

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

CONFIDENTIAL

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 **KCC**
 Phone: (913) 748-3987
 Contractor: Name: Thorton Air **OCT 13 2005**
 License: 5675 33406 **CONFIDENTIAL**
 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. _____
 6/17/2005 6/20/2005
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 205-26096 - 00 - 00
 County: Montgomery
 W/2 NE SW NW Sec. 21 Twp. 30 S. R. 16 East West
1650 feet from S / (circle one) Line of Section
819 feet from E / (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Irvine AX&P Well #: 5-21
 Field Name: Neodesha
 Producing Formation: Cherokee Coals
 Elevation: Ground: 809' Kelly Bushing: _____
 Total Depth: 1177' Plug Back Total Depth: 1163'
 Amount of Surface Pipe Set and Cemented at 40' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1174'
 feet depth to Surface w/ 130 sx cmt.
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit) ALT II WITH
 Chloride content N/A ppm Fluid volume _____ bbls
 Dewatering method used N/A - Air Drilled
 Location of fluid disposal if hauled offsite: **RECEIVED**
KANSAS CORPORATION COMMISSION
 Operator Name: _____ **OCT 14 2005**
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. **CONSERVATION DIVISION**
 County: _____ Docket No.: **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: MB Natrass
 Title: Agent Date: 10/13/05
 Subscribed and sworn to before me this 13 day of October,
 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

MARGARET ALLEN
 Notary Public - State of Kansas
 My Appt. Expires _____

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Irvine AX&P Well #: 5-21
Sec. 21 Twp. 30 S. R. 16 [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 (Attach Additional Sheets)

Samples Sent to Geological Survey [] Yes [x] No

Cores Taken [] Yes [x] No

Electric Log Run [x] Yes [] No (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron Dual Induction

KCC OCT 13 2005 CONFIDENTIAL

Table with 3 columns: Name, Formation (Top), Depth and Datum, Sample. Rows include Pawnee Lime, Excello Shale, V Shale, Mineral Coal, and Mississippian.

CASING RECORD table with columns: 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. Includes Surface and Casing rows.

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 table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth. Includes a RECEIVED stamp from KANSAS CORPORATION COMMISSION dated OCT 14 2005.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run [] Yes [x] No

Date of First, Resumerd Production, SWD or Enhr. Si - Waiting on completion Producing Method [] Flowing [] Pumping [] Gas Lift [] Other (Explain)

Estimated Production Per 24 Hours table with columns: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval [] Vented [] Sold [] Used on Lease [] Open Hole [] Perf. [] Dually Comp. [] Commingled [] Other (Specify)

GEOLOGIC REPORT

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OCT 14 2005
CONSERVATION DIVISION
WICHITA, KS

LAYNE ENERGY
AX&P 5-21
SW ¼, NW ¼, 1,650' FNL, 819' FWL
Section 21-T30S-R16E
WILSON COUNTY, KANSAS

Drilled: June 17-20, 2005
Logged: June 21, 2005
A.P.I.# 15-205-26096
Ground Elevation: 809'
Depth Driller: 1,152'
Depth Logger: 1,177'
Surface Casing: 8 5/8" @ 40'
Production Casing: 4 1/2" @ 1,174'
Cemented Job: Bluestar
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

FORMATION.....	TOPS (in feet below ground surface)
Kansas City Group.....	Surface (Iola Limestone)
Lenapah Lime	369
Altamont Lime.....	405
Pawnee Lime	539
Anna Shale.....	573
First Oswego Lime	624
Little Osage Shale.....	651
Excello Shale	668
Mulky Coal	672
Iron Post Coal	709
"V" Shale.....	729
Croweburg Coal.....	730
Mineral Coal	767
Weir Pitt Coal	829
Bluejacket Coal.....	890
Drywood Coal.....	916
Riverton Coal.....	1,065
Mississippian	1,082

MORNING COMPLETION REPORT

Report Called in by: John Ed

Report taken by:

KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBYD	
IRVINE AX&P #5-21			6/17/05	1	DEPTH	TYPE FLUID	
PRESENT OPERATION:		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-65 - Set 39'	TEST PERFS		RKS NO			
PACKER OR ANCHOR	FISHING TOOLS OD ID	TO		SQUEEZED OR PLUG BACK PERFS			
		TO		TO			
		TO		TO			
		TO		TO			
		TO		TO			
HRS	BRIEF DESCRIPTION OF OPERATION						
	MIRU MOKAT DRILLING, DRILLED 11" HOLE, 40' DEEP, RH W/ 2 JT 8 5/8" SURFACE CASING.						
	BREAK CIRCULATION W/ 15 BBL FRESH WATER MIXED 80 SXS REGULAR CEMENT W/ 3% Caclz						
	1/3# FLOCELE PER/ SK @ 15# PER/ GAL YIELD 1.18 DISPLACE W/ 1.75 BBL FRESH WATER, SHUT CASING						
	IN, GOOD CEMENT RETURNS TO SURFACE						

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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	2118
MISC	2280
DAILY TOTALS	4598

DETAILS OF RENTALS, SERVICES, & MISC

MOKAT DRILLING @ 8.50/hr	
CONSOLIDATED	1718
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	400
LAND/ LEGAL	2000

PREVIOUS TCTD _____ TCTD 4598

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

TIC T NUMBER 5410
 LOCATION Furka
 FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
6-22-05	4758	Trivine AXP 5-21				Wilson																
CUSTOMER Layne Energy			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>446</td> <td>Scott</td> <td></td> <td></td> </tr> <tr> <td>442</td> <td>Anthony</td> <td></td> <td></td> </tr> <tr> <td>436</td> <td>Jason</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	446	Scott			442	Anthony			436	Jason		
TRUCK #	DRIVER	TRUCK #					DRIVER															
446	Scott																					
442	Anthony																					
436	Jason																					
MAILING ADDRESS P.O. Box 160																						
CITY Sycamore																						
STATE KS		ZIP CODE																				

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1177' CASING SIZE & WEIGHT 4 1/2" - 10.5 lb
 CASING DEPTH 1174' DRILL PIPE _____ TUBING PBTD 1 1/2" OTHER _____
 SLURRY WEIGHT 13.2 SLURRY VOL 41 Bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 11'
 DISPLACEMENT 18 1/2 Bbls DISPLACEMENT PSI 500 ~~MAX~~ PSI 900 Landed Plug RATE 4BPM - 2BPM

REMARKS: Safety Meeting: Rig up to 4 1/2" casing, Pumped 30 Bbls water Ahead.
 Pumped 10 Bbl Metasilicate, followed with 10 Bbl water spacer.
 Mixed 130 sks Thick set cement w/ 10" P 1/2 of KOI-SEAL at 13.2 lb P 1/2 sk. Shutdown - washout pump sks
 Release Plug - Displace Plug with 18 1/2 Bbls water. Final pumping at 500 PSI - Pumped Plug to 900 PSI
 Release Pressure - Float Aired - close casing in with 0 PSI
 Good cement returned to surface with 8 Bbl Slurry
 Job complete - Tool down

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 OCT 14 2005

Thank you

CONSERVATION DIVISION
 WICHITA, KS

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
1126A	130 SKS	Thick Set cement	13.00	1690.00
1110 A	26 SKS	KOI-SEAL 10" P 1/2 SK	16.90	439.40
1111 A	50 lbs	Metasilicate Pie flush	1.55 lb	77.50
5407 A	7.15 Tons	25 miles - Bulk Truck	.92	164.45
5502 C	4 Hrs	80 Bbl. VAC Truck	82.00	328.00
1123	3000 GAL	City Water	12.20	36.60
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
			SALES TAX	146.72
			ESTIMATED TOTAL	4096.20

AUTHORIZATION Called by John Ed TITLE _____ DATE _____