

AUSTIN B. KLAUS



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Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name:	Leiker Unit #1								
Location:	Thomas County								
License Number:	API #15-193-20964-00-0	0 Region:	Kansas						
Spud Date:	7/15/16	Drilling Completed:	7/24/16						
Surface Coordinates:	Section 12, Township 6 South, Range 33 West 2,620' FSL & 540' FWL								
Bottom Hole	Vertical well with minimal deviation, same as above								
Coordinates:		·							
Ground Elevation (ft):	3,078'	K.B. Elevation (ft): 3,086'							
Logged Interval (ft):	3,650' To: RTD	Total Depth (ft): 4,620'							
Formation:	Lkc-Miss								
Type of Drilling Fluid:	Chemical (Andy's)								
	Printed by 9	STRIP I OG from WellSight Systems 1-800	-447-1534 www.WellSight.com						

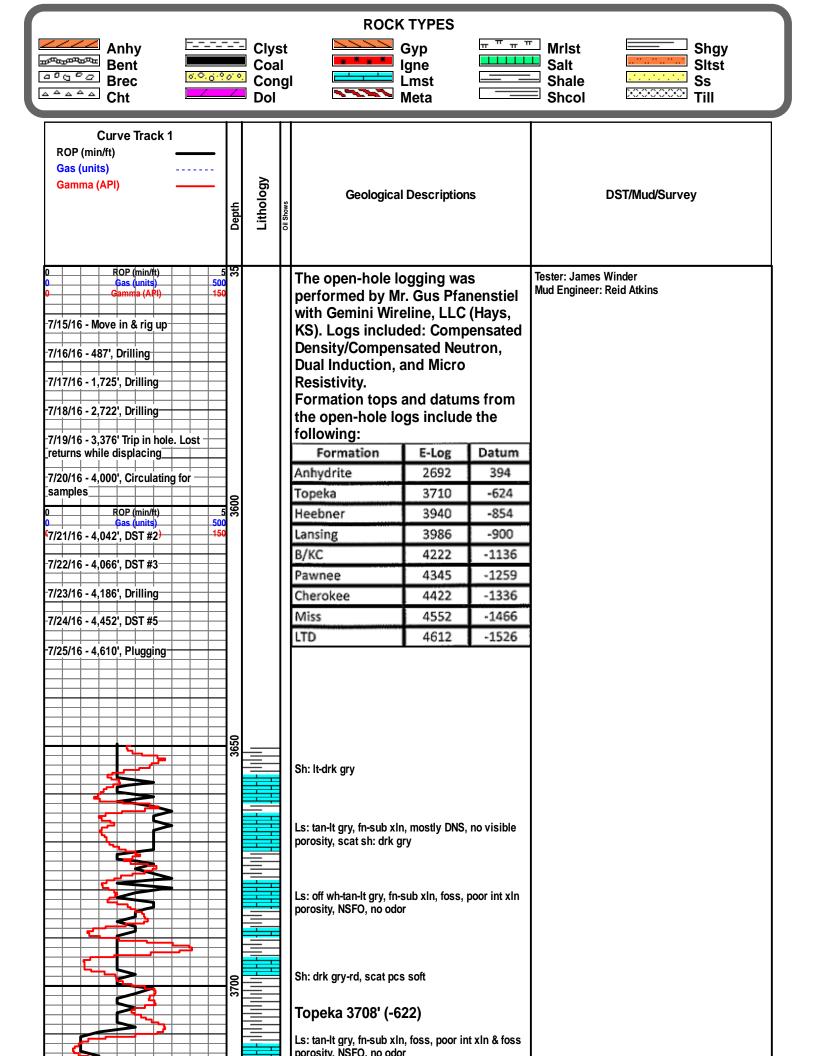
OPERATOR

Company: John O. Farmer, Inc. Address: 370 W. Wichita, Ave. Russell, KS 67665

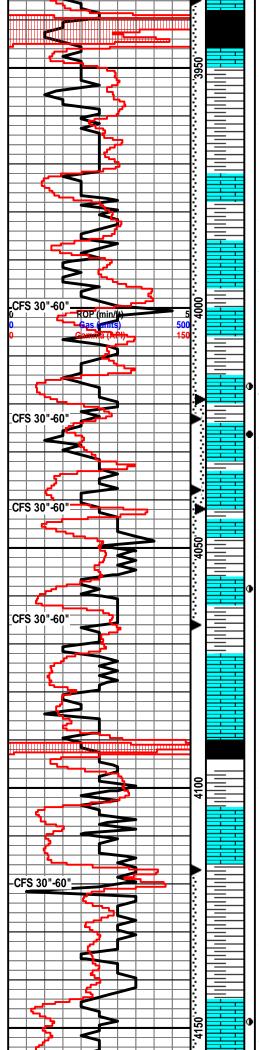
Comments

The Leiker Unit #1 well was drilled by Discovery Drilling Rig #1 (Tool Pusher: Cliff Mayfield).

The location for the Leiker Unit #1 well was found via 3-D seismic survey. Geologic samples were collected and evaluated from 3,650'-4,610'. Structurally, the Leiker Unit #1 ran 9' low at the Lansing and 8' low at the Cherokee, to the Schroeder Unit#1, 4,650' to the southwest. Four bottom-hole tests were conducted in the Lansing, all yielding negative results. A bottom-hole test was also conducted to evaluate the Cherokee, which also contained minimal fluid recovery and poor shut-in pressures. Based upon evaluation of sample shows, electric logs, DST results, and low structural position, the decision was made to plug and abandon the Leiker Unit #1 well on 7/25/16.



		<u>}</u>								,, ,	Wt: 8.9
		5								Ls: tan-It gry, fn-sub xIn, mostly DNS, no visbile porosity, NSFO, scat chalk	Vis: 45
