

SEP 07 2004

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION  
WICHITA, KS  
33365

Operator: License # \_\_\_\_\_  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Jeff Mohajir  
Phone: ( 913 ) 748-3987  
Contractor: Name: McPherson Drilling  
License: 5675  
Wellsite Geologist: \_\_\_\_\_

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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: \_\_\_\_\_  
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. \_\_\_\_\_

5/18/2004    5/24/2004    6/16/2004  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 125-30532 - 0000  
County: Montgomery  
SW - SW - - - - Sec. 30 Twp. 31 S. R. 15  East  West  
737 feet from (S) N (circle one) Line of Section  
612 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW

Lease Name: Smith Well #: 13-30  
Field Name: Cherokee Basin Coal Gas Area

Producing Formation: Cherokee Coals  
Elevation: Ground: 916 Kelly Bushing: \_\_\_\_\_

Total Depth: 1484 Plug Back Total Depth: 1474

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 1481  
feet depth to Surface w/ 190 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) ALTH WITH 4-24-07  
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.: \_\_\_\_\_

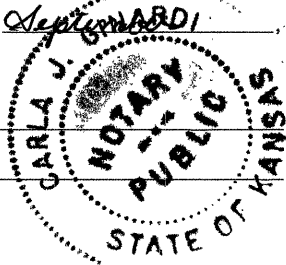
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: David B Jensen  
Title: Agent Date: 9/2/04

Subscribed and sworn to before me this 2nd day of September  
2004

Notary Public: Carla J. Genardi  
Date Commission Expires: 5-21-2005



**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

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC. Lease Name: Smith Well #: 13-30  
 Sec. 30 Twp. 31 S. R. 15  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)

List All E. Logs Run:

Compensated Density Neutron  
 Dual Induction

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Pawnee Lime	880 GL	36
Excello Shale	1022 GL	-106
V Shale	1072 GL	-156
AW Coal	1327 GL	-411
Mississippian	1380 GL	-464

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CASING RECORD  New  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	11	8.65	24	20	Class A	4	Type 1 cement
Casing	7 7/8	5.5	15.5	1480	Thick Set	190	

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
4	1367-69, 1327-29	Riverton, Rowe: 700G 15% HCL Acid, 466bbls 1% KCL Water, 3150# 20/40 Sand, Balls	1327-1369
4	1201-05, 1186-88, 1166-68, 1116-20, 1073-76	Sycamore Shale, Weir, Tebo, Mineral & Croweburg: 1200G 15% HCL Acid, 466bbls 1% KCL Water, 3150# 20/40 Sand, Balls	1073-1205
4	1050-53, 1022-28, 1000-02, 875-77	Bevier, Mulky, Summit, Mulberry: 1200G 15% HCL Acid, 702 bbls 1% KCL Water, 5356# 20/40 Sand, Balls	875-1053

TUBING RECORD

Size	Set At	Packer At	Liner Run
2 7/8	1397		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. June 29, 2004

Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		5	121		

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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WICHITA, KS

# GEOLOGIC REPORT

LAYNE ENERGY

Smith 13-30

SW ¼ , SW ¼, 737' FSL, 612' FWL

Section 30-T31S-R15E

MONTGOMERY COUNTY, KANSAS

Drilled: May 18-21, 2004

Logged: May 21, 2004

A.P.I.# 15-125-30532

Ground Elevation: 916'

Depth Driller: 1,484'

Depth Logger: 1,482'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,480'

Cemented Job: Blue Star

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

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**FORMATION ..... TOPS (in feet below ground surface)**

Lansing Group .....	Surface (Captain Creek Limestone Member)
Lenapah Lime .....	690
Altamont Lime .....	750
Mulberry Coal.....	876
Pawnee Lime .....	880
Anna Shale.....	900
First Oswego Lime .....	968
Little Osage Shale.....	999
Excello Shale .....	1,022
Mulky Coal .....	1,027
Iron Post Coal .....	1,051
"V" Shale.....	1,072
Croweburg Coal.....	1,075
Mineral Coal .....	1,118
Tebo Coal .....	1,166
Weir Pitt Coal .....	1,186
AW Coal .....	1,327
Riverton Coal.....	1,369
Mississippian .....	1,380

# Layne Energy Operating, L.L.C.

1900 Shawnee Mission Parkway • Mission Woods, Kansas 66205 • (913) 748-3987 • Fax: (913) 748-3950

COPY

September 2, 2004

RECEIVED  
KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION  
WICHITA, KS

