

ORIGINAL

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

CONFIDENTIAL

KCC

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser:  
Operator Contact Person: Jeff Mohajir  
Phone: (913) 748-3966  
Contractor: Name: Mokat Drilling  
License: 5831  
Wellsite Geologist: CONSERVATION DIVISION WICHITA, KS  
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.  
5/6/04 5/7/04 Wait On Completion  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-30509 - 0000  
County: Montgomery  
SE SW Sec. 20 Twp. 31 S. R. 17  East  West  
720 feet from (S) N (circle one) Line of Section  
2030 feet from E (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Harriman Well #: 14-20  
Field Name: Coffeyville-Cherryvale  
Producing Formation: Cherokee Coals  
Elevation: Ground: 822 Kelly Bushing:  
Total Depth: 1089 Plug Back Total Depth: 1077  
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 1086  
feet depth to Surface w/ 130 sx cmt.  
Drilling Fluid Management Plan ALT II W HM 2-12-07  
(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.:

AUG 31 2004

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RECEIVED

KANSAS CORPORATION COMMISSION

SEP 01 2004

CONSERVATION DIVISION WICHITA, KS

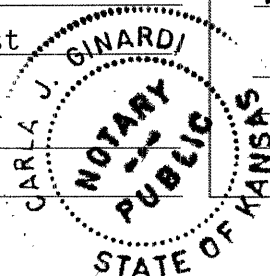
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: [Signature]  
Title: Agent Date: 8/31/04

Subscribed and sworn to before me this 31st day of August 20 04

Notary Public: [Signature]  
Date Commission Expires: May 21, 2005



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: Harriman Well #: 14-20  
 Sec. 20 Twp. 31 S. R. 17  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 <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:  <b>Compensated Density Neutron                  Dual Induction</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>441 GL</td> <td>381</td> </tr> <tr> <td>Excello Shale</td> <td>581 GL</td> <td>241</td> </tr> <tr> <td>Mulky Coal</td> <td>587 GL</td> <td>235</td> </tr> <tr> <td>V Shale</td> <td>636 GL</td> <td>186</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Pawnee Lime	441 GL	381	Excello Shale	581 GL	241	Mulky Coal	587 GL	235	V Shale	636 GL	186
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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 3/4"	4.5	10.5	1086	Thickset Cement	130	

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 <i>(Amount and Kind of Material Used)</i>	Depth
	<b>KCC</b> <b>AUG 31 2004</b> <b>CONFIDENTIAL</b>	<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b> <b>SEP 01 2004</b> <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>Shut-In: Waiting On Completion</b>			Producing Method		
			<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	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

MORNING COMPLETION REPORT

Report Called in by: : JOHN ED

Report taken by: Melissa T.

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD
HARRIMAN 14-20			5/05/04	1	DEPTH	TYPE FLUID
PRESENT OPERATION:		DRILL OUT FROM UNDER SURFACE			TYPE	WT
						VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR		
OD SHOE DEPTH	8 5/8" - 20' - 24# K-55			RIG NO		
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.					
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	CONSERVATION DIVISION					
	WICHITA, KS					

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280

DETAILS OF RENTALS, SERVICES, & MISC

MOKAT DRILLING @ 8.50/ft	
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, INC.

PO Box 103  
Eureka, Kansas 67045

Cementing Ticket  
and Invoice Number

No. 5501

KCC

Date 5-7-04	Customer Order No. 4758	Sect. 20	Twp. 31S	Range 17E	Truck Called Out	On Location	Job Began	Job Completed 1:30 pm	
Owner Layne Energy					Contractor Gus Jones		Charge To Layne Energy		
Mailing Address P.O. Box 160					City Sycamore		State KS		
Well No. & Form HARRISMAN #14-20		Place 97			County Montgomery		State KS		
Depth of Well 7889'	Depth of Job 1086'	Casing 4 1/2"	(New) Size 4 1/2"	Weight 10.5#	Size of Hole Amt. and Kind of Cement 130 SKS	Cement Left in casing by	Request Necessity 9'	feet	
Kind of Job Stagnating					Drillpipe F.B.T.D. 1077'		Rotary Cable AIR		Truck No. 445

Price Reference No. 5401  
Price of Job 675.00

Second Stage 5406  
Mileage 257 56.25

Other Charges

Total Charges 731.25

Remarks: Safety Meeting; Rig up to 4 1/2" casing. Break circulation w/ 30 bbl fresh water. Pump 5 BH Metasilicate pre flush, 5 bbl water spacer, 7 bbl dye water. Mixed 130 SKS Thick Set Cement w/ 10# Kol-Seal perisk @ 13.2 # per gal. wash out pump & lines. Shut down. Release Plug. Displace w/ 17' bbl fresh water. Final Pumping Pressure: 725 psi. Bump plug to 1400 psi. wait 2 minutes. Release Pressure. Final Hold. Shut casing in @ 0 psi. Good cement returns to surface = 10 bbl slurry. Job complete. Rig down.

Cementor: Kevin McCoy

Helper: Mike Justin, Jason Stave District: Eureka State: KS

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

Signature: *[Signature]* Agent of contractor or operator

AUG 31 2004

Thank You

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### Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
130 SKS	Thick Set Cement	11.30	1469.00
26 SKS	Kol-Seal	15.00	390.00
50 #	Metasilicate	1.35 #	67.50
3 1/2 Hrs	80 Bbl VAC TRUCK 436	75.00	262.50
3 1/2 Hrs	80 Bbl VAC TRUCK 437	75.00	262.50
2700 gal	City water	11.25	30.38
RECEIVED KANSAS CORPORATION COMMISSION			
1	4 1/2" weld on collar	45.00	45.00
4 Hrs	welder	65.00	260.00
1	4 1/2" Top Rubber Plug	35.00	35.00
SEP 01 2004 CONSERVATION DIVISION WICHITA, KS			
Plugs		7.15 TONS	Mileage 25
		Sub Total	3696.12
Delivered by Truck No. 441		Discount	
Delivered from Eureka		Sales Tax 5.3%	107.95
Signature of operator <i>[Signature]</i>		Total	3804.08

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