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NEW MEXICO OIL CONSERVATION

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 TRIPLICATE

Phillips Petroleum Company

Bartlesville, Oklahoma

Santa Fe

Company or Operator

Well No. 48

in NW/4

Address

25

T.

17-S

Lease

35-E

N. M. P. M.

Vacuna

Field

Lea

County.

Well is 764.7' feet south of the North line and 560.4' feet west of the East line of NW/4, Sec. 25

If State land the oil and gas lease is No. B-960 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Phillips Petroleum Company Address Bartlesville, Okla

Drilling commenced May 3 19 42 Drilling was completed May 26 19 42

Name of drilling contractor Loffland Brothers Address Odessa, Texas

Elevation above sea level at top of casing 3914'2" feet. (ground)

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

OIL SANDS OR ZONES

No. 1, from 4226'2" to 4554 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 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
8 5/8" OD	32 1/2	8V	L.W.	1769'7" (overall)	Halliburton			Surface String
5 1/2" OD	14 1/2	8 rd	H-40	4247'9" (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
	8 5/8"	1759'1"	650	Halliburton		
	5 1/2"	4226'2"	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
			NONE			

Results of shooting or chemical treatment

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 4554 feet, and from feet to feet

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

PRODUCTION

Put to producing May 26, 19 42

The production of the first 24 hours was 165 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 38.2

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. B. Roberts, Driller Gay Severson, Driller

T. H. Davis, 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 2nd day of June, 1942

Name M. H. Henshaw

Position District Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Surface line
40	100	60	Caliche & lime shells
100	180	80	Shells
180	230	50	Red bed
230	260	30	Sand
260	290	30	Red bed
290	434	144	Red bed and lime shells
434	528	94	Red bed and anhydrite shells
528	664	136	Red bed and lime shells
664	968	304	Red bed
968	1185	217	Red bed and shale
1185	1295	108	Red bed and lime
1295	1620	327	Red bed and shells
1620	1695	75	Red bed and streaks Anhydrite
1695	1720	25	Red rock
1720	1820	100	Anhydrite- Top of anhydrite
1820	2201	181	Salt- Top of salt
2201	2530	329	Salt and streaks anhydrite
2530	2820	290	Salt and anhydrite
2820	2840	20	Salt
2840	2902	62	Anhydrite & shale
2902	3065	163	Broken anhydrite
3065	3175	110	Anhydrite
3175	3230	55	Anhydrite & gyp
3230	3267	37	Anhydrite & lime shells
3267	3390	23	Anhydrite & lime
3390	3383	93	Anhydrite & gyp
3383	3447	64	Anhydrite & lime shells
3447	3505	58	Anhydrite
3505	3550	45	Anhydrite, gyp & lime
3550	3603	53	Anhydrite & gyp
3603	3658	55	Anhydrite
3658	3760	102	Anhydrite & gyp
3760	3800	40	Anhydrite
3800	3812	12	Anhydrite & gyp
3812	4281	469	Lime
4281	4295	14	Hard lime
4295	4311	16	Medium hard lime
4311	4547	236	lime
4547	4554	7	Lime plus oil