KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 125-30509-00-00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	SESW_Sec20 Twp31 S. R17 V East West
City/State/Zip: Mission Woods, KS 66205	720 feet from \$\infty \ \ \ \(\lambda\) (circle one) Line of Section
Purchaser:	2030 teet from E /(W) (circle one) Line of Section
Operator Contact Person: Victor H. Dyal	Footages Calculated from Nearest Outside Section Corner:
Phone: (913_) 748-3966	(circle one) NE SE *NW SW
Contractor: Name: Mokat Drilling	Lease Name: Harriman Well #: 14-20
License: 5831	Field Name: Coffeyville-Cherryvale
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 822 Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1089 Plug Back Total Depth: 1077
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 20 Feet
Gas ENHR SIGW	
Dry Other (Core, WSW, Expl., Cathodic, etc)	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth setFeet If Alternate II completion, cement circulated from 1086
Operator:	Surface 420
Well Name:	feet depth to Surface w/ 130 sx cmt.
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug BackPlug Back Total Depth	ppm riuid volumebbis
Commingled Docket No.	Dewatering method used n/a air drilled
Dual Completion	Location of fluid disposal if hauled offsite:
	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
5/6/04 5/7/04 12/17/2004	Quarter Sec. Twp. S. R. East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
	Dounds No.
Kansas 67202, within 120 days of the spud date, recompletion, workor Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-125) and geologist well report shall be attached with this form. ALL CEMENTING is. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regunerein are complete and correct to the best of my knowledge.	alate the oil and gas industry have been fully complied with and the statements
All to all I	
Signature: Many Straight	KCC Office Use ONLY
Title: Agent Date: 4/12/2005	Letter of Confidentiality Attached
Subscribed and sworn to before me this 12th day of April	If Denied, Yes Date;
20 05.	Wireline Log Received RECEIVE
1/ 1/2.	Geologist Report Received KANSAS CORPORATION C
Notary Public: Many Her	GARET ALLEN J
vale Commission Expires: 70/19/2001	ublic State of Communication
My Appt.	CONSERVATION DIV
	WICHITA, KS

perator Name: <u>Lay</u> i	ne Energy Opera	ating, LLC				larriman		Well #: 14-	20	
c. 20 Twp. 31	S. R. 17	✓ East		Count	y: Montg	omery				
sted, time tool open mperature, fluid rec	ow important tops a and closed, flowing overy, and flow rate surveyed. Attach t	g and shut-i s if gas to s	n pressures, t surface test, a	whether si long with t	hut-in pre	ssure reached	static level, hydros	static pressur	ests giving interval es, bottom hole ed. Attach copy of all	
rill Stem Tests Taker	1		s 📝 No		[V]L	og Formati	ion (Top), Depth a	nd Datum	Sample	
(Attach Additional Sheets)			_		Nam			Тор		
amples Sent to Geo	logical Survey	∐ Ye			Paw	nee Lime		441 GL	381	
ores Taken ectric Log Run (Submit Copy)	Run Yes No				Excello Shale			581 GL		
st All E. Logs Run:						y Coal		587 GL	235	
Compensated	Density Neur	tron			V St	nale		636 GL	186	
Dual Induction	-			٠		,				
		Renor		RECORD	✓ Ne	w Used	clion, etc.			
Purpose of String	Size Hole Drilled	Size	Casing (In O.D.)	We	ight ./Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives	
Surface	11"	8.65	1	24		20	Class A	4	Type 1 Cement	
Casing	6 3/4"	4.5		10.5		1086	Thickset Cement	130		
		<u> </u>	ADDITIONAL	CEMENT	ING / SQI	JEEZE RECÒR	ם			
Purpose: Perforate	Depth Top Bottom	Type of Cement		#Sacks Used		Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone		 		'				· 		
		<u> </u>		<u></u>		<u></u>		<u></u>		
Shots Per Foot PERFORATION RECORD - Bridge Plus Specify Footage of Each Interval Pe					8	Acid, Fr	acture, Shot, Cament Amount and Kind of Ma	Squeeze Reco sterial Used)	ord Depth	
	See Attached									
	,							ut.		
							,	·		
*.										
	A.			Packer	A+	Liner Run				
TUBING RECORD 2 3	Size 3/8	Set At 998.5		1 acres	-11	2	Yes Vo			
Date of First, Resumer			Producing Me	thod	Flowin	g 📝 Pump	olng Gas Li	it 🗌 Ot	her <i>(Explain)</i>	
Estimated Production Per 24 Hours	Oil	Bbis.	Gas 10.1	Mcf		er	Bbis. (Gas-Oil Ratio	Gravity	
Disposition of Gas	L L	COMPLETIC				Production Inte	erval	m		

CONSERVATION DIVISION WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Harriman 14-20		
	Sec. 20 Twp. 31S Rng. 17E, Montgomery County		
API:	15-125-30509-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	979-981, 817-818, 799.5-800.5, 743.5-744.5	Riverton, Stray, Bluejacket, Tebo - 1,200g 15% HCL + 485B Water + 2,310# 20/40 Sand	743.5-981
4	680-681.5, 649.5-650.5, 637-640	Mineral, Flemming, Croweberg - 1,300g 15% HCL + 450B Water + 2,047# 20/40 Sand	637-681.5
4	615-617, 583-589, 557.5-580	Iron Post, Mulkey, Summit - 1,650g 15% HCL + 450B Water + 1,995# 20/40 Sand	557.5-615

RECEIVED KANSAS CORPORATION COMMISSION

APR 3 0 2008

April 28, 2008

Mr. Steve Bond Kansas Corporation Commission Oil & Gas Conservation Division 130 S. Market, Room 2078 Wichita, KS 67202

Re: Corrected Well Completion Form

Dear Mr. Bond:

I have enclosed the corrected ACO-1 form and associated data for the following well:

API # 15-125-30509-00-00 Harriman 14-20

If you need additional information, please contact me at (913) 748-3960.

aughlin Darling

Sincerely,

MacLaughlin Darling

Engineering Technician

Enclosures

cc:

Well File

Field Office



