

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
Phone: (913) 748-3987
Contractor: Name: MOKAT Drilling
License: 5831

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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 - 205-26097-DD-DD
County: Montgomery
SW Sec. 29 Twp. 30 S. R. 16 East West
1200 feet from (S) N (circle one) Line of Section
1200 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Tucker AX&P Well #: 13-29
Field Name: Neodesha
Producing Formation: Cherokee Coals
Elevation: Ground: 789' Kelly Bushing: _____
Total Depth: 1177' Plug Back Total Depth: 1146'
Amount of Surface Pipe Set and Cemented at 44' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1157'
feet depth to Surface w/ 130 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ALT II with 12-13-07*
Chloride content N/A ppm Fluid volume _____ bbls
Dewatering method used N/A - Air Drilled

Location of fluid disposal if hauled offsite:
Operator Name: _____ **RECEIVED**
Lease Name: _____ **KANSAS CORPORATION COMMISSION**
License No.: _____ **OCT 14 2005**
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ **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: MR Natrass
Title: Agent Date: 10/13/05
Subscribed and sworn to before me this 13th 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 _____

Operator Name: Layne Energy Operating, LLC

Lease Name: Tucker AX&P

Well #: 13-29

Sec. 29 Twp. 30 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 <i>(Attach Additional Sheets)</i>	<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	521 GL	268
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	657 GL	132
List All E. Logs Run:		V Shale	713 GL	76
Compensated Density Neutron		Mineral Coal	750 GL	39
Dual Induction		Mississippian	1074 GL	-285

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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	# Sacs Used	Type and Percent Additives
Surface	11	8.65	24	44'	Class A	75	Type 1 cement
Casing	6.75	4.5	10.5	1157'	Thick Set	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 (Amount and Kind of Material Used)	Depth
	SI-Waiting on Completion		
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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 METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, Submit ACO-18.) Other (Specify) _____

GEOLOGIC REPORT

LAYNE ENERGY
Tucker AX&P 13-29
SE ¼, SE ¼, 1,200' FSL, 1,200' FWL
Section 29-T30S-R16E
WILSON COUNTY, KANSAS

Drilled: June 17, 2005
Logged: June 21, 2005
A.P.I.# 15-205-26097
Ground Elevation: 789'
Depth Driller: 1,163'
Depth Logger: 1,166'
Surface Casing: 8 5/8" @ 44'
Production Casing: 4 1/2" @ 1,157'
Cemented Job: Bluestar
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

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FORMATION	TOPS (in feet below ground surface)
Quaternary Alluvium	Surface
Lenapah Lime	347
Altamont Lime	399
Pawnee Lime	521
Anna Shale	559
First Oswego Lime	611
Little Osage Shale	639
Excello Shale	657
Mulky Coal	661
Iron Post Coal	693
"V" Shale	713
Croweburg Coal	715
Mineral Coal	750
Bluejacket Coal	873
AW Coal	1,032
Mississippian	1,074

MORNING COMPLETION REPORT

Report Called in by: John Ed

Report taken by: KRD

LEASE NAME & #	AFE#	DATE	DAYS	CIBP	PBYD
TUCKER AX&P #13-29		6/17/05	1	DEPTH	TYPE FLUID
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS	CONTRACTOR MOKAT		
OD SHOE DEPTH	8 5/8" 24# J-55 — Set 42'		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, 44' DEEP, RPH W/ 2 JT 8 5/8" SURFACE CASING.				
	PMP 75 BBL FRESH WATER. NO FLUID RETURNS TO SURFACE, MIXED 75 SKS REGULAR CEMENT W/ 3% CaCl ₂ .				
	1/3# FLOCELE PER/ SK @ 15# PER GAL, YIELD 1.18 DISPLACE W/ 1.75 BBL FRESH WATER, NO FLUID TO SURFACE,				
	SHUT CASING IN, FINAL PUMPING PRESSURE 150 PSI, JOB COMPLETE, RD.				

DAILY COST ANALYSIS

RIG	
SUPERVISION	200
RENTALS	
SERVICES	1472
MISC	2280
DAILY TOTALS	3952

DETAILS OF RENTALS, SERVICES, & MISC

MOKAT DRILLING @ 6.50/R	
CONSOLIDATED	1072
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

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PREVIOUS TCTD _____ TCTD 3952

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

TICKET NUMBER 5411
 LOCATION Flitoka
 FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
6-22-05	4758	Tucker Ar-P 13-29				Wilson	
CUSTOMER Layne Energy			Gus Jones				
MAILING ADDRESS P.O. Box 160							
CITY Sycamore		STATE Ks.					ZIP CODE
TRUCK #	DRIVER	TRUCK #					DRIVER
	446	Scott					
	439	Justin					
	436	Jason					

JOB TYPE Longstring HOLE SIZE 6 3/4" HOLE DEPTH 1166' CASING SIZE & WEIGHT 4 1/2" 10.5 lb.
 CASING DEPTH 1157' DRILL PIPE _____ TUBING PBTD 1 1/4" OTHER _____
 SLURRY WEIGHT 13.2 SLURRY VOL 41 Bbl. WATER gal/sk 8.0 CEMENT LEFT in CASING 11'
 DISPLACEMENT 18 1/4 Bbls. DISPLACEMENT PSI 950 MAX PSI 1300 London Plug RATE 41BPM - 2 BPM

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/SK of KOI-SEAL @ 13.2 lb. P/6AL.
 Shut down - wash out pump & lines - Release Plug - Displace Plug with 18 1/4 Bbls. water
 Final pumping @ 950 PSI - Bumped Plug to 1300 PSI - wait 2 min - Release Pressure.
 Float Held - close casing in with 0 PSI
 Good cement returns to surface with 7 Bbl. slurry
 Job complete - Tear 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	0	MILEAGE Truck in location		N/A
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 - Pre-Flush	1.55 lb.	77.50
5407 A	7.15 TONS	25 miles - Bulk Truck	.92	164.45
5302 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
4404	1	4 1/2" Top Rubber Plug	38.00	38.00
			6.3%	SALES TAX
				ESTIMATED TOTAL
				143.73
				3982.68

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AUTHORIZATION Called by John Ed TITLE _____ DATE _____