

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

10/23/11

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 PATTISSON, OPERATIONS MANAGER
Phone: (316) 267-4379 (ext. 107)
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: BILLY G. KLAVER
Purchaser: PLAINS MARKETING / BLUESTEM GAS MARKETING

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.: _____
06/25/09 07/05/09 08/03/09
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 007-23436 00 00
Spot Description: 80' N, 94' W of SE NW
SE NW SE NW Sec. 31 Twp. 34 S. R. 11 East West
1900 Feet from North / South Line of Section
1886 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: MILLER Well #: 2
Field Name: Stranathan
Producing Formation: Mississippian
Elevation: Ground: 1388 Kelly Bushing: 1399
Total Depth: 5450 Plug Back Total Depth: 5224
Amount of Surface Pipe Set and Cemented at: 225 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/ _____

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 28,000 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.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

Handwritten: AH-1-Dg - 10/27/09

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.

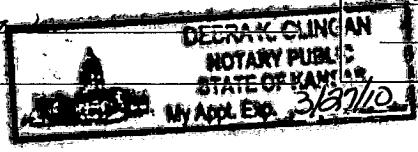
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: _____
Title: Dean Pattison, Operations Manager Date: October 22, 2009
Subscribed and sworn to before me this 22nd day of October,
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
OCT 23 2009



KCC WICHITA

ORIGINAL

Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: MILLER Well #: 2
 Sec. 31 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: **Neutron Density
 Dual Induction
 Cement Bond**

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top Datum
Chase	1860 - 461
Douglas	3805 - 2406
Hertha	4506 - 3107
Mississippian	4725 - 3326
Viola	5111 - 3712
Simpson	5210 - 3811
Arbuckle	5407 - 4008

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	221'	Class A	225	2% gel, 3% cc
Intermediate	9 7/8"	4 1/2"	10.5# / ft	945'	Class A	100	2% gel, 3% cc, 3% gyp
Production	9 7/8"	4 1/2"	10.5# / ft	5246'	60/40 poz	75	4% gel, 1/4# Floseal
					Class H	225	10% salt, 10% Gypseal, 1/4# Floseal, 6# Kalseal, 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 checked="" type="checkbox"/> Plug Off Zone	5190'		2	

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
2	Perf Simpson zone 5210-5214'	ACID: 1700 gal 7.5% MIRA	5210-14'
	CIBP		5190'
4	Perf Miss zone 4770-96', 4740-64' & 4715-18'	ACID: 3300 gal 10% MIRA	4715-96'
2	Perf Miss zone 4726'-4736'	FRAC: 365,700 gal treated wtr, 135,100# 30/70, 24,000# 16/30 & 11,500# 16/30 resin coated sd	4715-96'

TUBING RECORD: Size: 2 3/8" Set At: 4853' Packer At: n/a Liner Run: Yes No

Date of First, Resumed Production, SWD or Enhr. 08/06/09 Producing Method: Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>52</u>	Gas Mcf <u>116</u>	Water Bbls. <u>101</u>	Gas-Oil Ratio <u>2230 : 1</u>	Gravity <u>24.2</u>
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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: 4715' - 4796' OA



WOOLSEY OPERATING COMPANY, LLC

125 NORTH MARKET, SUITE 1000, WICHITA, KANSAS 67202-1775 (316) 267-4379

FAX (316) 267-4383

October 23, 2009

KCC

OCT 23 2009

CONFIDENTIAL

Mr. Steve Bond
Kansas Corporation Commission
130 S Market
Rm 2078
Wichita KS 67202

Tight Hole Status Requested for Two Years

RE: **MILLER 2**
Section 31-T34S-R11W
Barber County, Kansas
API# 15-007-23436 0000

Enclosed please find our ACO-1 Well History form completed, in triplicate, for the above referenced well. Copies of the cement tickets, drill stem test report, geologist's report and logs are attached to the original. Logs include: Neutron Density, Dual Induction and Cement Bond log.

This letter is to request all information be kept confidential for the maximum period of two years, per rule 82-3-107. Should you require any additional information, please let us know.

