

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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KANSAS CORPORATION COMMISSION
Form ACO-1
September 1999
Form Must Be Typed
APR 05 2006

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE CONSERVATION DIVISION
WICHITA, KS

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

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>12/2/2005</u>	<u>12/5/2005</u>	<u>1/23/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30905 - 00-00
County: Montgomery
NE SE SW SE Sec. 4 Twp. 31 S. R. 17 East West
500 feet from N (circle one) Line of Section
1500 feet from W (circle one) Line of Section

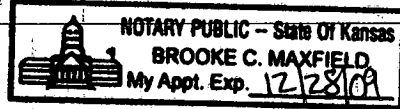
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Fogleman Well #: 15-4
Field Name: Coffeyville-Cherryvale
Producing Formation: Cherokee Coals
Elevation: Ground: 868' Kelly Bushing: _____
Total Depth: 1120' Plug Back Total Depth: 1117'
Amount of Surface Pipe 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 1117'
feet depth to Surface w/ 115 _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) **Alt II with B-20-07**
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: MBA
Title: Agent Date: 4/4/06
Subscribed and sworn to before me this 4th day of April
ae
Notary Public: Brooke C. Maxfield
Date Commission Expires: _____



KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Layne Energy Operating, LLC Lease Name: Fogleman Well #: 15-4
 Sec. 4 Twp. 31 S. R. 17 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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>481 GL</td> <td>387</td> </tr> <tr> <td>Excello Shale</td> <td>612 GL</td> <td>256</td> </tr> <tr> <td>V Shale</td> <td>670 GL</td> <td>198</td> </tr> <tr> <td>Mineral Coal</td> <td>710 GL</td> <td>158</td> </tr> <tr> <td>Mississippian</td> <td>1020 GL</td> <td>-152</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	481 GL	387	Excello Shale	612 GL	256	V Shale	670 GL	198	Mineral Coal	710 GL	158	Mississippian	1020 GL	-152
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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	# 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	1117'	Thick Set	115	

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	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> RECEIVED KANSAS CORPORATION COMMISSION APR 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"	1102'		
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
2/9/2006		<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	34	18	

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Fogleman 15-4		
	Sec. 4 Twp. 31S Rng. 17E, Montgomery County		
API:	15-125-30905		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	977-982, 773.5-775, 724.5-726, 709.5-711	Riverton, Tebo, Scammon A, Mineral-5100# 20/40 sand, 1800gal 15% HCl acid, 493 bbls wtr	709.5-982
4	670.5-673, 642.5-645, 611-617, 588-591.5	Croweberg, Ironpost, Mulky, Summit - 6500# 20/40 sand, 2400 gal 15% HCl, 459 bbls wtr	588-673

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GEOLOGIC REPORT

LAYNE ENERGY
Fogleman 15-4
SW¼, SE ¼, 500' FSL, 1,500' FEL
Section 4-T31S-R17E
MONTGOMERY COUNTY, KANSAS

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Drilled: December 2-5, 2005
Logged: December 5, 2005
A.P.I.# 15-125-30905
Ground Elevation: 868'
Depth Driller: 1,120'
Depth Logger: 1,118'
Surface Casing: 8 5/8" @ 20'
Production Casing: 4 1/2" @ 1,117'
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 (Cherryvale Formation)
Lenapah Lime	289
Altamont Lime	327
Weiser Sand	390
Pawnee Lime	481
Anna Shale	505
First Oswego Lime	554
Little Osage Shale	589
Excello Shale	612
Mulky Coal	616
Iron Post Coal	643
"V" Shale	670
Croweburg Coal	672
Mineral Coal	710
Scammon Coal	725
Tebo Coal	774
Weir Pitt Coal	850
Riverton Coal	977
Mississippian	1,020

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 20-431-9210 OR 800-467-8676

TICKET NUMBER 07986
 LOCATION EUREKA
 FOREMAN KEVIN MCCOY

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-6-05	8281058	Foglemin 15-9				MG
CUSTOMER <u>Layne Energy</u>		Gus Jones Rig 2	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>			445	Rick L.		
CITY <u>Sycamore</u>	STATE <u>Ks</u>		441	Justin		
ZIP CODE			434	Jim		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1120' CASING SIZE & WEIGHT 4 1/2 10.5# new
 CASING DEPTH 1117' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2 # SLURRY VOL 36 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 17.75 BBL DISPLACEMENT PSI 500 ~~max~~ PSI 1000 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 25 BBL fresh water. Pump 4 sks Gel Flush, 5 BBL water spacer, 10 BBL Metasilicate Pre Flush, 10 BBL Dye water. Mixed 115 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/ 17.75 BBL fresh water. Final Pumping Pressure 500 Psi. Bump Plug to 1000 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	800.00	800.00
5406	40	MILEAGE	3.15	126.00
1126 A	115 SKS	Thick Set Cement	13.65	1569.75
1110 A	23 SKS	KOL-SEAL 10 # per/sk	17.75	408.25
1118 A	4 SKS	Gel Flush	7.00	28.00
1111 A	50 #	Metasilicate Pre Flush	1.65 #	82.50
5407 A	6.32 Tons	40 miles Bulk Truck	1.05	265.44
5502 C	3 Hrs	80 BBL Vac Truck	90.00	270.00
1123	3000 gals	City water (Needasha)	12.80 ^{per 1000}	38.40
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
4311	1	4 1/2 weld on Collar	50.00	50.00
5605 A	4 Hrs	welder	78.00	312.00
			Sub Total	3990.34
			SALES TAX	117.50
			ESTIMATED TOTAL	4107.84

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Thank You
 201411

AUTHORIZATION Called By John Ed TITLE _____ DATE _____