

CONFIDENTIAL

3/17/11

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

*Handwritten:* 3/17/09

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33168  
Name: WOOLSEY OPERATING COMPANY, LLC  
Address: 125 N. MARKET, SUITE 1000  
City/State/Zip: WICHITA, KANSAS 67202  
Purchaser: BLUESTEM GAS MARKETING / PLAINS MARKETING  
Operator Contact Person: DEAN PATTISSON, OPERATIONS MANAGER  
Phone: ( 316 ) 267-4379 (ext 107)  
Contractor: Name: HARDT DRILLING LLC  
License: 33902 *MAR 17 2009*  
Wellsite Geologist: BILLY G. KLAVER

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:  
Operator: n/a  
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. \_\_\_\_\_

11/17/2008 11/26/2008 01/21/2009  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 007 - 23393-0000 Qtr call: 10' W of C NE SE NW

County: BARBER  
W2 NE SE NW Sec. 16 Twp. 34 S. R. 11  East  West  
1650 feet from S (N) (circle one) Line of Section  
2300 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: LANDIS Well #: 1  
Field Name: SCHUPBACH NW

Producing Formation: MISSISSIPPIAN  
Elevation: Ground: 1337 Kelly Bushing: 1347  
Total Depth: 5104 Plug Back Total Depth: 4892  
Amount of Surface Pipe Set and Cemented at 217 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from n/a  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt. *Alt I - Dig - 4/20/09*

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content 14,500 ppm Fluid volume 1800 bbls  
Dewatering method used HAUL FREE FLUIDS AND ALLOW TO DRY  
Location of fluid disposal if hauled offsite:  
Operator Name: OIL PRODUCERS OF KANSAS  
Lease Name: LEON MAY License No.: 8061  
Quarter \_\_\_\_\_ Sec. 13 Twp. 35 S. R. 16  East  West  
County: COMANCHE Docket No.: D - 28,472

**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.

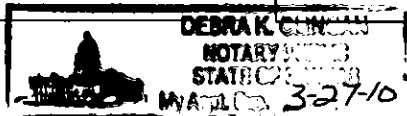
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: \_\_\_\_\_  
Title: Dean Pattison, Operations Manager Date: March 17, 2009

Subscribed and sworn to before me this 17th day of March  
20 09

Notary Public: Debra K. Clingan  
Date Commission Expires: March 27, 2010

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**MAR 17 2009**



**KCC WICHITA**

Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: LANDIS Well #: 1  
 Sec. 16 Twp. 34 S. R. 11  East  West County: BARBER

**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 Neutron Density PE  
 Dual Induction  
 Cement Bond

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name	Datum
	Chase	1764 - 417
	Toronto	3636 - 2289
	Douglas	3650 - 2303
	Swope	4316 - 2969
	Hertha	4348 - 3001
	Mississippian	4564 - 3217
	Viola	4881 - 3534
	Simpson	4995 - 3648

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	# Sacks Used	Type and Percent Additives
Surface	14 3/4"	10 3/4"	32# / ft	217'	Class A	225	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5# / ft	4946'	60/40 poz	50	4% gel, 1/4# Floseal
					Class H	180	10% salt, 10% Gypseal, 1/4# Floseal, 6# Kolseal & .8% FL180

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	Mississippian 4554' - 4558'	ACID: 3800 gal 10% MIRA	4554' -
3	Mississippian 4566' - 4616', 4628' - 4634' & 4648' - 4664'	FRAC: 365,000 gal treated 2% KCl wtr, 135,100# 30/70 sd, 24,000# 16/30 sd & 11,500# 16/30 resin coated sd	4664' OA

*See logs w/ 9/20/09 10/1/09*

**\* SHUT-IN NTC ON PIPELINE**

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	4698'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
* Production testing 02/17/2009 (ONLY)		<input type="checkbox"/> Flowing <input checked="" 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 n/a
			180		

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 4554' - 4664' OA

# ALLIED CEMENTING CO., LLC. 32598

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lodge

Landis

DATE <u>11-17-09</u>	SEC <u>16</u>	TWP <u>34S</u>	RANGE <u>11W</u>	CALLED OUT <u>8:00 PM</u>	ON LOCATION <u>9:30</u>	JOB START <u>10:30 PM</u>	JOB FINISH <u>11:00 PM</u>
LEASE <del>XXXX</del>	WELL # <u>1</u>	LOCATION <u>281 &amp; Scott Canyon Rd, 2 E</u>			COUNTY <u>Barber</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)				<u>do North 8500 1/2 S, east along fence</u>			

CONTRACTOR Herz #1 OWNER Woolsey Operating

TYPE OF JOB Surface

HOLE SIZE 14 3/4 T.D. 277 CEMENT AMOUNT ORDERED 225sq class A + 390cc

CASING SIZE 10 3/4 DEPTH 225 TUBING SIZE DEPTH 2 3/8 gal

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON 225 A @ 15.45 3476.25

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. 15' GEL 4 @ 20.80 83.20

PERFS. CHLORIDE 8 @ 58.20 465.60

DISPLACEMENT 21 bbls of fresh water ASC @

**EQUIPMENT**

PUMP TRUCK CEMENTER Darin F.

# 372 HELPER Newton D.

BULK TRUCK DRIVER Reed F.

