

15-037-20,334

WICHITA DISTRICT
KANSAS DRILLERS LOG

API No. 15 — 037 — 20,354
 County Number

S. 4 T. 28 R. 22 ^E/_W
 Loc. 150' FWL & 150' FNL
 County Crawford

Operator
L & L Oil Co.

Address
P. O. Box 13 Benedict, Kansas 66714

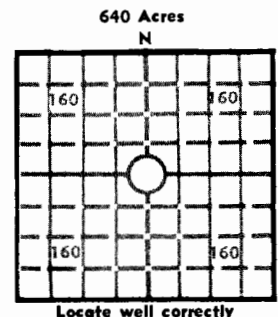
Well No. # 1-A Lease Name
H. E. Brodbeck

Footage Location
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor
L & L Oil Co., Geologist L. Lamb

Spud Date
1-30-79 Total Depth 626 P.B.T.D.

Date Completed
3-2-79 Oil Purchaser
Square Deal Oil Co.



Elev.: Gr. _____
 DF _____ KB _____

CASING RECORD

Report of all 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	9 1/4	7"	17#	46'	#1	10	
Production	5 1/4	2 7/8	6.50	592	#1	65	2% Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			open hole		
Size <u>1"</u>	Setting depth <u>598'</u>	Packer set at <u>595</u>			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Fracture 4500# sand, 160 Bbl Water	593 to 620

INITIAL PRODUCTION

Date of first production <u>4-10-79</u>	Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil <u>3</u> bbls.	Gas <u>1</u> MCF	Water <u>1</u> bbls.	Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold)			Producing interval(s) <u>24 hrs.</u>	

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator **L & L Oil Co.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
 Well No. **1-A** Lease Name **Brodbeck #1-A** Oil
 S 4 T 28 R 22 E W

WELL LOG

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.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Soil	0	4		
Clay	4	10		
Clay & Shale	10	16		
Shale	16	32		
Coal	32	34		
Shale	34	58		
Lime	58	80		
Shale	80	90		
Lime	90	95		
Shale	95	130		
Lime	130	132		
Shale	132	138		
Lime	138	146		
Coal	146	147		
Brown Shale W/Lime Streaks	147	159		
Lime	159	184		
Dark Shale	184	218		
Light Shale	218	244		
Lime	244	274		
Shale	274	280		
Lime	280	286		
Shale	286	510		
Shale W/Lime Streaks	510	586		
Oil Sand Good Odor & Bleeding	586	620		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<i>Lawrence D. Lent</i>
	Signature
	Owner
	Title
	8-1-79
	Date

9L225