Yours very truly,


Debra K. Clingan
Production Assistant

/dkc
Enclosures

RECEIVED

OCT 23 2009

KCC WICHITA

ALLIED CEMENTING CO., LLC. 043215

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

SERVICE POINT: Medicine Lodge, KS.

DATE <u>6/25/09</u>	SEC. <u>1</u>	TWP. <u>34S</u>	RANGE <u>11W</u>	CALLED OUT <u>2:00 p.m.</u>	ON LOCATION <u>3:00 p.m.</u>	JOB START <u>4:45 p.m.</u>	JOB FINISH <u>5:45 p.m.</u>
LEASE <u>Miller</u>		WELL # <u>Z</u>	LOCATION <u>Medicine Lodge, 116S, E/into</u>		COUNTY <u>Barber</u>	STATE <u>Ks.</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR Murfin #20

TYPE OF JOB Surface

HOLE SIZE 14 1/4 T.D. 221

CASING SIZE 10 3/4 DEPTH 221

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 280 MINIMUM _____

MEAS. LINE _____ SHOE JOINT -

CEMENT LEFT IN CSG. 20'

PERF. PERF.

DISPLACEMENT 19 1/2 BBLs fresh

OWNER Woodsey Operating Co.

CEMENT

AMOUNT ORDERED 225 cu ft + 390cc + 2% gel

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COMMON	<u>225 A</u>	@	<u>15.45</u>	<u>3476.25</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>2090</u>	<u>8320</u>
CHLORIDE	<u>8</u>	@	<u>5820</u>	<u>465.60</u>
ASC		@		

WELL FILE

Regulatory Correspondence
Orig Comp Workover
Tests / Meters Operations

EQUIPMENT

PUMP TRUCK CEMENTER MARK C.

372 HELPER Drin F.

BULK TRUCK

389 DRIVER Craig G.

BULK TRUCK

_____ DRIVER _____

HANDLING	<u>225</u>	@	<u>2.40</u>	<u>540.00</u>
MILEAGE	<u>225 / 10 / 20</u>			<u>450.00</u>
TOTAL				<u>5015.05</u>

REMARKS:

Pipe on bottom, cement circ. mix 225 cu ft + 390cc + 2% gel. Dip to 201' w/ 19 1/2 BBLs fresh. Shut in, cement did circ.

SERVICE

DEPTH OF JOB	<u>221</u>			
PUMP TRUCK CHARGE				<u>1018</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20</u>	@	<u>7.00</u>	<u>140</u>
MANIFOLD		@		
		@		

CHARGE TO: Woodsey Operating Co.

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1158.00

PLUG & FLOAT EQUIPMENT

RECEIVED

OCT 23 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.

PRINTED NAME MIKE TAMRO

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES [scribble]

DISCOUNT [scribble] IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 043217

REMI: 10 P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lodge

DATE <u>6/26/09</u>	SEC. <u>1</u>	TWP. <u>34S</u>	RANGE <u>11W</u>	CALLED OUT <u>7:00p.m.</u>	ON LOCATION <u>3:30p.m.</u>	JOB START <u>4:30p.m.</u>	JOB FINISH <u>5:30p.m.</u>
LEASE <u>Miller</u>		WELL # <u>2</u>		LOCATION <u>Medicine Lodge, Ka 16 S, E into Barber</u>		COUNTY <u>Barber</u>	STATE <u>Ka</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Markin 20</u>	OWNER <u>Woolsey Operating</u>
TYPE OF JOB <u>Surface (Intermediate)</u>	CEMENT
HOLE SIZE <u>9 7/8</u> T.D. <u>925'</u>	AMOUNT ORDERED <u>100sx A + 3% cc + 2% gyp + 5% syp</u>
CASING SIZE <u>8 5/8</u> DEPTH <u>945'</u>	
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX <u>500</u> MINIMUM <u>-</u>	COMMON <u>Class A 100</u> @ <u>15.45</u> <u>1545.00</u>
MEAS. LINE SHOE JOINT <u>42'</u>	POZMIX @
CEMENT LEFT IN CSG.	GEL <u>2</u> @ <u>20.80</u> <u>41.60</u>
PERFS.	CHLORIDE <u>3</u> @ <u>58.20</u> <u>174.60</u>
DISPLACEMENT <u>57 1/2 BBLs fresh</u>	ASC @
EQUIPMENT	<u>Cryp Seal</u> <u>3</u> @ <u>29.20</u> <u>87.60</u>

