

KCC

JAN 30 2006

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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

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)

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. _____

10/5/2005	10/7/2005	10/19/2005
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30853 - 00-00
County: Montgomery
NE SW SE Sec. 4 Twp. 33 S. R. 16 East West
800 feet from N (circle one) Line of Section
1500 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Weaver Well #: 15-4
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 782 Kelly Bushing: _____
Total Depth: 1181' Plug Back Total Depth: 1170'
Amount of Surface Pipe Set and Cemented at 21' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1177'
feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ALT II WITHIN 2-6-08*
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: 1/30/06
Subscribed and sworn to before me this 30 day of January
20 do
Notary Public: Brooke C. Maxfield
Date Commission Expires: 12/28/09

KCC Office Use ONLY
YES 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 Appt. Exp. 12/28/09

Operator Name: Layne Energy Operating, LLC Lease Name: Weaver Well #: 15-4
 Sec. 4 Twp. 33 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 <i>(Submit Copy)</i> 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 style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>502 GL</td> <td>280</td> </tr> <tr> <td>Excello Shale</td> <td>669 GL</td> <td>113</td> </tr> <tr> <td>V Shale</td> <td>718 GL</td> <td>64</td> </tr> <tr> <td>Mineral Coal</td> <td>765 GL</td> <td>17</td> </tr> <tr> <td>Mississippian</td> <td>1079 GL</td> <td>-297</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	502 GL	280	Excello Shale	669 GL	113	V Shale	718 GL	64	Mineral Coal	765 GL	17	Mississippian	1079 GL	-297
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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	21'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1177'	Thick Set	120	

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		
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		CONSERVATION DIVISION WICHITA, KS	
TUBING RECORD		Liner Run	
Size	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 3/8"	730'		
Date of First, Resumerd Production, SWD or Enhr.		Producing Method	
11/4/2005		<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.
	0	5	66
			Gas-Oil Ratio Gravity

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <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) _____
Production Interval _____	

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Weaver 15-4		
	Sec. 4 Twp. 33S Rng. 16E, Montgomery County		
API:	15-125-30853		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1006.5-1007.5, 883.5-896.5, 858.5-862.5, 765.5-766.5	Rowe, Sycamore Shale, Weir, Mineral- 5800# 20/40 sand, 2500 15% HCl acid, 540 bbls wtr	
4	720-722, 695-696, 668.5-673.5, 638-641.5, 536.5-537.5	Croweberg, Ironpost, Mulky, Summit, Lexington - 6600# 20/40 sand, 2200 gal 15% HCl acid, 534 bbls wtr	

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GEOLOGIC REPORT

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LAYNE ENERGY

Weaver 15-4

SW ¼, SE ¼, 800' FSL, 1,500' FEL

Section 4-T33S-R16E

MONTGOMERY COUNTY, KANSAS

Drilled: October 5-10, 2005

Logged: October 7, 2005

A.P.I.# 15-125-30853

Ground Elevation: 782'

Depth Driller: 1,181'

Depth Logger: 1,181'

Surface Casing: 8 5/8" @ 21'

Production Casing: 5 1/2" @ 1,696'

Cemented Job: Consolidated

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

FORMATION.....TOPS (in feet below ground surface)

Kansas City Group.....Surface (Nellie Bly Formation)

Lenapah Lime311

Altamont Lime.....365

Pawnee Lime502

Anna Shale.....529

First Oswego Lime598

Little Osage Shale.....639

Excello Shale669

Iron Post Coal695

"V" Shale.....718

Croweburg Coal.....722

Fleming Coal732

Mineral Coal765

Scammon Coal.....786

Tebo Coal.....826

Weir Pitt Coal858

Bluejacket Coal.....932

AW Coal1,006

Riverton Coal.....1,063

Mississippian1,079

UNCONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 20-431-9210 OR 800-467-8876

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TICKET NUMBER 07685
 LOCATION EUREKA
 FOREMAN Kevin McCoy

**TREATMENT REPORT & FIELD TICKET
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-10-05	4758	Weaver 15-4				MG	
CUSTOMER		MAILING ADDRESS		TRUCK #	DRIVER	TRUCK #	DRIVER
Layne Energy		Gus Jones		445	Rick		
P.O. Box 160		Rig 2		439	Justin		
Sycamore		KS		436	Jason		

JOB TYPE <u>Longstring</u>	HOLE SIZE <u>63A</u>	HOLE DEPTH <u>1179'</u>	CASING SIZE & WEIGHT <u>4 1/2 10.5" NEW</u>
CASING DEPTH <u>1179'</u>	DRILL PIPE	TUBING	OTHER <u>ABTD 1170</u>
SLURRY WEIGHT <u>13.2#</u>	SLURRY VOL <u>37 BBL</u>	WATER gal/sk <u>8.0</u>	CEMENT LEFT in CASING <u>7'</u>
DISPLACEMENT <u>18.6 BBL</u>	DISPLACEMENT PSI <u>600</u>	PSI <u>1100 Bump Plug</u>	RATE

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 30 BBL fresh water. Pump 4 sks Gel Flush, 5 BBL water spacer, 10 BBL Metasilicate Pre Flush, 10 BBL Dye water, mixed 120 sks Thick Set Cement w/ 10" Kol-Seal per/sk @ 13.2# per gal, yield 1.75, wash out Pump & Lines, shut down. Release Plug. Displace w/ 18.6 BBL fresh water. Final Pumping Pressure 600 PSI. Bump Plug to 1100 PSI, wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 8 BBL slurry. 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
1126 A	120 SKS	Thick Set Cement	13.00	1560.00
1110 A	24 SKS	KOL-SEAL 10" per/sk	16.90	405.60
1118 A	4 SKS	Gel Flush	6.63	26.52
1111 A	50	Metasilicate Pre Flush	1.55	77.50
5407 A	6.6 TONS	40 miles Bulk Truck	1.00	264.00
4404	1	4 1/2 Top Rubber Plug	38.00	38.00
4311	1	4 1/2 Weld on Collar	48.00	48.00
5605 A	4 HRS	Welder	75.00	300.00
5502 C	4 HRS	80 BBL Vac Truck	87.00	348.00
1123	3000 gals	City water	12.20 per 1000	36.60
			Sub Total	3989.22
			SALES TAX ESTIMATED	116.19
			5.3%	

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Thank You