			,				,				
	4	2								Ls: ala, scat sh: drk gry	
		P	2							Ls: off wh-tan, fn xln, poor int xln & pp porosity,	
				-					20	scat dead oil stn, NSFO, no odor, scat chalk	Wt: 9.0
				\leq					3750	Sh: drk gry-brn-rd, soft	Vis: 46
	ξ	-								Ls: tan-lt gry, fn-sub xIn, poor int xIn porosity,	
	£			D						mostly DNS, scat dead asph stn, NSFO, no odor	
	Ę	F									
	- ح									Ls: ala, scat sh: drk gry	
										Ls: off wh-tan, fn xln, foss, scat fair int xln & int	
ſ		5								foss porosity, mostly barren, NSFO, no odor	
	ľ		2	•••						Sh: drk gry-rd-grn, soft	
0	F			min/	ft)			5	3800	Sii. ark gry-ra-gin, son	
0	L	-	Gas amn	units a (Al) 81)			500 150			
							_			Sh: ala	
	C		5							Ls: tan-It gry, fn-sub xIn, mostly DNS, no visible	
	E									porosity, chalky	
	~	/								Sh: drk gry-brn	
	5	>								Ls: off wh-tan, fn xln, scat fair-good int xln	
5										porosity	
	5								3850	Ls: ala	
			2				~		38		
										 Sh: drk gry-blk, carb	
	F			کے ح	-	2					
			K	- 2 	>						
		5								Ls: off wh-tan, fn xln, poor int xln porosity, mostly barren, few pcs asph stn, chalky in part	
					2					Sh: drk gry-brn-grn	
	1		2								
				ر مر				-	3900	Sh: drk gry-blk, carb	Wt: 9.0
	4									Ls: off wh-tan, fn xln, scat fair int xln porosity,	Vis: 47
		5								mostly barren, scat blk asph stn, scat chalk	DST 3,936-4,023' (Lansing A-C) 30"-30"-30"-30"
	Ę										IF: BOB in 3.5 minutes, no blow on shut in FF: BOB in 4.5 minutes, no blow on shut in Bog: 948' Mud Cut Water (% M 92% W) 540'
	Ę	>								Ls: off wh-tan, fn-md xln, fair int xln porosity, foss, mostly barren, scat asph stn, scat chalk	Rec: 948' Mud Cut Water (8%M, 92%W) 510' Muddy Water (35%M, 65%W), 32' Mud FP: 48-446, 448-692#
	K										FF: 48-446, 446-692# SIP: 1,223-1,219# HP: 1,969-1,906#