PUMP TRUCK CEMENTER <u>MCKEL.</u>
<u>352</u> HELPER <u>David F.</u>
BULK TRUCK
<u>389</u> DRIVER <u>Danny W.</u>
BULK TRUCK
DRIVER

WELL FILE	
Regulatory Correspondence @	
Workover @	
Drill Comp @	
Tests / Meters @	
HANDLING <u>100</u> @ <u>2.40</u> <u>240.00</u>	
MILEAGE <u>100 x 20 x .10</u> <u>312.00</u>	
TOTAL <u>3740.80</u>	

REMARKS:

pipe on bottom, mix 100sx A + 3% cc + 2% gel + 3% syp. Release phg. Dip w/ 100sx H2O @ 2.5 Bpm. Pump phg 300 cur @ 57 1/2. Shut in

SERVICE

DEPTH OF JOB <u>945'</u>	
PUMP TRUCK CHARGE <u>1018.00</u>	
EXTRA FOOTAGE @	
MILEAGE <u>20</u> @ <u>7.00</u> <u>140.00</u>	
MANIFOLD @	
RECEIVED @	

CHARGE TO: Woolsey Oper.

OCT 23 2009

TOTAL 1158.00

STREET _____
CITY _____ STATE _____ ZIP _____

KCC WICHITA MUG & FLOAT EQUIPMENT

<u>1-Baffle plate</u>	<u>1</u>	@ <u>67.20</u>	<u>67.20</u>
<u>1-Rubber plug.</u>		@ <u>113.00</u>	<u>113.00</u>
		@	
		@	
		@	
TOTAL			<u>180.20</u>

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 [scribble]
DISCOUNT [scribble] IF PAID IN 30 DAYS

PRINTED NAME MARKIE THARP
SIGNATURE [Signature]

KCC
OCT 23 2009
CONFIDENTIAL

ALLIED CEMENTING CO., LLC. 043219

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

VICE POINT:
Medicine Lodge

DATE <u>7/6/09</u>	SEC. <u>1</u>	TWP. <u>34S</u>	RANGE <u>11W</u>	CALLED OUT <u>4:00P.M.</u>	ON LOCATION <u>9:00P.M.</u>	JOB START <u>4:00AM</u>	JOB FINISH <u>5:00AM</u>
LEASE <u>Miller</u>	WELL # <u>2</u>	LOCATION <u>Medicine Lodge Ks. 16S,</u>			COUNTY <u>Butler</u>	STATE <u>Ks.</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Elinto</u>			

CONTRACTOR <u>Mustin #20</u>	OWNER <u>Woolsey Operating Co.</u>
TYPE OF JOB <u>Production</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	T.D. <u>5430'</u>
CASING SIZE <u>4 1/2</u>	DEPTH <u>5246'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>2000</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>32'</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>83 1/4 BBLs 2% KCl H2O</u>	
EQUIPMENT	

AMOUNT ORDERED <u>755x (60:40:4 + 1/8 #4 Seal)</u>		
<u>225x H+10 B51P + 10% salt + 6 #4 Seal</u>		
<u>+ 0.1% H2O + 1/4 #4 Seal</u>		
<u>Clapro - 9gals</u>		
COMMON <u>CLASS A 45 @ 15.45</u>	<u>695.25</u>	
POZMIX <u>30 @ 8.00</u>	<u>240.00</u>	
GEL <u>2 @ 20.80</u>	<u>41.60</u>	
CHLORIDE	@	
ASC	@	
Gyp Seal <u>215x @ 29.20</u>	<u>6278.00</u>	
Salt <u>245x @ 12.00</u>	<u>2880.00</u>	
Kol-Seal <u>1350 @ .89</u>	<u>1201.50</u>	
Flo-Seal <u>37 @ 2.50</u>	<u>92.50</u>	
Fl-1100 <u>169 @ 13.30</u>	<u>2247.70</u>	
Class H <u>225x @ 16.75</u>	<u>3768.75</u>	
Clapro <u>9 @ 31.25</u>	<u>281.25</u>	
	@	
HANDLING <u>30 @ 2.40</u>	<u>720.00</u>	
MILEAGE <u>300x 20x .10</u>	<u>600.00</u>	
		TOTAL <u>10,837.25</u>

