



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Lario Oil & Gas Company Heilman
(Company or Operator) (Lessee)
Well No. 3 in NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 14, T. 8-S, R. 34-E, NMPM.
Milnesand San Andres Pool, Roosevelt County.
Well is 660 feet from North line and 660 feet from East line
of Section 14. If State Land the Oil and Gas Lease No. is _____
Drilling Commenced 9-22-62, 19____. Drilling was Completed 10-2-62, 19____.
Name of Drilling Contractor Verna Drilling Company
Address 1216 Mercantile Securities Building, Dallas 1, Texas
Elevation above sea level at Top of Tubing Head 4274 K.B. 4264 G.L. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 3796 to 4700 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 none to Rotary feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<u>8-5/8</u>	<u>24#</u>	<u>New</u>	<u>365#</u>	<u>Hewco Guide shoes</u>			<u>Surface</u>
<u>4 1/2"</u>	<u>10#</u>	<u>"</u>	<u>4692</u>	<u>Hewco Guide Shoe</u>			<u>Oil string</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>8-5/8</u>	<u>378</u>	<u>275</u>	<u>Pump</u>	<u>rotary</u>	<u>Cement circulated</u>
<u>7-7/8</u>	<u>4 1/2"</u>	<u>4701</u>	<u>200</u>	<u>"</u>	<u>wt. 10.8</u>	<u>Top of cement at 3960'</u>

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Acidized perforations 4597-4604 and 4624-4630 with 2000 gallons N.E. acid. Formation would not break, acid not on perforations. Re-acidized perforations 4597-4604 and 4624-4630 with 2000 gallons N.E. Acid. Average injection rate 5 bbls. per minute at 2800#. Swab 20 bbls. load oil in 6 hrs. Sand Frac perforations 4597-4604 and 4624-4630 with 20,000 gallons refined oil and 20,000# 20/40 sand. Average injection rate 18.7 bbls. per minute at 3900#. Swab to natural flow.

Result of Production Stimulation 27 barrels oil, 13 barrels water, 24 hours flowing

Depth Cleaned Out _____

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 4700 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing October 30, 1962, 19____

OIL WELL: The production during the first 24 hours was 38 barrels of liquid of which 55 % was
was oil; 45 % was emulsion; 35 % water; and 10 % was sediment. A.P.I.
Gravity 29.4

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. <u>2222 B.L.</u>	T. Devonian.	T. Ojo Alamo.
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates. <u>2612</u>	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen.	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash.	T. Mancos.
T. San Andres. <u>3796</u>	T. Granite.	T. Dakota.
T. Glorieta.	T. _____	T. Morrison.
T. Drinkard.	T. _____	T. Penn.
T. Tubbs.	T. _____	T. _____
T. Abo.	T. _____	T. _____
T. Penn.	T. _____	T. _____
T. Miss.	T. _____	T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	101	101	Caliche				
101	1573	1472	Red Bed				
1573	1846	273	Red Bed & Shale				
1846	1940	94	Shale & Sand				
1940	2426	486	Red Bed, Shale, Anhydrite, Salt				
2426	2610	184	Anhydrite & Salt				
2610	2751	141	Anhydrite				
2751	3804	1053	Anhydrite & Shale				
3804	3813	9	Anhydrite				
3813	3957	144	Lime				
3957	4196	239	Anhydrite & Lime				
4196	4700	504	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

DECEMBER 3, 1962

Company or Operator Lario Oil & Gas Company

Address Box 1209 Odessa, Texas

Name M. E. Frankum

Position or Title District Production Superintendent