

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: Thornton Air Rotary
License: 33606

Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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>4/10/2006</u>	<u>4/12/2006</u>	<u>5/8/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30980 -00-00
County: Montgomery
W/2 NE NW NW Sec. 33 Twp. 31 S. R. 14 East West
336 feet from S / (circle one) Line of Section
888 feet from E / (circle one) Line of Section

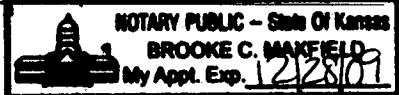
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: COX Well #: 4-33
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 846 Kelly Bushing: _____
Total Depth: 1481 Plug Back Total Depth: 1477
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1477
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan ALPH 850P
(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: 7/18/06
Subscribed and sworn to before me this 18 day of July
20 06.
Notary Public: Brooke C. Maxfield
Date Commission Expires: 12/28/09



KCC Office Use ONLY

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

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JUL 19 2006
CONSERVATION DIVISION
WICHITA, KS

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JUL 18 2006

Side Two

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Operator Name: Layne Energy Operating, LLC Lease Name: Cox Well #: 4-33
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
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

Table with 3 columns: Name, Top, Datum. Rows include Pawnee Lime (895 GL, -49), Excello Shale (1031 GL, -185), V Shale (1085 GL, -239), Mineral Coal (1129 GL, -283), and Mississippian (1398 GL, -552).

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, # Sacjs 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 table with columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type, Acid, Fracture, Shot, Cement Squeeze Record, Depth.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumerd Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours, Oil Bbbs., Gas Mcf, Water Bbbs., Gas-Oil Ratio, Gravity.

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

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Cox 4-33		
	Sec. 33 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30980		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1084.5-1089	Croweburg-ATP 1002, 15 min SI 576, 4900# 20/40 sand, 1000 gal 15% HCl acid, 458 bbls wtr	1084.5-1089
4	1065-1066.5, 1031-1037, 1011-1015.5	Ironpost, Mulky, Summit-ATP 842, 15 min SI 454, 5700# 20/40 sand, 1200 gal 15% HCl acid, 568 bbls wtr	1011-1066.5
4	926-927.5	Lexington-ATP 1090, 15 min 506, 2500# 20/40 sand, 500 gal 15% HCl acid, 537 bbls wtr	926-927.5

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GEOLOGIC REPORT

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LAYNE ENERGY
Cox 4-33
NW NW, 336 FNL, 888 FWL
Section 33-T31S-R14E
Montgomery County, KS

Spud Date: 4/10/2006
Drilling Completed: 4/12/2006
Logged: 4/12/2006
A.P.I. #: 1512530980
Ground Elevation: 846'
Depth Driller: 1481'
Depth Logger: 1481'
Surface Casing: 8.625 inches at 20'
Production Casing: 4.5 inches at 1477'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation

Tops (in feet below ground level)

Lansing Group	Surface (Rock Lake Shale Member)
Pawnee Limestone	895
Excello Shale	1,031
"V" Shale	1,085
Mineral Coal	1,129
Mississippian	1,398

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MORNING COMPLETION REPORT

Report Called in by: JES

Report taken by: KR D

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD
COX 4-33		G01024600100	4/10/2006	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 20'	TEST PERFS	RIG NO		BILLY	
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	SQUEEZED OR PLUG BACK PERFS		
				TO	TO	
				TO	TO	
				TO	TO	
				TO	TO	
HRS	BRIEF DESCRIPTION OF OPERATION					
	MIRU THORNTON DRILLING, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,					
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.					
DAILY COST ANALYSIS						

RIG _____

SUPERVISION 200

RENTALS _____

SERVICES 400

MISC 2280

DETAILS OF RENTALS, SERVICES, & MISC

DRILLING @7.00/ft	
(CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS 2880 PREVIOUS TCTD 0 TCTD 2880

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CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

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TREATMENT REPORT & FIELD TICKET
 CEMENT

TICKET NUMBER 08652
 LOCATION Eureka
 FOREMAN Troy Strickler

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-13-06	4158	Cox 4-33				MG
CUSTOMER Layne Energy			TRUCK #			
MAILING ADDRESS P.O. Box 160			DRIVER			
CITY Sycamore			TRUCK #			
STATE KS			DRIVER			
ZIP CODE						

JOB TYPE Longevity HOLE SIZE 6 7/8" HOLE DEPTH 1481' CASING SIZE & WEIGHT 4 1/2" 10.5# Non
 CASING DEPTH 1477' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4" SLURRY VOL 46.7861 WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 23.5061 DISPLACEMENT PSI 800 MIX PSI 1300 Bump Pkg RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break Circulation w/ 30861 water.
Pump 20861 Gel Flush, 5861 water spacer, 1st Metasilicate Ac Flush. Mixed
150SKS Thick set Cement w/ 10" Kol-Seal Pkg @ 13.4" Pkg. Wash out
Pump + lines. Shut down. Released Alg. Displaced w/ 23.5 Bbl. Final
Pump Pressure. 800PSI. Bump Pkg to 1300 PSI. Wait 2mins Release Pressure.
Float Held. Good Cement to surface = 7861 Slurry to Pit.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
1126A	150 SKS	Thick Set Cement	14.65	2197.50
1110A	1500 "	Kol-Seal 10" Pkg	.36 "	540.00
1118A	200 "	Gel-Flush	.14 "	28.00
1111A	50 "	Metasilicate Ac-Flush	1.65 "	82.50
5407A	8.25 Ton	Ton Mileage Bulk Truck	1.05	346.50
4404	1	4 1/2" Top Rubber Pkg	40.00	40.00
		Thank you!	Sub Total	4160.50
			SALES TAX	153.06
			ESTIMATED TOTAL	4313.56

204513

AUTHORIZATION Called by John Ed. TITLE _____ DATE _____

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

7/18/08

July 18, 2006

Kansas Corporation Commission
Oil & Gas Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

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KANSAS CORPORATION COMMISSION
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CONSERVATION DIVISION
WICHITA, KS

Re: Well Completion Form

To Whom It May Concern:

I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-125-30980
Cox 4-33

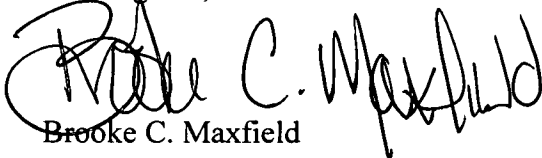
API# 15-125-31005
Gibson 13-27

API# 15-205-26429
Newby AX&P 7-32

We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3987.

Best regards,


Brooke C. Maxfield

Enclosures

Cc Well File
Field Office

