

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

KCC
OCT 03 2005

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

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WELL HISTORY - DESCRIPTION OF WELL & LEASE

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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: Victor H. Dyal
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)

CONSERVATION DIVISION
WICHITA, KS

If Workover/Re-entry: Old Well Info as follows:
Operator: _____

Well Name: _____
Original Comp. Date: _____ Original Total Depth: 1700'
 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. D-28518

<u>9/9/2005</u>	<u>9/13/2005</u>	<u>9/29/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30814 - 00-00
County: Montgomery
S/2 SE SE Sec. 1 Twp. 31 S. R. 14 East West
365 feet from N (circle one) Line of Section
442 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW

Lease Name: Gorton Well #: 16-1A SWD
Field Name: Cherokee Basin Coal Area
Producing Formation: _____
Elevation: Ground: 941' Kelly Bushing: _____
Total Depth: 1805' Plug Back Total Depth: Open Hole
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 1696
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ACT II WITH
12-12-07
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: [Signature]
Title: Agent Date: October 3, 2005
Subscribed and sworn to before me this 3rd day of October
20 05
Notary Public: [Signature]
Date Commission Expires: 10/14/2008

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
10-5-05 UIC Distribution KIA

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

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Side Two

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OCT 03 2005

Operator Name: Layne Energy Operating, LLC Lease Name: Gorton Well #: 16-1A SWD
Sec. 1 Twp. 31 S. R. 14 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Compensated Density Neutron Dual Induction & Cement Bond Log			

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	4.5"	Type 1 cement
Casing	6.75	4.5	10.5	1696	Thick Set	150	
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ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives. OCT 04 2005
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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
		Acidized Ar buckle w/ 1500g of 15% HCL Acid and 100bbls Fresh Water	1659-1805'

TUBING RECORD		Size <u>2 7/8"</u>	Set At <u>1659'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. SI-Waiting On Approval to Dispose			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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 _____

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ORIGINAL 5336

UNCONSOLIDATED OIL WELL SERVICES, INC.

OCT 03 2005

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TICKET NUMBER

5336

11 W. 14TH STREET, CHANUTE, KS 66720

LOCATION EUREKA

40-431-9210 OR 800-467-8676

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CONSERVATION DIVISION

FOREMAN KEVIN MCCOY

TREATMENT REPORT & FIELD TICKET

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-15-05	4758	Gorton 16-1A SWD	1	315	14E	MG
CUSTOMER Layne Energy		Gus Jones Rig 2	TRUCK #	DRIVER	TRUCK #	DRIVER
BILLING ADDRESS P.O. Box 160			445	Rick		
CITY Sycamore	STATE KS		441	Justin		
ZIP CODE			440	Calvin		
			452 763	JIM		

B TYPE Longstring	HOLE SIZE 7 7/8	HOLE DEPTH 1700'	CASING SIZE & WEIGHT 5 1/2 15.50 * NBW
CASING DEPTH 1696'	DRILL PIPE	TUBING	OTHER
CURRY WEIGHT 12.8-13.2	SLURRY VOL 74 BBL	WATER gal/sk 8.0	CEMENT LEFT in CASING 0'
DISPLACEMENT 40.4 BBL	DISPLACEMENT PSI 900	PSI 1300 Bump Plug RATE	

MARKS: Safety Meeting: Rig up to 5 1/2 Casing w/ wash Head. Break Circulation w/ 40 BBL fresh water. wash down 10' to Total casing depth of 1696'. Rig up to Cement. Pump 6 sks Gel flush. 10 BBL Metasilicate Pre Flush, 25 Dye water. Mixed 150 sks 60/40 Pozmix Cement w/ 6% GEL, 1/4" Flocele per/sk @ 12.8# per/gal yield 1.60. Tail in w/ 100 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/ 40.4 BBL fresh water. Final Pumping Pressure 900 psi. Bump Plug to 1300 psi. wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 20 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	25	MILEAGE	3.00	75.00
1131	150 SKS	60/40 Pozmix Cement	8.00	1200.00
118A	15 SKS	Gel 6% → lead Cement	6.63	99.45
1107	1 1/2 SKS	Flocele 1/4" per/sk	42.75	64.13
1126 A	100 SKS	Thick Set Cement → TAIL Cement	13.00	1300.00
1110 A	20 SKS	Kol-Seal 10" per/sk	16.90	338.00
1111 A	50 #	Metasilicate Pre Flush	1.55 #	77.50
1118 A	6 SKS	Gel Flush	6.63	39.78
5407 A	11.95 Tons	25 miles Bulk TRUCK	1.00	298.75
5501 C	4 HRS	water transport	93.00	372.00
123	5400 GALS	City water	12.20 per 1000	65.88
4406	1	5 1/2 Top Rubber Plug	43.00	43.00
5605 A	4 HRS	welder	75.00	300.00
			Sub total	5038.48
Thank you			SALES TAX 5.3%	171.07
199699			ESTIMATED TOTAL	5209.56

HORIZONTAL Called By John Ed TITLE DATE

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OCT 03 2005

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MORNING COMPLETION REPORT.

ORIGINAL

Report Called in by: JES

Report taken by: KR D

LEASE NAME & #		DATE	DAYS	CIBP DEPTH	PBTD TYPE FLUID
GORTON 16-1A SWD		9/09/05	1		
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MO	
OD SHOE DEPTH	6 5/8" 24# J-55 -- Set 45'	TEST PERFS		RIG NO BILLY	
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 MOKAT 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

MO DRILLING @ 6.50/R	
MO (CEMENT)	80
DIRTWORKS (LOC.RD. PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS 2880 PREVIOUS TCTD TCTD 2880