

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365 **KCC**

Name: Layne Energy Operating, LLC

Address: 1900 Shawnee Mission Parkway **NOV 17 2004**

City/State/Zip: Mission Woods, KS 66205 **CONFIDENTIAL**

Purchaser: _____

Operator Contact Person: Vic Dyal

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>July 22, 2004</u>	<u>August 2, 2004</u>	<u>October 4, 2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 125-30591 - 00 - 00

County: Montgomery

NE NW - Sec. 11 Twp. 32 S. R. 14 East West

659 feet from S / **(N)** (circle one) Line of Section

2002 feet from E / **(W)** (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Copenhaver Well #: 3-11

Field Name: Cherokee Basin Coal Gas

Producing Formation: Cherokee Coals

Elevation: Ground: 927 Kelly Bushing: _____

Total Depth: 1556 Plug Back Total Depth: 1550

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 1550
feet depth to Surface w/ 195 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *OT II KGR 2/22/08*

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.

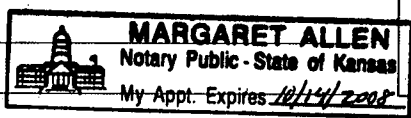
Signature: *Vic Dyal*

Title: Agent Date: Nov 17, 04

Subscribed and sworn to before me this 17th day of November, 20 04.

Notary Public: *Marg Allen*

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: Copenhaver Well #: 3-11
 Sec. 11 Twp. 32 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) 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 (Submit Copy) 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>925 GL</td> <td>2</td> </tr> <tr> <td>Excello Shale</td> <td>1081 GL</td> <td>-154</td> </tr> <tr> <td>V Shale</td> <td>1127 GL</td> <td>-200</td> </tr> <tr> <td>Mineral Coal</td> <td>1175 GL</td> <td>-248</td> </tr> <tr> <td>Mississippian</td> <td>1449 GL</td> <td>-522</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	925 GL	2	Excello Shale	1081 GL	-154	V Shale	1127 GL	-200	Mineral Coal	1175 GL	-248	Mississippian	1449 GL	-522
Name	Top	Datum																	
Pawnee Lime	925 GL	2																	
Excello Shale	1081 GL	-154																	
V Shale	1127 GL	-200																	
Mineral Coal	1175 GL	-248																	
Mississippian	1449 GL	-522																	

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	7 7/8	5.5	15.5	1556	Thick Set	195	

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	RECEIVED KANSAS CORPORATION COMMISSION NOV 18 2004 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	1443		

Date of First, Resumerd Production, SWD or Enhr. October 28, 2004	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		4.3	200		KCC

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	Production Interval NOV 17 2004 CONFIDENTIAL
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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Copenhaver 3-11		
	Sec. 11 Twp. 32S Rng. 14E, Montgomery County		
API:	15-125-30591		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1392-1394.5, 1341-1342.5, 1298-1300.5	Rowe, Unknown coal, Drywood: 950G 15% HCL Acid, 407bbls 1% KCL Water, 3622# 20/40 Sand, Balls	1298-1394.5
4	1253-1256, 1233-1234.5, 1217-1220	Sycamore Shale, Weir & Tebo: 600G 15% HCL Acid, 396 bbls 1% KCL Water, 3779# 20/40 Sand, Balls	1217-1256
4	1193-1195, 1175-1176.5, 1130-1132.5, 1105-1108.5	Scammon A, Mineral, Croweburg & Bevier: 800G 15% HCL Acid, 479 bbls 1% KCL Water, 4300# 20/40 Sand, Balls	1105-1195
	1079.5-1085, 1054.5-1058, 921-924	Mulky, Summit, Mulberry: 1600G 15% HCL Acid, 478 bbls 1% KCL Water, 4724# 20/40 Sand, Balls	921-1085

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MORNING COMPLETION REPORT

Report Called In by: JOHN ED

Report taken by:

KRD

LEASE NAME & #		AFEP#	DATE	DAYS	CIBP DEPTH TYPE	PBYD TYPE FLUID
COPENHAVER 3-11			7/22/04	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 RIG NO	
			TEST PERFS		SQUEEZED OR PLUG BACK PERFS	
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	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.					
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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280

DETAILS OF RENTALS, SERVICES, & MISC

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

DAILY TOTALS 2880 PREVIOUS TCTD TCTD 2880

CONSOLIDATED OIL WELL SERVICES 'C.
 211 W. 14TH STREET, CHANUTE, KS 66620
 620-431-9210 OR 800-467-8676

TICKET NUMBER 1421
 LOCATION Eureka
 FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-2-04	4758	Copenhaver 3-11				Montgomery
CUSTOMER Layne Energy			Gus Jones			
MAILING ADDRESS P.O. Box 160						
CITY Sycamore	STATE KS.	ZIP CODE				
TRUCK # DRIVER TRUCK # DRIVER						
			446 Rick			
			441 Anthony			
			437 Ed			

JOB TYPE Logging HOLE SIZE 7 7/8" HOLE DEPTH 1556' CASING SIZE & WEIGHT 5 1/2" - 15.5 lb.
 CASING DEPTH 1550' DRILL PIPE PBTD 1550' OTHER _____
 SLURRY WEIGHT 132 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0'
 DISPLACEMENT 36 3/4 Bbls. DISPLACEMENT PSI _____ MIX PSI _____ RATE 3 BPM

REMARKS: Safety Meeting: Rig up to 5 1/2" casing, break circulation with fresh water, circulate hole clean, Pump 5 Bbl. Metasilicate Pre flush followed with 25 Bbls Dye water. Mixed 195 sks Thick Set Cement with 10# P/SK of KOL-SEAL @ 13 1/2 lbs P/SK. Shutdown, washout pump & lines - Release Plug. Displace Plug with 36 3/4 Bbls water. Final pumping at 700 PSI - Bumped Plug to 1200 PSI - wait 2 min. Release Pressure - Float Held - close casing in with 0 PSI. Good cement Returns to Surface with 8 Bbl slurry. To complete - Tear down

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"Thank you"

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 WICHITA, KS

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	710.00	710.00
5406	25	MILEAGE	2.35	58.75
NOV 17 2004				
1126 A	195 SKS	Thick Set Cement	11.85	2310.75
1110 A	39 SKS	KOL-SEAL 10# P/SK	15.75	614.25
1111 A	50 lbs.	Metasilicate Pre flush	1.40 lb.	70.00
5502 C	5 Hrs.	80 Bbl VAC Truck	78.00	390.00
1123	3000 GAL.	City Water	11.50 P/SK	34.50
5605 A	4 Hrs.	Welder	70.00	280.00
4312	1	5 1/2" Weld on Collar	50.00	50.00
4406	1	5 1/2" Top Rubber Plug	40.00	40.00
5407 A	10.73 TON	25 miles Bulk Truck	.85	228.01
			5.3%	SALES TAX
				ESTIMATED TOTAL
				165.33
				4951.59

[Signature]

191929

TITLE _____ DATE _____