

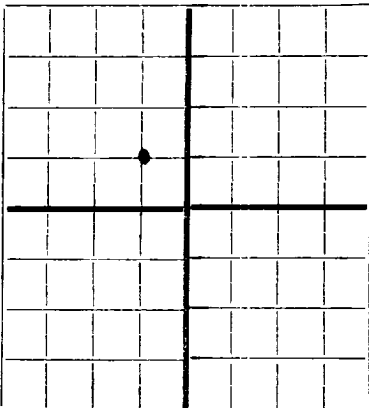
DUPLICATE

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HOBBS OFFICE

FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**Stanolind Oil and Gas Company** Box F, Hobbs, New Mexico  
Company or Operator Address  
**Eva Owen A** Well No. **2** in **NW/4** of Sec. **3**, T. **22S**  
Lease  
R. **37E**, N. M. P. M., **Drinkard** Field, **Lea** County.  
Well is **1980** feet south of the North line and **3300** feet west of the East line of **Section 3**  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is **Eva Owen**, Address **Funice, New Mexico**  
If Government land the permittee is, Address  
The Lessee is **Stanolind Oil and Gas Company**, Address **Tulsa, Oklahoma**  
Drilling commenced **November 17** 19 **46** Drilling was completed **January 11** 19 **47**  
Name of drilling contractor **McVay & Stafford Drilling Company**, Address **Tulsa, Oklahoma**  
Elevation above sea level at ~~top of casing~~ **D.F. 3410'** feet.  
The information given is to be kept confidential until **Not confidential** 19.

OIL SANDS OR ZONES

No. 1, from **6315** to **6380 (gas)** No. 4, from to  
No. 2, from **6450** to **6495** No. 5, from to  
No. 3, from **6505** to **6545** 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>13-3/8</b>	<b>54.5</b>	<b>8 RD</b>		<b>275</b>	<b>L. P</b>				
<b>9-5/8</b>	<b>36.0</b>	<b>8 RD</b>		<b>556</b>					
<b>9-5/8</b>	<b>32.3</b>	<b>8 RD</b>		<b>2283</b>	<b>Larkin</b>				
<b>7"</b>	<b>22.0</b>	<b>8 RD</b>		<b>2613</b>					
<b>7"</b>	<b>20.0</b>	<b>8 RD</b>		<b>3983</b>	<b>Baker</b>		<b>6505</b>	<b>6545</b>	<b>Obtain Prod.</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>17-1/4</b>	<b>13-3/8</b>	<b>287</b>	<b>300</b>			
<b>12-1/4</b>	<b>9-5/8</b>	<b>2849</b>	<b>500</b>			
<b>8-3/4</b>	<b>7"</b>	<b>6606</b>	<b>400</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
		<b>Acid - 20%</b>	<b>500 gal.</b>	<b>1-9-47</b>	<b>6505-6545</b>	
		<b>Acid - 15%</b>	<b>2000 gal.</b>	<b>1-10-47</b>	<b>6505-6545</b>	

Results of shooting or chemical treatment

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 **6606** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **January 12** 19 **47**  
The production of the first **16** hours was **134** barrels of fluid of which **100** % was oil; %  
emulsion; % water; and % sediment. Gravity, Be. **39.8° API**  
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. T. Hall**, Driller **J. B. Taylor**, Driller  
**L. L. Livery**, 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 **20**  
day of **January**, 19 **47**  
**P. Smith**  
Notary Public  
My Commission expires **2-23-50**

**Hobbs, New Mexico** **January 20, 1947**  
Place Date  
Name **Joseph Lemmickson**  
Position **Field Supt.**  
Representing **Stanolind Oil and Gas Company**  
Company or Operator  
Address **Box F, Hobbs, New Mexico**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	41	41	Surface Sand and Caliche
41	215	174	Red Beds and Shells
215	1140	925	Red shale
1140	1580	440	Anhydrite
1580	2385	805	Salt
2385	2526	<del>XXX</del> 141	Anhydrite
2526	2570	44	Sand
2570	2860	290	Anhydrite
2860	3359	499	Anhydrite and Lime
3359	3455	96	Sand, Lime and Anhydrite
3455	3576	121	Lime and Anhydrite
3576	5070	1494	Lime
5070	5160	90	Sandy Dolomite
5160	6606 (TD)	1446	Lime and Dolomite
<u>MARKERS</u>			
Top Anhydrite		1140	
Base of Salt		2420	
Top of Yates		2560	
Top of San Andres		3880	
Top of Glorieta		5060	
Top of Pay		6450	
<u>DRILL STEM TESTS</u>			
1 st DST			
5060-5280 tool open 1 hour. Recovered 630' gas cut mud w/slt. show of oil. FBHP 400 psi. Shut in for 15 minutes. SIBHP 1200 psi.			
2 nd DST			
5488-5570. Tool open 1 hour. 200 MCF/D. Gas on 5/8 choke. Recovered 80' mud. FBHP 150 psi. Shut in 15 minutes. SIBHP 2100 psi.			
3 rd DST			
6300-6430 Tool open 1 ho r. 1000 MCF/D Gas test 45 minutes. Recovered 490 ' gas cut mud. FBHP 300 psi. Shut in for 15 minutes. SIBHP 2300 psi.			