

15-001-20,556

State Geological Survey
WICHITA BRANCH

KANSAS DRILLERS LOG

S. 4 T. 28 R. 22 ^E_W
Loc. 200' FNL & 500' FWL
County Crawford

API No. 15 — 037 — 20,338
County Number

Operator
L & L Oil Co.

Address P. O. Box 13 Benedict, Kansas 66714

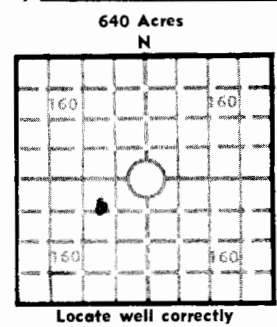
Well No. #10 Lease Name H. E. Brodbeck

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

Principal Contractor L & L Oil Co Geologist L. Lamb

Spud Date 11-21-78 Total Depth 631 P.B.T.D.

Date Completed 3-30-79 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	8 5/8	7"	20	48'	#1	5	
Oil String	5 1/4	2 7/8	6.50	596	#1	70	2% Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			open hole		
Size <u>1"</u>	Setting depth <u>590</u>	Packer set at <u>595</u>			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
<u>4500# sand, 160 BBls Water</u>	<u>595 to 618</u>

INITIAL PRODUCTION

Date of first production <u>4-13-79</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Bumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>3</u> bbis. Gas <u>MCF</u> Water <u>1/2</u> bbis. 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 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. 10	Lease Name H.E. Brodbeck		Oil
S <u>4</u> T <u>28</u> R <u>22</u> E <u>W</u>			
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
Soil	0	5	
Clay	6	12	
Sand & Clay	13	16	
Shale	17	60	
Lime	61	84	
Shale	85	144	
Lime	145	198	
Shale W/Lime Streaks	199	240	
Lime	241	266	
Shale W/Lime Streaks	267	278	
Lime	279	290	
Shale W/Lime Streaks	291	315	
Shale	316	376	
Shale W/Lime Streaks	377	573	
Shale	574	592	
Oil sand shows oil with good odor	592	618	
Shale	617	631	
Total Depth		631	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	Signature Owner Title 8-1-79 Date		

590005