

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

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 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. _____

<u>8/16/2005</u>	<u>8/18/2005</u>	<u>8/30/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 125-30813-00-00
 County: Montgomery
SE SW SE Sec. 33 Twp. 31 S. R. 14 East West
399 feet from N (circle one) Line of Section
1686 feet from W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Scammey Well #: 15-33
 Field Name: Cherokee Basin Coal
 Producing Formation: Cherokee Coals
 Elevation: Ground: 857' Kelly Bushing: _____
 Total Depth: 1517' Plug Back Total Depth: 1508'
 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 1514'
 feet depth to Surface w/ 155 sx cmt.

Drilling Fluid Management Plan Alt II NH 6-17-08
 (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. _____

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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: M.B. Natrass
 Title: Agent Date: 12/2/05
 Subscribed and sworn to before me this 2nd day of December
20 05
 Notary Public: M.A.
 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 10/14/08

✓

X

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Side Two

ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Scammey Well #: 15-33
Sec. 33 Twp. 31 S. R. 14 [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 [X] Log Formation (Top), Depth and Datum [] Sample
Samples Sent to Geological Survey [] Yes [X] No Name Top Datum
Cores Taken [] Yes [X] No Pawnee Lime 906 GL -49
Electric Log Run [X] Yes [] No Excello Shale 1058 GL -201
List All E. Logs Run: V Shale 1109 GL -252
Compensated Density Neutron Mineral Coal 1154 GL -297
Dual Induction Mississippiian 1422 GL -565

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Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacjs Used, Type and Percent Additives. Rows include Surface and Casing.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with 3 columns: Shots Per Foot, 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 table with 5 columns: Size, Set At, Packer At, Liner Run, Date of First Resumerd Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours.

Disposition of Gas, METHOD OF COMPLETION, Production Interval section with checkboxes for Vented, Sold, Used on Lease, Open Hole, Perf., Dually Comp., Commingled, Other.

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Scammey 15-33		
	Sec. 33 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30813		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1413-1414, 1365-1367, 1234-1236, 1218-1220	Riverton, Rowe, Sycamore, Weir - 3,900# 20/40 sand, 1,200 15% HCl acid, 494 bbls wtr	1218-1414
4	1169.5-1170.5, 1154-1156, 1109-1114, 1087.5-1088.5	Tebo, Mineral, Croweberg, Ironpost - 5,200# 20/40 sand, 1,700 gal 15% HCl acid, 658 bbls wtr	1087.5-1170.5
4	1057-1062.5, 1035-1038, 940-941, 904-905	Mulkey, Summit, Lexington, Mulberry - 5,500# 20/40 sand, 1,600 gal 15% HCl acid, 519 bbls wtr	904-1062.5

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GEOLOGIC REPORT

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LAYNE ENERGY
Scammey 15-33
SW ¼, SE ¼, 399' FSL, 1,686' FEL
Section 33-T31S-R14E
MONTGOMERY COUNTY, KANSAS

Drilled: June 16-18, 2005
Logged: June 19, 2005
A.P.I.# 15-125-30813
Ground Elevation: 857'
Depth Driller: 1,517'
Depth Logger: 1,515'
Surface Casing: 8 5/8" @ 20'
Production Casing: 4 1/2" @ 1,514'
Cemented Job: Consolidated
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

FORMATION	TOPS (in feet below ground surface)
Lansing Group	Surface (South Bend Limestone)
Lenapah Lime	716
Altamont Lime	763
Mulberry Coal	904
Pawnee Lime	906
Anna Shale	933
Lexington Coal	940
First Oswego Lime	1,005
Little Osage Shale	1,036
Excello Shale	1,058
Mulky Coal	1,062
Iron Post Coal	1,088
"V" Shale	1,109
Croweburg Coal	1,111
Mineral Coal	1,154
Scammon Coal	1,170
Weir Pitt Coal	1,219
AW Coal	1,366
Riverton Coal	1,413
Mississippian	1,422

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

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TICKET NUMBER 5230
 LOCATION Eureka
 FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-19-05	4158	Scammy 15-33				Montgomery
CUSTOMER Layne Energy			Gus Jones			
MAILING ADDRESS P.O. Box 160			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Sycamore	STATE Ks	ZIP CODE	446	Scott		
			442	Larry		
			436	Jason		

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1517' CASING SIZE & WEIGHT 4 1/2"-10.5"
 CASING DEPTH 1514' DRILL PIPE PBTD 1508' OTHER _____
 SLURRY WEIGHT 13.8" SLURRY VOL 49 Bbls. WATER gal/sk 8.0 CEMENT LEFT in CASING 6'
 DISPLACEMENT 24 Bbls DISPLACEMENT PSI 800 ~~PSI~~ 1200 Landed Plug RATE 4BPM-2BPM

REMARKS: Safety Meeting: Rig up to 4 1/2" casing, Break circulation with 30 Bbls. water
Pumped 10 Bbls Gel Flush, followed with 10 Bbl water, 10 Bbl Metasilicate, 15 Bbl. Dyewater,
Mixed 155 sks. Thick Set cement w/ 10^{PPV}/sk of KOL-SEAL or 13.2/16. PPV/6th.
Shut down - washout pump & lines - Release Plug - Displace Plug with 24 Bbls water,
Final pumping at 800 PSI - Bumped Plug to 1200 PSI - wait 2 minutes - Release Plug
Float Held - close casing in with 0 PSI
Good cement returns to Surface with 8 Bbl. cement slurry
Job complete - Tear down

"Thank you"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT RECEIVED	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	25	MILEAGE		
		KANSAS CORPORATION COMMISSION	765.00	765.00
		DEC 05 2005	2.50	62.50
1126A	155 SKS.	Thick Set cement	13.00	2015.00
1110A	30 SKS.	KOL-SEAL 10 ^{PPV} /sk	16.90	507.00
1111A	50 lbs.	Metasilicate - Preflush	1.55/lb	77.50
1118A	4 SKS	Gel Flush	6.63	26.52
5407A	8.53 Ton	25 miles - Bulk Truck	.92	196.19
5502C	4 Hrs.	80 Bbl. VAC Truck	82.00	328.00
1123	3000 GAL	City water	12.20	36.60
5605A	4 Hrs.	Welder	75.00	300.00
4404	1	4 1/2" Top Rubber Plug	38.00	38.00
		5.3%	SALES TAX	143.19
			ESTIMATED TOTAL	4495.45

AUTHORIZATION Called by John Ed

TITLE 100110

DATE _____