

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

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 33365  
Name: Layne Energy Operating, LLC for Colt Energy  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: \_\_\_\_\_  
Operator Contact Person: M. Brent Natrass  
Phone: (913) 748-3960  
Contractor: Name: McPherson Drilling  
License: 5675  
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: Colt Energy, Inc.  
Well Name: Romans 13  
Original Comp. Date: 7/12/2001 Original Total Depth: 1196'  
\_\_\_\_ Deepening ☒ Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
☒ Plug Back 1000' Plug Back Total Depth  
☒ Commingled Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_  
\_\_\_\_ Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

<u>5/2/2002</u>	<u>5/6/2002</u>
Spud Date or	Completion Date or
Recompletion Date	Recompletion Date

API No. 15 - 125-30025-00-01  
County: Montgomery  
\_\_\_\_ SW \_\_\_\_ SW \_\_\_\_ SW Sec. 10 Twp. 32 S. R. 16 ☒ East ☐ West  
400 feet from (S) N (circle one) Line of Section  
4880 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW  
Lease Name: Romans Well #: 13

Field Name: Coffeyville - Cherryvale

Producing Formation: Lower Bartlesville & Riverton Coal

Elevation: Ground: Unknown Kelly Bushing: \_\_\_\_\_

Total Depth: 1196' Plug Back Total Depth: 1000'

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 1196

feet depth to Surface w/ 161 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 80 bbls

Dewatering method used Pump out / push in

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: Philip J. ...  
Title: Agent Date: 6-15-2010

Subscribed and sworn to before me this 15 day of June

20 10

Notary Public: MacLaughlin Darling

Date Commission Expires: 1-4-2013

**KCC Office Use ONLY**

N Letter of Confidentiality Attached

If Denied, Yes ☐ Date: \_\_\_\_\_

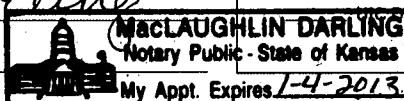
\_\_\_\_ Wireline Log Received

\_\_\_\_ Geologist Report Received

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JUN 16 2010

CONSERVATION DIVISION  
WICHITA, KS



Operator Name: Layne Energy Operating, LLC for Colt Energy Lease Name: Romans Well #: 13  
 Sec. 10 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:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See Original Driller's Log

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	11-1/4"	8-5/8"	35	20'	Portland	4	
Casing	6-3/4"	4-1/2"		1191.4'	Portland A	161	

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 Page	RECEIVED KANSAS CORPORATION COMMISSION	
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		CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr. unavailable		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		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	

<b>Operator Name:</b>	Colt Energy	submitted by Layne Energy Operating, LLC.	
<b>Lease Name:</b>	Romans 13		
	Sec. 10 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-30025-00-01		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations (2001)</b>			
	Riverton 1153' - 1157'	45 sxs 20/40 sand 360 bbls water w/ 7 lbs gel	1153' - 1157'
	Bartlesville 1021' - 1024'	100 gals 15% HCl acid	1021' - 1024'
<b>1st Recompletion Perforations (2002)</b>			
	Weir 918' - 922'	100 gals 15% HCl acid - spot 300 gals 15% HCl acid 37 Balls 100 bbls water w/ 1% KCl 60 bbls formation water	918' - 922'

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15-125-30025-00-01

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

## TREATMENT REPORT

TICKET NUMBER 20472

LOCATION B'villeFOREMAN JJB

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
5-6-02	1828	Romans #13		10	32	16	Mont., KS	Weir
CHARGE TO <u>Colt</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME LEFT LOCATION				
TIME ARRIVED ON LOCATION								

WELL DATA	
HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	<u>4 1/2</u>
CASING DEPTH	<u>P.B.T.D. 1000'</u>
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	<u>918-922</u>
SHOTS/FT	<u>(25) holes</u>
OPEN HOLE	
TREATMENT VIA	<u>CASING</u>

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input checked="" type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input checked="" type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB

## JOB SUMMARY

Chanute Spotted Ahead -  
loaded casing - pressured up to 500#, then 800# - zone  
taking fluid @ 1/4 BBL rate - staged acid three times -  
rated well at 1250# @ 4 BPM - ran 37 balls in 300 gals. acid -  
SAW good ball action - balled off at 3000# - Flowed Back -  
Flushed w/ remaining 1% KCL H<sub>2</sub>O - SHUT IN -  
Various rates starting @ 1/4 BPM up to 4 BPM - pressure increased, then fell back  
w/ each rate increase -

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	<u>800</u> psi
FINAL DISPLACEMENT	<u>1000</u> psi
ANNULUS	<u>1000</u> psi
MAXIMUM	<u>3000</u> psi
MINIMUM	<u>1000</u> psi
AVERAGE	<u>1000</u> psi
ISIP	<u>750</u> psi

TREATMENT RATE	
BREAKDOWN BPM	<u>1/4</u>
INITIAL BPM	
FINAL BPM	<u>4</u>
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

15-125-30025-00-01

\*\* TOTAL PAGE.012 \*\*

## Service Order and Delivery Receipt

OUR NO.



## MIDWEST SURVEYS

LOGGING • PERFORATING • M.I.T. SERVICES

P. O. Box 68  
Osawatomie, KS 66064  
913/755-2128

14484

Date 5/3/02

TERMS AND CONDITIONS: Midwest Surveys is hereby instructed to deliver the equipment or perform the services ordered hereon or as verbally directed, under the terms and conditions printed on the reverse side of this order, which I have read and understand and which I accept as Customer or as Customer's Authorized Agent.

Service and/or Equipment Ordered Perforate

## SIGN BEFORE COMMENCEMENT OF WORK

Customer's Name Calt Energy Inc.

By

Customer's Authorized Representative

Charge to Calt Energy Inc.

Customer's

Order No. J. Amerman

Mailing Address

Well or Job Name

and Number Raman No. 13 County Montgomery State Kansas

QUANTITY	DESCRIPTION OF SERVICE OR MATERIAL	PRICE
25	3 3/8" DP 19 Grain Expendable Casing Gun	
	60" Phase Six (6) Perforations Per Foot	
	Minimum Charge - Ten (10) Perforations	\$ 825.00
	Fifteen (15) Additional Perforations @ 20.00	\$ 300.00
	Portable Mask Charge	\$ 15.00
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	Perforated at 918.0 To 922.0	

Total 1140.00

The above described service and/or material has been received and are hereby accepted and approved for payment.

Customer's Name Calt Energy Inc.

By

Date 5/3/02

Serviced by

S. Winderch

# *Layne Energy, Inc.*

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

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June 15, 2010

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

Re: Well Completion Form

Dear Mr. Bond:

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

API # 15-125-30025-00-01  
Romans 13

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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WICHITA, KS

