

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: M. B. Natrass
Phone: (913) 748-3987
Contractor: Name: Thornton Air Rotary
License: 33606
Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
9-1-2005 9-23-2005 10/13/2005
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-30839 - 00 - 00 (Corrected)
County: Montgomery
NE SW NW SW Sec. 10 Twp. 33 S. R. 16 East West
1878 feet from (S) / (N) (circle one) Line of Section
444 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Schenk Well #: 12-10
Field Name: Jefferson-Sycamore
Producing Formation: Cherokee Coals
Elevation: Ground: 753 Kelly Bushing: _____
Total Depth: 1162 Plug Back Total Depth: 1152
Amount of Surface Pipe Set and Cemented at 20' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1159
feet depth to Surface w/ 125 sx cmt.

Drilling Fluid Management Plan

(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.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.


Signature: _____
Title: Agent Date: 12/22/2005

Subscribed and sworn to before me this 22nd day of December

20 05

Notary Public: _____

Date Commission Expires: 10/14/2008

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

KCC Office Use ONLY
N Letter of Confidentiality Attached
If Denied, Yes Date: _____
Wireline Log Received _____
Geologist Report Received _____
UIC Distribution _____

AM - Dlg - 9/22/10

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Operator Name: Layne Energy Operating, LLC Lease Name: Schenk Well #: 12-10
 Sec. 10 Twp. 33 S. R. 16 East West County: Montgomery

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No Name Top Datum
 Cores Taken Yes No Pawnee Lime 473 GL 280
 Electric Log Run Yes No Excello Shale 638 GL 115
 (Submit Copy) V Shale 689 GL 64
 List All E. Logs Run: Mineral Coal 735 GL 18
 Compensated Density Neutron Mississippiian 1061 GL -308
 Dual Induction

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
Surface	11	8.65	24	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1159	Thick Set	125	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
	See Attached		

TUBING RECORD Size 2 3/8" Set At 1080 Packer At _____ Liner Run Yes No
 Date of First, Resumerd Production, SWD or Enhr. 11/8/2005 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours Oil 0 Bbls. Gas 0 Mcf Water 108 Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas Ventd Sold Used on Lease Open Hole Pert. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify)

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Schenk 12-10		
	Sec. 10 Twp. 33S Rng. 16E, Montgomery County		
API:	15-125-30839 - 00 - 00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1045-1047	Riverton - 3200# 20/40 sand, 300 gal 15% HCl acid, 275 bbls wtr	1045-1047

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Daily Well Work Report

SCHENK 12-10
9/1/2005

Well Location:

MONTGOMERY KS
33S-16E-10 NE SW NW SW
1878FSL / 444FWL

Cost Center

G01019900100

Lease Number

G010199

Property Code

GLNA-0168

API Number

15-125-30839

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
9/1/2005	9/23/2005	10/13/2005	11/8/2005	11/30/2005	SCHENK_12_10

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1162	1040	21	1159		

Reported By

Rig Number

Date

9/1/2005

Taken By

Down Time

Present Operation

Contractor

Narrative

MIRU Thornton drilling rig, drilled 11" hole 21'deep. Rih w/1 jts 8-5/8" surface casing. Mixed 4 sxs type 1 cement, dumped dn the backside. SDFN.

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Air Drilling
Specialist
Oil and Gas Wells

THORNTON AIR ROTARY, LLC
Office Phone: (620) 879-2073

P.O. Box 449
Caney, KS 67333

Operator LAYNE ENERGY		Well No. 12-10	Lease SCHENK	Loc. 1/4 1/4 1/4	Sec. 10	Twp. 33	Rge. 16					
County MONTGOMERY		State KS		Type/Well	Depth 1162'	Hours	Date Started 9-01-05	Date Completed 9-23-05				
Job No.	Casing Used 21' 8 5/8"	Bit Record				Coring Record						
Driller BILLY	Cement Used 4	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No.			6 3/4"								
Driller	Hammer No.											

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	3	DIRT	400	450	SANDY SHALE	734	735	COAL (MINERAL)			T.D. 1162'
3	10	CLAY	450	460	LIME	735	794	SHALE			
10	26	SHALE	460	475	SHALE	736		GAS TEST (NO GAS)			
26	36	LIME	475	499	LIME (PAWNEE)	794	805	SAND			
36	76	SHALE	499	509	BLACK SHALE	805	833	SHALE			
76	85	LIME	509	510	COAL	833	836	COAL (WEIR)			
85	86	BLACK SHALE	510	516	SANDY SHALE	836	846	SANDY SHALE			
86	90	LIME	511		GAS TEST (NO GAS)	837		GAS TEST (11# 3/8")			
90	126	SAND (DAMP)	516	566	SAND	846	853	SAND			
126	131	LIME	566	567	LIME (OSWEGO)	853	857	BLACK SHALE			
131	215	SANDY SHALE	567	568	SHALE	857	873	SHALE			
215	220	BLACK SHALE	568	603	LIME (LIGHT OIL ODOR)	873	890	SAND			
220	222	LIMEY SHALE	603	605	SHALE	890	930	SANDY SHALE			
222	232	SHALE	605	609	BLACK SHALE (SUMMIT)	930	980	BLACKS HALE			
232	233	BLACK SHALE	609	635	LIME	980	982	LIME			
233	255	SHALE	611		GAS TEST (NO GAS)	982	985	SHALE			
255	256	BLACK SHALE	635	642	BLACK SHALE (MULKEY)	985	987	COAL (ROWE)			
256	269	SANDY SHALE	642	643	COAL	987	997	SHALE			
269	297	LIME	643	654	LIME	987		GAS TEST (6# 3/8")			
297	316	SHALE	654	664	SANDY SHALE	997	1000	BLACK SHALE			
316	317	BLACK SHALE	661		GAS TEST (NO GAS)	1000	1011	SANDY SHALE			
317	320	SHALE	664	665	COAL (IRONPOST)	1011	1026	SAND			
320	330	LIME	665	680	SAND	1026	1039	SANDY SHALE			
330	331	BLACK SHALE	680	685	SANDY SHALE	1039	1044	SHALE			
331	344	SHALE	685	687	LIME	1104	1046	COAL (RIVERTON)			
344	349	LIME	687	690	SHALE	1046	1060	SHALE			
349	351	SANDY SHALE	690	691	COAL (CROWBERG)	1055		GAS TEST (SAME)			
351	366	SAND	691	700	SHALE	1060	1085	LIME (MISSISSIPPI)			
366	367	COAL	700	701	LIME	1085	1145	BROWN LIME			
367	369	SANDY SHALE	701	734	SHALE	1145	1162	GRAY CHERT			
369	400	SAND	711		GAS TEST (NO GAS)	1162		GAS TEST (SAME)			

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Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3950

September 20, 2010

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

Re: Corrected Well Completion Form – Dates, Driller, and Location Corrections

Dear Mr. Bond:

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

API # 15-125-30839-00-00
Schenk 12-10

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

Sincerely,



MacLaughlin Darling
Production Analyst

Enclosures

cc: Well File
Field Office



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