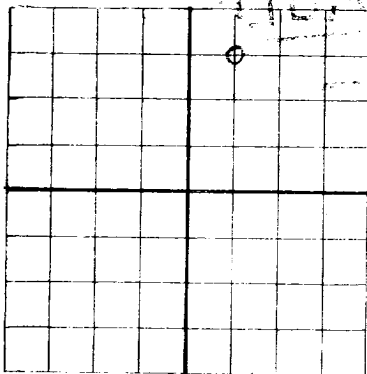
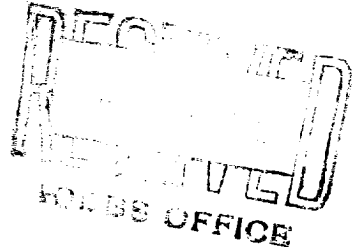


NEW MEXICO OIL CONSERVATION COMMISSION

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
Santa Fe Well No. **38** in **NE/4** of Sec. **5**, T. **18-S**
Lease
R. **35-E** N. M. P. M. **Vacuum** Field, **Lea** County.
Well is **660** feet south of the North line and **1980** feet west of the East line of **Sec. 5**
If State land the oil and gas lease is No. **B-2073** 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 **February 10,** 19 **40** Drilling was completed **March 12,** 19 **40**
Name of drilling contractor **Phillips Petroleum Company** Address **Bartlesville, Oklahoma**
Elevation above sea level at top of casing **3956.4** feet.
The information given is to be kept confidential until **Not Confidential** 19 _____

OIL SANDS OR ZONES

No. 1, from **4107'** to **4642'** 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	
9-5/8"OD	25#	Welded	Armco	1561'11"	Halliburton				Surface String
			(Overall tally)						
7"OD	24#	8 & 10*	SS	4130'8"	Halliburton				Oil String.
			(Overall tally)						
*116 joints 7" casing was 10 thread & 21 joints was 8 thread.									

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8"	1562'7"	608	Halliburton	No record	
8-3/4"	7"	4107'0"	400	Halliburton	No record.	

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
1000 gal.		Dowell XXWF6	1000 gal.	3-14-40	4107-4642	
1000 gal.		Dowell XXWF6	1000 gal.	3-15-40	4107-4642	
1000 gal.		Dowell XXW	1000 gal.	3-15-40	4107-4642	

Results of shooting or chemical treatment **Before acidizing flowed 98 bbls. in 9 hours. After acid flowed 108 bbls. in 5 hours.**

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 **4642** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **March 31,** 19 **40**
The production of the first **24** hours was **72** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **38.6**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **590#**

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 **1st**

Odessa, Texas **April 1, 1940**

day of **April**, 19 **40**

Bob Ballard
Notary Public

Place _____ Date _____
Name _____
Position **District Chief Clerk**

Phillips Petroleum Company

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Shale & Caliche
40	638	598	Shale & Sand
638	661	23	Shale
661	765	104	Red Bed & Shells
765	986	221	Red Bed & Shale
986	1030	44	Lime
1030	1100	70	Red Bed
1100	1174	74	Shale Red Bed & Sand
1174	1290	116	Red Bed & Shale
1290	1394	104	Red Bed Lime Shells
1394	1432	38	Shale & Red Bed
1432	1448	16	Red Bed Caliche & Shale
1448	1516	68	Red Bed & hard shells
1516	1570	54	Shale & Anhydrite
1570	1587	17	Anhydrite
1587	1690	103	Anhydrite & Shale
1690	1843	153	Salt
1843	1955	112	Salt & Streaks of Anhydrite
1955	2115	160	Salt & Anhydrite
2115	2270	155	Shale & Anhydrite
2270	2550	280	Salt & Anhydrite
2550	2670	120	Salt
2670-	2811	141	Salt & Anhydrite
2811	2901	90	Shale & Anhydrite
2901	2982	81	Shale, anhydrite, salt
2982	3044	62	Shale & Anhydrite
3044	3078	34	Anhydrite (hard)
3078	3125	47	Anhydrite & Red Shale
3125	3193	68	Shale & Anhydrite
3193	3337	144	Gyp & Anhydrite
3337	3364	27	Gyp
3364	3411	47	Anhydrite & Red Shale
3411	3591	180	Shale & Anhydrite
3591	3611	20	Shale & Lime
3611-	3710	99	Anhydrite & lime
3710	3751	41	Shale & Lime
3751	3792	41	Shale & Anhydrite
3792	3835	43	Lime
3835	3951	116	Lime & Shale
3951	3983	32	Lime
3983	4022	39	Lime & Anhydrite
4022	4075	53	Lime
4075	4107	32	Gyp & Lime
4107	4642	535	Lime T.D.