFP 145#, SIP 795#, MCP 4345#. Oil Grav. 45.4, 1" TC, 1" BC.

DST No. 3

Run DST #3 - 8610-8668 (58'). Tool open 2 hrs. S.I. for 30 min BU. Got fair blow immed diminished to no blow in 1 hr 45 min, no gas or fluid to surface. Rec. 402' (1.97 bbls) slightly gas cut drlg fluid, no show oil. IFP 0#, FFP 105#, SIP 105#, MCP 4415#, 1" TC, 1" BC.

DST No. 4

Run DST #4 - 9206-9318 (112') Penn. Lime, 1" TC, 1" BC. Tool open 4 1/2 hrs, gas to surface 24 min, sweet. Rec. 770' fluid, 270' heavy oil and gas cut mud. 500' free oil, no water. IFP 85#, FFP 220#, 30 min SIP 2820#, MCP 4785#. Oil Grav. 46.6.

DST No. 5

Run DST #5 - 9318-9378 (60') Penn. 1" TC, 1" BC. Tool open 1 1/2 hrs, weak blow air 20 min died. Rec. 60' drlg fluid, no shows. IFP 55#, FFP 85#, 30 min SI 85#, MCP 4785#.

