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ORIGINAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED KANSAS CORPORATION COMMISSION Form ACO-1 September 1999 Form Must Be Typed APR 01 2009 3/31/09 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: Timothy H. Wright Phone: (913) 748-3960 Contractor: Name: Thornton Air Rotary License: 33606

Wellsite Geologist: Designate Type of Completion: [X] New Well [] Re-Entry [] Workover [] Oil [] SWD [] ROW [] Temp. Abd. [X] 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. 12/5/2008 Spud Date or Recompletion Date 12/9/2008 Date Reached TD 2/27/2009 Completion Date or Recompletion Date

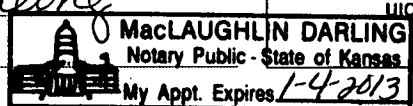
API No. 15 - 019-26955-00-00 County: Chautauqua SW SW NW Sec. 15 Twp. 32 S. R. 13 [X] East [] West 2281 feet from S / (N) (circle one) Line of Section 369 feet from E / (W) (circle one) Line of Section Footages Calculated from Nearest Outside Section Corner: (circle one) NE SE (NW) SW Lease Name: Imhoff Well #: 5-15 Field Name: Cherokee Basin Coal Area Producing Formation: Cherokee Coals Elevation: Ground: 899' Kelly Bushing: Total Depth: 1606' Plug Back Total Depth: 1582' Amount of Surface Pipe Set and Cemented at 42 Feet Multiple Stage Cementing Collar Used? [] Yes [X] No If yes, show depth set Feet If Alternate II completion, cement circulated from 1582 feet depth to Surface w/ 190 sx cmt.

Drilling Fluid Management Plan [Handwritten] (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: [Handwritten] Title: Project Engineer Date: 3/31/09 Subscribed and sworn to before me this 31 day of March 20 09. Notary Public: MacLaughlin Darling Date Commission Expires: 1-4-2013



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

MAR 31 2009

Side Two

Operator Name: Layne Energy Operating, LLC Lease Name: Imhoff Well #: 5-15
 Sec. 15 Twp. 32 S. R. 13 East West County: Chautauqua

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 border="0"> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>1093 GL</td> <td>-194</td> </tr> <tr> <td>Excello Shale</td> <td>1230 GL</td> <td>-331</td> </tr> <tr> <td>V-Shale</td> <td>1281 GL</td> <td>-382</td> </tr> <tr> <td>Mineral Coal</td> <td>1325 GL</td> <td>-426</td> </tr> <tr> <td>Mississippian</td> <td>1582 GL</td> <td>-683</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	1093 GL	-194	Excello Shale	1230 GL	-331	V-Shale	1281 GL	-382	Mineral Coal	1325 GL	-426	Mississippian	1582 GL	-683
Name	Top	Datum																	
Pawnee Lime	1093 GL	-194																	
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V-Shale	1281 GL	-382																	
Mineral Coal	1325 GL	-426																	
Mississippian	1582 GL	-683																	

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"	8.625"	24	42'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1582'	50/50 posmix	100	2% gel & 4 lbs KOL seal
					Thick Set	90	8 lbs KOL seal

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 Page	RECEIVED KANSAS CORPORATION COMMISSION APR 01 2009 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>1371'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>3/9/2009</u>		Producing Method <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. <u>0</u>	Gas Mcf <u>6</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Operator Name: Layne Energy Operating, LLC. #33365
 Lease Name: IMHOFF 5-15
 Lease Location: SW SW NW 15 - 32S - 13E CHAUTAUQUA, KS
 API: 15-019-26955-00-00

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Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
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Initial Perforations (December 2008)

4	Mineral 1325' - 1326.5'	150 HCl (15%) (gal) 202 Water (bbls) 2400 Sand (20/40) (lbs)	1325' - 1326.5'
4	Croweburg 1281.5' - 1284.5' Bevier 1261.5' - 1263'	550 HCl (15%) (gal) 396 Water (bbls) 6200 Sand (20/40) (lbs)	1261.5' - 1284.5'
4	Mulky Coal 1230' - 1236'	150 HCl (15%) (gal) 316 Water (bbls) 6700 Sand (20/40) (lbs)	1230' - 1236'
4	Summit 1207.5' - 1210'	100 HCl (15%) (gal) 209 Water (bbls) 3000 Sand (20/40) (lbs)	1207.5' - 1210'

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CONSERVATION DIVISION
 WICHITA, KS

