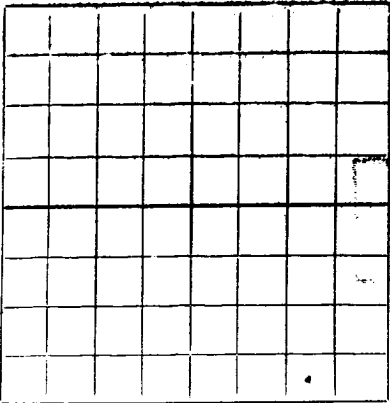




NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

SEP 17 1953

OIL CONSERVATION COMMISSION
DISTRICT OFFICE

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 QUINTUPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Cities Production Corporation

State "AD"

(Company or Operator) (Lease)
Well No. 3 SE SE 22 10S 32E
Mescalero-Pennsylvanian in 1/4 of 1/4, of Sec. T. R. NMPM.
Pool, Lea County.
Well is 990 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 6-19 53 Drilling was Completed 9-4 53
Name of Drilling Contractor Cactus Drilling Company
Address San Angelo, Texas
Elevation above sea level at Top of Tubing Head 4339 DF
The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 8330' to 8555' 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	377.09'	Baker	-	-	-
8 5/8"	28#&32#	New	3413.32'	Weatherford	-	-	-
5 1/2"	15.5#&17#	New	8319.13	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	394'	350	Plug	-	-
11"	8 5/8	3442'	2212	Plug	-	-
7 7/8"	5 1/2	8330	200	Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

On 9-13-53 acidized with 5000 gal reg. 15% acid. Max.inj. rate 3.8 bbls per min at 3100#—no break. Section acidized 8330' to 8555'.

Result of Production Stimulation Back flowed 10 bbl and died, swabbed 50 bbls to pit in 2 hours, well kicked off, flowed to pits for 1 hour to clean up, turn to tanks. In 11 hours flowed 156 bbls oil and 39 bbls water on 32/64" choke.

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 10,162' feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing 9-14 53
19
Potential Test
OIL WELL: The production during the ~~first~~ 11 hours was 195 barrels of liquid of which 80 % was oil; - % was emulsion; 20 % water; and - % was sediment. A.P.I. Gravity 46 deg.
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.....	<u>1550 / 2789</u>	T. Devonian.....	
T. Salt.....		F. Mississippian <u>Mississippian 10030 -5691</u>	T. Ojo Alamo.....
B. Salt.....		T. Montoya.....	T. Kirtland-Fruitland.....
T. Yates.....	<u>2195 / 2144</u>	T. Simpson.....	T. Farmington.....
T. 7 Rivers.....		T. McKee.....	T. Pictured Cliffs.....
T. Queen.....		T. Ellenburger.....	T. Menefee.....
T. Grayburg.....		T. Gr. Wash.....	T. Point Lookout.....
T. San Andres.....	<u>3393 / 946</u>	T. Granite.....	T. Mancos.....
T. Glorieta.....	<u>4785 - 446</u>	T.	T. Dakota.....
T. Clearfork <u>Clearfork</u>	<u>5358 -1019</u>	T.	T. Morrison.....
T. Fullerton <u>Fullerton</u>	<u>6180 -1841</u>	T.	T. Penn.....
T. Abo.....	<u>7019 -2680</u>	T.	
T. Hueco <u>Hueco</u>	<u>8015 -3676</u>	T.	
T. Saunders <u>Saunders</u>	<u>8315 -3976</u>	T.	
T. Mss		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	110	110	Caliche & Surface Sand	7543	7620	77	Shale & shells
110	395	285	Red Bed	7620	9177	1557	Lime
395	718	323	Red bed & shale	9177	9192	15	Lime & chert
718	1540	822	Red bed & shells	9192	9635	443	Lime
1540	1749	209	Red Bed & anhydrite	9635	9642	7	Lime & chert
1749	2682	933	Salt & anhydrite	9642	9741	99	Lime
2682	3350	668	Anhydrite	9741	9775	34	Lime & shale
3350	3444	94	Anhydrite & lime	9775	9784	9	Lime
3444	3500	56	Lime	9784	9787	3	Lime & chert
3500	3615	115	Dolomite	9787	9954	167	Lime
3615	3776	161	Lime	9954	9973	19	Dolomite, shale & lime
3776	3839	63	Dolomite	9973	10000	27	Shale & lime
3839	4013	174	Lime	10000	10044	44	Lime
4013	4075	62	Dolomite	10044	10067	23	Lime, Dolomite & chert
4075	4810	735	Lime	10067	10085	18	Lime, shale & chert
4810	5635	825	Dolomite & gyp	10085	10103	18	Lime & shale
5635	5717	82	Salt	10103	10162	59	Lime, shale & dolomite
5717	5790	73	Dolomite & gyp	PR TD 8555'			
5790	5897	107	Dolomite, gyp & salt				
5897	6789	892	Dolomite & gyp				
6789	6905	116	Lime & dolomite				
6905	7023	118	Lime				
7023	7160	137	Shale				
7160	7218	58	Shale & gyp				
7218	7543	325	Shale				

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
C. M. Hartwell
Name.....

September 15, 1953
(Date)
Address Box 97, Hobbs, New Mexico
Position or Title District Superintendent