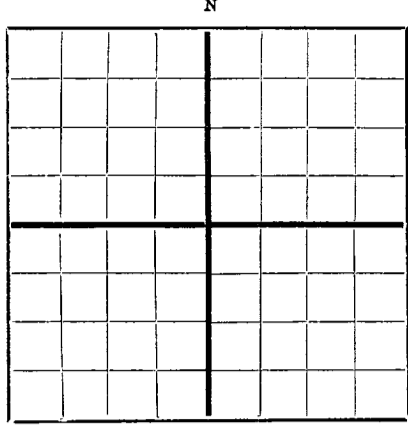


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



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 TRIPPLICATE. 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
Santa Fe Well No. 51 in SW/4 NW/4 of Sec. 28, T. 17-S
Lease
R. 35-E, N. M. P. M. Vacuum Field, Lea County
Well is 663 feet North South of the East West line and 661.6 feet East West of the NW/4
If State land the oil and gas lease is No. B-2498 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 6-6 19 48 Drilling was completed 9-19 19 48
Name of drilling contractor Trinity Drilling Co. Address
Elevation above sea level at top of casing 3958.76' feet. Ground
The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 4410 to 4641 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	Sals	1600'	Howco				Surface String
5-1/2"	14#	8 rd	Sals	4400'	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"	1610.45'	800	Halliburton		
7-7/8"	5-1/2"	4410.17'	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
	*	Halliburton	1000 gals	9-24-48	4410-4641	
	**	Halliburton	2500 gals	9-28-48	4410-4641	
	***	Halliburton	5000 gals	10-1-48	4410-4641	

Results of shooting or chemical treatment *Swabbed 8 hours, 30 bbls oil, flowed 30 minutes, 6 bbls oil & died. **Swabbed 3 hours, 12 bbls oil, no water. ***Swabbed 6-1/2 hours, 44 bbls oil, no water. Flowed 22 hours, 1/4" choke, 98 bbls oil, no 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 4410 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 10-5 19 48
The production of the first 24 hours was 107 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be. 35.3
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Allen Driller Haarmeyer Driller
Sterling 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 6 Hobbs, New Mexico 10-6-48
day of October, 19 48 Name M. H. ...
Notary Public Position District Chief Clerk
Representing Phillips Petroleum Company
My Commission expires November 23 1949 Address Box 1605 Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	255'	255'	Sand
255'	640'	385'	Sand & red rock
640'	1555'	915'	Red bed & Red rock
1555'	1595'	40	Red bed & anhydrite
1595'	1735'	140'	Anhydrite
1735'	1747'	12	Salt & Anhydrite
1747'	2734'	987'	Salt & streaks of anhydrite
2734'	2977'	243'	Anhydrite & salt streaks
2977'	3074'	97'	Anhydrite
3074'	3810'	736'	Anhydrite & Gyp
3810'	4195'	385'	Anhydrite & Lime
4195'	4641'	446'	Lime