

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: McPherson Drilling
License: 5675
Wellsite Geologist: _____

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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: _____

KCC
DEC 27 2005

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>9/2/2005</u>	<u>9/8/2005</u>	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30838-00-00
County: Montgomery
SE SE SE Sec. 32 Twp. 33 S. R. 16 East West
330 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: Elias Well #: 16-32
Field Name: Coffeyville - Cherryvale
Producing Formation: Cherokee Coals
Elevation: Ground: 826 Kelly Bushing: _____
Total Depth: 1262 Plug Back Total Depth: 1248
Amount of Surface Pipe Set and Cemented at 63 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1257
feet depth to Surface w/ 130 sx cmt.

Drilling Fluid Management Plan Att II WHM 12-27-07
(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.: _____

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: 12/22/2005
Subscribed and sworn to before me this 22nd day of December
20 05
Notary Public: [Signature]
Date Commission Expires: 10/14/2008

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

KCC Office Use ONLY

YES Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

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Side Two

ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Elias Well #: 16-32
Sec. 32 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 (Attach Additional Sheets) Samples Sent to Geological Survey Cores Taken Electric Log Run (Submit Copy) List All E. Logs Run: Compensated Density Neutron Dual Induction
Log Formation (Top), Depth and Datum Sample
Name Top Datum
Pawnee Lime 541 GL 285
Excello Shale 713 GL 113
V Shale 766 GL 60
Mineral Coal 820 GL 6
Mississippian 1164 GL -338

CASING RECORD New Used
Report all strings set-conductor, surface, intermediate, production, etc.
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

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 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 Yes No

Date of First, Resumerd Production, SWD or Enhr. Producing Method Flowing Pumping Gas Lift 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
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify)

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MORNING COMPLETION REPORT

Report Called in by: JES

Report taken by: KR D

LEASE NAME & #		AFE#	DATE	DAYS	GIBP DEPTH	PBYD TYPE FLUID
ELIAS 16-32			8/02/05	1	TYPE	WT
PRESENT OPERATION:						VIS
DRILL OUT FROM UNDER SURFACE						
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS			CONTRACTOR MOKAT	
OD SHOE DEPTH	8 5/8" 24# J-55 - Ser 207	TEST PERFS			RIG NO BILLY	
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, 63' DEEP. RIH W/ 3 JT 8 5/8" SURFACE CASING.					
	MIXED 12 6X6 TYPE 1 CEMENT, DUMPED ON THE BACKSIDE, SDFN.					
	2 jts from Western Drill?					
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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	_____
MISC	3240
DAILY TOTALS	3440

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DETAILS OF RENTALS, SERVICES, & MISC	
MOKAT DRILLING @ 6.50/R	
MOKAT (CEMENT)	240
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	600
LAND/ LEGAL	2000

DAILY TOTALS 3440 PREVIOUS TCTD 0 TCTD 3440

CONSOLIDATED OIL WELL SERVICES, INC.
 11 W. 14TH STREET, CHANUTE, KS 66720
 20-431-9210 OR 800-467-8676

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TICKET NUMBER 5354

LOCATION Fureka

FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
7-12-05	4158	Elias 1632				Montgomery	
CUSTOMER <u>Layne Energy</u>		Gus Jones		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>				<u>446</u>	<u>Scott</u>		
CITY <u>Sycamore</u>		STATE <u>Ks.</u>	ZIP CODE	<u>442</u>	<u>Calin</u>		

WELL TYPE Leasing HOLE SIZE 6 3/4" HOLE DEPTH 1262' CASING SIZE & WEIGHT 4 1/2" - 10.5 lb
 Casing Depth 1257' DRILL PIPE PBTD 1248' OTHER _____
 CURRY WEIGHT 13-2 lb SLURRY VOL 41 Bbl. WATER gal/sk 8.0 CEMENT LEFT in CASING 9'
 DISPLACEMENT 19 3/4 Bbls. DISPLACEMENT PSI 800 PSI 1200 Land Plug RATE 4 BPM - 2 BPM
 MARKS: Safety Meeting: Rig up to 4 1/2" casing, Break circulation with 25 Bbls water.
Pumped 10 Bbl Gel Flush, 15 Bbl water spacer, 10 Bbl Metasilicate, 10 Bbl Dyna water.
Mixed 130 sks Thick Set cement / 10* P/SK of KOI-SEAL or 13-2 lb P/SK.
Shut down - wash out pump & lines - Release Plug - Displace Plug with 19 3/4 Bbls water.
Final pumping at 800 PSI - Bumped Plug to 1200 PSI - wait 2 minutes - Release Pressure
Float Held - close casing in with 0 PSI
Good cement returns to surface with 9 Bbl slurry
Job complete - Tee down

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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	765.00	765.00
5406	25	MILEAGE	2.50	62.50
1126 A	130 SKS.	Thick Set cement	13.00	1690.00
1110 A	26 SKS.	KOI-SEAL 10* P/SK	16.90	439.40
1111 A	50 lbs.	Metasilicate	1.55 lb	77.50
1118 A	4 SKS.	Gel Flush	6.63	26.52
5407 A	7.15 Ton	25 miles - Bulk Truck	.92	164.45
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
			5.32	122.93
			SALES TAX	
			ESTIMATED TOTAL	3734.30

THORIZATION Called by John Ed.

TITLE

DATE

199619

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GEOLOGIC REPORT

LAYNE ENERGY

Elias 16-32

SE ¼, SE ¼, 330' FSL, 330' FEL

Section 32-T33S-R16E

MONTGOMERY COUNTY, KANSAS

Drilled: September 2-8, 2005

Logged: September 8, 2005

A.P.I.# 15-125-30838

Ground Elevation: 826'

Depth Driller: 1,262'

Depth Logger: 1,264'

Surface Casing: 8 5/8" @ 63'

Production Casing: 4 1/2" @ 1,257'

Cemented Job: Consolidated

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

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FORMATION.....TOPS (in feet below ground surface)

Kansas City Group.....Surface (Nellie Bly Formation)

Lenapah Lime321

Altamont Lime.....375

Pawnee Lime541

Anna Shale.....560

First Oswego Lime647

Little Osage Shale.....679

Excello Shale713

Iron Post Coal741

Bevier Coal756

"V" Shale766

Croweburg Coal.....770

Mineral Coal820

Weir Pitt Coal907

Bluejacket Coal.....964

Rowe Coal988

AW Coal1,092

Riverton Coal.....1,154

Mississippian1,164