

KCC
NOV 08 2005
CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

CONFIDENTIAL

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 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.
7/12/2005 7/14/2005 8/16/2005
Spud Date or 7/14/2005 8/16/2005
Recompletion Date Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 205-26075 -00-00
County: Montgomery
W/2 SW NW Sec. 36 Twp. 30 S. R. 14 East West
2000 feet from S / (N) (circle one) Line of Section
330 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 #: 5-36
Field Name: Cherokee Basin Coal
Producing Formation: Cherokee Coals
Elevation: Ground: 912' Kelly Bushing:
Total Depth: 1470' Plug Back Total Depth: 1455'
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 1466'
feet depth to Surface w/ 150 sx cmt.
ALT 2 - Dg - 2/18/09

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: RECEIVED
KANSAS CORPORATION COMMISSION
Lease Name: License No. NOV 09 2005
Quarter Sec. Twp. S. R. East West
County: CONSERVATION DIVISION
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: November 8, 2005
Subscribed and sworn to before me this 8th day of November
20 05
Notary Public: Margaret Allen
Date Commission Expires: 10/14/2008

KCC Office Use ONLY
 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

X

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Side Two

KCC ORIGINAL
NOV 08 2005

Operator Name: Layne Energy Operating, LLC Lease Name: Gorton Well #: 5-36
Sec. 36 Twp. 30 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 Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

Compensated Density Neutron
Dual Induction

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Pawnee Lime	883 GL	29
Excello Shale	1004 GL	-92
V Shale	1073 GL	-161
Mineral Coal	1118 GL	-206
Mississippian	1374 GL	-462

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	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1466'	Thick Set	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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		

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CONSERVATION DIVISION
WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1398'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
SI - Waiting on production	<input type="checkbox"/> Flowing <input 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

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Gorton 5-36		
	Sec. 36 Twp. 30S Rng. 14E, Montgomery County		
API:	15-205-26075		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1361-1362, 1325.5-1328, 1215.5-1216.5, 1193-1196.5, 1117.5-1119	Riverton, Rowe, Bluejacket, Weir, Mineral - 1,900gal 15% HCL + 526 bbls water + 6,500# 20/40 Sand	1117.5-1362
4	1074-1076, 1054.5-1056, 1003.5-1008, 987-990, 880-881	Croweberg, Bevier, Mulkey, Summit, Mulberry - 2,100gal 15% HCL + 610 bbls water + 7,900# 20/40 Sand	880-1076

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WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Amended 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
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>7/12/2005</u>	<u>7/14/2005</u>	<u>8/16/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26075 0000
County: Montgomery
W/2 SW NW Sec. 36 Twp. 30 S. R. 14 East West
2000 feet from S / (circle one) Line of Section
330 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Gorton Well #: 5-36
Field Name: Cherokee Basin Coal
Producing Formation: Cherokee Coals
Elevation: Ground: 912' Kelly Bushing: _____
Total Depth: 1470' Plug Back Total Depth: 1455'
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 1466'
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
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License NGC 132005
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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WICHITA, KS

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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: MB Natrass
Title: Agent Date: December 12, 2005
Subscribed and sworn to before me this 12th day of December
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
 UIC Distribution
KCC
DEC 14 2005

MARGARET ALLEN
Notary Public - State of Kansas
My Appt. Expires 10/14/2008

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Side Two

ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Gorton Well #: 5-36
Sec. 36 Twp. 30 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
[X] Log Formation (Top), Depth and Datum [] Sample
Name Top Datum
Pawnee Lime 883 GL 29
Excello Shale 1004 GL -92
V Shale 1073 GL -161
Mineral Coal 1118 GL -206
Mississippian 1374 GL -462

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
See Attached
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WICHITA, KS

TUBING RECORD
Size Set At Packer At Liner Run [] Yes [X] No
2 3/8" 1398'
Date of First, Resumerd Production, SWD or Enhr. 12/6/2005
Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours Oil Bbls. 0 Gas Mcf 86 Water Bbls. 75 Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
[] Vented [X] Sold [] Used on Lease [] Open Hole [X] Perf. [] Dually Comp. [X] Commingled
(If vented, Submit ACO-18.) [] Other (Specify)

