

CONFIDENTIAL

ORIGINAL

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

RECEIVED
KANSAS CORPORATION COMMISSION Form ACO-1
September 1999
SEP 13 2006 Form Must Be Typed
AMENDED
CONSERVATION DIVISION
WICHITA, KS

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: MOKAT Drilling
License: 5831

Wellsite Geologist: _____
Designate Type of Completion:
____ New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SLOW ____ 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. _____

5/18/2006 5/19/2006
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30818-60-60
County: Montgomery
S/2 _N/2_ SW_ NW_ Sec. 1 Twp. 32 S. R. 16 East West
1800 feet from S / (circle one) Line of Section
700 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Cottrill Well #: 5-1
Field Name: Brewster
Producing Formation: Cherokee Coals
Elevation: Ground: 873' Kelly Bushing: _____
Total Depth: 1212' Plug Back Total Depth: 1198'
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 1209'
feet depth to Surface w/ 135 sx cmt.

Drilling Fluid Management Plan Alt II NW 7-24-08
(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: MS Natrass
Title: Agent Date: 9/4/06
Subscribed and sworn to before me this 11 day of September
2006
Notary Public: Brooke C. Maxfield
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

Operator Name: Layne Energy Operating, LLC Lease Name: Cottrill Well #: 5-1
 Sec. 1 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	552 GL 321
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	704 GL 169
List All E. Logs Run:		V Shale	755 GL 118
Compensated Density Neutron		Mineral Coal	796 GL 77
Dual Induction		Mississippian	1113 GL -240

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	8.65	24	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1209'	Thick Set	135	

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 <i>(Amount and Kind of Material Used)</i>	Depth
	See Attached		
		RECEIVED KANSAS CORPORATION COMMISSION SEP 13 2006 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size Set At	Packer At	Liner Run
2 3/8"	1163'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method		
5/20/2006	<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	0	3

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18.) Other (Specify) _____

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 13 2006

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC.
Lease Name: Cottrill 5-1
Sec. 1 Twp. 32S Rng. 16E, Montgomery County
API: 15-125-30818

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
		<i>Original Perforations</i>	
4	1101.5-1103, 1045.5-1047, 942-943	Riverton, Rowe, Bluejacket - 3400# 20/40 sand, 1000 gal 15% HCl acid, 377 bbls wtr	942-1103
4	796-797, 756-757.5, 733.5-735.5, 703.5-709, 676-680.5	Mineral, Croweburg, Ironpost, Mulky, Summit - 6300# 20/40 sand, 2500 gal 15% HCl acid, 580 bbls wtr	676-797
		<i>New Perforations</i>	
4	1101.5-1103, 1045.5-1047	Riverton, Rowe-1000# 20/40 sand, 500 gal 15% HCl acid, 134 bbls wtr	1045.5-1078.5
4	942-943	Bluejacket - 1000# 20/40 sand, 300 gal 15% HCl acid, 142 bbls	942-943
4	796-797, 756-757.5, 733.5-735	Mineral, Croweburg, Ironpost-1300# 20/40 sand, 200 gal 15% HCl acid, 179 bbls wtr	733.5-797
4	703-709, 676-680.5	Mulky, Summit-1700# 20/40 sand, 200 gal 15% HCl acid, 196 bbls wtr	676-709

KCC

SEP 12 2006

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Layne Energy, Inc.

09/12/08

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

September 12, 2006

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 13 2006
CONSERVATION DIVISION
WICHITA, KS

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

ATTN: Ms. Sharon Ahtone

Re: Well Completion

KCC
SEP 12 2006
CONFIDENTIAL

Dear Ms. Ahtone:

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

API # 15-125-30818
Cotterill 5-1 (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

