

KANSAS DRILLERS LOG

API No. 15 — County _____ Number _____

S. 13 T. 11 R. 33W E
W

Loc. NE SE NE

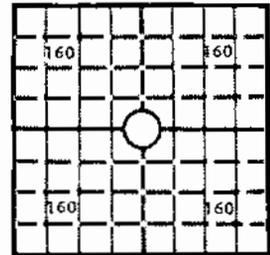
Operator DONALD C. SLAWSON

County Logan

Address 200 Douglas Building Wichita, Kansas 67202

640 Acres
N

Well No. 4 Lease Name Kruse 'F'



Footage Location 1700' feet from (N) line 340' feet from (E) line

Elev.: Gr. 3074

Principal Contractor Slawson Drilling Co., Inc. Geologist Gregg Cheney

Spud Date August 5, 1978 Total Depth 4720' P.B.T.D. N/A

Date Completed August 13, 1978 Oil Purchaser N/A

DF 3077 KB 3079

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	12 1/4"	8 5/8"	28#	277'	60/40 poz	200 sx	2% gel, 3% cc

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

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

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.

90731

Operator DONALD C. SLAWSON		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 4	Lease Name Kruse 'F'	DRY HOLE
S 13 T 11 R 33WE 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
0 - 283 Surface				
283 - 1953 Shale and Shells				
1953 - 2657 Shale and Shells				
2657 - 3103 Shale				
3103 - 4025 Lime and Shale				
4025 - 4586 Lime				
4586 - 4605 Lime and Shale				
4605 - 4720 Lime				
4720				
<u>LOG TOPS</u>				
ANH 2575 (+50#)				
B/ANH 2602 (+477)				
HEEB 4007 (-928)				
TORO 4033 (-954)				
LANS 4050 (-771)				
MN CK 4184 (-1105)				
STK 4266 (-1187)				
L/CHER 4548 (-1469)				
JH ZN 4591 (-1512)				
MISS 4646 (-567)				
LTD 4722 (-1543)				
<p>DST #1 4235-4265 (180 Zn) 30-60-30-30, VWkB 1st flow died on 2nd op, Rec. 30' VSOCM, IFP 24-32#, ISIP 316#, FFP 32-32#, FSIP 269#</p> <p>DST #2 4542-4605 (JH ZN) 30-60-30-60, Rec. 5' M, IFP 55-55#, ISIP 158#, FFP 55-55#, FSIP 79#.</p>				

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

Date Received	<p style="text-align: center;"><i>R. J. Thatcher</i> Signature</p> <p>R. J. THATCHER - Engineer</p> <p style="text-align: center;">Title</p> <p>October 2, 1978</p> <p style="text-align: center;">Date</p>
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13-11-33W

WELL LOG

OPERATOR: DONALD C. SLAWSON
200 Douglas Building
Wichita, Kansas 67202

LEASE: #4 Kruse 'F'
NE SE NE Sec. 13-11-33W
Logan County, Kansas

CONTRACTOR: Slawson Drilling Co., Inc.
200 Douglas Building
Wichita, Kansas 67202

COMMENCED: August 5, 1978

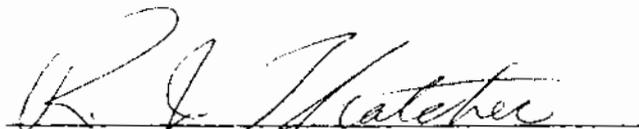
COMPLETED: August 13, 1978

CASING: Surface - 8 5/8" @ 277' w/200 sx 60/40 poz.

0 - 283	Surface
283 - 1953	Shale and Shells
1953 - 2657	Shale and Shells
2657 - 3103	Shale
3103 - 4025	Lime and Shale
4025 - 4586	Lime
4586 - 4605	Lime and Shale
4605 - 4720	Lime
4720	

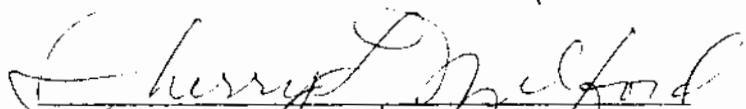
STATE OF KANSAS)
)
COUNTY OF SEDGWICK) SS.

I, R. J. THATCHER, of the Slawson Drilling Company, Inc. upon oath state that the above and foregoing is a true and correct copy of the #4 Kruse 'F' test.



R. J. THATCHER

Subscribed and sworn to before me this 2nd day of October, 1978.



SHERRY L. MILFORD, Notary Public