

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

5/28/12

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33168  
Name: WOOLSEY OPERATING COMPANY, LLC  
Address 1: 125 N. Market  
Address 2: Suite 1000  
City: Wichita State: KS Zip: 67202  
Contact Person: Dean Pattison  
Phone: (316) 267-4379 (ext. 107)  
CONTRACTOR: License # 33793  
Name: H2 DRILLING LLC  
Wellsite Geologist: SCOTT ALBERG  
Purchaser: PLAINS MARKETING / BLUESTEM GAS MARKETING

API No. 15 - 007-23497 0000  
Spot Description: \_\_\_\_\_  
NE SE SE NW Sec. 20 Twp. 34 S. R. 11  East  West  
2230 Feet from  North /  South Line of Section  
2390 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: BARBER  
Lease Name: SUMMERS A Well #: 4  
Field Name: SHORT  
Producing Formation: MISSISSIPPIAN  
Elevation: Ground: 1372 Kelly Bushing: 1383  
Total Depth: 4900 Plug Back Total Depth: 4854  
Amount of Surface Pipe Set and Cemented at: 223 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 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.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
02/03/2010 02/09/2010 03/24/2010  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

Drilling Fluid Management Plan AKINS 6-210  
(Data must be collected from the Reserve Pit)  
Chloride content: 26,000 ppm Fluid volume: 1800 bbls  
Dewatering method used: Haul free fluids and allow to dry  
Location of fluid disposal if hauled offsite:  
Operator Name: n/a  
Lease Name: \_\_\_\_\_ License No.: 33168  
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 Pattison Date: 28 May, 2010  
Exploration and Production Manager  
Subscribed and sworn to before me this 28<sup>th</sup> day of May, 2010.  
Notary Public: Debra K. Clingan  
Date Commission Expires: March 27, 2014

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



RECEIVED  
MAY 28 2010  
KCC WICHITA

Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: SUMMERS A Well #: 4  
 Sec. 20 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: Neutron Density Dual Induction Cement Bond	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Chase</td> <td>183</td> <td>- 448</td> </tr> <tr> <td>Douglas</td> <td>3743</td> <td>- 2360</td> </tr> <tr> <td>Hertha</td> <td>4426</td> <td>- 3043</td> </tr> <tr> <td>Mississippian</td> <td>4641</td> <td>- 3258</td> </tr> <tr> <td>Kinderhook</td> <td>4859</td> <td>- 3476</td> </tr> </table>	Name	Top	Datum	Chase	183	- 448	Douglas	3743	- 2360	Hertha	4426	- 3043	Mississippian	4641	- 3258	Kinderhook	4859	- 3476
Name	Top	Datum																	
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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	223	Class A	225	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5# / ft	4898	60/40 poz	50	4% gel, 1/4# Floeal
					Class H	160	10% salt, 10% Gypseal, 1/4# Floeal, 6# Kolseal, ClaPro & .8% FL160

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	Perf Miss zone 4632'-4635', 4640'-4644' & 4654'-4668'	ACID: 4050 gal 10% MIRA	4632' -
2	Perf Miss zone 4674'-4690', 4716'-4740', 4776'-4783' & 4806'-4815'	FRAC: 459,800 gal treated 2% KCl water, 168,600# 30/70 sand, 30,000# 16/30 sand & 18,000# 16/30 resin coated sand.	4815' oa

TUBING RECORD:	Size: 2 3/8"	Set At: 4738'	Packer At: n/a	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 03/30/2010	Producing Method: <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. 50      Gas Mcf 100      Water Bbls. 170      Gas-Oil Ratio 2000 : 1      Gravity 23

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 4632' - 4815' OA
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# ALLIED CEMENTING CO., LLC. 036968

**KCC**  
MAY 28 2010  
**CONFIDENTIAL**

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

SERVICE POINT:  
Medicine Lodge, KS

DATE <u>2-3-2010</u>	SEC. <u>20</u>	TWP. <u>34N</u>	RANGE <u>11W</u>	CALLED OUT <u>3:30 PM</u>	ON LOCATION <u>6:00 PM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>9:30 AM</u>
LEASE <u>Summers</u>		WELL # <u>4</u>		LOCATION <u>281 &amp; Scott Canyon Rd, 2 E to</u>		COUNTY <u>Barton</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				LOCATION <u>North Star Rd, 1/2 mi W of US 160 CS&amp;H pins, 30477 rd R.1's</u>			

CONTRACTOR <u>H2 Drilling</u>	OWNER <u>Woolsey Operating</u>
TYPE OF JOB <u>Surf Cie</u>	
HOLE SIZE <u>14 3/4</u>	T.D. <u>225</u>
CASING SIZE <u>10 3/4</u>	DEPTH <u>223'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>20'</u>	
PERFS.	
DISPLACEMENT <u>19 3/4 bbls of fresh water</u>	

CEMENT	AMOUNT ORDERED <u>225sx Class B + 3% cc</u>
	<u>2% Gel</u>
COMMON <u>225sx</u>	@ <u>15.45</u> <u>3,476.25</u>
POZMIX	@
GEL <u>55x</u>	@ <u>20.80</u> <u>1,041.00</u>
CHLORIDE <u>75x</u>	@ <u>58.30</u> <u>4,074.40</u>
ASC	@

