

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: Layne Energy Operating, LLC  
Operator Contact Person: Timothy H. Wright  
Phone: (913) 746-3960  
Contractor: Name: Layne Christensen Canada, Ltd.  
License: 32999

Wellsite Geologist: \_\_\_\_\_  
Designate Type of Completion:  
\_\_\_\_ New Well \_\_\_\_ Re-Entry  Workover  
\_\_\_\_ Oil \_\_\_\_ SWD \_\_\_\_ S10W \_\_\_\_ 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: 8/9/2003 Original Total Depth: 1148'  
\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
 Plug Back CIBP 1034' Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_  
\_\_\_\_ Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

<u>2/1/2006</u>	<u>2/8/2006</u>
Spud Date or Recompletion Date	Completion Date or Recompletion Date

API No. 15 - 125-30287-00-01 Correction  
County: Montgomery  
NW NW Sec. 11 Twp. 32 S. R. 16  East  West  
705 feet from S /  (circle one) Line of Section  
546 feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  SW  
Lease Name: Romans Well #: 4-11  
Field Name: Brewster

Producing Formation: Cherokee Coals  
Elevation: Ground: 824' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1148' Plug Back Total Depth: 1119'  
Amount of Surface Pipe Set and Cemented at 40 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1145  
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content n/a ppm Fluid volume 1120 bbls  
Dewatering method used n/a air drilled/fresh water

Location of fluid disposal if hauled offsite:  
Operator Name: Colt Energy, Inc.  
Lease Name: Dodds License No.: 5150  
Quarter SE Sec. 9 Twp. 32 S. R. 16  East  West  
County: Montgomery Docket No.: D-27774

AM - DG - 7/22/09

**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: [Signature]  
Title: Agent Date: 6/1/06  
Subscribed and sworn to before me this 1st day of June,  
2006  
Notary Public: [Signature]  
Date Commission Expires: 12/28/09

NOTARY PUBLIC - State Of Kansas  
BROOKE C. MAXFIELD  
My Appt. Exp. 12/28/09

KCC Office Use ONLY  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
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Operator Name: Layne Energy Operating, LLC Lease Name: Romans Well #: 4-11  
 Sec. 11 Twp. 32 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  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron  
 Dual Induction

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	495 GL	329
Excello Shale	645 GL	179
V Shale	694 GL	130
Rowe	987 GL	-163
Mississippian	1053 GL	-229

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	# Sacjs Used	Type and Percent Additives
Surface	11-1/2 "	8.625 "	20	40'	Class A	25	Cacl2 3%
Casing	7-7/8 "	5.5 "	15.5	1143'	Thbotropic + Gilsomite	150	

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		
	CIBP 1034'		

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TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2-7/8 "	1018'			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 2/8/2006				Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	0	1	38				

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval  Other (Specify) \_\_\_\_\_

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Romans 4-11		
	Sec. 11 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-30287 - 00 - 01		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1041-1044	Riverton-1000g 15.0% HCL+133 Mcf N2+162B gel water+10801# 16/30 sand	1041-1044
<b>New Perforations</b>			
4	987-988, 874.5-875.5, 735-736	Rowe, Bluejacket, Mineral-3100# 20/40 sand, 900 gal 15% HCl, 319 bbls wtr	735-988
4	668-670, 673-675.5, 646-651, 618.5-622.5	Croweberg, Ironpost, Mulky, Summit - 6700# 20/40 sand, 2600 gal 15% HCl, 485 bbls wtr	618.5-670

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