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## NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

## DEPARTMENT OF THE STATE GEOLOGIST

## WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days  
after completion of well. Indicate questionable data by fol-  
lowing it with (?). Submit in duplicate.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Company Phillips Petroleum Company Address Bartlesville, Oklahoma  
Send correspondence to C. P. Dimit Address Bartlesville, Oklahoma  
C. D. Woolworth Well No. 5 in NE<sub>4</sub> NE<sub>4</sub> of Sec. 27, T. 24S  
R. 36E, N. M. P. M., Jal Oil Field Lea County.  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is C. D. Woolworth Address Jal, New Mexico  
The lessee is Pure Oil Company Address Ft. Worth, Texas  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced 9-7 19 34 Drilling was completed 10-12 19 34  
Name of drilling contractor Loffland Brothers Address Tulsa, Oklahoma  
Elevation above sea level at top of casing 3330.1 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 3485 to 3498 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 3498 to 3504 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>12<math>\frac{1}{2}</math></u>	<u>50</u>	<u>8</u>	<u>LW</u>	<u>213'9"</u>	<u>TP</u>				
<u>9 5/8</u>	<u>40</u>	<u>8</u>	<u>SS</u>	<u>3144'1"</u>	<u>Float</u>				
<u>7</u>	<u>24</u>	<u>10</u>	<u>SS</u>	<u>3485'0"</u>	<u>Float</u>				
<u>Note: All measurements from top of rotary table, 4' above ground.</u>									

## MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12<math>\frac{1}{2}</math></u>	<u>213'9"</u>	<u>150</u>	<u>Halliburton</u>		
<u>9 5/8</u>	<u>3144'1"</u>	<u>1100</u>	<u>"</u>		
<u>7</u>	<u>3485'0"</u>	<u>100</u>	<u>"</u>		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

## TOOLS USED

Rotary tools were used from 0 feet to 3504 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing October 13, 19 34.  
The production of the first 4 hours was 950 barrels of fluid of which 99.7 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and .3 % sediment. Gravity, Be 29  
If gas well, cu. ft. per 24 hours 3,200,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 150

## EMPLOYEES

C. D. Fielder, Driller C. E. Rulon, Driller  
Carl Simpson, 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 18 Name [Signature]  
day of November, 19 34 Position Vice President  
[Signature] Representing Phillips Petroleum Company  
Notary Public. Company or Operator.  
My commission expires 5/6/1938

DUPLICATE

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	215	0	Caliche
215	389	174	Hard Sand and shells
389	489	100	Sand & Shells
489	711	222	Sand & Lime Shells
			Acid Test @ 500' - OK
711	971	260	Sand & shells
971	1110	139	Sand & Lime shells
			Acid Test @ 1000' - OK
1110	1196	86	Anhydrite
1196	1280	84	Red Rock & shells
1280	1350	70	Anhydrite
1350	1396	46	Lime
1396	1694	298	Salt & Anhydrite
1694	1728	34	Anhydrite
1728	1935	207	Salt & Anhydrite
1935	2045	95	Salt & Potash
2045	2252	207	Anhydrite, Salt & Potash
2252	2275	23	Brown Lime
2275	2305	30	Salt
2305	2320	15	Anhydrite
2320	2538	218	Anhydrite & Salt
2538	2605	67	Anhydrite, Salt & Lime
2605	2620	15	Anhydrite
2620	2643	23	Chalk
2643	2676	33	Chalk & Salt
2676	2725	49	Lime
2725	2812	87	Lime, Salt & Anhydrite
2812	2830	18	Chalk
2830	2833	3	Anhydrite
2833	2973	140	Salt
2973	2980	7	Anhydrite
2980	3005	25	Anhydrite
3005	3007	2	Sandy Lime
3007	3041	34	Lime, Brown
3041	3080	39	Lime, Brown
3080	3117	37	Lime, Brown
3117	3143	26	Lime, Brown
3143	3153	10	Lime, Brown
3153	3155	2	Sand, Broken
3155	3242	87	Lime
3242	3282	40	Sandy Lime
3282	3460	178	Lime Cored 3460'-71' Core #1
3460	3471	11	Lime Cored 3467'6"-3477'6"
3471	3480	9	Lime & Sand Cored 3477'6"-88'
3480	3486	6	Soft Sandy Lime
3486	3488	2	Lime Cored 3488'-3500'
3488,	3500	12	Lime, porous
3500	3500 T.D.		Show of gas and oil corr. S.L.M. 3504', Ran & cement. 118 jts. 7" OD 24# SLM csg. Set 3485' w/100 sz. cement.