

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 # 5929
Name: DUKE DRILLING CO., INC.
Wellsite Geologist: Curtis Covey
Purchaser: n/a
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other
(Core, WSW, Expl., Cathodic, etc.)

RECEIVED
AUG 19 2010
KCC WICHITA

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.: D - 30567
02/04/2010 02/23/2010 03/23/2010
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 007-23495 0000
Spot Description: _____
NE NW NE NE Sec. 1 Twp. 34 S. R. 11 East West
200 Feet from North / South Line of Section
780 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: BARBER
Lease Name: SWARTZ Well #: 2 SWD
Field Name: KOCHIA
Producing Formation: n/a
Elevation: Ground: 1432 Kelly Bushing: 1443
Total Depth: 6656 Plug Back Total Depth: 6651
Amount of Surface Pipe Set and Cemented at: 214 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.

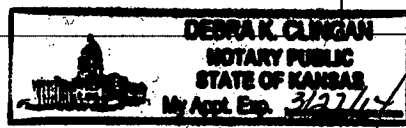
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 33,000 ppm Fluid volume: 1500 bbls
Dewatering method used: Haul free fluids and allow to dry
Location of fluid disposal if hauled offsite: _____
Operator Name: WOOLSEY OPERATING COMPANY, LLC
Lease Name: HARBAUGH 2 SWD License No.: 33168
Quarter _____ Sec. 32 Twp. 33 S. R. 11 East West
County: BARBER Docket No.: D - 30,333

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: August 16, 2010
Exploration and Production Manager
Subscribed and sworn to before me this 16th day of August,
20 10.
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
All 1-Dlg - 8/20/10



Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: SWARTZ Well #: 2 SWD
 Sec. 1 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>1804</td> <td>- 361</td> </tr> <tr> <td>Douglas</td> <td>3677</td> <td>- 2234</td> </tr> <tr> <td>Hertha</td> <td>4381</td> <td>- 2938</td> </tr> <tr> <td>Mississippian</td> <td>4606</td> <td>- 3163</td> </tr> <tr> <td>Simpson</td> <td>5029</td> <td>- 3586</td> </tr> <tr> <td>Arbuckle</td> <td>5207</td> <td>- 3764</td> </tr> <tr> <td>Granite Wash</td> <td>6340</td> <td>- 4897</td> </tr> </table>	Name	Top	Datum	Chase	1804	- 361	Douglas	3677	- 2234	Hertha	4381	- 2938	Mississippian	4606	- 3163	Simpson	5029	- 3586	Arbuckle	5207	- 3764	Granite Wash	6340	- 4897
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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	17 1/2"	13 3/8"	48# / ft	214	Class A	240	2% gel, 3% cc
Production	9 7/8"	7"	23# / ft	5253	60/40 poz	50	4% gel, 1/4# Floseal
					Class H	175	10% salt, 10% Gypseal, 6# Korseal, 1/4# Celoflake & .8% fluid loss

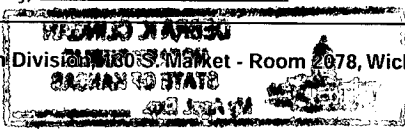
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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
		ACID: 7000 gal 28% ICA	5835' -
			6649'

TUBING RECORD:	Size: 4 1/2" x 11.6#/ft	Set At: 5247'	Packer At: n/a	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production: <u>SWD</u> or Enhr. 03/31/2010		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. n/a	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Mail to: KCC - Conservation Division, 1805 S. Market - Room 2078, Wichita, Kansas 67202



ALLIED CEMENTING CO., LLC. 043090

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

SERVICE POINT:
Medicine Lodge, KS

DATE <i>02 04 10</i>	SEC. <i>01</i>	TWP. <i>34s</i>	RANGE <i>11w</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>11:45 AM</i>
LEASE <i>Swartz</i>	WELL # <i>SWD#2</i>	LOCATION <i>Tri City Rd & Garden St, 3w,</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)		<i>S & E/into</i>					

CONTRACTOR *Duke #10*

TYPE OF JOB *Surface*

HOLE SIZE *17 1/2* T.D. *215*

CASING SIZE *13 3/8* DEPTH *214*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *300* MINIMUM *-*

MEAS. LINE SHOE JOINT *N/A*

CEMENT LEFT IN CSG. *20'*

PERFS.

DISPLACEMENT *#29 Bbls Fresh H₂O*

OWNER *Woolsey*

CEMENT AMOUNT ORDERED *240sx "A" + 3%_{cc} + 2%_{gel}*

EQUIPMENT

PUMP TRUCK CEMENTER *D. Felis*

360-265 HELPER *S. Priddy*

BULK TRUCK

421-251 DRIVER *M. Thimesch*

BULK TRUCK

DRIVER

WELL FILE

Regulatory Correspondence
Dng Comp Workovers
Tests / Meters Operations

COMMON <i>Class A</i>	<i>240 @ 15.45</i>	<i>3708.00</i>
POZMIX	@	
GEL	<i>5 @ 20.80</i>	<i>104.00</i>
CHLORIDE	<i>9 @ 58.20</i>	<i>523.80</i>
ASC	@	
HANDLING	<i>240 @ 2.40</i>	<i>576.00</i>
MILEAGE	<i>240/15/1.0</i>	<i>360.00</i>
TOTAL		<i>5,271.80</i>

REMARKS:

Pipe on Btm, Break Cc, Pump Spacer, Mix 240sx A² cement, Start Disp. w/ Fresh H₂O, Wash up on top. See incogals in PST, Slow Rate, Stop Pump at #29 Bbls total Disp., Shut in, Cement Did Cc.

