

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/21/09
ORIGINAL

OPERATOR: License # 33168
Name: WOOLSEY OPERATING COMPANY, LLC
Address 1: 125 N. MARKET
Address 2: SUITE 1000
City: WICHITA State: KS Zip: 67202 + 1 7 2 9
Contact Person: DEAN PATTISSON, OPERATIONS MANAGER
Phone: (316) 267-4379 (ext 107)
CONTRACTOR: License # 30606
Name: MURFIN DRILLING COMPANY, INC.
Wellsite Geologist: BILLY G. KLAVER
Purchaser: BLUESTEM GAS MARKETING / PLAINS 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.)

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If Workover/Re-entry: Old Well Info as follows:
Operator: _____
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.: _____
04-23-2009 05-01-2009 05-22-2009
Spud Date or ~~Recompletion Date~~ Date Reached TD Completion Date or ~~Recompletion Date~~

API No. 15 - 007-23425 00 00
Spot Description: 145' N & 95' E of C NW SW
SW NE NW SW Sec. 6 Twp. 34 S. R. 10 East West
2125 Feet from North / South Line of Section
755 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: BARBER
Lease Name: JAHAY A Well #: 1
Field Name: KOCHIA
Producing Formation: MISSISSIPPIAN
Elevation: Ground: 1418 Kelly Bushing: 1429
Total Depth: 5150 Plug Back Total Depth: 4973
Amount of Surface Pipe Set and Cemented at: 222 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 AFF NO - 9-31-09
(Data must be collected from the Reserve Pit)
Chloride content: 12,500 ppm Fluid volume: 1800 bbls
Dewatering method used: Haul free fluids and allow to dry
Location of fluid disposal if hauled offsite:
Operator Name: WOOLSEY OPERATING COMPANY, LLC
Lease Name: HARBAUGH 2 OWWO License No.: 33168
Quarter _____ Sec. 32 Twp. 33 S. R. 11 East West
County: BARBER Docket No.: D - 30,333

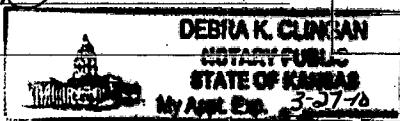
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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, Operations Manager Date: 08-21-2009

Subscribed and sworn to before me this 21st day of August,
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
AUG 21 2009
KCC WICHITA

Operator Name: **WOOLSEY OPERATING COMPANY, LLC** Lease Name: **JAHAY A** Well #: **1**
 Sec. **6** Twp. **34** S. R. **10** 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 checked="" type="checkbox"/> Yes <input 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 Sonic Micro 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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Chase</td> <td>1780</td> <td>- 351</td> </tr> <tr> <td>Douglas</td> <td>3669</td> <td>- 2240</td> </tr> <tr> <td>Hertha</td> <td>4372</td> <td>- 2943</td> </tr> <tr> <td>Mississippian</td> <td>4604</td> <td>- 3175</td> </tr> <tr> <td>Viola</td> <td>4946</td> <td>- 3517</td> </tr> <tr> <td>Simpson</td> <td>5044</td> <td>- 3719</td> </tr> <tr> <td>Arbuckle</td> <td>DNP</td> <td></td> </tr> </table>	Name	Top	Datum	Chase	1780	- 351	Douglas	3669	- 2240	Hertha	4372	- 2943	Mississippian	4604	- 3175	Viola	4946	- 3517	Simpson	5044	- 3719	Arbuckle	DNP	
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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	222'	Class A	200	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5# / ft	5026'	60/40 poz	50	4% gel, 1/4# Floseal
					Class H	200	10% salt, 10% Gypseal, 1/4# Floseal, 6# Kalseal & .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	MISSISSIPPIAN 4604' - 4644'	ACID: 2200 gal 10% MIRA	4604'
		FRAC: 42,000# 30/70 sd, 8,000# 16/30 sd	- 4644'
		& 10,500# 16/30 resin coated sd.	
		Carry sd w/ 2,033 bbl treated fresh wtr	
		& 786,432 scf N2 (35 quality)	

TUBING RECORD:	Size: 2 3/8"	Set At: 4703'	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 Enh: 06-01-2009	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 24	Gas Mcf 27	Water Bbls. 217	Gas-Oil Ratio 1125 : 1	Gravity n/a
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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: 4604' - 4644'
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ALLIED CEMENTING CO., LLC. 34321

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

SERVICE POINT:
MEDICINE LODGE

DATE <u>4-23-09</u>	SEC. <u>6</u>	TWP. <u>34S</u>	RANGE <u>10W</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>10:30 AM</u>	JOB START <u>1:00 AM</u>	JOB FINISH <u>1:30 AM</u>
LEASE <u>JAMAYA</u>		WELL # <u>A-1</u>		LOCATION <u>GELLANE BLACKBY 2281, W</u>		COUNTY <u>BARBOUR</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				TO <u>LOOK TREE, S TO BLACK KETTS, 1/2 MI N/W TO</u>			