Heebner 3939' (-853)

Sh: blk, carb, fissile

Sh: drk gry-brn-grn

Sh: ala

Ls: off wh-tan, fn-sub xIn, foss, poor int xIn porosity, barren

Sh: It-drk gry

Lansing 3987' (-901)

Ls: off wht-tan, fn xln, scat poor-fair int xln & vuggy porosity, scat brn stn, VSSFO, fnt odor, scat chalk

Ls: off wh-tan, fn-md xIn, poor int xIn porosity, mostly barren, NSFO, no odor

Sh: drk gry

Ls: off wh-tan, fn-md xIn, some pcs ool, poor-fair int xIn & vuggy porosity, fair drk brn stn, VSSFO, fnt odor

Ls: off wh-tan, fn-md xln, fair int xln & pp vuggy porosity, fair-good drk brn stn, SSFO, FSFO in cup, fnt odor

Ls: tan-It gry, fn-sub xIn, mostly DNS, no visible porosity, NSFO

Ls: off wh-tan, fn xln, ool, poor int xln porosity, scat fair drk stn, VSSFO, fnt odor

Sh: drk gry-brn-grn

Ls: off wh-tan, fn-md xln, fair int xln & vuggy porosity, fair-good oil stn, SSFO, fair odor

Sh: drk gry-brn

Ls: off wht-tan, fn-md xln, poor-fair int xln porosity, hvy chert gry-wht, mostly barren, NSFO

Sh: blk, carb

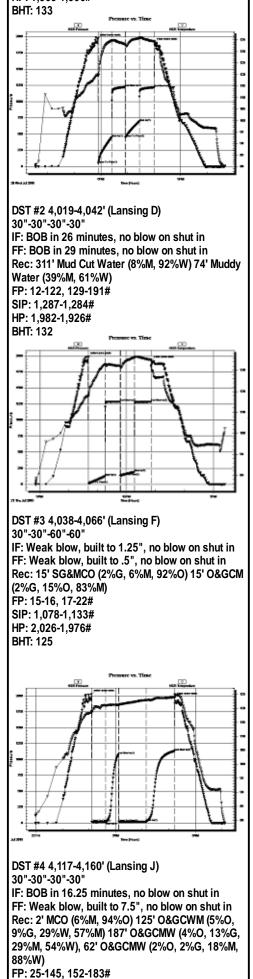
Sh: drk gry-brn w/ red

Ls: off wh-tan, fn-md xIn, poor int xIn porosity, mostly barren, NSFO, no odor, hvy chert-off wht