Daily Well Work Report

IMHOFF 5-15
12/9/2008

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MAR 01 2009
1000

Well Location:
CHAUTAUQUA KS
32S-13E-15 SW SW NW
2281FNL / 369FWL

Cost Center G01049900100
Lease Number G010499
Property Code KSLE32S13E1505
API Number 15-019-26955

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
12/5/2008	12/9/2008				
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1606	1582	42	1582	0	0

Reported By KRD	Rig Number	Date 12/5/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor THORNTON

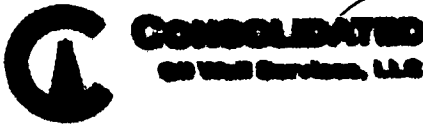
Narrative

MIRU THORNTON DRILLING, DRILLED 11" HOLE, 42' DEEP, RIH W/2 JT 8 5/8" SURFACE CASING, MIXED 8 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$3160

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CONSERVATION DIVISION
WICHITA, KS



ENTERED

TICKET NUMBER 20690
 LOCATION EUREKA
 FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-10-08	4259	Imhoff S-15				Cherokee
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			463	Shannon		
CITY			543 L	David		
STATE			502	Phillip		
ZIP CODE						

JOB TYPE Logging HOLE SIZE 6 7/8" HOLE DEPTH 1612' CASING SIZE & WEIGHT 4 1/2" 12.5"
 CASING DEPTH 1581' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 12.2 lbs/gal SLURRY VOL 53 Bbl WATER gal/sk 6'-8" CEMENT LEFT in CASING 0'
 DISPLACEMENT 25' Bbl DISPLACEMENT PSI 600 PSI 1100 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 30 Bbl fresh water. Wash down 25' to T.D. Pump 10 sacks gel-flush w/ bulls, 2 Bbl water spacer. Mixed 10 sacks 50/50 Benix cement w/ 270 sacoz, 270 gal, 4" Kol-seal, 3" col-seal, 1/2" phenoxal, 1/2" FL-110 + 1/2" CAF-3R @ 13.4 gal/yd. Tail in w/ 90 sacks thickset cement w/ 8" Kol-seal, 1/2" FL-110 + 1/2" CAF-3R @ 13.4 gal/yd. Washout pump + lines shut down, release plug. Displace w/ 25' Bbl fresh water. Final pump pressure 1000 PSI. Pump plug to 1100 PSI. Wait 2 mins. Release pressure, float held. Good cement returns to surface = 10 Bbl slurry to pit. Job complete Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	0	MILEAGE 2nd well of 2	n/c	0.00
1124	100 sacks	50/50 Benix cement	9.25	925.00
1102	170"	270 sacoz	.25	42.50
1118A	170"	270 gal	.17	28.90
1110A	400"	4" Kol-seal 10/yr	.42	168.00
1101	300"	3" col-seal 10/yr	.36	108.00
1109A	24"	1/2" phenoxal 10/yr (in all cement)	1.15	27.60
1135	100"	1/2" FL-110 (in all cement)	2.50	250.00
1146	50"	1/2" CAF-3R (in all cement)	2.20	110.00
1126A	90 sacks	thickset cement	17.00	1530.00
1109	220"	8" Kol-seal 10/yr	.82	180.40
1118A	500"	gel-flush	.17	85.00
1105	50"	bulls	.38	19.00
5407	9.15	600-mileage meters	n/c x2	180.00
4404	1	4 1/2" top rubber plug	45.00	45.00
			Subtotal	6106.90
			SALES TAX	305.38
			ESTIMATED TOTAL	6412.28

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 WICHITA, KS

Revin 3737

001981

AUTHORIZATION Called by Jacob

TITLE Co. Rep.

DATE _____

Conservation
APR 01 2009
199

GEOLOGIC REPORT

LAYNE ENERGY
Imhoff 5-15
SW SW NW, 2281 FNL, 369 FWL
Section 15-T32S-R13E
CHAUTAUQUA County, KS

Spud Date: 12/5/2008
Drilling Completed: 1/0/1900
Logged: 12/9/2008
A.P.I. #: 15019269550000
Ground Elevation: 899'
Depth Driller: 1612'
Depth Logger: 1607'
Surface Casing: 8.625 inches at 42'
Production Casing: 4.5 inches at 1582'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

Formation	Tops	
	(below ground)	(subsea)
Laton LS	Surface (Stranger)	899
Pawnee Limestone	1,093	-194
Excello Shale	1,230	-331
"V" Shale	1,281	-382
Mineral Coal	1,325	-426
Mississippian	1,582	-683

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