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KANSAS CORPORATION COMMISSION

MAY 25 2004

CONSERVATION DIVISION
WICHITA, KS

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

CONFIDENTIAL

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: Melissa Thieme
Phone: (913) 748-3971
Contractor: Name: Finney Drilling
License: 5989
Wellsite Geologist: Rolland Yoakum

API No. 15 - 125-19775-00-01
County: Montgomery
SW NE SE NE Sec. 21 Twp. 32 S. R. 16 East West
4525 1907 feet from S (N) (circle one) Line of Section
427 508 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Casey Well #: 8-21 SWD
Field Name: Brewster

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Producing Formation: Cherokee Coals
Elevation: Ground: 818' Kelly Bushing: 818'
Total Depth: 1896 Plug Back Total Depth: open hole
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 1325'
feet depth to _____ w/ unknown sx cmf.

If Workover/Re-entry: Old Well Info as follows:
Operator: ***OWWO*** No information available
Well Name: _____
Original Comp. Date: _____ Original Total Depth: 1469 approx.
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. D-28249
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

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.: _____

2/1/04 2/11/04 2/17/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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: 5/24/04
Subscribed and sworn to before me this 24th day of May,
20 04.
Notary Public: Melissa Thieme
Date Commission Expires: 6/20/05

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

MELISSA THIEME
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6/20/05

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Side Two

Operator Name: Layne Energy Operating, LLC Lease Name: Casey Well #: 8-21 SWD
Sec. 21 Twp. 32 S. R. 16 East West County: Montgomery

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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 No
(Attach Additional Sheets)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy)

Name	Formation (Top), Depth and Datum	Sample
Name	Top	Datum
Pawnee Lime	562 GL	256
Excello Shale	715 GL	103
Riverton Coal	1110 GL	-292
Mississippian	1128 GL	-310
Arbuckle	1469 GL	-651

List All E. Logs Run:
Gamma Ray Neutron

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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	10 5/8"	7"	22	21	n/a	n/a	n/a
Casing	6 3/4"	4.5	9.5	1325'	n/a	n/a	n/a

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	
		Acidize w 1000g of 15% HCL Acid and Flushed w/ 70bbls	1896

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1275'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. Salt Water Disposal Well 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 Vented Sold Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
Production Interval Other (Specify)

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GEOLOGIC REPORT

LAYNE ENERGY
Casey 8-21 SWD
SE ¼, NE ¼, 1525' FNL, 427' FEL
Section 21-T32S-R16E
MONTGOMERY COUNTY, KANSAS

Deepened: February 1 - 11, 2004
Logged: February 1, 2004
A.P.I.# 15-125-19775
Ground Elevation: 818'
Depth Driller: 1,896'
Depth Logger: 1,325' (Logged before deepened.)
Cemented Job: Blue Star
Open Hole Logs: Gamma Ray, Neutron

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FORMATION.....	TOPS (in feet below ground surface)
Kansas City Group.....	Surface (Dewey Limestone)
Lenapah Lime.....	352
Altamont Lime	395
Weiser Sand.....	470
Pawnee Lime	562
Anna Shale	590
Peru Sand	610
First Oswego Lime	651
Little Osage Shale.....	687
Excello Shale.....	715
"V" Shale	767
Weir-Pitt Coal.....	896
Riverton Coal	1,110
Mississippian.....	1,128
Arbuckle Group.....	1,469

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