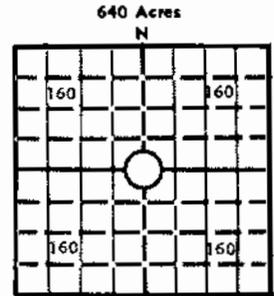


KANSAS DRILLERS LOG

API No. 15 — 109 — 20057
County Number

S. 13 T. 11 R. 33W^E
Loc. 150' S of NE NW
County Logan

Operator Donald C. Slawson
Address 408 120 Bldg. Wichita, Ks. 67202
Well No. 3 Lease Name Kruse 'F'
Footage Location
feet from (N) (S) line feet from (E) (W) line
Principal Contractor Slawson Drlg. Co., Inc Geologist Ralph Ruwwe
Spud Date Dec. 26, 1975 Total Depth 4690 P.B.T.D. 4645
Date Completed Jan. 9, 1976 Oil Purchaser Koch



640 Acres
N
Locate well correctly
Elev.: Gr. 3085
DF 3087 KB 3090

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	250'	60/40 Poz	200 sk	2% gel 3% cc
Production	7 7/8"	4 1/2"	10.5	4689'	50/50 Poz	225 sk	18% salt 3/4% cfr

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jets	4494-96 4233-35
TUBING RECORD					
Size	Setting depth	Packer set at			
2 3/8	4633				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
750 GA MOD- 202	4594-96
750 GA NE-28	4233-35

INITIAL PRODUCTION

Date of first production 1-22-76 Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS
Oil 163 bbls. Gas None MCF Water Trace bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Producing interval (s)
4233-35 4594-96

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.

90729

Operator: Donald C. Slawson
 Well No. 3 Lease Name Kruse 'F'
 DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil
 S 13 T 11 R 33 W E

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
			EL Tops	
Surface Hole	0	252	ANH	2584 (+560)
Shale & Shells	252	2584	B/ANH	2611 (+479)
Anhydrite	2584	2609	WAB	3656 (-566)
Lime & Shale	2609	4247	HEEB	4010 (-920)
Lime	4247	4690	TORO	4034 (-944)
RTD	4690		LANS	4055 (-965)
			STK	4268 (-1178)
			B/KC	4327 (-1237)
			U/CHER	4616 (-1426)
			L/CHER	4548 (-1458)
			JH ZN	4592 (-1502)
			SD	4629 (-1539)
			MISS	4646 (-1556)
			LTD	4689 (-1599)
<p>DST #1 4115-44 (70' zn) 30-30-30-30, Rec. 20' M, IFP 36-36#, IBHP 999#, FFP 36-45#, FBHP 999#</p> <p>DST #2 4176-4220, (120&140' zns), 30-45-45-60, Rec. 410' TF, 5' CGO, 25' M w/spts 0, 380' MW (10% W top, 85% W bottom), IFP 45-127#, IBHP 1271#, FFP 127-209#, FBHP 1191#</p> <p>DST #3 4212-4247, (160' zn), 32-45-45-64, SBTO, Rec. 2000' GIP, 1480' CGO, 30-45-45-60, IFP 72-309#, IBHP 1089#, FFP 327-528#, FBHP 1080#</p> <p>DST #4 4238-4273, (180' zn), 30-45-45-60, WB, F on init, F-GB on final, Rec. 670' GIP 62' M, IFP 36-45#, IBHP 564#, FFP 45-54# FBHP 118#</p> <p>DST #5 4264-4300 (200' zn), 30-45-45-60 W-GB, Rec. 280' GIP, 100' M, IFP 36-54#, IBHP 1280#, FFP 54-63#, FBHP 1207#</p> <p>DST #6 4542-4618, 30-45-45-60, SB (JH ZN) Rec. 15' OCM, 445' MO (80% O), IFP 54-164#, IBHP 627#, FFP 173-227#, FBHP 578#</p> <p>DST #7 4538-4618, (JH ZN), 45-60-60-120, SB Rec. 380' VMO (55% O, NW) IFP 72-154#, (slt plugging) IBHP 564#, FFP 173-209#, FBHP 654#</p>				
<p>USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.</p>				

State Potential - 163 BOPD, TR WTR



Rene M. Stucky
 Rene M. Stucky, Engineering Assistant
 April 26, 1976