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## 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

Stanolind Oil and Gas Company; P. O. Box "F"; Hobbs, New Mexico

Company or Operator **Leonard Leech "B"** Well No. **1** in **NW/4** of Sec. **25**, T. **19-S**

Lease **38-E**, N. M. P. M., **Nadine** Field, **Lea** County.

Well is **660** feet south of the North line and **660** feet west of the East line of **Section 25**

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

If patented land the owner is **Leonard Leech**, Address **Hobbs, New Mexico**

If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_

The Lessee is **Stanolind Oil and Gas Company**, Address **Box 591, Tulsa, Okla.**

Drilling commenced **January 28** 19 **50** (See Reverse Side) Drilling was completed **May 31** 19 **50**

Name of drilling contractor **M. J. Delaney**, Address **512 Continental Bldg. Dallas, Texas**

Elevation above sea level at top of casing **3600** feet.

The information given is to be kept confidential until **Not confidential** 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **None** to \_\_\_\_\_ 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 **6990** to **7040** feet. **Swabbed 28 BW in 14 hrs.**

No. 2, from **7060** to **7080** feet. **" 188 BW in 24 hrs.**

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>32#</b>	<b>8-V</b>		<b>1675(x) Hall.</b>					<b>Surface</b>
<b>5-1/2"</b>	<b>15&amp;17#</b>	<b>8-R</b>	<b>Spang</b>	<b>7102(y) "</b>			<b>6990</b>	<b>7040</b>	<b>Oil String</b>
							<b>7060</b>	<b>7080</b>	
<b>(x) Left in hole.</b>									
<b>(y) 5009' of 5 1/2" casing was pulled when abandoning well.</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>12-1/4</b>	<b>8-5/8</b>	<b>1688</b>	<b>1000 sx.</b>	<b>Plug</b>	<b>10.0#/gal.</b>	
<b>7-3/4</b>	<b>5-1/2</b>	<b>7114</b>	<b>200 sx</b>	<b>Plug</b>	<b>10.2</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>15% Reg. Acid</b>	<b>1500 G.</b>	<b>4-29-50</b>	<b>6990-7040'</b>	
		<b>15% Reg. Acid</b>	<b>1500 G.</b>	<b>5-7-50</b>	<b>7060-7080'</b>	

Results of shooting or chemical treatment **Both intervals produced 100 % water on test after recovering all load oil and acid residue.**

## 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 **Surface** feet to **Total Depth** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Plugging and Abandoning operations **PRODUCTION completed (See Reverse Side\*)**  
Date producing **May 31** 19 **50**

The production of the first 24 hours was **188** barrels of fluid of which **0** % was oil; **0** % emulsion; **100** % water; and **0** % sediment. Gravity, Be \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. **Not measured**

## EMPLOYEES

**R. J. Almond**, Driller **V. L. Mahaffey**, Driller

**A. G. Norwood**, Driller **E. C. Smith, Tool Pusher**, 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 **8th**

day of **August** 19 **50**

**Hobbs, New Mexico - August 8, 1950**

Name **Robert Wright** Date \_\_\_\_\_

Position **Field Engineer**

**Stanolind Oil and Gas Company**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	1650	1650	Surface sands and red beds.
1650	1723	73	Anhydrite.
1723	2763	1040	Salado salt.
2763	2886	123	Anhydrite.
2886	3805	919	Sand, anhydrite, and lime.
3805	4345	540	Sand and sandy dolomite.
4345	5588	1243	Dolomite and lime.
5588	6645	1057	Dolomite.
6645	7610	965	Dolomite and lime.

FORMATION TOPS

Elevation	3600'
Top Anhydrite	1650'
Top Salt	1723'
Base Salt	2763'
Top Yates	2886'
Top Queens	3805'
Top San Andres	4345'
Top Glorieta	5588'
Top Tubbs	6645'
Top Drinkard	7300' (Est)

DRILL STEM TESTS

<u>Test Number</u>	<u>Interval</u>	<u>Results</u>
1	3785-3868'	Tool open one hour. Weak blow of air for 22 minutes and died. Recovered 30' drlg. mud. Flowing and 15-minute shut-in B.H. pressures were zero.
2	6755-6862'	Tool open one hour. Weak blow air 50 min. and died. Recovered 30' drilling mud. Flowing and 15-minute shut-in B.H. pressures were zero.
3	6985-7090'	Tool open 4 hours. Strong blow air at beginning to weak blow at end of test. Recovered 180' oil and gas cut mud below circulating sub in drill pipe. Flowing bottom hole pressure - 125 psi. 15-minute shut-in pressure - zero.
4	7070-7105'	Tool open 6 hours. Strong blow air immediately to weak blow at end of test. Recovered 180' salt water below circulating sub in drill pipe. Flowing bottom hole pressure - 550#. 30-minute shut-in bottom hole pressure - 2000 psi.
5	7370-7500'	Tool open 3 hours. Medium blow air immediately to weak blow at end of test. Recovered 120' slightly gas cut mud. Flowing and 15-minute shut-in bottom hole pressures were zero.
6	7490-7605'	Tool open one hour. Very weak blow of air for 12 minutes and died. Recovered 60' very slightly gas cut mud. Flowing and 15-minute shut-in bottom hole pressures were zero.

\*The well was drilled to 7610' T.D. in April, 1950. Drinkard showed non-commercial production from 7300-7600'. Set 5-1/2" casing at 7114', perforated 6990-7040' and acidized with 1,500 gallons acid. Swabbed 28 barrels water, no oil in 14 hours. Perforated 7060-7080' and acidized with 1,500 gallons acid. Swabbed 188 barrels water, no oil in 24 hours. No shallow pays were encountered while drilling.

5009' of 5-1/2" casing was recovered and hole plugged and abandoned according to N.M.O.C.C. Regulations May 31, 1950.