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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 **KCC**

Name: Layne Energy Operating, LLC **DEC 01 2004**

Address: 1900 Shawnee Mission Parkway

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

Purchaser: _____

Operator Contact Person: Victor H. Dyal

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. _____

August 2, 2004 August 3, 2004 8.5.04

Spud Date or August 2, 2004 Date Reached TD August 3, 2004 Completion Date or 8.5.04 Recompletion Date

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API No. 15 - 125-30542 - 00 - 00

County: Montgomery

E/2 SW SW Sec. 4 Twp. 33 S. R. 16 East West

590 feet from (S) N (circle one) Line of Section

1070 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Schmidt Well #: 13-4A

Field Name: Jefferson-Sycamore

Producing Formation: Cherokee Coals

Elevation: Ground: 847 Kelly Bushing: _____

Total Depth: 1276 Plug Back Total Depth: 1255

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 1265

feet depth to Surface w/ 165 _____ sx cmt.

ALT II WITH 11-29-06

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 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.

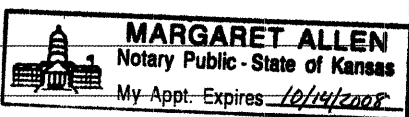
Signature: Victor H. Dyal

Title: Agent Date: Dec 1, 2004

Subscribed and sworn to before me this 1st day of December, 2004.

Notary Public: Margaret 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: Schmidt Well #: 13-4A
 Sec. 4 Twp. 33 S. R. 16 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

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<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	583 GL	264
Excello Shale	748 GL	99
V Shale	798 GL	49
Mineral Coal	840 GL	7
Mississippian	1174 GL	-327

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	7 7/8	5.5	15.5	1265	Thick Set	165	

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

Production Interval Other (Specify) _____

GEOLOGIC REPORT

LAYNE ENERGY
Schmidt 13-4A
SW ¼ , SW ¼, 823' FSL, 536' FWL
Section 4-T33S-R16E
MONTGOMERY COUNTY, KANSAS

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Drilled: August 2-3, 2004
Logged: August 4, 2004
A.P.I.# 15-125-30542
Ground Elevation: 847'
Depth Driller: 1,276'
Depth Logger: 1,278'
Surface Casing: 8 5/8" @ 20'
Production Casing: 5 1/2" @ 1,278'
Cemented Job: Consolidated
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

FORMATION TOPS (in feet below ground surface)

FORMATION	TOPS (in feet below ground surface)
.....	Surface
Lenapah Lime	344
Altamont Lime.....	424
Weiser Sand.....	482
Pawnee Lime	583
Anna Shale.....	614
Lexington Coal	621
Peru Sandstone	630
First Oswego Lime	677
Little Osage Shale.....	718
Excello Shale	748
Mulky Coal	751
Iron Post Coal	772
"V" Shale.....	798
Croweburg Coal.....	800
Fleming Coal	807
Mineral Coal	840
Weir Pitt Coal	924
Bartlesville Sand.....	974
Bluejacket Coal.....	1,006
AW Coal.....	1,101
Riverton Coal.....	1,159
Mississippian	1,174

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

TICKET NUMBER 1423
 LOCATION Eureka
 FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
8-9-04	4755	Schmidt 13-4A				Montgomery	
CUSTOMER Layne Energy			KCC				
MAILING ADDRESS P.O. Box 160			DEC 01 2004				
CITY Succinate			CONFIDENTIAL				
STATE KS		ZIP CODE		TRUCK #	DRIVER	TRUCK #	DRIVER
				444	Alan		
				441	Justin		

JOB TYPE Longstring HOLE SIZE 7 7/8" HOLE DEPTH 1276' CASING SIZE & WEIGHT 5 1/2" - 15.5 lb.
 CASING DEPTH 1265' DRILL PIPE _____ TUBING R8T0 - 1255' OTHER _____
 SLURRY WEIGHT 132 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 10'
 DISPLACEMENT 29.8 Bbls. DISPLACEMENT PSI _____ MIX PSI _____ RATE 3 BPM

REMARKS: Safety Meeting: Required 5 1/2" casing, break circulation with fresh water. Circulate hole clean.
Pump 5 Bbl. Metasilicate Preflush, followed with 20 Bbl. Dry water. Mixed 165 sks Thick Set cement
with 10" P/SK of KOL-SEAL or 13 1/2 lbs P/SK. Shut down washout pump + line - Release Plug
Displace Plug with 29 3/4 Bbl water. Final running @ 600 PSI Bumped Plug To 1100 PSI
Release Pressure. Float Held - Close casing in with 0 PSI
Good cement returns to surface with 10 Bbl. Slurry
Job Complete - Teardown

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Thank you

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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
1126A	165 SKS	Thick Set Cement	11.85	1955.25
1110A	33 SKS	KOL-SEAL 10" P/SK	15.75	519.75
1111A	50 lbs	Metasilicate Preflush	1.40 lb.	70.00
5605A	4 Hrs	Welder	70.00	280.00
4203	1	5 1/2" Guide Shoe	102.00	102.00
4223	1	5 1/2" Insvt Flange Valve	145.00	145.00
4406	1	5 1/2" Top Rubber Plug	40.00	40.00
5407A	9.08 Ton	25 miles - Bulk Truck	.85	192.95
			5.3%	SALES TAX
				ESTIMATED TOTAL
				4223.80

AUTHORIZATION _____

TITLE _____

191939

DATE _____

MORNING COMPLETION REPORT

Report Called In by: TW

Report taken by:

KRD

LEASE NAME & #	AFE#	DATE	DAYS	CIBP DEPTH	PSTD TYPE FLUID
SCHMIDT 13-4A		8/02/04	1	TYPE	
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		
		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	100
RENTALS	
SERVICES	400
MISC	2280

DETAILS OF RENTALS, SERVICES, & MISC	
MOKAT DRILLING @ 6.50/ft	
MOKAT (CEMENT)	80
DIRTWORKS (LOC.RD. PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS 2780 PREVIOUS TCTD TCTD 2780