

Santa Fe, New Mexico

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

LONE STAR PRODUCING COMPANY
(Company or Operator)

~~SANTA FE~~
(L-20)

East Crossroads Deviation

.Pool, ~~Lea~~

County.

Drilling Commenced....., 19..... Drilling was Completed....., 19.....

Name of Drilling Contractor Nichols Drilling Company

Address Duncan Oklahoma.....

Elevation above sea level at Top of Tubing Head.....4002 feet..... The information given is to be kept confidential until
To be released now, 1957.....

No. 1, from 12,162 to 12,226 No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 160 feet to 220 feet feet.

No. 2, from to feet.

No. 3, from _____ to _____ feet.

No. 4, from to feet.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8" OD	54.5	New	417	Larkin	None	None	Protect fresh water
9-5/8" OD	36	New	4360	Larkin	None	None	Shut salt off
5-1/2" OD	17# to 20#	New	12,180	Larkin	None	?	Shut off water

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD CHARGE	AMOUNT OF - MUD - USED
17-1/2	13-3/4	417'	100	Halliburton	circulated with cement	
12-1/4	9-5/8"OD	4360'	2950	Halliburton	circulated with cement	
8-3/4	5-1/2"OD	12,180'	1000	Halliburton		

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

Result of Production Stimulation.....

..Depth Cleaned Out.....

WORD OF DRILL-STEM AND SPECIAL TEST

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 12,186 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing July 7, _____, 1957

OIL WELL: The production during the first 24 hours was 377.75 barrels of liquid of which 100 % was
 was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
 Gravity 44.6

GAS WELL: The production during the first 24 hours was 377.75 M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut in Pressure Tubing 710. Packer on casing.
 Length of Time Shut in 6 hours

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

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.....			T. Devonian.....	<u>12,186</u>	
T. Salt.....			T. Silurian.....		
B. Salt.....			T. Montoya.....		
T. Yates.....			T. Simpson.....		
T. 7 Rivers.....			T. McKee.....		
T. Queen.....			T. Ellenburger.....		
T. Grayburg.....			T. Gr. Wash.....		
T. San Andres.....	<u>4128</u>		T. Granite.....		
T. Glorieta.....	<u>5574</u>		T.		
T. Drinkard.....			T.		
T. Tubbs.....	<u>6958</u>		T.		
T. Abo.....			T.		
T. Penn.....	<u>9312</u>		T.		
T. Miss.....	<u>11,683</u>		T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	450	450	Shale, sand and red bed	7573	7747	174	Lime, Dolomite and Shale
450	732	282	Red bed	7747	7833	86	Shale
732	1417	685	Red bed and shale	7833	7982	149	Lime and Shale
1417	2092	675	Red bed, shale and lime shells	7982	8038	56	Shale, Anhydrite and Lime
2092	2752	660	Red bed, salt and anhydrite	8038	8874	836	Shale and Lime
2752	2944	192	Red bed, anhydrite, shale	8874	8890	16	Lime
2944	3703	759	Anhydrite, salt, red bed	8890	8901	11	Cherty Lime and Shale
3703	4169	466	Anhydrite, red bed, shale	8901	9190	289	Lime and Shale
4169	4214	45	Lime and Anhydrite	9190	9210	20	Cherty Lime
4214	4732	518	Lime and Dolomite	9210	9385	175	Lime
4732	4823	91	Lime	9385	9598	213	Lime and Shale
4823	5343	520	Lime and Dolomite	9598	9621	23	Lime
5343	5401	58	Lime	9621	10916	1295	Lime and Shale
5401	5617	216	Lime and Dolomite	10916	10921	5	Lime
5617	6648	1031	Sandy Lime and Shale	10921	10971	50	Cherty Lime
6648	6704	56	Cherty Lime and Shale	10971	11015	44	Lime and Shale
6704	6900	196	Sandy Lime and Shale	11015	11221	206	Lime
6900	6948	48	Shale, Sand, and Lime	11221	11531	310	Lime and Shale
6948	7052	104	Lime and Shale	11531	11633	102	Shale and Lime
7052	7152	100	Sand, Lime and Shale	11633	11674	41	Sandy Lime
7152	7398	246	Shale and Lime	11674	11683	9	Shale and Lime
7398	7465	67	Lime And Dolomite	11683	11750	67	Lime and Chert
7465	7532	67	Lime and Shale	11750	11921	171	Lime and Shale
7532	7573	41	Lime and Dolomite	11921	11951	30	Lime and Chert
				11951	12011	60	Lime and Shale

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.

July 8, 1957 (Date)

Company or Operator LOVE STAR PRODUCING COMPANY Address MIDLAND, TEXAS, ROUTE 1, BOX 45
 Name Emory Street Position or Title District Superintendent Production

From	To	Thickness in Feet	Formation
12011	12162	151	Lime and Shale
12162	12226	64	Lime and Dolomite T.D.