

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: Timothy H. Wright  
Phone: (913) 748-3960  
Contractor: Name: Smith Drilling  
License: 33998

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: Indianola Oil, Inc.  
Well Name: Cole 1  
Original Comp. Date: 4/1/2004 Original Total Depth: 1642'  
\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Enhr./SWD  
 Plug Back 1505' Plug Back Total Depth \_\_\_\_\_  
\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. D-28,337

<u>12/22/2008</u>	<u>12/22/2008</u>
Spud Date or Recompletion Date	Completion Date or Recompletion Date

API No. 15-019-26584-00-01 Dual Completion Installed RBP  
County: Chautauqua  
\_\_\_\_ NE SE Sec. 28 Twp. 32 S. R. 13  East  West  
1980 feet from  N (circle one) Line of Section  
660 feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  SE NW SW  
Lease Name: Cole Well #: 1

Field Name: Unknown  
Producing Formation: Holden/Mulky producing & Burgess disposing  
Elevation: Ground: 897' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1642' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 230' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1612  
feet depth to 614 w/ 100 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 Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

*W-0-Dlg-7/20/09*

**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: \_\_\_\_\_  
Title: Project Engineer Date: 6/25/09  
Subscribed and sworn to before me this 25 day of June  
09  
Notary Public: MacLaughlin Darling  
Date Commission Expires: 1-4-2013

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: 7/02/09  
 Wireline Log Received  
 Geologist Report Received

**RECEIVED**  
**JUN 26 2009**  
**KCC WICHITA**



Operator Name: Layne Energy Operating, LLC Lease Name: Cole Well #: 1  
 Sec. 28 Twp. 32 S. R. 13  East  West County: Chautauqua

**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:

Cement Bond Log  
 Density Log

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Pawnee Limestone	1102	-205
Excello Shale	1237	-340
V Shale	1282	-385
Mineral Coal	1325	-428

**CASING RECORD**  New  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		8.625"	20	230'	Class A	75	
Production		4.5"	9.5	1612'	Thick Set	100	50/50 posmix w/2% gel

**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				

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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
4	DML perms	Fra 100 # sand in 300 bbl water	900-03
2	DML perms	Frac 5.000 # sand in 320 bbl water	1233-43
	open hole completion	none	1612-42
	RBP 1505'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1321'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
1/6/2009	<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	45 0

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)

*Layne Energy, Inc.*

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

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June 25, 2009

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

Re: Well Recompletion Form

Dear Mr. Bond:

I have enclosed the ACO-1 form for the following **recompleted** well:

API # 15-019-26584-00-01  
Cole 1

We respectfully request that all information submitted be kept confidential. 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 applicable**.

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

Sincerely,

*MacLaughlin Darling*

MacLaughlin Darling  
Production Analyst

Enclosures

cc: Well File  
Field Office

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