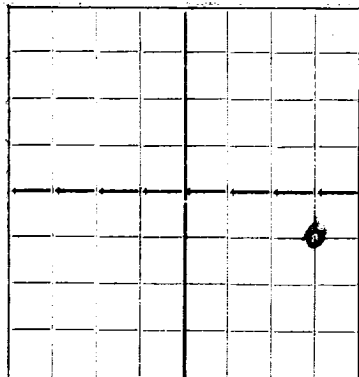


DUPLICATE
FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
MAR 3 1947
HOBBS OFFICE



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, Drawer G,

Hobbs, New Mexico

Company or Operator **Owen** Well No. **5** in **NE SE** of Sec. **35**, T. **21S**
Lease **37E** N. M. P. M., **Paddock** Field, **Lea** County.
Well is **1980** feet south of the North line and **660** feet west of the East line of **Sec. 35-T21S-37E**
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is **Mark Owen** Address **Eunice, New Mexico**
If Government land the permittee is _____ Address _____
The Lessee is **Cities Service Oil Company** Address **Bartlesville, Oklahoma**
Drilling commenced **January 26,** 19 **47** Drilling was completed **February 23,** 19 **47**
Name of drilling contractor **Two States Drilling Co.** Address **Dallas, Texas**
Elevation above sea level at top of casing **3373** feet.
The information given is to be kept confidential until _____ 19 ____

OIL SANDS OR ZONES

No. 1, from **5150'** to **5245'** 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
13 3/8"	36#		SW	280.4'	None				
8 5/8"	32#	8VT	SS	2793'	Baker				
5 1/2"	14#	8RT	H-40EW	5144'	Baker Triplex				
2"EUE	4.7#	8RT	SS	5243'	(includes subs)				

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"	294.4'	300	Plug	-	-
11 1/4"	8 5/8"	2803'	500	Plug	-	-
7 3/8"	5 1/2"	5155'	250	Plug	-	-

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
		Western	3000	2-22-47	5150 to TD	
		Regular	Gal			
		Acid				

Results of shooting or chemical treatment **8 barrel per hour through 12/54" choke on 2" tubing following acidizing and swabbing.**

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 **0** feet to **5245'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **February 24, 1947**, 19 ____
The production of the first 24 hours was **73.31** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be **34**
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 **28th**

Hobbs, New Mexico, February 28, 1947

day of **February**, 19 **47**

Place _____ Date _____
Name **L. L. Street**

Position **District Superintendent**

Representing **Cities Service Oil Company**

Company or Operator

Address **Drawer G, Hobbs, New Mexico**

My Commission expires **March 12, 1947**

Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	45	45	Surface and Caliche
45	213	168	Caliche and Red Rock
213	1197	984	Red Bed and Red Rock
1197	1265	68	Red Rock and Anhydrite
1265	2435	1170	Anhydrite and Salt
2435	2508	73	Anhydrite
2508	2651	143	Anhydrite and Gypsum
2651	2707	56	Anhydrite and Lime
2707	3564	857	Anhydrite
3564	3732	168	Anhydrite and Lime
3732	3833	101	Lime
3833	4040	207	Sandy Lime
4040	4146	106	Lime
4146	4903	757	Sandy Lime
4903	4940	37	Lime
4940	4968	28	Lime and Sand
4968	5245	277	Lime

Total Depth: 5245'

Formation Tops:

Anhydrite	1200'
Yates	2560'
San Andres	3910'
San Andres Dense	5103'
San Angelo	5130'
Oil or Gas Pay	5150'

DST #1: 5150' to 5245'. Gas to surface in 2 minutes, mud in 13 minutes, oil in 15 minutes and turned to tanks in 18 minutes. Made 7.61 barrel first 15 minutes, 5.54 barrel second 15 minutes, 5.13 barrel third 15 minutes and 5.54 barrel fourth 15 minutes. Flowed total of 23.82 barrel in one hour. GOR 612. IFP 675#, FFP 640#, BUP failed, MCF 2490#.

Ran Schlumberger and logged to total depth