

CONFIDENTIAL

ORIGINAL

1/21/11

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

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: H2 DRILLING LLC  
License: 33793 JAN 21 2009  
Wellsite Geologist: ROGER FISHER

Designate Type of Completion: KCC  
 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. \_\_\_\_\_  

<u>09/23/2008</u>	<u>10/02/2008</u>	<u>10/30/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 007-23363 0000  
County: BARBER  
NW NE SE SW Sec. 33 Twp. 33 S. R. 11  East  West  
1180 feet from (S) / N (circle one) Line of Section  
2160 feet from E / (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: HARBAUGH F Well #: 1  
Field Name: RHODES  
Producing Formation: MISSISSIPPIAN  
Elevation: Ground: 1364 Kelly Bushing: 1373  
Total Depth: 5035 Plug Back Total Depth: 4902  
Amount of Surface Pipe Set and Cemented at 248 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 crnt.

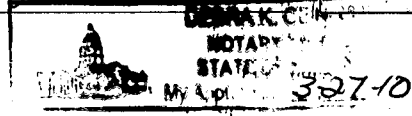
Drilling Fluid Management Plan AKINJ42307  
(Data must be collected from the Reserve Pit)  
Chloride content 18,500 ppm Fluid volume 1800 bbls  
Dewatering method used Haul off free fluids and allow to dehydrate  
Location of fluid disposal if hauled offsite:  
Operator Name: n/a  
Lease Name: \_\_\_\_\_ 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: \_\_\_\_\_  
Title: Dean Pattisson, Operations Manager Date: January 21, 2009  
Subscribed and sworn to before me this 21st day of January,  
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**  
KANSAS CORPORATION COMMISSION  
**JAN 21 2009**



CONSERVATION DIVISION  
WICHITA, KS

Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: HARBAUGH F Well #: 1  
 Sec. 33 Twp. 33 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	Top	Datum
Chase	1748	- 375
Toronto	3598	- 2225
Douglas	3615	- 2242
Swope	4270	- 2897
Hertha	4296	- 2923
Mississippian	4521	- 3148
Viola	4834	- 3461
Simpson	4937	- 3564

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"	32.75# / ft	248'	Class A	200	2%gel, 3%cc
Production	7 7/8"	4 1/2"	10.5# / ft	4944'	60/40 poz	50	4% gel, 1/4# Floseal
					Class H	150	10% salt, 10% Gypseal, 6# Kalseal, 1/4# Floseal, ClaPro, .8% FL-160

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 4521'-4543'	Acid: 4000 gal 10% MIRA	4521' -
2	Mississippian 4550'-4586' & 4590'-4608'	Frac: 365,700 gal treated wtr, 135,100# 30/70 sd, 24,000# 16/30 sd & 11,500# 16/30 resin coated sd	4608' OA

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	4517'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
01/02/2009		<input checked="" 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
	2	45	20	22,500 : 1	n/a

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 4521' - 4608' OA

# ALLIED CEMENTING CO., LLC. 34301

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

SERVICE POINT:  
MEDICINE LODGE

DATE <u>2-23-08</u>	SEC. <u>33</u>	TWP. <u>33S</u>	RANGE <u>11W</u>	CALLED OUT <u>8:00 pm</u>	ON LOCATION <u>9:10:00 pm</u>	JOB START <u>12:30 am</u>	JOB FINISH <u>1:00 am</u>
LEASE <u>HANSAUGH F</u>		WELL# <u>1</u>	LOCATION <u>MEDICINE LODGE, SOUTH TO</u>			COUNTY <u>SARASOT</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)			TALBOT RD, 2 1/2 EAST, N/S				

CONTRACTOR Fossil H-2 #3  
 TYPE OF JOB SURFACE CASING  
 HOLE SIZE 14 3/4" T.D. 252'  
 CASING SIZE 10 3/4" DEPTH 250'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2" DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 250 MINIMUM 100  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 15'  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 23 1/4 bbl. FRESH WATER

OWNER WOOLSEY OPERATING  
 CEMENT  
 AMOUNT ORDERED 200 SK CLASS A + 39 cc + 29 GEL  
 COMMON 200 A @ 15.45 3090.00  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL 4 @ 20.80 83.20  
 CHLORIDE 7 @ 58.20 407.40  
 ASC \_\_\_\_\_ @ \_\_\_\_\_

EQUIPMENT

PUMP TRUCK	CEMENTER <u>BILL M.</u>
# <u>414</u>	HELPER <u>RAYMOND K.</u>
BULK TRUCK	
# <u>381</u>	DRIVER <u>DONALD H.</u>
BULK TRUCK	
# _____	DRIVER _____

WELL FILE

Regulatory Correspondence	@	_____
<input checked="" type="radio"/> Comp Workovers	@	_____
Tests / Meters Operations	@	_____
	@	_____
	@	_____
	@	_____
	@	_____
HANDLING <u>211</u>	@	<u>2.40</u> <u>506.40</u>
MILEAGE <u>15 x 211 x .10</u>		<u>316.50</u>
TOTAL		<u>4403.50</u>

REMARKS:  
PIPE ON BOTTOM, BREAK CIRCULATION,  
PUMP PRE-FLUSH, PUMP 200 SK CLASS A +  
39 cc + 29 GEL, SWITCH TO DISPLACEMENT,  
SEE LIFT SLOW RATE, DISPLACE WITH  
23 1/4 bbl. FRESH WATER, STOP PUMPS,  
SHUT-IN. CIRCULATE CEMENT.

