

KCC

MAY 26 2004

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

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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

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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: ***OWWO*** No information available
Well Name: Unknown

Original Comp. Date: _____ Original Total Depth: _____
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No. D-28256
____ Dual Completion Docket No. _____
____ Other (SWD or Enhr.?) Docket No. _____

2/16/04 2/19/04 2/26/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-19776-00-01
County: Montgomery
SE NE NW SW Sec. 19 Twp. 32 S. R. 17 East West
~~2050~~ 2117 feet from (S) N (circle one) Line of Section
~~6338~~ 1130 feet from E / (W) (circle one) Line of Section
Per Intent SKA
Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW
Lease Name: Heins Well #: 12-19 SWD
Field Name: Coffeyville-Cherryvale

Producing Formation: Indigo
Elevation: Ground: 763 Kelly Bushing: 763

Total Depth: 1885' Plug Back Total Depth: Open Hole
Amount of Surface Pipe Set and Cemented at 31 already there Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1335
feet depth to _____ w/ unknown _____ sx cmt.

ALT II WITHM 3-16-06

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: [Signature]
Title: Agent Date: 5/26/04

Subscribed and sworn to before me this 20th day of May, 2004.

Notary Public: Melissa Thieme
Date Commission Expires: 6/20/05

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

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

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Side Two

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Operator Name: Layne Energy Operating, LLC Lease Name: Heins Well #: 12-19 SWD
 Sec. 19 Twp. 32 S. R. 17 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 No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Pawnee Lime	434 GL	329
Excello Shale	586 GL	177
Riverton Coal	591 GL	-228
Arbuckle Group	634 GL	-568

List All E. Logs Run:
 Gamma Ray Cement Bond Log

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CASING RECORD <input 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	# Sacks Used	Type and Percent Additives
Surface	12"	7"	18	31'	Previously Set		
Casing	6 3/4"	4.5"	9.5	1335'	Previously Set		

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
		Acidized Arbuckle w/ 1000g of 15% HCL Acid and 65bbls Fresh Water	1884'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1305'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
SWD	<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 Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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GEOLOGIC REPORT

LAYNE ENERGY

Heins 12-19 SWD

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1/4NW, 1/4SW, 2,059' FSL, 6,338' FEL

Section 19-T32S-R17E

MONTGOMERY COUNTY, KANSAS

Drilled: February 16-20, 2004 (from 1410 to 1885)

Logged: February 1, 2004

A.P.I.# 15-125-19776

Ground Elevation: 763'

Depth Driller: 1,410'

Depth Logger: 1,402' (logged before drilling through Arbuckle)

Cemented Job: Blue Star

Open Hole Logs: Gamma ray, cement bond, ccl log

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FORMATIONTOPS (in feet below ground surface)

Kansas City Group	surface
Pawnee Lime.....	434
Anna Shale	468
First Oswego Lime.....	525
Little Osage Shale	559
Excello Shale	586
"V". Shale	639
Riverton Coal.....	991
Mississippian.....	1,004
Northview Shale.....	1,292
Woodford Shale	1,304
Arbuckle Group	1,331

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