

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

Form ACO-1
September 1999
Form Must Be Typed

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 SLOW 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>7/1/2005</u>	<u>7/6/2005</u>	<u>7/20/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30751-00-00
County: Montgomery
SW SW SE Sec. 1 Twp. 31 S. R. 14 East West
400 feet from (S) N (circle one) Line of Section
2250 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Gorton Well #: 15-1
Field Name: Neodesha

Producing Formation: Cherokee Coals
Elevation: Ground: 945' Kelly Bushing: _____
Total Depth: 1507' Plug Back Total Depth: 1491'
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 1502'
feet depth to Surface w/ 150 sx cmt.

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

*ALT II with
12-13-07*

Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____
County: _____ Docket No.: _____

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WICHITA, KS**

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: MRS Natrass
Title: Agent Date: 10/12/05
Subscribed and sworn to before me this 12th day of October
20 05
Notary Public: Margaret Allen
Date Commission Expires: 10/14/2008

KCC Office Use ONLY

YES Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

MARGARET ALLEN
Notary Public - State of Kansas
My Appt. Expires _____

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Side Two

ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Gorton Well #: 15-1
Sec. 1 Twp. 31 S. R. 14 [X] 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 [] Yes [X] No
Samples Sent to Geological Survey [] Yes [X] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No
List All E. Logs Run:
Compensated Density Neutron
Dual Induction
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[X] Log Formation (Top), Depth and Datum [] Sample
Name Top Datum
Pawnee Lime 916 GL 29
Excello Shale 1046 GL -101
V Shale 1112 GL -167
Mineral Coal 1158 GL -213
Mississippian 1404 GL -459

CASING RECORD [X] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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
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TUBING RECORD
Size 2 3/8" Set At 1415' Packer At Liner Run [] Yes [X] No
Date of First, Resumerd Production, SWD or Enhr. 8/4/2005
Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours
Oil Bbls. 0 Gas Mcf 94 Water Bbls. 50 Gas-Oil Ratio Gravity

Disposition of Gas [] Vented [X] Sold [] Used on Lease
METHOD OF COMPLETION [] Open Hole [X] Perf. [] Dually Comp. [X] Commingled
[] Other (Specify)

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Gorton 15-1		
	Sec. 1 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30751		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1391.5-1392.5, 1352.5-1354, 1235-1239, 1214-1219	Riverton, Rowe, Weir, Tebo - 2,000 15% HCL Acid, 477 bbls Water, 5,600 # 20/40 Sand	1214-1392.5
4	1172.5-1173.5, 1158-1159.5 1112-1114.5, 1091.5-1093	Scammon A, Mineral, Croweberg, Bevier - 1,500 15% HCL Acid, 409 bbls Water, 4300 # 20/40 Sand	1091.5-1173.5
4	1046-1051, 1028.5-1031.5, 944.5-947, 914-915	Mulkey, Summit, Lexington, Mulberry - 1,900 15% HCL Acid, 464 bbls Water, 5,200 # 20/40 Sand	914-1051

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GEOLOGIC REPORT

LAYNE ENERGY

Gorton 15-1

SW ¼, SE ¼, 400' FSL, 2,250' FEL

Section 1-T31S-R14E

MONTGOMERY COUNTY, KANSAS

Drilled: July 1-6, 2005

Logged: July 7, 2005

A.P.I.# 15-125-30751

Ground Elevation: 945'

Depth Driller: 1,507'

Depth Logger: 1,504'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,503'

Cemented Job: Consolidated

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

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

Lansing Group Surface (Stoner Limestone Member)

Lenapah Lime 732

Altamont Lime 790

Mulberry Coal 914

Pawnee Lime 916

Anna Shale 944

First Oswego Lime 1,000

Little Osage Shale 1,029

Excello Shale 1,046

Mulky Coal 1,051

Iron Post Coal 1,091

"V" Shale 1,112

Croweburg Coal 1,114

Mineral Coal 1,158

Scammon Coal 1,173

Tebo Coal 1,218

Weir Pitt Coal 1,235

Bluejacket Coal 1,276

AW Coal 1,352

Riverton Coal 1,392

Mississippian 1,404

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MORNING COMPLETION REPORT

Report Called In by: JES

Report taken by: KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTB
GORTON 15-1		G01020600100	7/1/2005	1	DEPTH	TYPE FLUID
PRESENT OPERATION:		DRILL OUT FROM UNDER SURFACE			WT	VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MOKAT		
OD SHOE DEPTH	8 5/8" 24# J-55 -- Set 20'	TEST PERFS		RIG NO BILLY		
PACKER OR ANCHOR	FISHING TOOLS Od ID	TO		SQUEEZED OR PLUG BACK PERFS		
		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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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280
DAILY TOTALS	2880

MOKAT DRILLING @ 8.50/H	
MOKAT (CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

PREVIOUS TCTD _____ **TCTD** 2880

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TITLE NUMBER 5511
 LOCATION EUREKA
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-8-05	4758	Gorton 15-1				MG
CUSTOMER Layne Energy			Gus Jones			
MAILING ADDRESS P.O. Box 160						
CITY Sycamore	STATE KS	ZIP CODE				
TRUCK # DRIVER TRUCK # DRIVER						
			445	RICK		
			440	CALIN		
			437	LARRY		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1507' CASING SIZE & WEIGHT 4 1/2 10.5# New
 CASING DEPTH 1502' DRILL PIPE _____ TUBING _____ OTHER PBTD 1491'
 SLURRY WEIGHT 13.2# SLURRY VOL 47 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 11'
 DISPLACEMENT 23.75 BBL DISPLACEMENT PSI 700 MEX PSI 1200 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, 10 BBL water spacer, 10 BBL metasilicate pre flush, 15 BBL Dye water. Mixed 150 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/ 23.75 BBL fresh water. FINAL Pumping Pressure 700 PSI. Bump Plug to 1200 PSI. Wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 7 BBL Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL	
5401	<u>1</u>	PUMP CHARGE	765.00	765.00	
5406	<u>25</u>	MILEAGE	2.50	62.50	
1126A	<u>150 SKS</u>	Thick Set Cement	13.00	1950.00	
1110 A	<u>30 SKS</u>	KOL-SEAL 10# per/sk	16.90	507.00	
1118A	<u>4 sks 200#</u>	Gel flush	6.63	26.52	
1111 A	<u>50 #</u>	Metasilicate Pre Flush	1.55 #	77.50	
5407 A	<u>440 8.25 Tons</u>	25 miles BULK TRUCK	.92	189.75	
4404	<u>431 1</u>	4 1/2 Top Rubber Plug	38.00	38.00	
5502 C	<u>3 Hrs</u>	80 BBL VAC TRUCK	82.00	246.00	
1123	<u>3360 gals</u>	City water (Needesha)	12.20 ^{per 1000}	40.99	
5605A	<u>4 Hrs</u>	weider	75.00	300.00	
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				Sub total	4203.26
				SALES TAX	139.92
				ESTIMATED TOTAL	4343.18

AUTHORIZATION Called By John Ed TITLE _____ DATE _____
 #1997083