**EQUIPMENT**

PUMP TRUCK CEMENTER <u>Darin F</u>
# <u>360-265</u> HELPER <u>Scott P</u>
BULK TRUCK
# <u>421-251</u> DRIVER <u>Matt T</u>
BULK TRUCK
# DRIVER

**WELL FILE**  
Regulatory Correspondence  
Permitting Workovers  
Comp Operations  
Tests / Meters

HANDLING <u>225sx</u>	@ <u>240</u>	<u>540.00</u>
MILEAGE <u>225sx 15x.10 =</u>		<u>337.50</u>
		TOTAL <u>4,865.15</u>

**REMARKS:**

Pipe on bottom & break circulation, pump  
3 bbls of fresh water shed, mix  
225sx of cement, Displace 19 3/4 bbls  
of fresh water, shut in, cement did  
circulate

**SERVICE**

DEPTH OF JOB <u>223'</u>	
PUMP TRUCK CHARGE	<u>1,018.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>15</u>	@ <u>7.00</u> <u>105.00</u>
MANIFOLD	@
<u>Sledge &amp; Vstbx</u>	@
TOTAL <u>1,123.00</u>	

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

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
<u>None</u>	@	
	@	
		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.

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 1,123.00  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME X MIKE THOMP

SIGNATURE X Mike Thomp

RECEIVED  
MAY 28 2010  
KCC WICHITA

# ALLIED CEMENTING CO., LLC. 037095

KCC  
MAY 28 2010  
CONFIDENTIAL

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

SERVICE POINT:

Medicine Lodge

DATE 2-10-10	SEC. 20	TWP. 34N	RANGE 11W	CALLED OUT 2:30p.m.	ON LOCATION 3:30p.m.	JOB START 10:00p.m.	JOB FINISH 11:00p.m.
LEASE Sugers	WELL # 4	LOCATION 281+ Scott Canyon Rd. 26,			COUNTY Barber	STATE MS.	
OLD OR (NEW) (Circle one)		1s, 1/2 w/l into					

CONTRACTOR H-2  
TYPE OF JOB production  
HOLE SIZE 7 7/8 T.D. 4900'  
CASING SIZE 4 1/2 DEPTH 1918'  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX 1700\* MINIMUM  
MEAS. LINE SHOE JOINT 43'  
CEMENT LEFT IN CSG.  
PERFS.  
DISPLACEMENT 7 3/4 BBLs 2% KCl

OWNER Wodsey operating  
CEMENT  
AMOUNT ORDERED 85yx (100' 40' 4" 1/4 #) flo seal  
110yx H + 10' b g + 10' salt + 6" Kcl Seal +  
8' 2" fl + 11' 6" + 14' fl + seal Clapro - 9 gals

EQUIPMENT  
PUMP TRUCK CEMENTER MARK C.  
# 360-265 HELPER Scott P.

COMMON 51 A sk	@ 15.45	787 <sup>00</sup>
POZMIX 34 sk	@ 8.00	272 <sup>00</sup>
GEL 3 sk	@ 20.00	62 <sup>00</sup>
CHLORIDE	@	
ASC	@	
H 160 sk	@ 16.25	2680 <sup>00</sup>
Flo seal 61	@ 2.50	152 <sup>00</sup>
Byr seal 15 sk	@ 29.00	438 <sup>00</sup>
Kl seal 960	@ .89	854 <sup>00</sup>
Fl-160 120	@ 13.20	1586 <sup>00</sup>
Clapro 9 Gals	@ 31.22	281 <sup>00</sup>

BULK TRUCK DRIVER MATT T  
BULK TRUCK DRIVER WELL FILE  
# DRIVER Regulatory Correspondence  
Drig Comp Workovers  
Tests / Meters Operations

HANDLING 245	@ 2.40	588 <sup>00</sup>
MILEAGE 245/10/15		367 <sup>00</sup>
TOTAL		9080 <sup>00</sup>

2 1/2 pipe on bottom, lose seal circ. plug rate  
mouse, mix 50yx scavenger, mix 110yx  
H + 10' g + 10' salt + 6" Kcl seal + 8' fl + 11' 6"  
Wash pump then disp w/ 2% Kcl water.  
Seal lift, blow rate, pump plug 1000  
over @ 7 3/4 BBLs. Flood did

SERVICE

DEPTH OF JOB 4918		
PUMP TRUCK CHARGE		2125 <sup>00</sup>
EXTRA FOOTAGE	@	
MILEAGE 15	@ 7.00	105 <sup>00</sup>
MANIFOLD	@	
	@	
TOTAL		2290 <sup>00</sup>

CHARGE TO: Wodsey operating  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### PLUG & FLOAT EQUIPMENT

1-AFU Flood shoe	@	205 <sup>00</sup>
1-Latch Down Plug	@	145 <sup>00</sup>
10-Tubularizers	@ 37.80	378 <sup>00</sup>
9-Scratchers	@ 55.55	500 <sup>00</sup>
TOTAL		1228 <sup>00</sup>

To Allied Cementing Co., LLC.  
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SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME x Allen F. Dick  
SIGNATURE x *Allen F. Dick*

Thank you

RECEIVED  
MAY 28 2010  
KCC WICHITA