

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: MOKAT Drilling
License: 5831

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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)

CONSERVATION DIVISION
WICHITA, KS

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. _____

11/16/2005 11/18/2005 12/16/2005
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-308920000
County: Montgomery
NW NW NW Sec. 29 Twp. 31 S. R. 14 East West
500 feet from S / **(N)** (circle one) Line of Section
500 feet from E / **(W)** (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW

Lease Name: Crosslin Well #: 4-29
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 871 Kelly Bushing: _____

Total Depth: 1535' Plug Back Total Depth: 1525'
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 1532'
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan AH. II SB
(Data must be collected from the Reserve Pit) 5-5-08

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: MB Natrass

Title: Agent Date: 3/16/2006

Subscribed and sworn to before me this 16th day of March

20 06
Notary Public: Brooke 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

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MAR 16 2006
KCC

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

Operator Name: Layne Energy Operating, LLC Lease Name: Crosslin Well #: 4-29
 Sec. 29 Twp. 31 S. R. 14 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Compensated Density Neutron Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="0"> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>941 GL</td> <td>-70</td> </tr> <tr> <td>Excello Shale</td> <td>1069 GL</td> <td>-198</td> </tr> <tr> <td>V Shale</td> <td>1128 GL</td> <td>-257</td> </tr> <tr> <td>Mineral Coal</td> <td>1173 GL</td> <td>-302</td> </tr> <tr> <td>Mississippian</td> <td>1454 GL</td> <td>-583</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	941 GL	-70	Excello Shale	1069 GL	-198	V Shale	1128 GL	-257	Mineral Coal	1173 GL	-302	Mississippian	1454 GL	-583
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Mineral Coal	1173 GL	-302																	
Mississippian	1454 GL	-583																	

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	# Sacs Used	Type and Percent Additives
Surface	11	8.65	24	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1532'	Thick Set	150	

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		
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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
		2 3/8"	1438'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
1/17/2006			<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	105			

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input checked="" type="checkbox"/> Vented <input 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) _____	

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Crosslin 4-29		
	Sec. 29 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30892		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1392.5-1394.5, 1172.5-1174, 1128-1132.5	Rowe, Mineral, Croweberg - 4600# 20/40 sand, 1500 gal 15% HCl, 409 bbls wtr	1128-1394.5
4	1109-1110.5, 1069-1074.5, 1052-1055, 967-969, 936-938	Bevier, Mulky, Summit, Lexington, Mulberry - 7300# 20/40 sand, 2600 gal 15% HCl, 594 bbls wtr	936-1110.5

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CONSERVATION DIVISION
WICHITA, KS

MORNING COMPLETION REPORT

Report Called in by: : JOHN ED

Report taken by: KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD	
CROSSLIN 4-29			11/16/2005	1	DEPTH	TYPE FLUID	
PRESENT OPERATION:		DRILL OUT FROM UNDER SURFACE				WT	VIS
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH		REPAIR DOWN TIME HRS		CONTRACTOR		
					RIG NO		
			TEST PERFS		SQUEEZED OR PLUG BACK PERFS		
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	TO	TO		
				TO	TO		
				TO	TO		
				TO	TO		
				TO	TO		
HRS	BRIEF DESCRIPTION OF OPERATION						
	MIRU MOKAT DRILLING, DRILLED 11" HOLE, 20' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,						
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.						
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	CONSERVATION DIVISION						
	WICHITA, KS						

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	_____ 200
RENTALS	_____
SERVICES	_____ 400
MISC	_____ 2280

DETAILS OF RENTALS, SERVICES, & MISC

MOKAT DRILLING @ 6.50/ft	
MOKAT (CEMENT)	80
DIRTWORKS (LOC,RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS _____ 2880 PREVIOUS TCTD _____ TCTD _____ 2880

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CONSOLIDATED OIL WELL SERVICES, INC.

MAR 16 2006

TICKET NUMBER

07890

P.O. BOX 884, CHANUTE, KS 66720

LOCATION

Eureka

20-431-9210 OR 800-467-8676

FOREMAN

Troy Strickler

KCC

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-21-05	4758	Crash Craslin 4-29				MG
CUSTOMER Layne Energy		Gus Jones Rg 2	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 160			463	Alan		
CITY Sycamore	STATE Ks		442	Rick P.		
ZIP CODE						

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1532' CASING SIZE & WEIGHT 4 1/2" 10.5" Nw
 CASING DEPTH 1532' DRILL PIPE _____ TUBING _____ OTHER P8TD 1525'
 CARRY WEIGHT 13.2th SLURRY VOL 478bl WATER gal/sk 8^o CEMENT LEFT in CASING 7'
 DISPLACEMENT 24.2Bbl DISPLACEMENT PSI 1000 PSI Bump Plug 1500 RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break Circulation w/ 258bl Fresh water. Pump 4sk Gel, 1sk Metasilicate, + 14Bbl Dye water. Mixed 150sk Thickset Cement w/ 10" Kol-Seal ^{Per/sk} @ 13.2th Per/sk. Washed out Pump + lines. Shut down. Released Plug. Displaced w/ 24.2Bbl Fresh Water. Final Pump Pressure 1000 PSI. Bump Plug to 1500 PSI. Wait 2mins. Release Pressure. Float Held. Good Cement Returns to Surface = 8Bbl Slurry to Pit.
Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	765.00	765.00
5406	40	MILEAGE	3.00	120.00
1126A	150sk	Thickset Cement	13.00	1950.00
1110A	30sk	Kol-Seal 10" ^{Per/sk}	16.90	507.00
1118A	4sk	Gel-Flush	6.63	26.52
1111A	50 th	Metasilicate Reflush	1.55 th	77.50
5407A	8.25 tons	Ton-Mileage Bulk Truck	1.00	330.00
4404	1	4 1/2" Top Rubber Plug.	38.00	38.00
5605A	4hrs	Welder	75.00	300.00
4311	1	Weld on Collar	48.00	48.00
Thank You!				
			Sub Total	4162.02
			5.3% SALES TAX	140.29
			ESTIMATED TOTAL	4302.31

AUTHORIZATION Called by John Ed. TITLE _____ DATE _____

201091

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MAR 16 2006

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GEOLOGIC REPORT

LAYNE ENERGY

Crosslin 4-29

NW¼, NW ¼, 500' FNL, 500' FWL

Section 29-T31S-R14E

MONTGOMERY COUNTY, KANSAS

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KANSAS CORPORATION COMMISSION
MAR 17 2006
CONSERVATION DIVISION
WICHITA, KS

Drilled: November 16-18, 2005

Logged: November 18, 2005

A.P.I.# 15-125-30892

Ground Elevation: 871'

Depth Driller: 1,535'

Depth Logger: 1,535'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,532'

Cemented Job: Consolidated

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

FORMATION TOPS (in feet below ground surface)

Quaternary Terrace Deposits Surface

Lenapah Lime 745

Altamont Lime 814

Pawnee Lime 941

Anna Shale 966

First Oswego Lime 1,026

Little Osage Shale 1,052

Excello Shale 1,069

Mulky Coal 1,074

Bevier Coal 1,109

"V" Shale 1,128

Croweburg Coal 1,131

Mineral Coal 1,173

Tebo Coal 1,216

AW Coal 1,393

Mississippian 1,454