

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

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Operator: License #_33365	API No. 15 - 125-30668-00-0
Name: Layne Energy Operating, LLC	County: Montgomery CONFIDENT
Address: 1900 Shawnee Mission Parkway	CNE_NW_Sec. 27_ Twp. 31_S. R. 16_
City/State/Zip: Mission Woods, KS 66205 Purchaser:	810 feet from S (N)(circle one) Line of Section
Purchaser: 8	1800 feet from E /(W)(circle one) Line of Section
Purchaser:	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3987	(circle one) NE SE NW SW
Contractor: Name: McPherson Drilling	Lease Name: Worl Well #: 3-27
License: 5675	Field Name: Jefferson-Sycamore
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 815 Kelly Bushing:
Purchaser:Operator Contact Person: M. B. Nattrass	Total Depth: 1206 Plug Back Total Depth: 1195
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 62 Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes ✓ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1203
Operator:	feet depth to Surface w/ 135 sx cmt.
Well Name:	·
Original Comp. Date: OriginalTotal Depth:	Drilling Fluid Management Plan AHT NH 7-29-08
Deepening Re-perf Conv. to Enhr./SWD	(Said Mass So concolod nom the reserver ky
Plug BackPlug Back Total Depth	Chloride content n/a ppm Fluid volume bbls
Commingled Docket No.	Dewatering method used n/a air drilled
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
,	Lease Name: License No.:
5/16/2006 5/18/2006 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp. S. R East West
Recompletion Date Reached 1D Completion Date of Recompletion Date	County: Docket No.:
	,
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate erein are complete and correct to the best of my knowledge.	
Signature: /V/ / ////	KCC Office Use ONLY
itle:	Letter of Confidentiality Attached
Subscribed and sworn to before me thisday of	If Denied, Yes Date:
2010	Wireline Log Received
+ HONO (WMW))	Geologist Report Received
lotary Public	UIC Distribution
Date Commission Expires: 12801	Vanage

BROOKE C. MAX My Appl. Exp. 2

KCC

Operator Name: Layne Energy Operating, LLC . Lease Name: Worl County: Montgomery Sec. 27 Two. 31 S. R. 16 ✓ East West 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 ✓ Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey Yes ✓ No Pawnee Lime 549 266 Cores Taken Yes ✓ No Electric Log Run ✓ Yes No Excello Shale 115 700 (Submit Copy) V Shale 754 61 List All E. Logs Run: Mineral Coal 796 19 Compensated Density Neutron **Dual Induction** 1104 -289 Mississippian CASING RECORD Used Report all strings set-conductor, surface, intermediate, production, etc. Size Casing Set (In O.D.) Weight Lbs. / Ft. Size Hole Drilled Setting # Sacks Type and Percent Type of Purpose of String Depth Cement Used Additives 11" 24 Surface 8.625 62 40 Class A Type 1 Cement Casing 6 3/4" 4.5" 10.5 1203 Thick Set 135 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement #Sacks Used Type and Percent Additives Top Bottom Perforate Protect Casing Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Acid, Fracture, Shot, Cement Squeeze Record Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth See Attached RECEIVED KANSAS CORPORATION COMMISSION SEP 1 2 2006 CONSERVATION DIVISION WICHITA, KS **TUBING RECORD** Size Set At Packer At Liner Run 2 3/8" 1119' Yes ✓ No Date of First, Resumed Production, SWD or Enhr. **Producing Method** ✓ Pumping 5/18/2006 Flowing Gas Lift Other (Explain) Estimated Production Oil Bbls. Gas Mcf Water Bbls Gas-Oil Ratio Gravity Per 24 Hours 0 Disposition of Gas METHOD OF COMPLETION Production Interval ✓ Sold Used on Lease Vented Open Hole Dually Comp. ✓ Perf. ✓ Commingled _ (If vented, Sumit ACO-18.) Other (Specify)

KANSAS CORPORATION COMMISSION

SEP 1 2 2006

Operator Name: Layne Energy Operating, LLC.

Lease Name:

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Worl 3-27

Sec. 27 Twp. 31S Rng. 16E, Montgomery County

API:

15-125-30668

CONSERVATION DIVISION	i	SEP	G170	1	2006
WICHITA, KS	$\mathbb{C}($		D		NTIAL

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record Original Perforations	Depth
4	1076-1078.5, 1026.5- 1028, 872-873, 795.5- 797.5	Riverton, Rowe, Weir, Mineral - 1,600gal 15% HCL + 443bbls water + 3,884# 20/40 Sand	795.5-1078.5
4	754-756, 730.5-733.5, 700-706, 674.5-678	Croweburg, Ironpost, Mulky, Summit - 2,400gal 15% HCL + 618bbls water + 6,504# 20/40 Sand	674.5-756
		New Perforations	
4	1076-1078.5	Riverton-1600# 20/40 sand, 200 gal 15% HCl acid, 160 bbls wtr	1076-1078.5
4	1026.5-1028.5	Rowe-1400# 20/40 sand, 200 gal 15% HCl acid, 160 bbls wtr	1026.5-1028.5
4	872-873	Weir -1100# 20/40 sand, 150 gal 15% HCl acid, 127 bbls wtr	872-873
4	795.5-797.5, 754-756, 730.5-733.5, 696.5- 706, 674.5-678	Mineral, Croweburg, Ironpost, Mulky, Summit-5200# 20/40 sand, 600 gal 15% Hcl acid, 475 bbls wtr	674.5-797.5

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

September 11, 2006

RECEIVED KANSAS CORPORATION COMMISSION

SEP 1 2 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

Dear Ms. Ahtone:

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

API # 15-125-30668 Worl 3-27 (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. Maxileid

Enclosure

Cc

Well File Field Office