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

ATTN: Ms. Sharon Ahtone

Re: Smith 13-30

Dear Ms. Ahtone:


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

API #: 15-125-30532  
Smith 13-30

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,

  
David B. Jensen  
Agent

Enclosure

Cc Field Office  
Well File

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# UNCONSOLIDATED OIL WELL SERVICES

PO Box 103  
Eureka, Kansas 67045

CONSERVATION DIVISION  
and WICARE NUMBER

N<sup>o</sup> 5534

Date 5-24-04	Customer Order No. 4758	Sect.	Twp.	Range	Truck Called Out	On Location	Job Began	Job Completed
Owner Layne Energy		Contractor Gus Jones			Charge To Layne Energy			
Mailing Address PO Box 168		City Sycamore			State KS			
Well No. & Form Smith # 13-30		Place Montgomery			State Kansas			
Depth of Well 1484'	Depth of Job 1481'	Casing (New) Used	Size 5 1/2"	Weight 15.5	Size of Hole Amt. and Kind of Cement 190 SKS	Cement Left in casing by	Request (Necessity) 6' feet	
Kind of Job LONGSTAY P/BTD 1475'					Drillpipe	(Rotary) Cable	Truck No. #446	

Price Reference No. 5491	Price of Job 675.00
Second Stage	
Mileage N/C Truck Infield	
Other Charges	
Total Charges	675.00

Remarks: Safety Meeting: Rig up to 5 1/2" casing, break circulation, wash casing down to 1482' (15' of fill), Pumped 100 Bbl water. Rig up Cement Head, Break circulation, Pumped 5 Bbl Preflush Metasilicate, 10 Bbl Dyewater, Mixed 190 SKS Thick Set cement with KOL-SEAL 10" P 1/2" at 133 lbs P 1/2 GAL. Shut down washout pump lines - Release Plug - Displace Plug w/ 35 Bbls water. Final pumping at 800 PSI - Bumped Plug to 1200 PSI. wait 30 min. Release Pressure - Float Held - close casing in 0 PSI. Good cement returns to surface w/ 7 Bbl slurry.

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Cementor: Brad Butler  
 Helper: Alan - Ed - Jim  
 District: Eureka  
 State: Kansas

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

Thank you

Job complete - Test down  
 \* De Jimez -  
 Agent of contractor or operator

### Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
190 SKS	Thick Set cement #1126 A	11.30	2147.00
38 SKS	KOL-SEAL 10" P 1/2" #1110 A	15.00	570.00
50 lbs	Metasilicate Preflush #1111 A	1.35/lb	67.50
5 Hrs	80 Bbl VAC Truck #5502 E	75.00	375.00
3000 GAL	City water #1123	11.25 P 1/100	33.75
3000 GAL	Flush water	N/C	N/C
1	5 1/2" Top Rubber Plug #4406	40.00	40.00
Plugs	#5407A 10.5 Ton	Mileage 25	210.00
		Sub Total	4118.25
	Delivered by Truck No.	Discount	
	Delivered from Eureka	Sales Tax	151.49
	Signature of operator Brad Butler	Total	4269.74

190485

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MORNING COMPLETION REPORT

Report Called in by: JOHN ED

Report taken by:

Melissa T.

CONSERVATION DIVISION  
WICHITA KS

LEASE NAME & #	AFE#	DATE	DAYS	CIBP DEPTH	PBD TYPE FLUID
SMITH 13-30		6/18/04	1		
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					VIS
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR RIG NO	
		TEST PERFS		SQUEEZED OR PLUG BACK PERFS	
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	TO	TO
				TO	TO
				TO	TO
				TO	TO
HRS	BRIEF DESCRIPTION OF OPERATION				
	MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 20' DEEP. RIH W/ 1 JT & 5/8" SURFACE CASING,				
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SOFN.				

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DAILY COST ANALYSIS

RIG	
SUPERVISION	200
RENTALS	
SERVICES	400
MISC	2280
DAILY TOTALS	2880

DETAILS OF RENTALS, SERVICES, & MISC

MCPHERSON DRILLING @ 6.60/ft	
MCPHERSON (CEMENT)	80
DIRTWORKS (LOC.RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS      2880      PREVIOUS TCTD      TCTD      2880