KANSAS CORPORATION COMMISSION RIGINAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

	Form ACO-1
	September 1999
Form	Must Be Typed
	LICENT
10 AA	r News
17(4/	
N,	

Operator: License # 33365	API No. 15 - 125-30766-00-00
Name: Layne Energy Operating, LLC	County: Montgamery
Address: 1900 Shawnee Mission Parkway	E/2 _NW _ NE Sec. 13 _ Twp. 31 _ S. R. 14 _ [7] East _ West
City/State/Zip: Mission Woods, KS 66205	559 feet from S / (N) (circle one) Line of Section
Purchaser:	1693 feet from (E) W (circle one) Line of Section
Operator Contact Person: M. B. Nattrass	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3987	
Contractor: Name: McPherson Drilling	(circle one) NE SE NW SW Lease Name: Sherwin Farms Well #: 2-13
License: 5675	
Wellsite Geologist:	
Designate Type of Completion:	Elevation: Ground: 948 Kelly Bushing:
New Welt Re-Entry Workover	Total Depth: 1488' Plug Back Total Depth: 1473'
OilSWDTamp. Abd.	Amount of Surface Pipe Set and Cemented at 20' Feet
Gas SIGW Iemp. Add.	
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used?
	if yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	if Alternate II completion, cement circulated from 1178
Operator:	20 C 100
Well Name:	Drilling Sivid Management Blan
Original Comp. Date:Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
Plug Back Total Depth	Dewatering method used N/A - Air Drilled
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.	_
Other (SWD or Enhr.?) Docket No	Operator Name:
6/14/2005 6/16/2005 8/5/2005	Lease Name: License No.:
pud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.: East West
Ransas 67202, within 120 days of the spud date, recompletion, work information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline to TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged we	
Il requirements of the statutes, rules and regulations promulgated to regerein are complete and correct to the best of my knowledge.	julate the oil and gas industry have been fully complied with and the statements
gnature: MS/Valler	KCC Office Use ONLY
•	N Lawrence Confidentially, America
Date:	Letter of Confidentiality Attached
tte: Agent Date: 9/26/2005 ubscribed and sworn to before me this 27 day of Septembre	If Denied, Yes Date:
Agent 9/26/2006	If Denied, Yes Date:
tle: Agent Date: 9/26/2005 ubscribed and sworn to before me this 27 day of Septembre	If Denied, Yes Date:

MARGARET ALLEN
Notary Public - State of Kansas
My Appt. Expires

JUN 10 2008

Operator Name:	yne Energy Ope	rating, LLC		Leas	e Name	Snerwin Fai	ms	Well #: _ 2-	13		_
Sec. 13 Twp.	31 S. R. 14			Coun	ty: Mor	ntgomery					
tested, time tool op temperature, fluid r	! Show important tops en and closed, flowi ecovery, and flow ra gs surveyed. Attach	ing and shut-i tes if gas to s	n pressures urface test,	, whether s along with	shut-in p	ressure reache	d static level, hyd	lrostatic pressu	ıres, botto	m hole	ı
Drill Stem Tests Tak		☐ Yes	 ✓ No		Ø	Log Forma	tion (Top), Depth	and Datum		Sample	_
Samples Sent to Ge	eological Survey	Yes	✓No		Na	me		Тор		Datum	
Cores Taken		Yes	✓No		Pav	wnee Lime		896 GL		52	
Electric Log Run (Submit Copy)		✓ Yes	No		Exc	zelio Shale		1032 GL		-84	
List All E. Logs Run	: ,				vs	hale		1090 GL	•	-142	
Compensated E	1				Min	eral Coal		1136 GL		-188	
Dual Induction					Mis	sissippian		1390 GL	•	442	
	1	· · · · · · · · · · · · · · · · · · ·	CASING	RECORD	✓ N	iew 🔲 Used		· · · · · · · · · · · · · · · · · · ·			7
	Size Hole	Report a	<u>-</u>	, 		ermediate, produ		# Coois	Tona	and Compat	-
Purpose of String	Drilled	Set (Ir		Lbs.		Setting Depth	Type of Cement	# Sacis Used		and Percent dditives	_
Surface	11	8.65		24		20	Class A	4	Туре	1 cement	4
Casing	6.75	4.5		10.5		1484'	Thick Set	150			_
			DOITIONAL	CEMENTI	MG / SO	UEEZE RECORI			<u> </u>]
Purpose: Perforate Protect Casing Plug Back TO Plug Off Zone	Depth Top Bottom	Type of Cement		#Sacks				Percent Additives	3		
Shots Per Foot	ots Per Foot PERFORATION RECORD - Bridge Plugs Se Specify Footage of Each Interval Perforate See Attached							Depth			
								К		RECEIVE ORPORATION	1
									J	JN 102	108
UBING RECORD 2 3	Size /8"	Set At 1413'	***************************************	Packer At		Liner Run	Yes 🗸 No	······	CON	SERVATION D WICHITA, K	
ate of First, Resumero 9/15/2005	Production, SWD or E	nhr. Pr	ducing Meth		Flowing	. Pumpir	g 🔲 Gas Lif	t Othe	r (Explain)		
stimated Production Per 24 Hours	Oil 0	Bbis.	Gas 1	Mcf	Wate 105	r 81	ols. G	ias-Oil Ratio		Gravity	
isposition of Gas	METHOD OF C					Production Interv	ai				
Vented [7] Sold (If vented, Sub-		=	Open Hole Other <i>(Specif</i>)	Perf.		ually Comp.	Commingled				

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Sherwin Farms 2-13		
	Sec. 13 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30766-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1382.5-1383.5, 1342-1343.5, 1218-1221, 1136.5- 1138	Riverton, Rowe, Weir, Mineral - 1,700 15% HCL Acid, 368 bbls Water 3,000 # 20/40 Sand	1136.5-1383.5
4	1090-1094, 1070-1073, 1031.5-1036.5, 1013- 1015.5, 893.5-894.5	Croweburg, Bevier, Mulky, Summit, Mulberry - 2,300 15% HCL Acid, 597 bbls Water 7,300 # 20/40 Sand	893.5-1094

RECEIVED KANSAS CORPORATION COMMISSION

JUN 10 2008