

Santa Fe, New Mexico

RECORDED  
OCT 29 1941  
15951  
HOBBS CO.


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 Petroleum Company, Bartlesville, Oklahoma.  
Company or Operator Address

Santa Fe Well No. 45 in NW/4 of Sec. 5, T. 18-S

R. 35-E, N. M. P. M. Vacuum Field, Lea County.

Well is 990 feet ~~East~~ North of the ~~East~~ South line and 990 feet west of the East line of NW/4, Sec 5

If State land the oil and gas lease is No. B-1502 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 July 22 19 41 Drilling was completed August 21, 19 41

Name of drilling contractor Phillips Petroleum Co., Address Bartlesville, Oklahoma.

Elevation above sea level at top of casing 3959'4" feet. (Ground)

The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 4129'6" to 4561 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 logged - drilled with rotary 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"OD	32	10 V	L.W.	1575'6"	Halliburton				Surface String
				(Overall Tally)					
5 1/2"OD	14	8 rd	SS	4145'5"	Halliburton				Oil String
				(Overall Tally)					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 5/8"	1572'2"		650	Halliburton		
5 1/2"	4129'6"		300	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
		*Dowell XXWF6	1500 Gals	8-24-41	4220-4620	
		**Dowell XXWF6	1000 "	9-2-41	4220-4561	
		***Dowell XXWF6	2000 "	9-3-41	4220-4561	
3"x4"	Tin	****KL357 SNG	410 Qts	9-9-41	4340-4541	4561.

Results of shooting or chemical treatment: \*-Flowed 63 bbls oil, no water, 5 hours.  
\*\*-Swabbed 16 bbls oil, no water, 7 hours.  
\*\*\*-Swabbed 9 1/2 bbls oil, no water, 14 hours.  
\*\*\*\*-Pumped 29 bbls oil, no water, 6 hours on Kobe pump.

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 4620/plugged back to 4561 feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing August 24, 19 41  
The production of the first 5 hours was 63 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 38.3  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

EMPLOYEES

G. A. Muncy, Driller S. E. Aldridge, Driller  
S. H. Sherrill, 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 24 day of October 19 41 at Odessa, Texas October 24, 1941  
Name: [Signature]  
Position: District Chief Clerk  
Representing: Phillips Petroleum Co.  
My Commission expires: 6-1-43 Address: Box 6666, Odessa, Texas.

**FORMATION RECORD**

FROM	TO	THICKNESS IN FEET	FORMATION
0	534	534	Red bed
534	1510	976	Red bed & lime shells
1510	1587	77	Anhydrite
1587	1710	123	Anhydrite, sand & salt.
1710	1908	198	Salt & anhydrite
1908	2081	173	Sand & salt
2081	2530	449	Salt & anhydrite
2530	2622	92	Gyp, Anhydrite & salt
2622	2862	240	Salt & anhydrite
2862	3123	261	Gyp & anhydrite
3123	3173	50	Gyp
3173	3188	15	Gyp & anhydrite
3188	3204	16	Yates sand
3204	3312	108	Gyp
3312	3387	75	Gyp & anhydrite
3387	3461	74	Gyp
3461	3520	59	Gyp & anhydrite
3520	3558	38	Lime
3558	3610	52	Gyp
3610	3633	23	Gyp & anhydrite
3633	3673	40	Gyp
3673	3792	119	Gyp & anhydrite
3792	3884	92	Lime & gyp
3884	3979	95	Lime
3979	4007	28	Gyp, anhydrite & lime shells.
4007	4020	13	Lime
4020	4055	35	Lime & anhydrite
4055	4074	19	Lime
4074	4122	48	Lime & anhydrite
4122	4620	498	Lime.
	4620		Total Depth.
			Set Halliburton open hole cement packer 4562 and plugged back with cement PRESENT TOTAL DEPTH.
4620	4561		