

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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 QUINTUPLICATE.

Cities Service Production Co. State **BC**
(Company or Operator) (Lease)

Well No. **1**, in **SW** $\frac{1}{4}$ of **SE** $\frac{1}{4}$ of Sec. **8**, T. **18-S**, R. **34-E**, NMPM.
Undesignated Pool, **Lea** County.

Well is **1980** feet from **East** line and **660** feet from **South** line
of Section **8-18-34**. If State Land the Oil and Gas Lease No. is **E 7990**.

Drilling Commenced **January 28**, 19 **57**. Drilling was Completed **February 13**, 19 **57**.

Name of Drilling Contractor **Howard P. Holmes**

Address **Box 667, Hobbs, New Mexico**

Elevation above sea level at Top of Tubing Head **4069 (DP)**. The information given is to be kept confidential until
19 **57**.

OIL SANDS OR ZONES

No. 1, from **4424** to **4450** 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
8 5/8"	22.7	New	360	Armo	-	-	Surface
5 1/2"	14	New	4444.75	Baker	-	4424 - 4450	Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	8 5/8"	373.63	250	Plug	-	-
7 7/8"	5 1/2"	4455	300	Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

(1) **Acidized w/500 gallons**

(2) **Sand fraced w/15000 gals. lss. crude w/0.1# Adomite per gallon and 15000 pounds of sand.**

Result of Production Stimulation (1) **Swabbed dry.**

(2) **Swabbed 108.06 barrels load in 8 hrs. Then flowed 379.46**

bbls. load in 18 hrs. Flowed balance of load. Put on potential Depth Cleaned Out **test. (See Over)**

RECORD OF DRILLING 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 4456 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing February 21, 19 57.
Potential test
OIL WELL: The production during the first 24 hours was 278.75 barrels of liquid of which 99.8 % was oil; 0.2 % was emulsion; -0- % water; and -0- % was sediment. A.P.I. Gravity 37.3 @ 60°
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 3210 (4859)(Sample)	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 3678 (4391)(Electric log)	McKee	T. Menefee
T. Queen 4413 (-344)(Electric log)	Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	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	164	164	Surface soil, sand, caliche				
164	1668	1504	Red bed				
1668	3065	1397	Anhydrite, gyp				
3065	3705	640	Anhydrite, gyp				
3705	4137	432	Anhydrite, gyp, lime				
4137	4163	26	Anhydrite, lime				
4163	4345	182	Anhydrite, gyp, lime				
4345	4406	61	Anhydrite, lime				
4406	4413	7	Lime				
4413	4456	43	Sand				

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 Production
Name Geo. M. Geyer
Address Box 97, Hobbs, New Mexico
Position or Title District Superintendent
2-22-57 (Date)