

DRILLERS LOG

No. 15 — 167 — 21,112
County Number

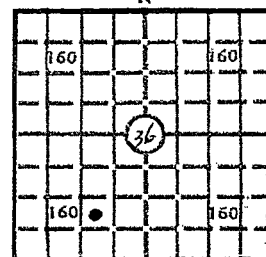
Operator Louis M. Mai	
Address Box 33 Russell, Kansas 67665	
Well No. #5	Lease Name S & S "A"
Footage Location 990 feet from (S) line 990 feet from (E) line	
Principal Contractor Duke Drilling	Geologist Francis Whisler
Spud Date Nov 26, 1977	Total Depth 3192
	P.B.T.D. 3137
Date Completed December 4, 1977	Oil Purchaser Koch

S. 36 T. 12 R. 15 E W

Loc. NW SE SW

County Russell

640 Acres
N



Locate well correctly

Elev.: Gr. 1718

DF 1720 KB 1723

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	792	60/40 Pozmix	400	2% gel 3%cc
Production	7 7/8	5 1/2	15 1/2	3185	50/50 Pozmix	150	2%gel 18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	Golden jet	2941-45
			3	Golden jet	2931-34
			3	Golden jet	2909-12

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal 15% Non E & 3000 gal CR Acid	above

INITIAL PRODUCTION

Date of first production February 24, 1978		Producing method (flowing, pumping, gas lift, etc.) Pumping	
RATE OF PRODUCTION PER 24 HOURS	Oil 15 bbls.	Gas trace MCF	Water 25 bbls.
Disposition of gas (vented, used on lease or sold) vented		Producing interval (s) CFPB	

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 Louis M. Mai		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil	
Well No. 5	Lease Name S & S "A"		
S 36 T 12 R 15 ⁵ W			
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
Post Rock, shale, steaks sand		420	Tarkio 2371
Red bed Shale, sand streaks		468	Topeka 2630
Red bed		783	Lansing 2905
Anhydrite		823	Arbuckle 3184
Shale		850	
Shale, Lime		1575	
Shale		1802	
Shale, Lime		2120	
Lime, Shale		2371	
Lime		2854	
Shale		2858	
Shale, Lime		2871	
Lime		3162	
Lime and Shale		3184	
Dolomite		3192	
RTD		3192	
DST #1; 2389-2420 30 30 30 30 with weak blow, dead in 8 minutes. Flushed tool. Weak blow for 5 minutes. Recovery: 15 feet of mud. Flow Press's 36-31 Bhp 502-177 Dst #2; 2913-2940; 30 60 30 60 with weak blow for 12 minutes Recovery: 20 feet of mud - Flow Press's 21 - 21 BHP - 52-47			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			

Date Received

Louis M. Mai