

CONFIDENTIAL

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: McPherson Drilling
License: 5675

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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. _____

6/23/2006 6/27/2006
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30733 60-01
County: Montgomery
____ NW ____ SW ____ NW Sec. 16 Twp. 32 S. R. 16 East West
1700 feet from S (N) (circle one) Line of Section
330 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Casey Well #: 5-16
Field Name: Brewster

Producing Formation: Cherokee Coals
Elevation: Ground: 764 Kelly Bushing: _____
Total Depth: 1178 Plug Back Total Depth: 1137
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/ 130 sx cmt.

Drilling Fluid Management Plan WD N# 8-108
(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: **RECEIVED**
KANSAS CORPORATION COMMISSION
Operator Name: _____ **OCT 18 2006**
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____
County: _____ Docket No.: _____
CONSERVATION DIVISION
WICHITA, KS

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: MB Natrass
Title: Agent Date: 10/17/06
Subscribed and sworn to before me this 17 day of October
2006
Notary Public: Broke C. Maxfield
Date Commission Expires: 12/28/09

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

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

Operator Name: Layne Energy Operating, LLC Lease Name: Casey Well #: 5-16
 Sec. 16 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:

Formation (Top), Depth and Datum	Sample
Name	Top Datum
Pawnee Lime	503 261
Excello Shale	649 115
V Shale	699 65
Mineral Coal	736 28
Mississippian	1074 -310

Compensated Density Neutron
 Dual Induction

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Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	11"	8.625"	23	40'	Class A	35	Type 1 Cement
Casing	6 3/4"	4.5"	10.5	1145'	Thick Set	130	

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	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
	2 3/8"	1080.8'				
Date of First, Resumed Production, SWD or Enhr.	Producing Method					
6/27/2006	Flowing		<input checked="" type="checkbox"/> Pumping		Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	0	7	77			

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

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Operator Name: Layne Energy Operating, LLC.
Lease Name: Casey 5-16
Sec. 16 Twp. 32S Rng. 16E, Montgomery County
API: 15-125-30733

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
		Original Perforations	
4		Riverton, Rowe, Mineral - 1,000gal 15% HCL + 205 bbls water + 1,900# 20/40 Sand; Avg treating 1869#, ISIP 1416#, 15 min SI 657#	736.5-1047
	1044-1047, 988.5-989.5, 736.5-737.5		
4		Croweburg, Ironpost, Mulky, Summit - 2,200gal 15% HCL + 500 bbls water + 7,000# 20/40 Sand; Avg treating 1516#, ISIP 586#, 15 min SI 500#	619.5-701.5
	699-701.5, 673.5-675, 648.5-653.5, 619.5-623.5		
		New Perforations	
4		Riverton-ATP 1979, 3000# 20/40 sand, 500 gal 15% HCl acid, 192 bbls wtr	1044-1047
	1044-1047		
4		Rowe-ATP 2134, 3000# 20/40 sand, 500 gal 15% HCl acid, 192 bbls wtr	988.5-989.5
	988.5-989.5		
4		Mineral-ATP 1657, 2400# 20/40 sand, 300 gal 15% HCl acid, 262 bbls wtr	736.5-737.5
	736.5-737.5		
4		Croweburg, Ironpost-ATP 1685, 5000# 20/40 sand, 500 gal 15% HCl acid, 477 bbls wtr	673.5-701.5
	699-701.5, 673.5-675		
4		Mulky, Summit-ATP 1367, 22400# 20/40 sand, 1196 bbls wtr, 500 gal 15% HCl	619.5-653.5
	648.5-653.5, 619.5-623.5		

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Layne Energy, Inc.

10/17/08

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

October 17, 2006

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

Re: Well Completion Form

To Whom It May Concern:

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I have enclosed the amended ACO-1 forms for the following wells:

API # 15-125-30733
Casey 5-16 (re-complete)

We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3987.

Best regards,


Brooke C. Maxfield

Enclosure

Cc Well File
Field Office

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WICHITA, KS