BULK TRUCK # DRIVER

HANDLING 237 @ 2.40 568.80

MILEAGE 18 x 237 x .10 426.60

TOTAL 5020.45

**REMARKS:**

Pipe on bottom & break circulation  
Pump 3 bbls fresh water show, mix  
225sq of cement, start displacement  
pump 21 bbls & show m, cement  
& circulate

**SERVICE**

DEPTH OF JOB 275

PUMP TRUCK CHARGE 1018.00

EXTRA FOOTAGE @

MILEAGE 18 @ 7.00 126.00

MANIFOLD @

TOTAL 1144.00

**PLUG & FLOAT EQUIPMENT**

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES ~~1144.00~~

DISCOUNT ~~0.00~~ IF PAID IN 30 DAYS

**ANY APPLICABLE TAX  
WILL BE CHARGED  
UPON INVOICING**

PRINTED NAME x Scott C Adelhardt

SIGNATURE x Scott C Adelhardt

**KCC  
MAR 17 2009  
CONFIDENTIAL**

CHARGE TO: Woolsey Operating **RECEIVED**

STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP MAR 17 2009

**KCC WICHITA**

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

# ALLIED CEMENTING CO., LLC. 34132

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Midline, Kansas

DATE <u>11-27-09</u>	SEC. <u>16</u>	TWP. <u>34S</u>	RANGE <u>11W</u>	CALLED OUT <u>4:30 AM</u>	ON LOCATION <u>6:30 AM</u>	JOB START <u>11:00 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>Land's</u>	WELL# <u>1</u>	LOCATION <u>261 + Scott Canyon Rd, 2 E, 1/2 S,</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>			<u>E Into Along Fence</u>				

CONTRACTOR Hardt #1  
 TYPE OF JOB Production casing  
 HOLE SIZE 7 7/8" T.D. 5104'  
 CASING SIZE 4 1/2" DEPTH 4,946  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1,700 MINIMUM 100  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 40.92'  
 CEMENT LEFT IN CSG. 40.92'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 79 BBL 2% KCL

OWNER Woolsey Operating  
 CEMENT  
 AMOUNT ORDERED 6554 60' 40' 4 + 1/4" Flo Seal  
1105X class H + 10% Gyp + 10% Salt + 16" Kcl seal +  
.8% FL-160 + 1/4" Flo Seal

COMMON	<u>39 A</u>	@ <u>15.45</u>	<u>602.55</u>
POZMIX	<u>26</u>	@ <u>8.00</u>	<u>208.00</u>
GEL	<u>2</u>	@ <u>20.80</u>	<u>41.60</u>
CHLORIDE		@	
ASC		@	
180 Class H		@ <u>16.75</u>	<u>3015.00</u>
Flo Seal 62"		@ <u>2.50</u>	<u>155.00</u>
Gyp Seal 17		@ <u>29.20</u>	<u>496.40</u>
Salt 20		@ <u>12.00</u>	<u>240.00</u>
Kol Seal 1080		@ <u>.89</u>	<u>961.20</u>
FL-160 135"		@ <u>13.30</u>	<u>1795.50</u>
		@	
		@	
HANDLING	<u>312</u>	@ <u>2.40</u>	<u>748.80</u>
MILEAGE	<u>18 x 312 x .10</u>		<u>561.60</u>
			TOTAL <u>8825.65</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Thomas Dornow</u>
# <u>361-302</u>	HELPER <u>Raymond R.</u>
BULK TRUCK	
# <u>363-249</u>	DRIVER <u>Donald H.</u>
BULK TRUCK	
# _____	DRIVER _____

REMARKS:

Pile on Dotting Break circulation, Pump 5 Bbl fresh  
Ahead Pump Run w/ 1554 60' 40' 4 + 1/4" Flo Seal,  
Final Production - 5054 60' 40' 4 + 1/4" Flo Seal, 1105X class H  
+ 10% Gyp + 10% Salt + 16" Kcl seal + .8% FL-160 + 1/4" Flo Seal,  
500 Bbls, wash 300 Bbls, Release Plug, Start 2nd place -  
ment See List, Slow Rate, 2nd Plug, Float held  
2 1/2 hrs w/ 79 BBL 2% KCL water  
That's all

SERVICE

DEPTH OF JOB	<u>4,946'</u>		
PUMP TRUCK CHARGE			<u>2185.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>18</u>	@ <u>7.00</u>	<u>126.00</u>
MANIFOLD	@		
Head Rental	<u>1</u>	@ <u>113.00</u>	<u>113.00</u>
	@		
			TOTAL <u>2424.00</u>

**KCC**  
**MAR 17 2009**  
**CONFIDENTIAL**

CHARGE TO: Woolsey Operating  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**RECEIVED**  
**MAR 17 2009**

To Allied Cementing Co., LLC.  
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PRINTED NAME X Mike Tharp  
 SIGNATURE X Mike Tharp

PLUG & FLOAT EQUIPMENT

AFU Float shoe	<u>1</u>	@ <u>434.00</u>	<u>434.00</u>
Latch Down Plug	<u>1</u>	@ <u>405.00</u>	<u>405.00</u>
Turbolizers	<u>12</u>	@ <u>68.00</u>	<u>816.00</u>
Rec. Scrubbers	<u>32</u>	@ <u>68.00</u>	<u>2176.00</u>
	@		
			TOTAL <u>3831.00</u>

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 2424.00  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
 ANY APPLICABLE TAX  
 WILL BE CHARGED  
 UPON INVOICING