

N

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED  
SEP 25 1947  
HOBBS OFFICE


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 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  
Sims Well No. 2 in SW/4 NW/4 of Sec. 24, T. 22-S  
Lease  
R. 37-E, N. M. P. M., Drinkard Field, Les County.  
Well is 3300 feet North of the South line and 661 feet East of the West line of SW/4 NW/4 Sec. 24  
If State land the oil and gas lease is No. 33440 Assignment No.  
If patented land the owner is Mr. Lula Stephens, Address.  
If Government land the permittee is, Address.  
The Lessee is Phillips Petroleum Company, Address Bartlesville, Oklahoma  
Drilling commenced 6-18 1947 Drilling was completed 8-22-1947  
Name of drilling contractor Ashby Drilling Company, Address.  
Elevation above sea level at top of casing 3322 feet.  
The information given is to be kept confidential until Not confidential 19.

## OIL SANDS OR ZONES

No. 1, from 5030 to 5055 No. 4, from to  
No. 2, from 6375 to 6395 No. 5, from to  
No. 3, from 6730 to 6858 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	
13-3/8"	27.3#	Slip Jt.	Arco	320	None				
8-5/8"	28#	8 rd	Sals	3457.63	Baker				
5-1/2"	14# & 17#	8 rd	Sals	6997.03	Baker				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	336'	285	HOWCO		
11"	8-5/8"	3468.63'	2500	HOWCO		
7-7/8"	5-1/2"	6993'	1000	HOWCO		

## 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 15%	1000	8-31-47	6993-7170'	
	**	Western 15%	4000	9-3-47	6993-7170'	
	***	Western 15%	500	9-10-47	6400-6420'	
	****	Western 15%	500	9-17-47	6375-6395'	

Results of shooting or chemical treatment \* Recovered flush oil, produced 20.3 bbls oil 11 hrs.  
\*\* Recovered flush oil, swabbed 24 hrs, 1 bbl per hr. averaging 16% acid water.  
\*\*\* Flowed 5 hrs 3/4" choke 24.8 bbls oil 23.8 bbls water and died. \*\*\*\* Well flowed 13 hrs. in tank 106.59 bbls oil.

## 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 7305 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing 9-19, 1947.  
The production of the first 24 hours was 103.96 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 1/10 of 1% sediment. Gravity, Be. 39.4  
If gas well, cu. ft. per 24 hours. Gallons gasoline per 1,000 cu. ft. of gas.  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

J.L. Martin, Driller H.C. Welch, Driller  
B.W. Jackson, 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 22

day of Sept., 1947

Notary Public

My Commission expires 11-26-1953

Hobbs, New Mexico

9-22-47

Name Millerston

Position Chief Clerk

Representing Phillips Petroleum Co.

Company or Operator

Address Box 1605 Hobbs, New Mexico

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	350	350	Sand, clay & red bed
350'	1075'	725'	Red bed
1075'	1185'	110'	Anhydrite and red bed
1185'	2381'	1196'	Salt and anhydrite
2381'	2577'	196'	Anhydrite and Gyp
2577'	2682'	105'	Anhydrite
2682'	2903'	221'	Anhydrite and Gyp
2903'	2949'	46'	Anhydrite
2949'	3380'	431'	Anhydrite and Gyp
3380'	3410'	30'	Anhydrite
3410'	3495'	85'	Anhydrite and lime
3495'	7195'	3700'	Lime
7195'	7299'	104'	Lime and shale
7299'	7305'	6'	Chert and Granite