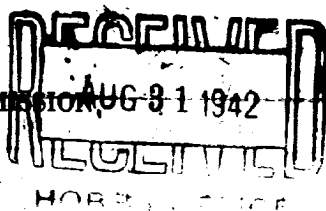
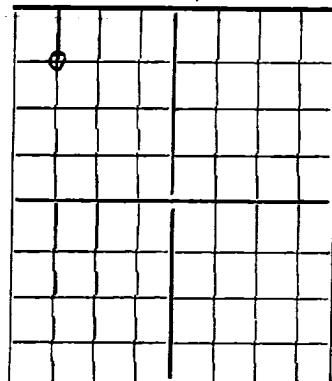


Santa Fe, New Mexico



WELL RECORD


 AREA 640 ACRES
LOCATE WELL CORRECTLY

 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

Phillips Petroleum Company

Bartlesville, Oklahoma

Company or Operator

Address

Phillips

Well No. 4

in NW/4

of Sec. 20

T. 17-S

Lease

R. 33-E

N. M. P. M. 33-1-10-1

Field

Lea

County

Well is 640 feet south of the North line and 640 feet west of the East line of Section 20

If State land the oil and gas lease is No. 2-2227 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 November 19, 1941 Drilling was completed March 2, 1942

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

Elevation above sea level at top of casing 4181' 10" feet. (Ground elevation)

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

OIL SANDS OR ZONES

No. 1, from 4502 to 4772 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 FROM TO	PURPOSE
8-5/8" CB	24 1/2	12V	L.W.	1409' 9" (Overall)	Halliburton			Surface string
6-1/2" CB	14 1/2	8 RA	SS	4570' 0" (Overall)	Halliburton			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
11"	8-5/8"	1404' 4"	725	Halliburton		
7-7/8"	6-1/2"	4547' 10"	300	"		

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
	Howell XAMP-6	2000 gals.	1-1-42	4502-4545		
	Howell XAMP-6	2000 gals.	1-1-42	4545-4588		
	Howell XAMP-6	2000 gals.	1-1-42	4588-4631		
	Howell XAMP-6	2000 gals.	1-1-42	4631-4674		
	Howell XAMP-6	2000 gals.	1-1-42	4674-4717		
	Howell XAMP-6	2000 gals.	1-1-42	4717-4760		
8-5/8" Pump Shell	Howell XAMP-6	2000 gals.	1-23-42	4842-4885		

Results of shooting or chemical treatment * Scrubbed dry, no results. ** Scrubbed 15 blis. in 24 hrs.

 *** Scrubbed out oil load & acid & shut down to prepare for shot. **** Scrubbed 2 blis. in 2
hrs. ***** Scrubbed 22 blis. oil in 15 hrs. ***** Scrubbed out oil load and acid and
started preparations to deepen well.

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 4592 feet, and from feet to feet

Cable tools were used from 4502 feet to 4772 feet, and from feet to feet

PRODUCTION

* See reverse side for Remarks.

Put to producing 19

The production of the first 24 hours was barrels of fluid of which % was oil; %

emulsion; % water; and % sediment. Gravity, Be

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

L. C. Young, Driller G. L. Spencer, Driller

Paul Graves, 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.

Odessa, Texas

August 26, 1942

Subscribed and sworn to before me this 26

day of August, 1942

Geo. D. Henshaw, Notary Public

Name H. R. Nelson

Position District Chief Clerk

Representing Phillips Petroleum Company

My Commission expires 6-1-43

Address Box 6666, Odessa, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	96	56	Sand
96	310	214	Sand and gravel
310	340	30	Red Bed
340	525	185	Red Bed (Sticky)
525	644	119	Red Bed & Red Rock
644	810	166	Red Bed, Red Rock, Blue Shale
810	967	157	Red Bed
967	1250	283	Red Bed & Shale
1250	1290	40	Sand & Shale
1290	1330	40	Red Bed, Anhydrite breaks & Gyp
1330	1355	25	Gyp
1355	1431	76	Gyp, Anhydrite Shells (Very rough)
1431	1458	27	Gyp, Anhydrite Shells (rough)
1458	1497	39	Gyp with Anhydrite Shells
1497	1502	5	Gyp
1502	1535	33	Red Bed & Anhydrite Shells
1535	1544	9	Salt with Red Bed and Gyp Breaks
1544	1590	46	Anhydrite & salt with Shale breaks
1590	1620	30	Salt & anhydrite
1620	1670	50	Salt with breaks of Gyp
1670	1711	41	Gyp
1711	1808	97	Gyp & Anhydrite Shells
1808	1839	31	Gyp
1839	1848	9	Gyp & Anhydrite
1848	1870	22	Gyp
1870	1880	10	Gyp & gray-brown shale
1880	1892	12	Gyp
1892	1902	10	Gyp & Shells
1902	1908	6	Sand
1908	1920	12	Anhydrite
1920	1973	53	Gyp & anhydrite
1973	1988	15	Gyp, Red Bed and Red Rock
1988	1993	5	Gyp, Anhydrite & Dolomite
1993	1994	1	Red Rock & Sand
1994	1998	4	Anhydrite & Gyp
1998	2000	2	Anhydrite, Gyp, streaks of red sand.
2000	2025	25	Anhydrite, Gyp & Red Rock
2025	2070	45	Anhydrite & Gyp
2070	2095	25	Gyp and Red Bed
2095	2098	3	Gyp and Anhydrite
2098	4004	196	Anhydrite, Gyp & Lime - Some of sand
4004	4146	142	Anhydrite & Lime
4146	4304	158	Lime
4304	4308	4	Lime and dolomite
4308	4399	91	Lime
4399	4402	3	Sandy Lime
4402	4404	2	Hard Lime
4404	4419	15	Lime
4419	4430	11	Hard Lime
4430	4772 - T.D.	142	Lime

Note: This well was plugged back to 4001', present T. D., with cement.

*-Well made 28 bbls oil, no water on January 24, 1942, swabbing. No production test taken as no pipe line outlet available. It and when purchaser for the oil is found. Potential will be established and well put on production.