

KCC

NOV 02 2005

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: Thorton Air
License: 33606
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. _____

7/7/2005 7/11/2005 8/11/2005
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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API No. 15 - 205-26073 - 00-00
County: Montgomery
SW SW SE Sec. 36 Twp. 30 S. R. 14 East West
330 feet from N (circle one) Line of Section
2250 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Davidson Well #: 15-36
Field Name: Cherokee Basin Coal
Producing Formation: Cherokee Coals
Elevation: Ground: 931' Kelly Bushing: _____
Total Depth: 1488' Plug Back Total Depth: 1473'
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 1484'
feet depth to Surface w/ 150 sx cmh

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DH2-Dig - 5/5/09

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: MB Natrass
Title: Agent Date: 11/2/05
Subscribed and sworn to before me this 2nd day of November,
20 05.
Notary Public: M. Allen
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 _____

X

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KCC Side Two NOV 02 2005

ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Davidson Well #: 15-36
Sec. 36 Twp. 30 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
Samples Sent to Geological Survey [] Yes [X] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No
List All E. Logs Run:
Compensated Density Neutron
Dual Induction
[X] Log Formation (Top), Depth and Datum [] Sample
Name Top Datum
Pawnee Lime 889 GL 42'
Excello Shale 1012 GL -81
V Shale 1080 GL -149
Mineral Coal 1126 GL -195
Mississippian 1399 GL -468

CASING RECORD [X] 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
Table with columns: Shots Per Foot, Interval, Type, Depth

TUBING RECORD
Size 2 3/8" Set At 1397' Packer At
Liner Run [] Yes [X] No
Date of First, Resumerd Production, SWD or Enhr. 10/13/2005
Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours: Oil 0 Bbls, Gas 24 Mcf, Water 107 Bbls, Gas-Oil Ratio, Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
[] Vented [X] Sold [] Used on Lease [] Open Hole [X] Perf. [] Dually Comp. [X] Commingled
(If vented, Submit ACO-18.) [] Other (Specify)

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Davidson 15-36		
	Sec. 36 Twp. 30S Rng. 14E, Montgomery County		
API:	15-205-26073		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1378.5-1379.5, 1198.5-1201.5, 1182-1188, 1126-1127.5	Riverton, Weir, Tebo, Mineral - 2,000gal 15% HCL + 495 bbls water + 5,700# 20/40 Sand	1126-1379.5
4	1080.5-1084.5, 1061-1063.5, 1011.5-1016.5, 996-998.5, 887-888	Croweberg, Bevier, Mulkey, Summit, Mulberry - 2620gal 15% HCL + 586 bbls water + 7800# 20/40 Sand	887-1084.5

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CONSOLIDATED OIL WELL SERVICES 2.
 211 W. 14TH STREET, CHANUTE, KS 66720
 626-431-9210 OR 800-467-8676

TICKET NUMBER 5516
 LOCATION EUREKA
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
7-12-05	4758	DAVIDSON 15-36				WILSON	
CUSTOMER Layne Energy			Gus Jones				
MAILING ADDRESS P.O. Box 160							
CITY Sycamore	STATE KS	ZIP CODE					
TRUCK #		DRIVER		TRUCK #		DRIVER	
445		Rick					
442		Anthony					
434		Justin					

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1488' CASING SIZE & WEIGHT 4 1/2 10.5* New
 CASING DEPTH 1484' DRILL PIPE _____ TUBING _____ OTHER PBTD 1473'
 SLURRY WEIGHT 13.2 # SLURRY VOL 47 Bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 11'
 DISPLACEMENT 23.5 BBL DISPLACEMENT PSI 700 MAX PSI 1200 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break circulation w/ 25 Bbl fresh water. Pump 4 sks Gel flush, 10 Bbl water spacer, 10 Bbl metasilicate pre flush, 15 Bbl dye water. Mixed 150 sks Thick Set Cement w/ 10 # Kol-Seal per/sk @ 13.2 # per/gal yield 1.75. wash out pump & lines. Shut down. Release Plug. Displace w/ 23.5 Bbl fresh water. Final Pumping Pressure 700 psi. Bump Plug to 1200 psi. wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 8 Bbl slurry. Job Complete. Rig down.

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	150 sks	Thick Set Cement	13.00	1950.00
1110 A	30 sks	KoL-Seal 10 # per/sk	16.90	507.00
1118 A	4 sks	Gel flush	6.63	26.52
1111 A	50 #	Metasilicate Pre flush	1.55 #	77.50
5407 A	8.25 Tons	25 Miles Bulk Truck	.92	189.75
4404	1	4 1/2 Top Rubber Plug	38.00	38.00
5502 C	3 Hrs	80 Bbl VAC Truck	82.00	246.00
1123	3360 gals	City water	12.20 per 1000	40.99
5605 A	4 Hrs	Welder	75.00	300.00
4311	1	4 1/2 weld on collar	48.00	48.00
			Sub Total	4251.26
Thank You			SALES TAX 6.3%	169.39
			ESTIMATED TOTAL	4420.65

AUTHORIZATION Called By John Ed TITLE _____ DATE _____
 199308

GEOLOGIC REPORT

LAYNE ENERGY

Davidson 15-36

SW ¼, SE ¼, 330' FSL, 2,250' FEL

Section 36-T30S-R14E

WILSON COUNTY, KANSAS

Drilled: July 7-11, 2005

Logged: July 12, 2005

A.P.I.# 15-205-26073

Ground Elevation: 931'

Depth Driller: 1,488'

Depth Logger: 1,486'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,484'

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 (Stanton Limestone)
Lenapah Lime	710
Altamont Lime	751
Mulberry Coal	887
Pawnee Lime	889
Anna Shale	918
First Oswego Lime	969
Little Osage Shale	996
Excello Shale	1,012
Mulky Coal	1,016
Iron Post Coal	1,061
"V" Shale	1,080
Croweburg Coal	1,082
Mineral Coal	1,126
Tebo Coal	1,187
Weir Pitt Coal	1,199
Riverton Coal	1,379
Mississippian	1,399

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