

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

CONFIDENTIAL

ORIGINAL

Operator: License # 33152  
Name: Shawnee Oil & Gas, LLC  
Address: 106 West 14th Street, 7th Floor  
City/State/Zip: Kansas City, MO 64105  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Jeff Mohajir  
Phone: ( 816 ) 474-7777  
Contractor: Name: Layne Christensen Canada, Ltd.  
License: 32999  
Wellsite Geologist: Jim Stegeman

API No. 15 - 125-30356 0000  
County: Montgomery  
SE SE Sec. 22 Twp. 32 S. R. 16  East  West  
884 feet from S N (circle one) Line of Section  
558 feet from E W (circle one) Line of Section

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

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: W. Warren Well #: 16-22  
Field Name: Brewster

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. \_\_\_\_\_

Producing Formation: Cherokee Coals  
Elevation: Ground: 846 Kelly Bushing: 849  
Total Depth: 1186 Plug Back Total Depth: 1162  
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 1168  
feet depth to Surface w/ 150 sx cmt.  
ALT II WITH 2-6-07

7/11/03 7/18/03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

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 evaporated  
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: Melissa Thieme  
Title: Agent Date: 10/27/03  
Subscribed and sworn to before me this 27 day of October,  
20 03.  
Notary Public: Sherry K. Watson  
Date Commission Expires: \_\_\_\_\_

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

SHERRY K. WATSON  
Notary Public - Notary Seal  
STATE OF MISSOURI  
Jackson County  
My Commission Expires Nov. 20, 2006

CONFIDENTIAL

Side Two

ORIGINAL

Operator Name: Shawnee Oil & Gas, LLC Lease Name: W. Warren Well #: 16-22
Sec. 22 Twp. 32 S. R. 16 [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 (Attach Additional Sheets)

Samples Sent to Geological Survey [ ] Yes [X] No

Cores Taken [ ] Yes [X] No

Electric Log Run [X] Yes [ ] No (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron Dual Induction

KCC OCT 27 2003

Table with 3 columns: Name, Formation (Top), Depth and Datum, Sample. Rows include Pawnee Lime, Excello Shale, V Shale, Weir-Pitt Coal, and Mississippian.

CONFIDENTIAL

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. Includes a RECEIVED stamp from KANSAS CORPORATION COMMISSION dated OCT 28 2003.

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.

Disposition of Gas METHOD OF COMPLETION Production Interval. Includes checkboxes for Vented, Sold, Used on Lease, Open Hole, Perf., Dually Comp., Commingled, and Other (Specify).

CONFIDENTIAL

ORIGINAL

**GEOLOGIC REPORT**

**KCC**

**OCT 27 2003**

LAYNE CHRISTENSEN CANADA, LTD.  
W. Warren 16-22  
1/4SE, 1/4SE, 884' FSL, 558' FEL  
Section 22-T32S-R16E  
MONTGOMERY COUNTY, KANSAS

CONFIDENTIAL

Drilled: July 13-18, 2003  
Logged: July 19, 2003  
A.P.I.# 125-30356-00-00  
Ground Elevation: 846'  
Depth Driller: 1186'  
Depth Logger: 1183'  
Drilled with Air, surface to 1186'  
Drilled with Water, N.A.  
Surface Casing: 8.65" @ 20'  
Production Casing: 5.5" @ 1167'  
Cemented by Blue Star  
Open Hole Logs (Osage Wireline) : High Resolution Compensated Density Neutron;  
Dual Induction SFL/GR.

RECEIVED  
KANSAS CORPORATION COMMISSION

**OCT 28 2003**

CONSERVATION DIVISION  
WICHITA, KS

<b>FORMATION</b> .....	<b>TOPS (in feet below ground surface)</b>
Kansas City Group .....	Surface (Nellie Bly Sandstone)
Base of KC Group .....	277
Lenapah Lime.....	349
Altamont Lime.....	392
Weiser Sandstone .....	453
Mulberry Coal .....	547
Pawnee Lime.....	550
Lexington Coal.....	583
Peru Sandstone.....	604
First Oswego .....	649
Summit Coal/Little Osage .....	677.4
Excello Shale.....	707
Mulky Coal.....	711.2
Iron Post.....	733.6
V-Shale.....	757
Croweburg Coal.....	758.9
Fleming Coal .....	766.3
Mineral Coal .....	796.4
Skinner Sandstone .....	829
Tebo Coal.....	854.4
Weir-Pitt.....	866
Aw Coal .....	1044.6
Riverton Coal.....	1098.8
Mississippian .....	1116



**CONFIDENTIAL**

**ORIGINAL**

**CASING - TUBING TALLY (THREADS OFF) & CEMENT REPORT  
LAYNE ENERGY**

WELL NAME: *W. Warren 16-22*

DATE: *7-11-03*

AFE #

Distance KB to Csg Flgs	Landed @ m.K.B.	String Wt. daN Before Cement
-------------------------	-----------------	------------------------------

