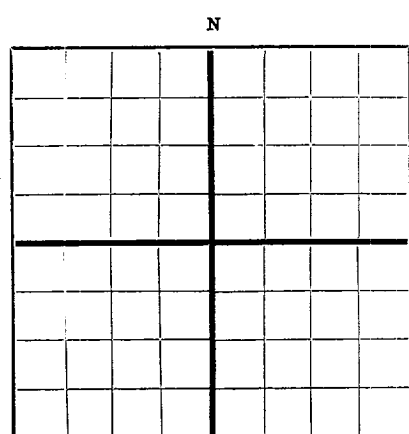


DUPLICATE

RECEIVED
AUG 31 1948
HOBBS OFFICE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Phillips Petroleum Company Box 1605 Hobbs, New Mexico
Company or Operator Address
Lea Well No. 3 in NE/4 of Sec. 31, T. 17-S
Lease
R. 34-E, N. M. P. M. West Vacuum Field, Lea County.
Well is 660 feet south of the North line and 660 feet East West of the East line of NW/4 NE/4 Sec. 31.
If State land the oil and gas lease is No. B-4118 Assignment No. ---
If patented land the owner is. --- Address. ---
If Government land the permittee is. --- Address. ---
The Lessee is. **Phillips Petroleum Company** Address. **Bartlesville, Oklahoma**
Drilling commenced. 5-12 19 48 Drilling was completed. 7-6 19 48
Name of drilling contractor. **McDaniel & Beecherl** Address. **Dallas, Texas**
Elevation above sea level at top of casing. 4085 feet. Ground
The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 4500 to 4730 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 None 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		PURPOSE
							FROM	TO	
8-5/8"	24#	8 V	Smls	1519.17'	None				Surface
5-1/2"	15.5#	8 rd	Smls	4485'	Howco				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	1515.35'	800	Halliburton		
7-7/8"	5-1/2"	4495'	1000	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material. Length. Depth Set.
Adapters — Material. Size.

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
	*	Western	3000	7-22-48	4630-4730	
	**	Western	3000	7-24-48	4500-4630	
	***	Western	5000	7-29-48	4630-4730	

Results of shooting or chemical treatment. *Swabbed 24 hours 57 bbls oil, 15 bbls water. **Swabbed 48 bbls oil, 8 bbls water. ***Swabbed 19 hours, 63 bbls oil, 63 bbls water.

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 4500 feet, and from feet to feet
Cable tools were used from 4500 feet to 4730 feet, and from feet to feet

PRODUCTION

Put to producing. 8-30-48, 19.
The production of the first 24 hours was 103 barrels of fluid of which 66 % was oil; % emulsion; 34 % water; and % sediment. Gravity, Be. 37.5
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 31

day of August, 1948

Notary Public

Hobbs, New Mexico 8-31-48
Place Date

Name

Position District Chief Clerk

Representing Phillips Petroleum
Company or Operator

Address Box 1605 Hobbs, New Mexico

My Commission expires November 26, 1950

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	66'	66'	Caliche
66'	396'	330'	Shale
396'	620'	224'	Shale & Red Bed
620'	1039'	419'	Red Bed
1039'	1090'	51'	Red Bed & Shale
1090'	1207'	117'	Red Bed
1207'	1268'	61'	Sand & Anhydrite
1268'	1385'	117'	Anhydrite & Shale
1385'	1481'	96'	Sand
1481'	1500'	19'	Shale & Anhydrite
1500'	1585'	20'	Anhydrite & Lime
1585'	1776'	191'	Anhydrite & Potash
1776'	2013'	137'	Salt & Shale
2013'	2280'	267'	Anhydrite & Potash
2280'	2509'	229'	Anhydrite, Lime & Salt
2509'	2879'	370'	Anhydrite & Lime
2879'	2953'	74'	Anhydrite & Lime
2953'	3088'	135'	Lime
3088'	3194'	106'	Anhydrite , Lime & Gyp
3194'	3284'	90'	Lime
3284'	3381'	97'	Anhydrite, Lime & Gyp
3381'	3525'	144'	Lime
3525'	3570'	45'	Gyp, Anhydrite & Lime
3570'	4730'	1160'	Lime