

KANSAS DRILLERS LOG

API No. 15 — 135 — 21,422
County Number

Operator

Pickrell Drilling Company

Address

205 Litwin Bldg. Wichita, Kansas 67202

Well No.

#1

Lease Name

Horchem "N"

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

PICKRELL DRILLING COMPANY

Geologist

Spud Date

1-21-78

Total Depth

4572

P.B.T.D.

Date Completed

2-17-78

Oil Purchaser

Koch

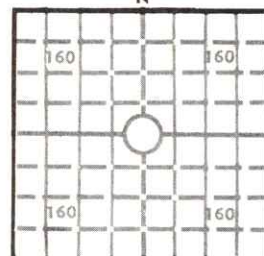
S. 32 T. 16 R. 26 E W

Loc. NW NE

County Ness

640 Acres

N



Locate well correctly

Elev.: Gr. 2640

DF KB 2645

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
Surf. casing		8 5/8"		220		150	
Prod. casing		4 1/2"		4565		150	50-50 Poz 4% gel
						50	Common

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at
2 3/8	4569	

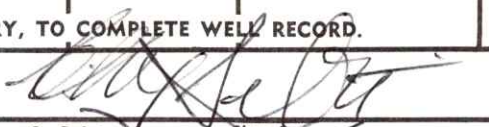
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize down 4 1/2" casing with 250 gal 15% NR acid.	
Acidize down 4 1/2" casing with 750 gal. 28% acid.	

INITIAL PRODUCTION

Date of first production 2-25-78		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 96 bbls.	Gas MCF	Water Trace bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s) 4572-4565		

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 HORCHEM "N"		
S 32 T 16 R 26 W E			
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	40	DST #1 4132-4175, 30-30-90-60
Shale	40	222	Strong blow, 600' GIP, 90'
Shale	222	890	cln. gassy oil, 90' O&GCMW
Shale	890	1594	120' clear water, IFP 42-74
Sand	1594	1690	FFP 95-169, ISIP 1234/30"
Sand	1690	1785	FSIP 1224/60"
Shale	1785	2047	
Shale	2047	2070	DST #2 4232-4265, 30-30-90-60
Shale & Lime	2070	2083	Strong Blow, Rec. 960' GIP,
Shale & Lime	2083	2455	60' Gassy oil, 60' Oil Cut Mud
Shale & Lime	2455	2665	(25% oil), 60' oil cut muddy
Lime	2665	2730	wtr. (45% w.) IFP 42-53 FFP
Lime & Shale	2730	2920	74-105 ISIP 1255/30" SIP
Lime & Shale	2920	3060	1276/60"
Lime & Shale	3060	3255	
Lime & Shale	3255	3440	DST #3 4285-4360, 30-30-90-60
Lime & Shale	3440	3615	Wk. blow. Rec. 30' SI. OCM
Lime	3615	3775	IFP 42-42 IFP 53-53 ISIP
Lime	3775	3940	84/30" FSIP 74/60"
Lime	3940	4035	
Lime	4035	4125	DST #4 4563-4572, 30-30-90-60
Lime	4125	4175	Strong blow, Rec. 300' clean
Lime	4175	4190	oil, 45' HOCM IFP 21-63 FFP
Lime	4190	4265	74-137 ISIP 1034/30" FSIP
Lime	4265	4300	1065/60"
Lime	4300	4360	
Lime	4360	4395	
Lime & Shale	4395	4470	
Shale & Lime	4470	4520	
Lime	4520	4572	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 C. W. Sebits Partner		
	Title 4-5-78 Date		