

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

15-189-20303

API No. 15 — 189 — 20,303
County Number

Operator

Ladd Petroleum Corp.

Address

830 Denver Club Building Denver, Colorado 80202

Well No.

#4

Lease Name

Larrabee

Footage Location

660

feet from (N) (S) line

660

feet from (E) (W) line

Principal Contractor

Rains & Williamson

Geologist

James W. Thompson

Spud Date

3/21/76

Total Depth

6200'

P.B.T.D.

6152'

Date Completed

4/5/76

Oil Purchaser

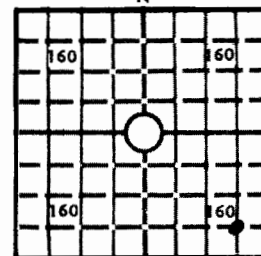
Derby Refining Co.

S. 13 T. 32 R. 35 W

Loc. C SE SE

County Stevens

640 Acres



Locate well correctly

Elev.: Gr. 2971

DF 2977 KB 2979

CASING RECORD

Report of oil strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	23	1715	Lite & Class H	850	2% CaCl2
Oil	7 7/8"	5 1/2"	14 & 15.5	6197	Poz "H"	160 100	18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	4" DP casing gun	6110-20
TUBING RECORD					
Size	Setting depth	Weight lbs/ft.			
2 7/8"	6137'	Anchor 6070.47			

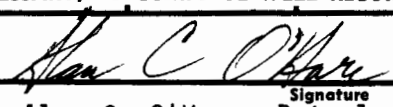
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gals. 15% MCA	6110-6120
32,500# 10-20 Sand in 30,000 gals. gelled 5% acid	6110-6120

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
6/4/76		Pumping 2½ x 2 x 18' pump			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	77 bbls.	0 MCF	90 bbls.	0 CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
-----			Chester "B" Sand		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Ladd Petroleum Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas		
Well No. 4	Lease Name Larrabee			
S <u>13</u> T <u>32</u> R <u>35</u> W W				
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.		
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Chester Core #1	6070	6107	Heebner	4192 (-1213)
Chester Core #2	6107	6154	Toronto	4199 (-1220)
Porosity Chester "B"	6105	6140	Lansing	4318 (-1339)
Shale	6070	6105	Marmaton	4970 (-1991)
Sandstone	6105	6140	Cherokee	5182 (-2203)
Limestone	6140	6154	Morrow	5600 (-2621)
			Chester	5924 (-2945)
			Chester "B"	6100 (-3121)
			St. Genevieve	6136 (3157)
			DIL, FDC-GR	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 Signature Alan C. O'Hare, Petroleum Engineer Title April 22, 1977 Date			