

TRIPPLICATE

FORM C-105

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

16 1952

## WELL RECORD

CONSERVATION COMMISSION  
HOBBS-OFFICE


AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

**Phillips Chemical Company** Chem State

Well No. **1** Company or Operator **NE/4NE/4** Lease **15 8**

R. **32 E**, N. M. P. M., **Unnamed** Field, **Lea** County.

Well is **785** feet south of the North line and **660** feet west of the East line of **Sec 4**

If State land the oil and gas lease is No. **B-9642** Assignment No. \_\_\_\_\_

If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_

If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_

The Lessee is **Phillips Chemical Company** Address **Bartleville, Okla.**

Drilling commenced **12-18** 19 **52** Drilling was completed **4-12** 19 **52**

Name of drilling contractor **Parker Drilling Company** Address **Oklahoma City, Okla.**

Elevation above sea level at top of casing **4318** feet.

The information given is to be kept confidential until **not confidential** 19 \_\_\_\_\_

### OIL SANDS OR ZONES

No. 1, from **9704** to **9794** 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 **NR** 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
<b>13 3/8</b>	<b>27.3 #</b>	<b>Skip Jt.</b>	<b>Armco</b>	<b>361</b>	<b>None</b>			<b>Surface</b>
<b>8 5/8" 28# &amp; 32#</b>		<b>8 rd</b>	<b>Sals</b>	<b>4093</b>	<b>Hawco</b>			<b>Salt String</b>
<b>5 1/2" 15# &amp; 17#</b>		<b>8 rd</b>	<b>Sals</b>	<b>9893</b>	<b>Baker</b>			<b>Oil String</b>

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17 1/2"</b>	<b>13 3/8"</b>	<b>373</b>	<b>350</b>	<b>Halliburton</b>		
<b>11"</b>	<b>8 5/8"</b>	<b>4103</b>	<b>1600</b>	<b>Halliburton</b>		
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>9903</b>	<b>1000</b>	<b>Halliburton</b>		

### 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
		<b>Western Co.</b>	<b>500 Gals.</b>	<b>5-23-52</b>	<b>9778-9774</b>	
		<b>Western Co.</b>	<b>250 Gals.</b>	<b>6-3-52</b>		

Results of shooting or chemical treatment **Pumped 24 hours, 36 bbls. oil, 93 bbls., Wtr.**

### 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 **10,000** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

#### PRODUCTION

Put to producing **7-10** 19 **52**

The production of the first 24 hours was **129** barrels of fluid of which **27.8** % was oil; \_\_\_\_\_ % emulsion; **72.2** % water; and \_\_\_\_\_ % sediment. Gravity, Be. **40**

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.

**Hobbs, New Mexico** **7-10-52**  
Place Date

Name **W. H. Hobbs**

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	373		Caliche & Red Bed
373	1120		Red Bed
1120	1515		Red Bed & Anhydrite
1515	1740		Anhydrite
1740	2380		Anhydrite & Salt
2380	3595		Anhydrite & Gyp.
3595	3650		Anhydrite
3650	4040		Anhydrite & Gyp.
4040	3541		Lime
5541	8833		Lime & Shale
8833	8917		Lime & Chert
8917	9128		Lime
9128	9358		Lime & Shale
9358	9603		Lime, Shale, & Chert
9603	9794		Lime & Shale
9794	10,000		Lime

### DRILL STEM TEST

- No. 1. 8726-8788 Abo formation. Tool open 1 hour, no air. Recovered 30' slightly gas cut mud. Flow pressure zero. 15 minute shut in BHP zero. Hydrastatic pressure 4000#.
- No. 2. 8888-8917 Wolfcamp formation. Tool open 1 hour, very slight blow of air immediately, died in 30 seconds. Recovered 30' very slightly gas cut mud. Flow pressure zero. 15 minute shut in BHP zero. Hydrastatic 3950#.
- No. 3. 8915-8966 Wolfcamp formation. Tool open 1 hour, good to weak blow 30 minutes and died. Recovered 160' slightly gas cut mud. Flow pressure zero. 15 minute shut in BHP zero. Hydrastatic 4200#.
- No. 4. 8966-9004 Wolfcamp formation. Tool open 1 hour, air immediately, good to weak blow 40 minutes and died. Recovered 120' slightly gas cut mud. Flow pressure zero. 15 minutes shut in BHP 425#. Hydrastatic 4200#.
- No. 5. 8994-9060 Wolfcamp formation. Tool open 40 minutes, air immediately, weak blow 7 minutes and died. Recovered 30' very slightly gas cut mud. Flow pressure zero. 15 minutes shut in BHP zero. Hydrastatic 4225#.
- No. 6. 9122-9182 Wolfcamp formation. Tool open 1 hour, weak blow of air 30 minutes and died. Recovered 60' very slightly gas cut mud. Flow pressure zero. 15 minutes shut in BHP zero. Hydrastatic pressure 4300#.
- No. 7. 9590-9624 Wolfcamp formation. Tool open 1 hour, air immediately, good to weak blow for 47 minutes and died. Recovered 250' slightly gas cut mud. Flow pressure zero. 15 minutes shut in BHP zero. Hydrastatic 4675#.
- No. 8. 9720-9794 Wolfcamp formation. Tool open 3 hours, air immediately, strong to weak blow for 3 hours and died. Recovered 276' highly gas cut mud, 920' highly oil and gas cut mud. 186' of 42.8 gravity oil. No pressures.
- No. 9. 9711-9794 Wolfcamp formation. Tool open 3 hours, air immediately, strong to weak blow for 3 hours. Recovered 120' gas cut mud. 3800' of 41.7 gravity oil, 3600' salt water. Flow pressure 900-3000#. 15 minutes shut in BHP 3030. Hydrastatic 4650#.
- No. 10. 9893-9923 Wolfcamp formation. Tool open 3 hours, strong blow of air immediately, gas to surface in 70 minutes. Good blow of gas remainder of test. Recovered 1500' very heavy oil and gas cut mud, 800' free oil, 90' salt wtr. Flow pressure 950#. 15 minutes shut in BHP 2125#. Hydrastatic 4775#.
- No. 11. 9958-10000 Wolfcamp formation. Tool open 1 hour, weak blow of air 4 minutes and died. Recovered water blanket. Flow pressure zero. 15 minutes shut in BHP 2250#. Hydrastatic 4750#.

## Section 1

The first part of the document discusses the importance of maintaining accurate records of all transactions and activities.

It is essential to ensure that all data is entered correctly and that the system is updated regularly.

The second part of the document outlines the procedures for handling data and ensuring its integrity.

It is important to establish clear guidelines for data entry and to monitor the system for any errors.

The third part of the document describes the methods for analyzing the data and generating reports.

It is necessary to use appropriate statistical techniques and to interpret the results carefully.

The fourth part of the document discusses the challenges of data management and the need for ongoing training.

It is crucial to keep staff informed of the latest developments and to provide them with the necessary resources.

The fifth part of the document concludes with a summary of the key points and a call to action.

It is hoped that this document will provide a useful guide for anyone involved in data management.

The final part of the document contains a list of references and a glossary of terms.

It is important to consult these resources for further information and to ensure that all terminology is understood.