

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. Nattra
Phone: (913) 748-3987
Contractor: Name: McPherson Drilling
License: 5675

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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. _____

<u>2/16/2006</u>	<u>2/20/2006</u>	<u>3/7/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30939-00-00
County: Montgomery
E/2_W/2_NW_NE Sec. 21 Twp. 31 S. R. 16 East West
652 feet from S / N (circle one) Line of Section
2166 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Beurskens Well #: 2-21
Field Name: Neodesha
Producing Formation: Cherokee Coals
Elevation: Ground: 835 Kelly Bushing: _____
Total Depth: 1160 Plug Back Total Depth: 1150
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 1157
feet depth to Surface w/ 120 _____ sx cmt.
ALT II WITHIN 10-17-06

Drilling Fluid Management Plan
(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: [Signature]
Title: Agent Date: 6/29/06
Subscribed and sworn to before me this 29 day of June
20 [Signature]
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 Received
If Denied, Yes Date: 7/6/06
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Layne Energy Operating, LLC Lease Name: Beurskens Well #: 2-21
 Sec. 21 Twp. 31 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:	<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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>543</td> <td>292</td> </tr> <tr> <td>Excello Shale</td> <td>678</td> <td>157</td> </tr> <tr> <td>"V" Shale</td> <td>728</td> <td>107</td> </tr> <tr> <td>Mineral Coal</td> <td>764</td> <td>71</td> </tr> <tr> <td>Mississippian</td> <td>1,097</td> <td>-262</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	543	292	Excello Shale	678	157	"V" Shale	728	107	Mineral Coal	764	71	Mississippian	1,097	-262
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CASING RECORD <input 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	# Sacks Used	Type and Percent Additives
Surface	11	8.65	24	21	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1157	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>
	See Attached	Depth
		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> RECEIVED KANSAS CORPORATION COMMISSION JUL 05 2006 CONSERVATION DIVISION WICHITA, KS </div>

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	1111			
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
5/25/2006		<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	5	13		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<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:	Beurskens 2-21		
	Sec. 21 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-30939		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1070.5-1073		1070.5-1073
4	794.5-795.5, 764-766, 727.5-730.5	Scammon A, Mineral, Croweberg-3600# 20/40 sand, 1100 gal 15% HCl acid, 355 bbls wtr	727.5-1073
4	704.5-708, 677-683.5, 654-659, 393.5-395	Ironpost, Mulky, Summit, Laredo-7200# 20/40 sand, 2800gal 15% HCl acid, 557 bbls wtr	393.5-708

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MORNING COMPLETION REPORT

Report Called in by: : JES _____

Report taken by: KRD _____

LEASE NAME & #		AFE#	DATE	DAYS	CIBP DEPTH	PBTD TYPE FLUID
BEURSKENS 2-21		C01012100100	2/16/2006	1	TYPE	
PRESENT OPERATION:						WT
DRILL OUT FROM UNDER SURFACE						VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH		REPAIR DOWN TIME HRS		CONTRACTOR	
OD SHOE DEPTH	8 5/8" 24# J-55 --- Set 20'		TEST PERFS		RIG NO	
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	TO	SQUEEZED OR PLUG BACK PERFS	
				TO	TO	
				TO	TO	
				TO	TO	
				TO	TO	
HRS	BRIEF DESCRIPTION OF OPERATION					
	MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 21' 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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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280

DETAILS OF RENTALS, SERVICES, & MISC

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

DAILY TOTALS 2880 **PREVIOUS TCTD** 0 **TCTD** 2880

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 08355
 LOCATION Eureka
 FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-21-06	4758	Beurskens 2-21				MG
CUSTOMER <u>Layne Energy</u>			Gus Jones			
MAILING ADDRESS <u>P.O. Box 160</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY <u>Sycamore</u>			463	Alan		
STATE <u>Ks.</u>			479	Justin		
ZIP CODE			437	Scott		
			452/163	Jim		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1158' CASING SIZE & WEIGHT 4 1/2" 10.5# New
 CASING DEPTH 1157' DRILL PIPE _____ TUBING _____ OTHER PSTD 1150
 SLURRY WEIGHT 13.2# SLURRY VOL 38 Bbl WATER gal/sk 8° CEMENT LEFT in CASING 7'
 DISPLACEMENT 18.3 Bbl DISPLACEMENT PSI 500 MIX PSI 1000 PSI RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation + wash down 10' to T.D w/ 40 Bbl Fresh Water. Mixed 4sk Gel Flush, 5 Bbl spacer, 1sk Metasilicate Pre-Flush. 8 Bbl Dye water. Mixed 120sk Thick Set Cement w/ 10" Kol-Seal Perfor @ 13.2# Ppgal. Wash out pump + lines. Shut Down. Released Plug. Displaced w/ 18.3 Bbl Water. Final Pump Pressure 500 PSI. Bump Plug to 1000 PSI. Wait 2mins. Released Pressure. Float Held. Good Cement Returns to surface = 7 Bbl Slurry to Pit.
Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCTS	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
11264	120sk	Thick Set Cement	13.65	1638.00
1110A	24sk	Kol-Seal 10" Perfor	17.75	426.00
1118A	4sk	Gel-Flush	7.00	28.00
1111A	50#	Metasilicate Pre-Flush	1.65#	82.50
5407A	6.6 Tons	40 miles Bulk Truck	1.05	277.20
5501C	3hrs	Water Transport	98.00	294.00
5502C	3hrs	80 Bbl Vac Truck	90.00	270.00
1123	6000gal	City Water	12.80 Ppgal	76.80
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
5605A	4hrs	Welder	78.00	312.00
4311	1	4 1/2" Weldon Collar	58.00	58.00
		Sub Total		4428.50
		SALES TAX 5.3%		124.50
		ESTIMATED TOTAL		4553.00

AUTHORIZATION Called by John Ed TITLE _____ DATE _____

203104

GEOLOGIC REPORT

LAYNE ENERGY
Beurskens 2-21
NW NE, 652 FNL, 2166 FEL
Section 21-T31S-R16E
Montgomery County, KS

Spud Date: 2/16/2006
Drilling Completed: 2/20/2006
Logged: 2/20/2006
A.P.I. #: 15-125-30939
Ground Elevation: 835'
Depth Driller: 1160'
Depth Logger: 1164'
Surface Casing: 8.625 inches at 20'
Production Casing: 4.5 inches at 1157'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation

Kansas City Group
Pawnee Limestone
Excello Shale
"V" Shale
Mineral Coal
Mississippian

Tops (in feet below ground level)

Surface (Chanute Shale)
543
678
728
764
1,097

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