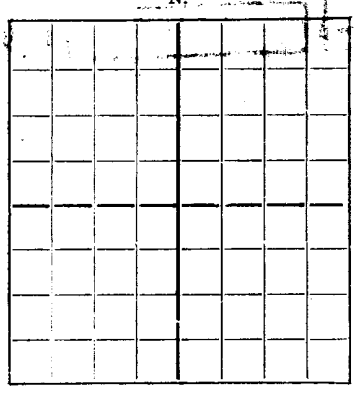
FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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.



AREA 640 ACRES
LOCATE WELL CORRECTLY

Phillips Chemical Company (Company or Operator) Chem State (Lease)

Well No. 1 in NE/4 NE/4 of Sec. 4, T. 15 S

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 Assignement 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	PERFORATED TO	PURPOSE
13 3/8	27.3 #	Skip Jt.	Armco	361	None				Surface
8 5/8"	28# & 32#	8 rd	Smls	4093	Hawco				Salt String
5 1/2"	15½ & 17#	8 rd	Smls	9893	Baker				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17½"	13 3/8"	373	350	Halliburton		
11"	8 5/8"	4103	1600	Halliburton		
7 7/8"	5½"	9903	1000	Halliburton		

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 Co.	500 Gals.	5-23-52	9778-9774	
		Western Co.	250 Gals.	6-3-52		

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 (Place) 7-10-52 (Date)

Name [signature]

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. 8945-8966 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#.