Sh: drk gry-brn

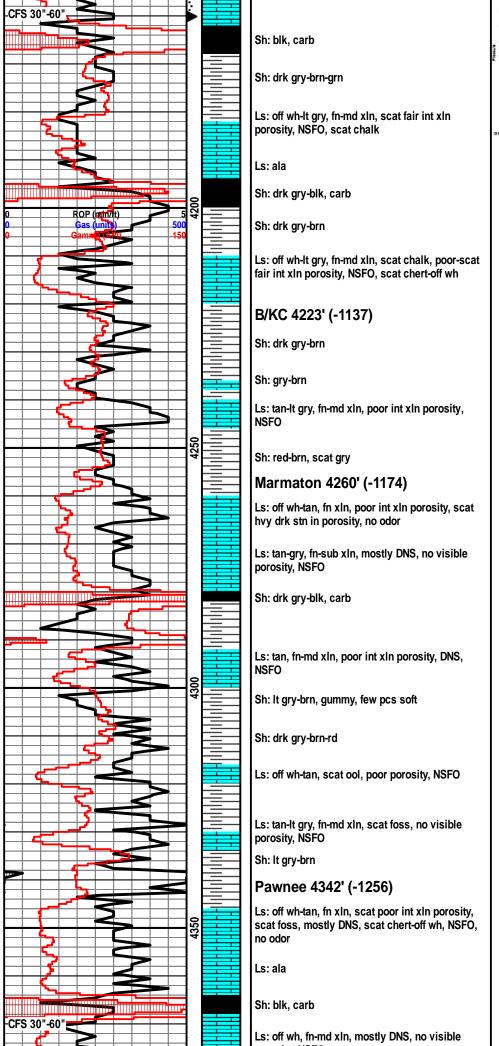
Sh: drk gry-drk brn-rd, silty, soft

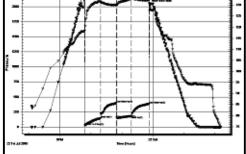
Ls: off wh-tan, fn-md xln, fair int xln & pp vuggy porosity, scat drk oil stn, SSFO, fair odor, scat chalk

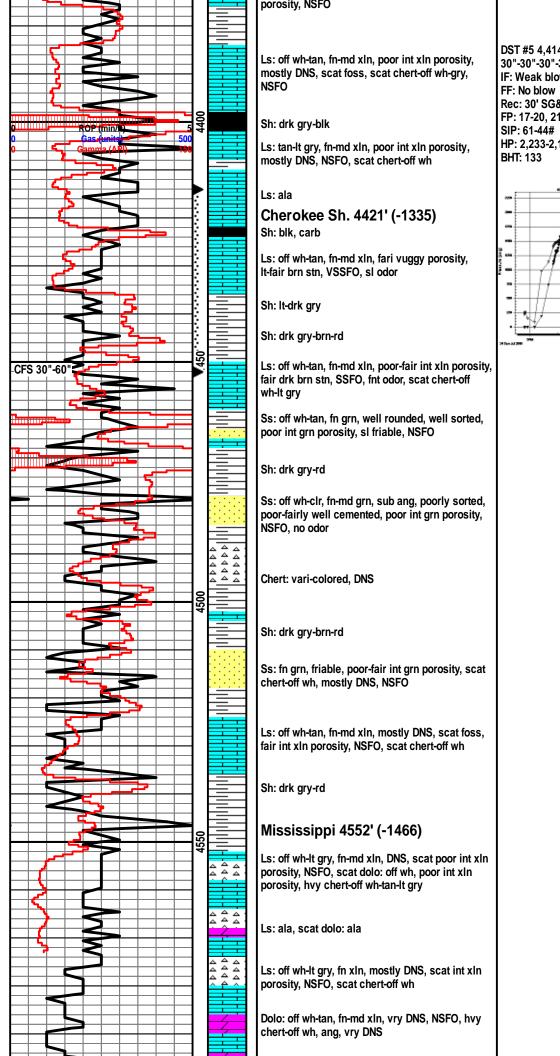


Prosece vs. Tisse

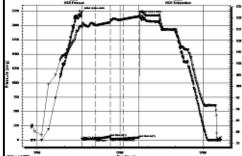
SIP: 398-385# HP: 2,125-2,033# BHT: 131







DST #5 4,414-4,452' (Cherokee) 30"-30"-30"-30" IF: Weak blow built to 1.125", no blow on shut in FF: No blow Rec: 30' SG&OCM (2%G, 6%O, 92%M) FP: 17-20, 21-25# SIP: 61-44# HP: 2,233-2,174# BHT: 133



		Dolo: ala, hvy chert	
0 ROP (1)/(t) 5 0 Sas (1)/(t) 500 0 Gamma (API) 150	46(