SERVICE

DEPTH OF JOB <u>250'</u>		
PUMP TRUCK CHARGE		<u>1018.00</u>
EXTRA FOOTAGE	@	_____
MILEAGE <u>15</u>	@	<u>7.00</u> <u>105.00</u>
MANIFOLD	@	_____
	@	_____
	@	_____
TOTAL		<u>1123.00</u>

CHARGE TO: WOOLSEY OPERATING  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

<b>RECEIVED</b>	
@ KANSAS CORPORATION COMMISSION	
<u>None</u>	@ <b>JAN 21 2009</b>
@ CONSERVATION DIVISION	
WICHITA, KS	
TOTAL _____	

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.

PRINTED NAME SCOTT ALBERG  
 SIGNATURE [Signature]

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES [Circled Total]  
 DISCOUNT [Circled Discount] IF PAID IN 30 DAYS

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

**KCC  
JAN 21 2009  
CONFIDENTIAL**

# ALLIED CEMENTING CO., LLC. 34038

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

SERVICE POINT:  
*Medicine Lodge, KS*

DATE <u>03 Oct 08</u>	SEC. <u>33</u>	TWP. <u>33 S</u>	RANGE <u>11 W</u>	CALLED OUT <u>11:00 AM</u>	ON LOCATION <u>12:30 PM</u>	JOB START <u>4:30 PM</u>	JOB FINISH <u>5:30 PM</u>
LEASE <u>Hoebaugh</u>		WELL # <u>F-#1</u>		LOCATION <u>US 281 &amp; Talbot Rd, 2 1/2 E,</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>			N/into				

CONTRACTOR H-2 #3

TYPE OF JOB Production Casing

HOLE SIZE 7 7/8 T.D. 5035

CASING SIZE 4 1/2 DEPTH 4943

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 1500 MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 41

CEMENT LEFT IN CSG. 41

PERFS. \_\_\_\_\_

DISPLACEMENT 79 Bbls 2% KCL Water

OWNER Woolsey Oper.

CEMENT

AMOUNT ORDERED 655# 60:40:4 + 1/4" Float

Seal # 150sxH + 10% gyp + 10% salt + 6#

Kalsol + 8% FL160 + 1/4" Float and 8 Seal Clapco

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		@		
	<u>150 H</u>	@	<u>16.75</u>	<u>2512.50</u>
	<u>Flo Seal 54 #</u>	@	<u>2.50</u>	<u>135.00</u>
	<u>Gyp Seal 14</u>	@	<u>29.20</u>	<u>408.80</u>
	<u>Salt 16</u>	@	<u>12.00</u>	<u>192.00</u>
	<u>Kot Seal 900 #</u>	@	<u>8.89</u>	<u>801.00</u>
	<u>FL-160 113 #</u>	@	<u>13.30</u>	<u>1502.90</u>
	<u>Clap Pro 8 gl</u>	@	<u>31.25</u>	<u>250.00</u>
		@		
HANDLING	<u>269</u>	@	<u>2.40</u>	<u>645.60</u>
MILEAGE	<u>15 x 269 x .60</u>			<u>403.50</u>
TOTAL				<u>7703.45</u>

**KCC**  
JAN 21 2009  
**CONFIDENTIAL**

EQUIPMENT

PUMP TRUCK CEMENTER D. Felix

# 352 HELPER M. Becken

BULK TRUCK

# 353 DRIVER MATT

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REGISTRATION Correspondence  
Dtg / Comp Workovers  
Meters Operations

REMARKS:

Pipe on Bttm, Break Ck., Plug Rat Hole w/ 15sx 60:40+49gel+1/4" Float, Pump 50sx Swagelok Cement, Mix 150sx tail Cement, Stop Pump, Wash Pump & Lines, Release Plug, Start Disp. w/ 2% KCL water, Recip. Pipe, See in-chase in PST, Sing Recip. Pipe, Slow Rate, Bump Plug at 79 Bbls total Disp, Release PST, Float D. Hold

SERVICE

DEPTH OF JOB 4943

PUMP TRUCK CHARGE \_\_\_\_\_ 2185.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 15 @ 7.00 105.00

MANIFOLD Head Rental @ 113.00 113.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 2403.00

CHARGE TO: Woolsey Oper.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

**RECEIVED**  
KANSAS CORPORATION COMMISSION

JAN 21 2009

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.

4 1/2" PLUG & FLOAT EQUIPMENT

<u>1-AFD Float Shoe</u>	@	<u>434.00</u>	<u>434.00</u>
<u>1-Latch down Plug Assy.</u>	@	<u>405.00</u>	<u>405.00</u>
<u>9-turbolizers</u>	@	<u>79.00</u>	<u>711.00</u>
<u>28-Recip Scratchers</u>	@	<u>74.00</u>	<u>2072.00</u>
	@		
TOTAL <u>3622.00</u>			

PRINTED NAME Carl W. Durr

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 13728.45

DISCOUNT 1372.84 IF PAID IN 30 DAYS

SIGNATURE Carl W. Durr ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING

Net # 12355.61