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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 following it with (?). Submit in duplicate.

Company **The California Company** Address **P.O.Box 967, Hobbs, New Mexico**

Send correspondence to **Above** Address

**H. D. McKinley** Well No. **1** in **S-NW** of Sec. **20**, T. **18S**

R. **38E**, N. M. P. M., **Hobbs** Oil Field **Lea** County.

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

If patented land the owner is **H. D. McKinley** Address **Hobbs, New Mexico**

The lessee is Address

If not state or patented land, give status

Drilling commenced **August 19,** 19 **30** Drilling was completed **October 12** 19 **30**

Name of drilling contractor **George Barham** Address **Hobbs, New Mexico**

Elevation above sea level at top of casing **3654** feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **4027** to **4041** No. 4, from to

No. 2, from **4196** to **4224** 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 AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>13-3/8"</b>	<b>54.5</b>	<b>8</b>	<b>S-C</b>	<b>217</b>	<b>Tex. Pat</b>				
<b>9-5/8"</b>	<b>36</b>	<b>8</b>	<b>S-C</b>	<b>2755</b>	<b>Baker</b>				
<b>7</b>	<b>24</b>	<b>10</b>	<b>S-C</b>	<b>4026</b>	<b>do</b>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>13-3/8</b>	<b>237</b>	<b>142</b>	<b>Halliburton</b>		
<b>9-5/8</b>	<b>2770</b>	<b>700</b>	<b>do</b>		
<b>7</b>	<b>4026</b>	<b>150</b>	<b>do</b>		

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 **237** feet to **4224** feet, and from feet to feet

Cable tools were used from **0** feet to **237** feet, and from feet to feet

PRODUCTION

Put to producing **October 14**, 19 **30**.

The production of the first 24 hours was **282.5\*** barrels of fluid of which **100** % was oil; % emulsion; % water; and % sediment. Gravity, Be **35**

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.**

EMPLOYES

**GEORGE BARHAM, 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 **10th** Name **Wm Simpson**

day of **Dec.**, 19 **30** Position **General Superintendent**

**D. Lord** Representing **THE CALIFORNIA COMPANY** Company or Operator

My commission expires **6-1-31** Notary Public.

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Surface Formation
20	40	20	Caliche
40	75	35	Hard Sand
75	210	135	Brown Sand
210	1250	1040	Red Shale
1250	1620	370	Red Sandy Shale
1620	1637	17	Anhydrite
1637	1657	20	Broken Anhydrite and Shale
1657	1670	13	Anhydrite
1670	1730	60	Red Sandy Shale
1730	1750	20	Red Shale and Anhydrite
1750	1835	85	Salt
1835	2650	895	Salt and Potash
2650	2742	92	Anhydrite
2742	2770	28	Hard Anhydrite and Lime
2770	2790	20	Anhydrite
2790	2850	60	Anhydrite and Calcareous Shale
2850	3711	861	Anhydrite and Shale
3711	3759	48	Anhydrite
3759	3773	14	Hard Anhydrite
3773	3868	135	Anhydrite and Red Shale
3868	3908	22	Sandy Brown Anhydrite
3908	3930	55	Anhydrite and Red Shale
3930	3985	55	CORED - Anhydrite and Lime
3985	4041	8	Hard Lime
4041	4049	16	Hard Lime and Sandy Lime
4049	4065	107	Medium Hard and Soft Sandy Lime
4065	4172	24	Medium Hard Crystalline Lime
4172	4196	28	Brown Lime - Pay.