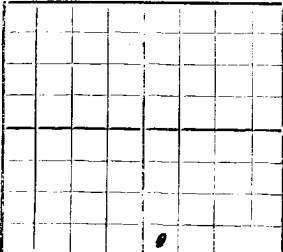


N.



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 following it with (?). Submit in duplicate.

Company The California Company Address P.O.Box 967, Hobbs, New Mexico  
Send correspondence to above Address \_\_\_\_\_  
N. M. State I Well No. 4 in SW-SESE of Sec. 29 T. 18S  
R. 38E, N. M. P. M., Hobbs Oil Field Lea County.  
If State land the oil and gas lease is No. 1499 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
The lessee is \_\_\_\_\_ Address \_\_\_\_\_  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced August 15 19 30 Drilling was completed October 18 19 30  
Name of drilling contractor George Barnham Address Hobbs, New Mexico  
Elevation above sea level at top of casing 3646' feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

OIL SANDS OR ZONES

No. 1, from 3155? to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 4034 to 4155 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from NONE LOGGED 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 AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>13-5/8"</u>	<u>54.5</u>	<u>8</u>	<u>S-C</u>	<u>195 Tex Pat</u>					
<u>9-5/8"</u>	<u>36</u>	<u>8</u>	<u>S-C</u>	<u>2756 Baker</u>					
<u>7"</u>	<u>24</u>	<u>10</u>	<u>S-C</u>	<u>3934 Larkin</u>					

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>13-5/8"</u>	<u>210</u>	<u>150</u>	<u>Halliburton</u>		
<u>9-5/8"</u>	<u>2750</u>	<u>700</u>	<u>do</u>		
<u>7"</u>	<u>3934</u>	<u>300</u>	<u>do</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 210 feet to 4170 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 210 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing October 21, 19 30  
The production of the first 24 hours was 124.5\* barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be 36°  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

\*Average first 30 days pinched - open one hour for proration test produced 391.6 bbls.

EMPLOYES

GEORGE BARNHAM, Contractor, 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 22nd Name Wm Simpson  
day of Dec, 19 30 Postion \_\_\_\_\_  
H. R. Rood Representing \_\_\_\_\_  
Notary Public. \_\_\_\_\_ Company or Operator \_\_\_\_\_  
Mv commission expires 6-1-31

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Surface Formation
20	40	20	Caliche
40	150	110	Sand and Hard Shells
150	186	36	Soft Sand
186	192	6	Hard Sand
192	400	208	Red Bed
400	1675	1275	Red Beds, Sand and Lim
1675	1715	40	Salt, Streaks of Lime and Sand
1715	1951	236	Salt, streaks of Sand
1951	2041	90	Salt
2041	2562	521	Salt with streaks of Anhydrite and Lime
2562	2562	20	Lime with streaks of salt
2562	2599	17	Hard Anhydrite
2599	2659	60	Anhydrite and Lime
2659	2692	33	Anhydrite and Lime with streaks of sticky Shale
2692	2706	16	Hard Lime and Anhydrite
2706	2750	44	Hard Anhydrite
2750	2770	20	Anhydrite and Red Shale
2770	2800	30	Brown Lime and Anhydrite
2800	2830	30	Anhydrite
2830	2897	67	Anhydrite, Gray and Red Shale
2897	3037	40	Brown Sand and Anhydrite
3037	3400	363	Anhydrite and Shale
3400	3740	340	Anhydrite Lime and Shale
3740	3865	145	Anhydrite and Lime
3865	3934	40	Lime
3934	3964	30	Sandy Lime
3964	4020	56	Blue Gray Crystalline Lime
4020	4034	14	White Crystalline Lime
4034	4075	41	Soft Brown Lime
4075	4100	25	Hard Brown Lime
4100	4135	35	Soft Brown Lime
4135	4160	25	Hard Gray Lime
4160	4170	10	Medium Soft Brown Lime TOTAL DEPTH