SERVICE

DEPTH OF JOB <i>214</i>		
PUMP TRUCK CHARGE		<i>1018.00</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>15 @ 7.00</i>	<i>105.00</i>
MANIFOLD	@	
TOTAL		<i>1123.00</i>

CHARGE TO: *Woolsey Oper.*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<i>None</i>	@	
	@	
	@	
	@	
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 *MIRE THARP*

SIGNATURE *Mire Tharp*

SALES TAX (If Any) _____

TOTAL CHARGES *1123.00*

DISCOUNT _____ IF PAID IN 30 DAYS

CEM. DID CIR

RECEIVED
AUG 19 2010
KCC WICHITA

ALLIED CEMENTING CO., LLC. 043094

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

SERVICE POINT:
Medicine Lodge, KS

DATE <i>02-24-10</i>	SEC. <i>01</i>	TWP. <i>34s</i>	RANGE <i>11w</i>	CALLED OUT	ON LOCATION <i>5:30 PM</i>	JOB START <i>10:45 AM</i>	JOB FINISH <i>11:45 AM</i>
LEASE <i>Swartz</i>	WELL# <i>2</i>	LOCATION <i>Tricity & Gerlane Rds, 3 mi S & E into</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <input checked="" type="radio"/> OLD							

CONTRACTOR *Duke #10*
 TYPE OF JOB *Production Casing*
 HOLE SIZE *9 1/8* T.D. *5263*
 CASING SIZE *7"* DEPTH *5263*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL *Triplex Shoe* DEPTH
 PRES. MAX *1600* MINIMUM *-*
 MEAS. LINE SHOE JOINT *47.24*
 CEMENT LEFT IN CSG. *47'*
 PERFS.
 DISPLACEMENT *205 Bbls Fresh H₂O*

OWNER *Woolsey*

CEMENT
 AMOUNT ORDERED *85 sx 60:40: 4% gel + 1/4" Floseal & 175 sx "H" + 10% salt + 10% gyp + 6" Kolseal + 1/4" Floseal + .8% FC/160*

COMMON <i>51 SX</i>	@ <i>15.45</i>	<i>787.95</i>
POZMIX <i>34 SX</i>	@ <i>8.00</i>	<i>272.00</i>
GEL <i>3 SX</i>	@ <i>20.00</i>	<i>62.40</i>
CHLORIDE	@	
ASC	@	
<i>Class H 175 SX</i>	@ <i>16.15</i>	<i>2931.25</i>
<i>Gypseal 16 SX</i>	@ <i>29.30</i>	<i>467.20</i>
<i>Salt 19 SX</i>	@ <i>12.00</i>	<i>228.00</i>
<i>Kolseal 1050</i>	@ <i>8.9</i>	<i>934.50</i>
<i>Floseal 65#</i>	@ <i>2.50</i>	<i>162.50</i>
<i>F1-160 1.31</i>	@ <i>13.30</i>	<i>1742.30</i>

EQUIPMENT
 PUMP TRUCK CEMENTER *D. Felio*
 # *47F-302* HELPER *S. Priddy*
 BULK TRUCK
 # *363-214* DRIVER *R. Woolley*
 BULK TRUCK
 # DRIVER *Regulatory Correspondence*
Drig / Comp Workovers
Tests / Meters Operations

HANDLING *260* @ *2.40* *624.00*
 MILEAGE *260 / 10 / 15* @ *3.90* *1026.00*
 TOTAL *8602.10*

REMARKS:

Pipe on Btm Break Circ. Set Triplex Shoe Plug Ret & Make Holes w/ 35sx 60:40 cement, Pump 50 sx Scavenger. Cement Mix 175 sx tail Cement, Stop Pump, Wash Pump & Lines, Release Plug, Start Disp. w/ Fresh H₂O, See Steady increase in PSI, Slow Rate, Bump Plug @ 205 Bbls total Disp., Hold for 15 min. Float Held, Ret

SERVICE

DEPTH OF JOB <i>5263</i>		
PUMP TRUCK CHARGE		<i>2185.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>15</i>	@ <i>7.00</i>	<i>105.00</i>
MANIFOLD <i>Head Rental</i>	@	

CHARGE TO: *Woolsey Oper.*
 STREET
 CITY STATE ZIP

RECEIVED

AUG 19 2010

TOTAL *2290.00*

PLUG & FLOAT EQUIPMENT
KCC WICHITA

<i>1- Triplex Shoe</i>	@	<i>1002.40</i>
<i>1- Catchdown Plug Assy.</i>	@	<i>761.00</i>
<i>7- Turbolizers</i>	@ <i>46.00</i>	<i>322.42</i>
<i>3- Recip. Scatchers</i>	@ <i>42.00</i>	<i>126.00</i>

TOTAL *2422.42*

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 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 *MIKE THARP*
 SIGNATURE *Mike Tharp*

SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT IF PAID IN 30 DAYS