

KCC  
NOV 02 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

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  SIOW  TIEBACK  
 Gas  ENHR  SIGW  SIGW/ENHR  
 Dry  Other (Core, WSW, Expl., Cat, 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>7/27/2005</u>	<u>7/29/2005</u>	<u>8/5/2005</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 125-307<sup>50</sup>05-00-00  
 County: Montgomery  
NE SE NE Sec. 3 Twp. 31 S. R. 14  East  West  
1650 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: Zook Well #: 8-3  
 Field Name: Cherokee Basin Coal  
 Producing Formation: Cherokee Coals  
 Elevation: Ground: 908' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1488' Plug Back Total Depth: 1474'  
 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 1485'  
 feet depth to Surface w/ 155 sx cmt.  
 Drilling Fluid Management Plan At IWHG 12-08  
 (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.: \_\_\_\_\_

**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: MB Natrass  
 Title: Agent Date: 11/2/05  
 Subscribed and sworn to before me this 2<sup>nd</sup> day of November  
20<sup>05</sup>  
 Notary Public: Mr. AL  
 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 \_\_\_\_\_

CONFIDENTIAL

KCC Slide Two

NOV 02 2005

ORIGINAL

Operator Name: Layne Energy Operating, LLC

Lease Name: Zook

Well #: 8-3

Sec. 3 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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" 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	Pawnee Lime	885 GL	23
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	1015 GL	-107
List All E. Logs Run:		V Shale	1088 GL	-180
Compensated Density Neutron		Mineral Coal	1132 GL	-224
Dual Induction		Mississippian	1386 GL	-476

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	# Sacs Used	Type and Percent Additives
Surface	11	8.65	24	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1485'	Thick Set	155	

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 03 2005 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 3/8"	1367'			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
10/13/2005			<input type="checkbox"/> Flowing <input checked="" 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
	0		2		119		
Gravity							

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented  Sold  Used on Lease (If vented, Submit ACO-18.)     
  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
 Other (Specify) \_\_\_\_\_

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Zook 8-3		
	Sec. 3 Twp. 31S Rng. 14E, Montgomery County		
<b>API:</b>	15-125-30750		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1340-1342, 1237-1238, 1199.5-1201, 1131.5-1133	Rowe, Bluejacket, Weir, Mineral - 1,400 15% HCL Acid, 494 bbls Water, 4,400 # 20/40 Sand	1131.5-1342
4	1088.5-1090.5, 1069-1071.5, 1017.5-1021.5, 1001.5-1004, 883-884	Croweberg, Bevier, Mulkey, Summit, Mulberry - 1,800 15% HCL Acid, 586 bbls Water, 5,200 # 20/40 Sand	883-1090.5

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**NOV 03 2005**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

# GEOLOGIC REPORT

LAYNE ENERGY

Zook 8-3

SE ¼, NE ¼, 1,650' FNL, 330' FEL

Section 3-T31S-R14E

MONTGOMERY COUNTY, KANSAS

Drilled: July 27-29, 2005

Logged: July 29, 2005

A.P.I.# 15-125-30750

Ground Elevation: 908'

Depth Driller: 1,488'

Depth Logger: 1,487'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,485'

Cemented Job: Consolidated

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

<b>FORMATION.....</b>	<b>TOPS (in feet below ground surface)</b>
Lansing Group.....	Surface (South Bend Limestone Member)
Lenapah Lime.....	710
Altamont Lime.....	755
Mulberry Coal.....	883
Pawnee Lime.....	885
Anna Shale.....	920
First Oswego Lime.....	974
Little Osage Shale.....	1,001
Excello Shale.....	1,015
Mulky Coal.....	1,021
Bevier Coal.....	1,069
"V" Shale.....	1,088
Croweburg Coal.....	1,090
Mineral Coal.....	1,132
Scammon Coal.....	1,146
Tebo Coal.....	1,176
Weir Pitt Coal.....	1,199
Bluejacket Coal.....	1,237
AW Coal.....	1,340
Mississippian.....	1,386

RECEIVED  
KANSAS CORPORATION COMMISSION  
NOV 03 2005  
CONSERVATION DIVISION  
WICHITA, KS

**MORNING COMPLETION REPORT**

Report Called in by: : JES

Report taken by: KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD
ZOOK #8-3		G01020800100	7/27/2005	1	DEPTH	TYPE FLUID
PRESENT OPERATION:					TYPE	
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	SQUEEZED OR PLUG BACK PERFS		
				TO	TO	
				TO	TO	
				TO	TO	
				TO	TO	
<b>HRS</b>	<b>BRIEF DESCRIPTION OF OPERATION</b>					
	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.					

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**NOV 03 2005**  
 CONSERVATION DIVISION  
 WICHITA, KS

**DAILY COST ANALYSIS**

RIG	_____
SUPERVISION	<u>200</u>
RENTALS	_____
SERVICES	<u>400</u>
MISC	<u>2280</u>

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 SERVICES C.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

NET NUMBER 5111  
 LOCATION Farka  
 FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
7-29-05	4158	Steele 8-3				Montgomery	
CUSTOMER Layne Energy			Gas Jones				
MAILING ADDRESS P.O. Box 160							
CITY Sycamore	STATE Ks.	ZIP CODE					
TRUCK #		DRIVER		TRUCK #		DRIVER	
446		Scott					
441		Larry					
452-763		Jim					

JOB TYPE Logstring HOLE SIZE 6 3/4" HOLE DEPTH 1488' CASING SIZE & WEIGHT 4 1/2" - 10.5 lb.  
 CASING DEPTH 1485' DRILL PIPE PBTD 1474' OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2 lb. SLURRY VOL 49 Bbl. WATER gal/sk 8.0 CEMENT LEFT in CASING 11'  
 DISPLACEMENT 23 1/2 Bbl. DISPLACEMENT PSI 550 ~~PSI 1000 Landed Plug~~ RATE 4 BPM - 2 BPM

REMARKS: Safety Meeting: Rig up to 4 1/2" casing, Break circulation with 30 Bbls water. Pumped 10 Bbls Gel Flush followed with 15 Bbls water, 10 Bbl. Metasilicate Preflush, 10 Bbl. Dye water, Mixed 155 SKs. Thick Set cement w/ 10\* P/SK of KOL-SEAL mixed at 13.2 lb P/Gal.  
Shut down - wash out pump & lines - Release Plug - Displace Plug with 23 1/2 Bbls water  
Final pumping at 550 PSI - Pumped Plug to 1000 PSI - wait 2 minutes - Release Pressure  
Float Held - close casing in with 0 PSI  
Good cement returns to Surface with 11 Bbl slurry  
Notes: Cement Fell back, coming around to Surface behind Surface Pipe  
Job complete - Fear down  
"Thank you"

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	155 SKs.	Thick Set cement	13.00	2015.00
1110 A	30 SKs.	KOL-SEAL 10* P/SK	16.90	507.00
1111 A	50 lbs.	Metasilicate - Preflush	1.55/lb	77.50
1118 A	4 SKs.	Gel Flush Ahead	6.63	26.52
5407 A	441 8.53 Ton	25 miles - Bulk Truck	.92	196.19
5501 C	5 Hrs.	Water Transport	88.00	440.00
1123	5500 GAl.	City water	12.20	67.10
5605 A	4 Hrs.	Welder	75.00	300.00
4311	1	4 1/2" Weld on Collar	48.00	48.00
4404	1	4 1/2" Top Rubber Plug	38.00	38.00
			5.3%	SALES TAX
				ESTIMATED TOTAL
				147.20
				4690.10

AUTHORIZATION Called by John Ed TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 198697