



NEW MEXICO OIL CONSERVATION COMMISSION  
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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Deifern Oil Company, 607 Lubbock National Building, Lubbock, Texas**

Company or Operator **Deifern Oil Company** Address **Lubbock, Texas**  
State **TX** Well No. **2** in **SE NE** of Sec. **11**, T. **13-S**  
Lease **31-S** Field, **Caprock** County, **Chaves**  
N. M. P. M., **Caprock** Field, **Chaves** County.  
Well is **1900** feet south of the North line and **680** feet west of the East line of **Sec. 11, T-13-S, R-31-E**.  
If State land the oil and gas lease is No. **2-11467** Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is **Stanolind Oil and Gas Company** Address **Midland, Texas**  
Drilling commenced **August 28, 46** Drilling was completed **September 11, 46**  
Name of drilling contractor **George P. Livermore** Address **Lubbock, Texas**  
Elevation above sea level at top of casing **4604** feet.  
The information given is to be kept confidential until **Not confidential** 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from **3031'** to **3043'** 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 \_\_\_\_\_ 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		PURPOSE
							FROM	TO	
<b>8-5/8"</b>	<b>25.00</b>	<b>3rd</b>	<b>Int'l.</b>	<b>281</b>	<b>None</b>				<b>Surface</b>
<b>8-1/2"</b>	<b>18.00</b>	<b>3rd</b>	<b>Int'l.</b>	<b>2801</b>	<b>Balliburton</b>				<b>Oil String</b>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>10-5/8"</b>	<b>8-5/8"</b>	<b>281</b>	<b>180</b>	<b>Pump &amp; Plug</b>		
<b>7-1/2"</b>	<b>8-1/2"</b>	<b>2801</b>	<b>800</b>	<b>Pump &amp; Plug</b>		

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

Results of shooting or chemical treatment **Not shot or treated**

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 **3000** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **2700** feet to **3043** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **September 12, 1946**  
The production of the first 24 hours was **48** barrels of fluid of which **100** % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be **37**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**J. F. Reeves** Rotary, Driller **C. E. Browning** Rotary, Driller  
**F. E. Bodine** Rotary, Driller **E. K. Dye** Cable Tools, 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 **30th** day of **September**, 19**46** at **Lubbock, Texas** **September 30, 1946**  
Name **B. P. Stafford** Position **Engineer**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25	25	Caliche
25	200	175	Red beds and sand
200	663	463	Red beds
663	1270	607	Red beds
1270	1430	160	Red beds and anhydrite
1430	1580	150	Anhydrite
1580	2140	560	Salt and red beds
2140	2258	118	Anhydrite
2258	2404	146	Anhydrite and red shale
2404	2678	274	Anhydrite and shale
2678	2810	132	Anhydrite
2810	2935	125	Anhydrite and shale
2935	3000	65	Anhydrite
3000	3031	31	Anhydrite and gray shale
3031	3043	<u>12</u>	Gray sand
		3043'	