

State Geological Survey
WICHITA BRANCH

15-035-22154
28-33-46

KANSAS DRILLERS LOG

API No. 15 — 035 — 22,154
County Number

Operator

Petroleum Enterprises

Address

0201 College Drive Winfield, KS 67156

Well No.

B-1

Lease Name

Richardson

Footage Location

660

feet from (OR) (S) line

1980

feet from (NE) (W) line

Principal Contractor

B & N Drilling Co.

Geologist

Frank Morgan

Spud Date

5-15-79

Total Depth

790' GL

P.B.T.D.

Date Completed

5-18-79

Oil Purchaser

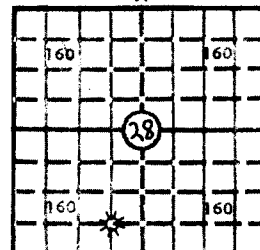
None

S. 28 T. 33 R. 4 E

Loc. SE SW

County Cowley

640 Acres
N



Locate well correctly

Elev.: Gr. 1168

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	2 7/8	7"	S.H.	200	Common	100	3% CC
Production	6 1/2	4 1/2	8.5	800.47	Portland	75	3% CC

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None					
			2	3 1/2 stick	680-688
			2	3 1/2 stick	716-722

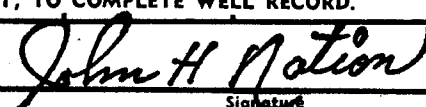
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Treated 350 gal. MCA; used 7.6 per frac balls; fractured with	680-688 716-722
N ₂ 38700 SCF and 50 sks 20-40 sand	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
Shut in		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	---	1M	---	---	
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
Shut in			680-688 : 716-722		

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 Petroleum Enterprises		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. B-1	Lease Name Richardson	Gas 28-33-46	
S <u>28</u> T <u>33</u> S <u>R 4</u> ^E _{XX}			
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
shale	0	20	
lime	20	34	
shale	34	39	
lime	39	42	
shale	42	78	
lime	78	203	
shale	203	216	
lime	216	223	
shale	223	230	
lime	230	241	
shale	241	250	
lime	250	297	
red bed shale	297	310	
lime	310	318	
shale	318	340	
lime	340	366	
lime & shale	366	376	
lime	376	426	
shale	426	476	
lime	476	482	
shale	482	494	
lime	494	686	
sand	686	701	
lime & Shale	701	790	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Partner Title 7/6/79 Date		