

KANSAS DRILLERS LOG

API No. 15 — County — Number

Operator
PICKRELL DRILLING COMPANY

Address
205 LITWIN BLDG., WICHITA, KS. 67202

Well No. 1 Lease Name LUDEMAN "B"

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

Principal Contractor PICKRELL DRILLING COMPANY Geologist GEORGE DENT

Spud Date 6-15-77 Total Depth 4970 P.B.T.D.

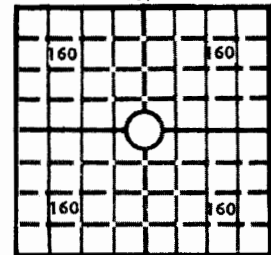
Date Completed 7-21-77 Oil Purchaser Koch

S. 1 T. 34S R. 6W E W

Loc. NW NW NE

County HARPER

640 Acres
N



Elev.: Gr. 1277

DF KB 1287

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 CASING		8 5/8		247	Common	175	
PROD. CASING		5 1/2		4967	Common	175	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4911-4914
TUBING RECORD					
Size 2 7/8"	Setting depth 4905	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production 7-8-77	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 93-97 BOPD bbls. Gas 70-77 MCF Water None bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) 4911-4914

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

PICKRELL DRILLING COMPANY

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

OIL

Well No.

1

Lease Name

LUDEMAN "B"

S 1 T 34 R 6 W 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
Shale	0	250		
Red-Beds Shale	250	634		
Shale & Lime	634	1195		
Shale & Lime Skr.	1195	1478		
Shale & Lime	1478	1805		
Lime & Shale	1805	2085		
Shale & Lime	2085	2406		
Shale & Lime	2406	2650		
Lime & Shale	2650	2888		
Lime & Shale	2888	3100		
Lime & Shale	3100	3345		
Lime & Shale	3345	3530		
Lime & Shale	3530	3545		
Stalnaker Sd.	3546	3570		
Lime & Shale	3570	3670		
Shale	3670	3820		
Lime	3820	3850		
Lime & Shale	3850	3968		
Lime	3968	4093		
Lime & Shale	4093	4143		
Lime & Shale	4143	4251		
Lime	4251	4375		
Lime	4375	4470		
Lime	4470	4485		
Lime	4485	4500		
Lime	4500	4567		
Lime & Shale	4567	4642		
Shale & Lime	4642	4761		
Lime & Shale	4761	4845		
Lime	4845	4915		
Lime	4915	4920		
Lime	4920	4925		
Lime	4925	4951		
Lime	4951	4970		

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

Date Received

C. W. Sebitts
Partner

Signature

Title

9-19-77

Date

State Geological Survey
WICHITA, BRANCH

1-34-6W
NW-NW-NE

WELL LOG
Ludeman B#1
NW NW NE 1-34S-6W
Harper County, Kansas

Name of Operator: Pickrell Drilling Co.
Litwin Bldg, Suite 205
Wichita, Kansas 67202

Date Completed: June 30, 1977

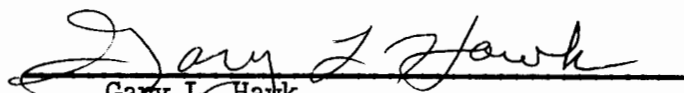
<u>FROM</u>	<u>TO</u>	
0	634	Red bed and shale
634	3546	Shale and lime
3546	3570	Stalnaker Sand
3570	3820	Lime and shale
3820	4093	Lime
4093	4251	Lime and shale
4251	4567	Lime
4567	4845	Lime and shale
4845	4891	Lime
4891	4915	Viola
4915	4970	Simpson
4970		Total Depth

RECEIVED
STATE GEOLOGICAL COMMISSION
JUL 07 1977
CONSERVATION DIVISION
Wichita, Kansas

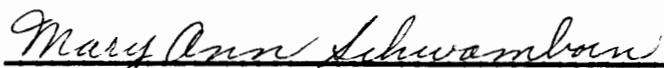
STATE OF KANSAS

COUNTY OF BARTON ss

Gary L. Hawk, Secretary of Sweetman Drilling, Inc., being first duly sworn on oath says: That I have knowledge of the facts, statements and matters herein contained and the log of the above described well as filed and that the same are true and correct.


Gary L. Hawk

Subscribed and sworn before me this 6th day of July, 1977.


Notary Public Barton County