

KANSAS CORPORATION COMMISSIOMNSAST OIL & GAS CONSERVATION DIVISION

Form ACO-1

APR 15 2000

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE LEASE WELL WITH A VE

Sebremper raaa
orm Must Be Typed

WICHITA, KS ODICINI
API No. 15 - 125-30147-00-00 AMENDED UNION
County: Montgomery
SW_Sw_ Sec. 3Twp. 33 S. R. 16 7 East West
661 feet from S / N (circle one) Line of Section
909 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Barnhart Well #: 13-3
Field Name: Brewster
Producing Formation: Cherokee Coals
Elevation: Ground: 801' Kelly Bushing: 804
Total Depth: 1170' Plug Back Total Depth: 1127'
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
If yes, show depth setFeet
If Alternate II completion, cement circulated from 1170
feet depth to Surface w/ 150 sx cmt.
Drilling Fluid Management Plan AIT I NOR 8-10-00
(Data must be collected from the Reserve Pit)
Chloride content N/A ppm Fluid volume bbls
Dewatering method used N/A - Air Drilled
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec Twp. S. R East West
County: Docket No.:
th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.

herein are complete and correct to the best of my knowledge. **KCC Office Use ONLY** Signature: Title: Project Engineer Date: **Letter of Confidentiality Attached** If Denied, Yes Date: Subscribed and sworn to before me this Wireline Log Received **Geologist Report Received UIC Distribution** Date Commission Expires:

Operator Name: Layne Energy Operating LLC				Lease Name. Barnhart				Well #: 13-3			
Sec. 3 Twp3	33 s. R. 16	✓ East	West	County	y: Mont	tgomery	·				
INSTRUCTIONS: St tested, time tool oper temperature, fluid red Electric Wireline Loga	n and closed, flowing covery, and flow rate:	and shut if gas to	in pressures, v surface test, al	whether slong with t	hut-in pre	ssure reached s	tatic level, hydros	tatic pressure	es, bottor	m hole	
Drill Stem Tests Taken				✓ Log Formation (To			n (Top), Depth an	op), Depth and Datum Sample			
Samples Sent to Geological Survey			es ✓ No		Nam	е		Тор С		Datum	
-			es ✓ No		Pawnee Lime Excello Shale			319			
Electric Log Run (Submit Copy)		✓ Yes No						635.8 KB		168	
List All E. Logs Run:					V Sh	nale		689 KB	1	115	
Compensated Density Neutron					Weir - Pitt Coal			827.2 KB -23			
Dual Induction					Mississippian			1061 KB -257			
		Repo	CASING I		✓ Ne	ew Used ermediate, product	ion, etc.				
Purpose of String	Purpose of String Size Hole Drilled		Size Casing Set (In O.D.)		ight / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent	
Surface	12-1/4"	8.625"		23		21'	Portland	8			
Casing	7-7/8"	5.5"		15.5		1127'	Thix, Glsnite	150	2% C	cl2, 6% Cls	
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD		<u> </u>			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Туре	of Cement	I .	s Used			ercent Additives	3		
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
4 Weir 829' - 833'						Acid 500 g 829-833					
					Sand 5351# 12/20						
						804 B gelled water					
						Sand 10645# 20/40 KANSAS CORPORATION COMMISSIO					
						APR 15 2008					
TUBING RECORD Size Set At Packer At 2-7/8" 875'						Liner Run Yes ✓ No GONSER/JATION DIVISION					
Date of First, Resumed 2/28/2003	d Production, SWD or E	nhr.	Producing Meth	od	Flowin	g ✓ Pumpii	ng Gas Lift		WICHITA er (Explain	•	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 43	Mcf	Wat	er B	bls. G	as-Oil Ratio		Gravity	
Disposition of Gas											
Uented ✓ Sold (If vented, S	Used on Lease		Open Hole Other (Spec	✓ Per	rf. l	Dually Comp.	Commingled				