

RELEASED

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

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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

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KCC

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

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

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7/31/03 8/5/03 1.14.04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30358
County: Montgomery
SE SE Sec. 21 Twp. 32 S. R. 16 East West
651 feet from S / N (circle one) Line of Section
631 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: R. Casey Well #: 16-21
Field Name: Brewster

Producing Formation: Cherokee Coals
Elevation: Ground: 781 Kelly Bushing: 784
Total Depth: 1142 Plug Back Total Depth: 1129
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 1135
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan *See 11/11/03*
(Data must be collected from the Reserve Pit)
Chloride content n/a ppm Fluid volume 70 bbls
Dewatering method used n/a air drilled
Location of fluid disposal if hauled offsite: _____
Operator Name: Colt Energy, Inc.
Lease Name: Dodds License No.: 5150
Quarter SE Sec. 9 Twp. 32 S. R. 16 East West
County: Montgomery Docket No.: D-27774

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,
2003.
Notary Public: Sherry K. Watson
Date Commission Expires: _____

SHERRY K. WATSON
Notary Public - Notary Seal
STATE OF MISSOURI
Jackson County

My Commission Expires Nov. 20, 2006

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

✓

X

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Side Two

ORIGINAL

Operator Name: Shawnee Oil & Gas, LLC Lease Name: R. Casey Well #: 16-21
Sec. 21 Twp. 32 S. R. 16 [X] 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 all 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

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

CASING RECORD table with columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight, Setting Depth, Type of Cement, # Sacs Used, Type and Percent Additives.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, 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 table.

Estimated Production Per 24 Hours table with columns: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

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

FROM
CONFIDENTIAL

GEOLOGIC REPORT

LAYNE CHRISTENSEN CANADA, LTD.
Casey 16-21
¼SE, ¼SE, 651' FSL, 631' FEL
Section 21-T32S-R16E
MONTGOMERY COUNTY, KANSAS

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Drilled: July 31st- August 5th, 2003
Logged: August 5, 2003
A.P.I.# 125-30358-00-00
Ground Elevation: 781'
Depth Driller: 1143'
Depth Logger: 1141'
Drilled with Air, surface to 1143'
Drilled with Water, N.A.
Surface Casing: 8.65" @ 20'
Production Casing: 5.5" @ 1135'
Cemented by Blue Star
Open Hole Logs (Osage Wireline) : High Resolution Compensated Density
Neutron; Dual Induction SFL/GR.

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FORMATION	TOPS (in feet below ground surface)
Kansas City Group	Surface (Cottage Grove Sand Stone)
Base of KC Group	254
Lenapah Lime	302
Altamont Lime	346
Pawnee Lime	514
Anna Shale	540
Peru Sandstone	560
First Oswego	594
Summit Coal/Little Osage	624
Excello Shale	656.44
Iron Post	680.31
V-Shale	707.38
Croweburg Coal	709.13
Fleming	716.19
Mineral Coal	744.31
Tebo Coal	797
Wier-Pitt	824
Rowe Coal	970.25
Riverton Coal	1048.63
Mississippian	1060

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CONSERVATION DIVISION
WICHITA, KS

OCT 27 2003

FROM

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BLUE STAR ACID SERVICE, INC.

CONFIDENTIAL PO Box 103 Kansas 67045

Cementing Ticket and Invoice Number

No. 4819

Date	Customer Order No.	Sect	Twp	Range	Truck Called Out	On Location	Job Began	Job Completed
8-5-03		21	325	16E	8:30 AM	10:30 AM	11:03 AM	11:50 AM
Owner SHAUNEE OIL & GAS LLC		Contractor LAYNE CHRISTENSEN Co.			Charge To LAYNE ENERGY			
Mailing Address 1345 Highfield Crescent S.E.		City CALGARY			State ALBERTA T2G5N2			
Well No. & Form COLT-Gassey 16-21		Place		County Montgomery 77		State KANSAS		
Depth of Well 1142'	Depth of Job 1135'	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 Necessary 6' feet	
Kind of Job Longstring P.B.T.D. 1129'					Drillpipe	Rotary AIR #21 Cable Truck No.		