PUMP TRUCK CEMENTER <u>MARK L.</u>	
# <u>414-302</u> HELPER <u>Greg G.</u>	
BULK TRUCK	
# <u>421-251</u> DRIVER <u>Scott P.</u>	
BULK TRUCK	
#	DRIVER
	Regulatory Correspondence
	Drig (Comp) Workovers
	Tests / Meters Operations

REMARKS:

Pipe on bottom, break circ. Plug rat +
Mouse w/ 255x mix 50% x Slaverger.
Mix 225 x Tail, stop. Wash pump
+ Lines. Displace w/ 2% KCl. Seal lift,
Slow set, Pump plus 1000 over e
83 1/4 BBLs. Float did hold

SERVICE		
DEPTH OF JOB <u>5246'</u>		
PUMP TRUCK CHARGE		<u>2185.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>20 @ 7.00</u>		<u>140.00</u>
MANIFOLD	@	
RECEIVED	@	
	@	

CHARGE TO: Woolsey Operating Co.
STREET _____
CITY _____ STATE _____ ZIP _____

OCT 23 2009 TOTAL 2325.00

KCC WICHITA
PLUG & FLOAT EQUIPMENT

<u>36-Scratchers @ 55.65</u>	<u>2003.40</u>
<u>13-Turbolizers @ 37.80</u>	<u>491.40</u>
<u>1-APU Float Shoe @</u>	<u>205.00</u>
<u>1-Loaddown Ass'n. @</u>	<u>145.00</u>
	@
	TOTAL <u>2,920.40</u>

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 _____
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME MIKE THARP
SIGNATURE Mike Tharp

KCC
OCT 23 2009
CONFIDENTIAL

KCC
 OCT 23 2009
 CONFIDENTIAL LOG-TECH
 1013 240th Ave.
 HAYS, KANSAS 67601
 (785) 625-3858

27983

Date 7-23-2009

CHARGE TO: Woolsey Operating Company, LLC
 ADDRESS _____
 R/A SOURCE NO. _____ CUSTOMER ORDER NO. Verbal NW
 LEASE AND WELL NO. Miller #2 FIELD Stranathan
 NEAREST TOWN _____ COUNTY Barber STATE Kansas
 SPOT LOCATION 1990' FWL + 1886' FWL SEC. 31 TWP. 34S RANGE 11W
 ZERO KB 11' AGL CASING SIZE 4 1/2 WEIGHT _____
 CUSTOMER'S T.D. 5194 LOG TECH _____ FLUID LEVEL _____
 ENGINEER S. Chesney Scott Channing OPERATOR J. Coleman

PERFORATING					
Description	No. Shots	From	Depth To	Amount	
Perforate 3'8 HEC	104	4770	4796	5970	00
26'4 spf	96	4740	4764	5530	00
24'4 spf	20	4726	4736	2150	00
10'2 spf	12	4715	4718	1310	00
3'4 spf					

DEPTH AND OPERATIONS CHARGES					
Description	From	Depth To	Total No. Ft.	Price Per Ft.	Amount
→ 4 1/2 C.F.B.P.					800 00
Depth Charge	0	5190		.25	1297 50
Dump 2sk Cement Bailer	0	5190		.20	1038 00
51825					
7.5					
5190					

MISCELLANEOUS			
Description	Quantity	Amount	
Service Charge		950	00
T.J.		400	00
A.O.L.			
S.J.			
F.J.			
Truck Rental #13			
Full Riser WELL FILE			
Regulatory Correspondence			
Drig KComp Workovers			
Tests / Meters Operations			

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.

AUG 13 2009 Sub Total 19445.50 RL
 RECEIVED Tax
 OCT 23 2009
 KCC WICHITA 8830.00 KD
 7-21

Customer Signature Don T. Petterson

Date