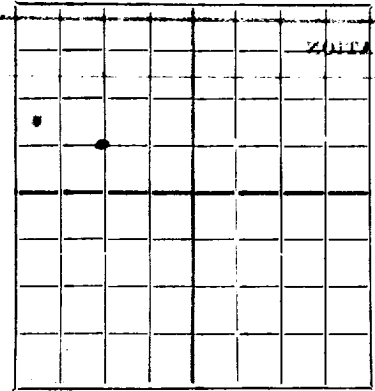


NEW MEXICO OIL CONSERVATION COMMISSION



AREA 640 ACRES  
LOCATE WELL CORRECTLY

Santa Fe, New Mexico

DUPLICATE  
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.

**HARRY LEONARD** Company or Operator **J. T. & B. T. Lanchart** Lease

**Lanchart** Well No. **2** in **SE 1/4 NW 1/4** of Sec. **21**, T. **25S**  
R. **37E**, N. M. P. M., **31** Field, **Lea** County.

Well is **1980** feet south of the North line and **1980** feet west of the East line of **Section 21**

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

If patented land the owner is **J. T. & B. T. Lanchart**, Address **Bagtown, Texas**

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

The Lessee is \_\_\_\_\_, Address \_\_\_\_\_

Drilling commenced **June 8** 19 **36** Drilling was completed **July 15** 19 **36**

Name of drilling contractor **Emery Carper**, Address **Artesia, N. M.**

Elevation above sea level at top of casing **3067** feet.

The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

OIL SANDS OR ZONES

No. 1, from **2913** to **2925** 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 **130** to **215** feet. **2 bbl's per hr**

No. 2, from **380** to **400** feet. **6 " "**

No. 2, from **640** to **650** feet. **Increase**

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>3 1/2"</b>	<b>50#</b>			<b>83'</b>					
<b>10"</b>	<b>40.5</b>	<b>9</b>	<b>LW</b>	<b>688'</b>					
<b>8 1/2"</b>	<b>28#</b>		<b>LW</b>	<b>1234'</b>	<b>Larkin</b>				
<b>7"</b>	<b>24#</b>		<b>OD</b>	<b>2901'</b>	<b>Tex Pat</b>				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

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 \_\_\_\_\_

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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from **0** feet to **2924.5** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **July 23** 19 **36**

The production of the first 24 hours was **Est. 400 bbl's per hr** barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_

If gas well, cu. ft. per 24 hours **1,500 M** Gallons gasoline per 1,000 cu. ft. of gas **850#**

Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**Jim Nellis,** \_\_\_\_\_, Driller **M. A. Dively** \_\_\_\_\_, Driller

**C. C. Richmond** \_\_\_\_\_, Driller **H. W. Shepherd** \_\_\_\_\_, Driller

**O. F. Miller** \_\_\_\_\_, Driller **A. B. Ennis** \_\_\_\_\_, 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.

Roswell, N. M. July 30, 1936

Subscribed and sworn to before me this **July** **30** 19 **36** Place **Leonard** Date

**FORMATION RECORD**

FROM	TO	THICKNESS IN FEET	FORMATION
<b>HARRY LEONARD, Lanehart No. 2</b> SE 1/4 Sec. 21-25S-37E Lea County, New Mexico ELEVATION: 3067'			
0 - 35			Rock
35 - 65			Red Bed
65 - 75			Water
75 - 110			Red Bed
110 - 130			Red Bed
130 - 215			Blue Shale 2 BBL'S WTR PER HR @ 205
215 - 245			Brown Shale
245 - 310			Red Bed
310 - 355			Blue Shale
355 - 365			Brown Shale
365 - 380			Gray Shale
380 - 400			Water Sand 6 BBL'S PER HR
400 - 405			Blue Shale
405 - 420			Sand
420 - 440			Sandy Blue Shale
440 - 450			Sand
450 - 470			Yellow mud
470 - 480			Red Mud
480 - 495			Hard Grey Sand
495 - 500			Blue Shale
500 - 545			Blue Shale
545 - 555			Gray Sand
555 - 558			Sand
558 - 565			White lime
565 - 585			Lime & Sand
585 - 595			Anhydrite
595 - 602			Brown Shale
602 - 640			Red mud
640 - 650			Water Sand
650 - 750			Red Rock
750 - 785			Red Rock Gyp Shell
785 - 960			Red Rock
960 - 1065			Anhydrite
1065 - 1090			Shale
1090 - 1105			Water
1105 - 1145			Anhydrite Salt & Shale
1145 - 1165			Anhydrite
1165 - 1195			Blue Shale, Hydrate, Red Bed
1195 - 1220			Red Rock
1220 - 1225			Blue Shale
1225 - 1235			Salt
1235 - 1240			Anhydrite
1240-1250			Anhydrite & Blue Shale
1250-1310			Salt, Some Anhydrite
1330-1360			Salt
1360-1375			Anhydrite & Salt
1375-1380			Red Bed
1380-1420			Anhydrite & Salt
1420-1530			Salt
1530-1580			Anhydrite & Salt
1580-1730			Salt
1730-1755			Anhydrite, Green Shale
1755-1785			Salt
1785-1800			Anhydrite
1800-1825			Salt
1825-1890			Salt & Anhydrite
1890-1940			Salt & Anhydrite
1940-2080			Salt & Anhydrite Shells
2080-2105			Salt & Anhydrite
2105-2265			Anhydrite
2265-2385			Anhydrite & Salt
2385-2425			Anhydrite
2425-2455			Anhydrite Hard
2455-2480			Anhydrite & Salt
2480-2525			Salt, Blue Shale Anhydrite
2525-2590			Anhydrite & Salt
2590-2600			Brown Lime
2600-2635			Salt & Anhydrite
2635-2680			Anhydrite
2680-2705			Anhydrite & Lime
2705-2755			Lime
2755-2780			Anhydrite & Lime
2780-2794			Brown Lime
2794-2814			Lime
2814-2855			Anhydrite Lime
2855-2890			Anhydrite, Blue Shale
2890-2910			Broken Lime & Blue Shale H. F. O.
2910-2913			GAS AND OIL
2913-2925			T. D.

**CASING RECORD**

83 feet	13-1/2"
668 "	10 "
1234 "	8-1/4"
2901 "	7 "