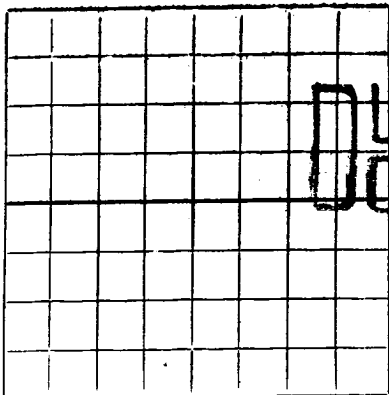




NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

JAN 29 1954

WELL RECORD

OIL CONSERVATION COMMISSION

HOBBS OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-104 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 "AE"

(Company or Operator)

(Lease)

Well No. **4**, in **NW** 1/4 of **SW** 1/4, of Sec. **36**, T. **16-S**, R. **36-E**, NMPM.
Lovington Paddock Pool, **Lea** County.

Well is **4390** feet from **East** line and **3630** feet from **North** line

of Section **36-16S-36E**. If State Land the Oil and Gas Lease No. is **E-7766**

Drilling Commenced **December 16**, 19 **53** Drilling was Completed **January 13**, 19 **54**

Name of Drilling Contractor **J. C. Crain Drilling Company**

Address **Box 176, Eunice, New Mexico**

Elevation above sea level at Top of Tubing Head **3845 DF** The information given is to be kept confidential until
_____, 19____.

OIL SANDS OR ZONES

No. 1, from **6080'** to **6204'** 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"	54.5#	New	320.51'	Larkin	-	-	-
8 5/8"	28#&32#	New&Used	3301.96'	Baker	-	-	-
5 1/2"	14#&15.5#	New&Used	6068.30'	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 1/4"	13 3/8"	340'	350	Plug	-	-
11"	8 5/8"	3316'	2300	Plug	-	-
7 7/8"	5 1/2"	6080'	400	Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

On 1-17-54 State "AE" #4 was acidized with 8000 gal. no-emulsion acid.

Result of Production Stimulation **In 8 hrs swabbed 113.78 bbls fluid, kicked off and flowed, in next three hours 44.81 bbls of fluid and then died.**

Depth Cleaned Out _____

RD OF DRILL-STEM AND SPECIAL TEST

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 6204 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Potential Test Put to 1-28, 19 54
OIL WELL: The production during the 24 hours was 111.15 barrels of liquid of which 99.2 % was oil; 0.8 % was emulsion; 0.8 % water; and - % was sediment. A.P.I. Gravity 35.7
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.	2065 / 1780'		T. Devonian.		T. Ojo Alamo.
T. Salt.			T. Silurian.		T. Kirtland-Fruitland.
B. Salt.			T. Montoya.		T. Farmington.
T. Yates.	3044 / 801'		T. Simpson.		T. Pictured Cliffs.
T. 7 Rivers.	3319 / 526'		T. McKee.		T. Menefee.
T. Queen.			T. Ellenburger.		T. Point Lookout.
T. Grayburg.			T. Gr. Wash.		T. Mancos.
T. San Andres.	4632 - 787'		T. Granite.		T. Dakota.
T. Glorieta.	5995 - 2150'		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	42	42	Surface Rock	6046	6075	29	Lime, shale & anhydrite
42	190	148	Sand & Red bed	6075	6113	38	Lime
190	220	30	Sand, shells & Red bed	6113	6174	61	Lime & Sand
220	343	123	Red Bed	6174	6204	30	Dolomite, anhydrite & shale
343	720	377	Red Bed & shells				
720	1525	805	Red Bed				
1525	1712	187	Red Bed & anhydrite				
1712	1993	281	Red Bed & shells				
1993	2150	157	Anhydrite				
2150	2189	39	Salt & shells				
2189	2359	170	Salt & anhydrite				
2359	2761	402	Salt				
2761	3146	385	Anhydrite & salt				
3146	3215	69	Anhydrite & gyp				
3215	3260	45	Anhydrite				
3260	3320	60	Anhydrite & lime				
3320	5350	2030	Lime				
5350	5467	117	Lime & sand				
5467	5541	74	Lime				
5541	5574	33	Lime & sand				
5574	5760	186	Lime				
5760	5822	62	Lime & sand				
5822	5912	90	Lime				
5912	5951	39	Lime & sand				
5951	6046	95	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.

January 29, 1954
Company or Operator: Cities Service Oil Company Address: Box 97, Hobbs, New Mexico
Name: Charles M. Hubbard Position or Title: District Superintendent