NOV 09 2005

MORNING COMPLETION REPORT

CONSERVATION DIVISION
WICHITA, KS

Report Called in by: JES

Report taken by: KR D

LEASE NAME & #	APEX	DATE	DAYS	CIBP DEPTH TYPE	PBTD TYPE FLUID
GORTON #6-36	G01020700100	7/12/2005	1		
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					VIS
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS	CONTRACTOR	MOKAT	
	8 5/8" 248 J-66 — Set 20'		RIG NO	BILLY	
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	TEST PERFS	SQUEEZED OR PLUG BACK PERFS
				TO	TO
				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.				

DAILY COST ANALYSIS

RIG	
SUPERVISION	200
RENTALS	
SERVICES	400
MISC	2280

DETAILS OF RENTALS, SERVICES, & MISC

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

DAILY TOTALS 2880 PREVIOUS TCTD TCTD 2880

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

TICKET NUMBER 5525
 LOCATION EUREKA
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-15-05	4758	GORTON 5-36				Worthen
CUSTOMER			Gus Jones			
MAYNE Energy						
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
P.O. Box 160			445	RICK		
CITY			442	ANTHONY		
STATE: KS			436	JASON		
ZIP CODE						
Sycamore						

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1470' CASING SIZE & WEIGHT 4 1/2 10.5# new
 CASING DEPTH 1466' DRILL PIPE _____ TUBING _____ OTHER PBTD 1455
 SLURRY WEIGHT 13.2# SLURRY VOL 47 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 11'
 DISPLACEMENT 23.1 BBL DISPLACEMENT PSI 700 MAX PSI 1200 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 35 BBL fresh water. Pump 4 SKS Gel flush, 10 BBL fresh 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/ 23.1 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	1	PUMP CHARGE	765.00	765.00
5406	25	MILEAGE	2.50	62.50
1126 A	150 SKS	Thick Set Cement	13.00	1950.00
1110 A	30 SKS	KOL-SEAL 10# per/sk	16.90	507.00
1118 A	4 SKS	Gel Flush	6.63	26.52
1111 A	50 #	Metasilicate Pre Flush	1.55#	77.50
5407 A	8.25 TONS	25 miles BULK TRUCK	.92	189.75
4404	1	4 1/2 Top Rubber Plug	38.00	38.00
5502 C	3 HRS	80 BBL VAC TRUCK	82.00	246.00
5605 A	4 HRS	welder	75.00	300.00
4311	1	4 1/2 weld on Collar	48.00	48.00
Sub total				4210.27
Thank you			6.3%	SALES TAX 264.09
				ESTIMATED TOTAL 4474.36

AUTHORIZATION Called By John Ed

TITLE 198422

DATE _____

NOV 09 2005

CONSERVATION DIVISION
WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY

Gorton 5-36

SW ¼, NW ¼, 2,000' FNL, 330' FWL

Section 36-T30S-R14E

WILSON COUNTY, KANSAS

Drilled: July 12-14, 2005

Logged: July 14, 2005

A.P.I.# 15-205-26075

Ground Elevation: 912'

Depth Driller: 1,470'

Depth Logger: 1,469'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,466'

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 (Stanton Limestone)

Lenapah Lime 703

Altamont Lime 746

Mulberry Coal 880

Pawnee Lime 883

Anna Shale 911

First Oswego Lime 960

Little Osage Shale 987

Excello Shale 1,004

Mulky Coal 1,008

Bevier Coal 1,055

"V" Shale 1,073

Croweburg Coal 1,076

Mineral Coal 1,118

Scammon Coal 1,131

Weir Pitt Coal 1,193

Bluejacket Coal 1,216

AW Coal 1,326

Riverton Coal 1,361

Mississippian 1,374