

TRIPPLICATE

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 TRIPPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Phillips Petroleum Company  
Company or Operator  
Well No. 1 in SW/4, NE/4 of Sec. 20, T. 14S  
R. 32E, N. M. P. M., Wildcat Field, Lea County.  
Well is 660 feet North of the South line and 661 feet East of the East line of NE/4, Sec. 20  
If State land the oil and gas lease is No. State B 9294 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 9-3-51 19 Drilling was completed 11-20-51 19  
Name of drilling contractor SEMI Drilling Co. Address Tulsa, Oklahoma  
Elevation above sea level at top of casing 4345 feet.  
The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 9542 to 9576 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 112 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 TO	PURPOSE
13-3/8"	27.34	Slip Jt.	Sals	420	None			Surface
8-5/8"	324	Std	Sals	3933	Howe			Salt String
5-1/2"	174	Std	Sals	9900	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
17-1/4"	13-3/8"	435	400	Halliburton		
11-1/4"	8-5/8"	3943	2188	Halliburton		
7-7/8"	5-1/2"	9922	400	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 gal.	1-30-52	9564' - 9576'	
		Western Co.	1500 gal.	2-5-52	9542' - 9576'	

Results of shooting or chemical treatment Flowed 4 hrs, 1/2" Choke, 30 bbls. Oil, 10 bbls. Acid 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 10,294 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to producing 2-15-52 19  
The production of the first 24 hours was 178 barrels of fluid of which 99.8 % was oil; % emulsion; % water; and .2 % sediment. Gravity, Be 40.5  
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 19 day of Feb. 1952  
Notary Public  
My Commission expires  
Hobbs, New Mexico 2-18-52  
Name M. G. Craton  
Position Dist. Chief Clerk  
Representing Phillips Petroleum Company  
Address Box 2105, Hobbs, New Mexico

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	438	438	Surface & Red Bed
438	788	350	Red Bed
788	1420	632	Red Bed & Shells
1420	1646	226	Anhydrite, Gyp & Salt
1646	2260	614	Salt & Anhydrite
2260	2450	190	Anhydrite, Gyp & Salt
2450	2678	228	Anhydrite & Gyp
2678	2785	107	Anhydrite, Gyp & Salt
2785	3267	482	Anhydrite & Gyp
3267	3373	106	Anhydrite, Gyp & Shale
3373	3515	142	Anhydrite & Shale
3515	3587	72	Anhydrite, Gyp & Shale
3587	3771	184	Anhydrite & Shale
3771	3840	69	Anhydrite, Gyp & Shale
3840	4190	350	Dolomite
4190	4270	80	Lime
4270	4457	187	Dolomite
4457	4526	69	Dolomite & Lime
4526	4626	100	Lime
4626	4654	28	Dolomite
4654	4830	176	Lime
4830	5003	173	Dolomite
5003	5090	87	Lime
5090	5201	111	Dolomite
5201	5415	214	Dolomite & Lime
5415	5475	60	Lime
5475	6126	651	Dolomite & Lime
6126	6173	47	Dolomite
6173	7475	1302	Dolomite & Lime
7475	7584	109	Shale
7584	7625	41	Shale & Dolomite
7625	7717	92	Shale
7717	8490	773	Shale & Dolomite
8490	8865	375	Dolomite
8865	8941	76	Dolomite & Lime
8941	8976	35	Lime & Shale
8976	8990	14	Dolomite & Lime
8990	9008	18	Lime
9008	9048	40	Lime, Chert & Shale
9048	9050	2	Dolomite & Shale
9050	9535	485	Shale & Lime
9535	9596	61	Lime
9596	9615	19	Shale & Lime
9615	9690	75	Lime
9690	9715	25	Shale & Lime
9715	9923	208	Lime
9923	9957	34	Shale & Lime
9957	10011	54	Lime
10011	10028	17	Lime & Shale
10028	10063	35	Lime
10063	10225	162	Lime & Shale
10225	10235	10	Lime
10235	10294	59	Lime & Shale

DRILL STEM TEST  
PELLO "B No. 1

- No. 1 Took Johnston drill stem test Wolfcamp Formation from 9158-9292'. Tool open 4 hours, air immediately, fair blow throughout test, no gas to surface. Recovered 1046' of gas cut mud and 581' of salt water. No pressures, bombs failed.
- No. 2 Took Johnston drill stem test Wolfcamp Formation from 9724-9765'. Tool open 4 hours, air immediately, strong blow throughout test. No gas, recovered 423' oil and gas cut mud, 4136' salt water. Initial flowing pressure 250#. Maximum 2050#. 15 minute shut in BHP 3025#. Hydrostatic pressure 5050#.