No. of Jts Ran	Length of Csg	Float Equip. Length	Size & Wt.	Grade & Thd	Trade Name
1		Guide shoe=		H-40 ST&C	<i>OCT 27 2003</i>
		Float collar=			
		Total =			<i>CONFIDENTIAL</i>

Stage 1-2-3	Cement Company	Type of Cement
<i>1</i>	<i>LAYNE</i>	<i>Monarch TYPE I Standard w/ 3% CaCl</i>

Number Of sks	Slurry Wt. 16lb/gal	Displace-	Press.Bumped-psi	Time & Date.	Returns
<i>5</i>				<i>7-11-03</i>	

Depth to Top Centralizer	Depth to Btm. Centralizer	Number Of Centralizers	Depth to Top Scratchers	Depth to Btm. Scratchers	Number Of Scratchers

NO.	Length OF JT	Cumm. Total	NO.	Length of JT	Cumm. Total	JOINTS		LENGTH	
						DELIVERED			Ft
1	<i>20'</i>	<i>20'</i>	18				1	<i>20'</i>	Ft
2			19			FLOAT EQUIPMENT (+)			Ft
3			20						
4			21			TOTAL DELIVERED			Ft
5			22						
6			23			NOT RUN (-)			Ft
7			24						
8			25						
9			26			TOTAL RUN	1	<i>20'</i>	Ft
10			27						
11			28			K.B. TO TOP OF CSG (-)			Ft
12			29						
13			30			DEPTH LANDED K.B.			Ft
14			31						
15			32			K.B TO CSG BOWL FLGE			Ft
16			33						
17			34			CUT OFF			Ft

X = OUT    C = CENT.    S = Scratchers    O = Stop Collar    CONSULTANT

CONFIDENTIAL

KCC  
OCT 27 2003

ORIGINAL

BLUE STAR  
ACID SERVICE, INC.

CONFIDENTIAL

PO Box 103  
Eureka, Kansas 67045

Cementing Ticket  
and Invoice Number

No: 4741

Date 7-19-03	Customer Order No.	Sect.	Twp.	Range	Truck Called Out	On Location 1:30pm	Job Began 4:35pm	Job Completed 5:30pm
Owner Shawnee Oil & Gas LLC		Contractor Layne Christensen CO.			Charge To Layne Energy			
Mailing Address 1345 Highfield Crescent SE		City Calgary			State Alberta Canada T2G5N2			
Well No. & Form Warren 16-22		Place Montgomery			State Kansas			
Depth of Well 1186'	Depth of Job 1168'	Casing (New) Used	Size 5 1/2"	Weight 15.50	Size of Hole Amt. and Kind of Cement 150 sks	Cement Left in casing by	Request (Necessity) 6	feet
Kind of Job Longstring > PBD 1162'					Drillpipe	(Rotary)	Truck No. #21	

Price Reference No.	
Price of Job	665.00
Second Stage	
Mileage	135.00
Other Charges	
Total Charges	800.00

Remarks Safety Meeting: Rig up to 5 1/2" casing, Pumped 6 Bbls. Fresh water ahead, Pump 5 Bbl 5-25 Pre flush, 5 Bbl City water spacer. Mixed 150 sks Thickset cement w/ 10lb p/sk of Gilsonite at 13.5 lbs p/6bl. Shut down, washout pump & lines - Release Plug Displace Plug with 27 3/4 Bbls Fresh water. Final pumping at 750 PSI - Bumped Plug to 1300 PSI wait 5 minutes - check float - float held - close casing with 0 PSI - Good cement returns w/ 6 Bbls slurry = 20 sks cement

Job complete - Tear down

Cementer Brad Butler

Helper Mike - Steve - 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"

*[Signature]*  
Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
150	sks Thickset cement	10.75	1612.50
1500	lbs Gilsonite 10lbs p/sk	.30	450.00
50	lbs Metasilicate 5-25 Pre flush	1.00	50.00
3	Hrs 80 Bbl. VAC. Truck #13	60.00	180.00
1	load City water	20.00	20.00
1	5 1/2" Guide shoe	85.00	85.00
1	5 1/2" AFU Insert Flame Valve	92.00	92.00
1	5 1/2" Top Rubber Plug	40.00	40.00
Plugs	150 sks Handling & Dumping	.50	75.00
	8.25 hrs Mileage 60	.80	396.00
	Sub Total		3800.50
Delivered by Truck No. #22	Discount		
Delivered from Eureka	Sales Tax	6.3%	239.43
Signature of operator Brad Butler	Total		4039.93

RECEIVED  
KANSAS CORPORATION COMMISSION  
OCT 28 2003

CONSERVATION DIVISION  
WICHITA, KS