Price Reference No.	# 1
Price of Job	665.00
Second Stage	
Mileage	60 > 135.00
Other Charges	
Total Charges	800.00

Remarks SAFETY Meeting: Rig up to 5 1/2 casing. Break Circulation. Pumped 30 BBL Fresh water. 5 BBL S-25 Pre flush, 5 BBL water spacer. Mixed 150 SKS Thick Set Cement with 10 # Gilsonite per/sk @ 13.5 # per/GAL Shut down. wash out pump & lines. Release Plug. Displace with 26.75 BBL Fresh water. Final Pumping Pressure 375 PSI. Bump Plug to 1000 PSI. wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to surface 10 BBL Slurry = 32 SKS. Job Complete. Rig down

Cementor Kevin McCoy

Helper Mike, Justin, Jim District EUREKA State KS

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	Thick Set Cement	10.75	1612.50
1500 #	Gilsonite 10 # per/sk	.30	450.00
50 #	Metasilicate S-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 AFU INSERT Flapper Valve	92.00	92.00
1	5 1/2 Guide Shoe	85.00	85.00
1	5 1/2 Top Rubber Plug	40.00	40.00
	150 SKS Handling & Dumping	.50	75.00
	8.25 TONS Mileage 60	.80	396.00
	Sub Total		3,800.50
	Delivered by Truck No. #22	Discount	
	Delivered from EUREKA	Sales Tax 5.3%	201.47
	Signature of operator <i>[Signature]</i>	Total	4,001.97

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CONSERVATION DIVISION
WICHITA, KS

OCT 27 2003

CEMENT AND CASING DETAIL

LOCATION
SUPERVISOR
TYPE

R. Casey 16-21
Hobbs
Surface pipe

DATE:
CEMENT CO.

7-31-03
Layne

CASING DETAIL

QUANTITY	SIZE	WEIGHT	GRADE	THREADS	LENGTH	TYPE	TOP of SEC.
1	2 5/8" B	23"			20		

Kelly Bush to Casing Flange
Casing Set and Cemented

20

DVT SET @

Casing String Air Weight:

Actual Weight:

Centralizers Run:

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EXCESS CASING

QUANTITY	SIZE	WEIGHT	GRADE	THREADS	LENGTH	TYPE	MT

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WICHITA, KS

CASING DELIVERED

QUANTITY	SIZE	WEIGHT	GRADE	THREADS	LENGTH	TYPE	MT

FIRST STAGE

SECOND STAGE

Caliper Hole Vol. CU/FT
Volume Pumped CU/FT

Caliper Hole Vol. CU/FT
Volume Pumped CU/FT

FIRST STAGE CEMENT DETAIL

PRE-FLUSH _____ ESTL. TOC Surface

LEAD TYPE _____ Mixed @: _____ Yield @: _____

Additives: 55ks Res. Cmt

TAIL TYPE _____ Mixed @: _____ Yield @: _____

Additives: Mix + Dump Backside

Displacement _____ Max. Rate: _____ PSI: _____

Description of Circulation _____

BUMP PLUG Time: _____ Date: _____ PSI: _____

OPEN DVT YES or NO _____ Reason _____

CEMENT CIRCULATED: _____

SECOND STAGE CEMENT DETAIL

PRE-FLUSH _____ ESTL. TOC _____

LEAD TYPE _____ Mixed @: _____ Yield @: _____

Additives: _____

TAIL TYPE _____ Mixed @: _____ Yield @: _____

Additives: _____

Displacement _____ Max. Rate: _____ PSI: _____

Description of Circulation _____

BUMP PLUG Time: _____ Date: _____ PSI: _____

CLOSE DVT YES or NO _____ Reason _____

CEMENT CIRCULATED: _____

COMMENTS