CONTRACTOR MURKIN 20
 TYPE OF JOB SURFACE CASING
 HOLE SIZE 14 3/4" T.D. 222'
 CASING SIZE 10 3/4" DEPTH 222'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 200 MINIMUM 100
 MEAS. LINE _____ SHOE JOINT 15'
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 20 1/4 bbl. FRESH WATER

OWNER WOOLSEY OPERATING
 CEMENT
 AMOUNT ORDERED 200 5X CLASS A 4
3% CC + 2% GCL
 COMMON 200 5X @ 15.45 3090.00
 POZMIX _____ @ _____
 GEL 4 5X @ 20.80 83.20
 CHLORIDE 7 5X @ 58.20 407.40
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER BILL M.
 # 352 HELPER DAVID F.
 BULK TRUCK
 # 364 DRIVER MARK C.
 BULK TRUCK
 # _____ DRIVER _____

WELL FILE @ _____
 Regulatory Correspondence @ _____
 () Drig / Comp Workovers @ _____
 Tests / Meters Operations @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 211 5X @ 2.40 506.40
 MILEAGE 211 X 20X.10 = 422.00
 TOTAL 4,509.00

REMARKS:
PIPE ON BOTTOM, BREAK CIRCULATION,
PUMP IN. FRESH, PUMP 200 5X CLASS A
+ 3% CC + 2% GCL, SWITCH TO
DISPLACEMENT, SEE LIST, DISPLACE
WITH 20 1/4 bbl. FRESH WATER, STOP
PUMP, SHUT-IN. CIRCULATE CEMENT.

MAY 15 2009

CHARGE TO: WOOLSEY OPERATING
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 222'
 PUMP TRUCK CHARGE 1018.00
 EXTRA FOOTAGE @ _____
 MILEAGE 20 @ 7.00 140.00
 MANIFOLD @ _____
 _____ @ _____
 _____ @ _____

TOTAL 4,158.00

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 THARP
 SIGNATURE Mike Tharp

PLUG & FLOAT EQUIPMENT

RECEIVED
 AUG 21 2009
 KCC WICHITA

TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES [scribble]
 DISCOUNT [scribble] IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 34117

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

SERVICE POINT: Medicine Lodge KS

DATE <u>050209</u>	SEC. <u>06</u>	TWP. <u>34s</u>	RANGE <u>10w</u>	CALLED OUT <u>10:00 Am</u>	ON LOCATION <u>12:00 Noon</u>	JOB START <u>5:15 Pm</u>	JOB FINISH <u>6:00 Pm</u>
LEASE <u>Jahay</u>		WELL# <u>A-1</u>	LOCATION <u>Gerlane & Lonetree Rd 1s, 11w,</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>N & w/into</u>				

CONTRACTOR Munfin 20
 TYPE OF JOB Production
 HOLE SIZE 7 1/8 T.D. 5150
 CASING SIZE 4 1/2 DEPTH 5025
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1600 MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42.11
 CEMENT LEFT IN CSG. 42'
 PERFS. _____
 DISPLACEMENT 80 Bbls 2% KCL water
 EQUIPMENT _____

OWNER Woolsey
 CEMENT AMOUNT ORDERED 75sx 60:40:4% igel + 1/4# Floseal & 200sx "H" + 10% gypt + 10% salt + 6# Kalscal + .8% FL-160 + 1/4# Floseal & B9 of Clapeo
 COMMON 4 45 @ 15.45 695.25
 POZMIX 30 @ 8.00 240.00
 GEL 2 @ 20.80 41.60
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 Floseal 69 @ 2.50 172.50
 Class H 200 SX @ 16.75 3350.00
 Gyscal 19 SX @ 29.20 554.80
 salt 22 @ 12.00 264.00
 Kalscal 1200# @ .89 1068.00
 FL-160 150# @ 13.30 1995.00
 HANDLING 347 @ 2.40 832.80
 MILEAGE 347/10/20 @ _____ 694.00
 TOTAL 9907.95

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AUG 21 2009
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PUMP TRUCK CEMENTER D. Felio
 # 414-302 HELPER B. Mcadoo
 BULK TRUCK # 421-251 DRIVER M. Nall
 BULK TRUCK # _____ DRIVER _____

REMARKS:

Pipe on Btm Break Cize Pump 10sx60:40
Plug Mousehole, Plug Rat Hole w/ 15sx60:40, mix
50sx Scavenger cement, mix 200sx tail
Cement, Stop Pump, Wash Pump & Lines, Re-
lease Plug, Start Disp w/ 2% KCL water,
See increase in PST, Slow Rate,
Bump Plug at 80 Bbls total
Disp, Release PST, Floats Did Hold

SERVICE
 DEPTH OF JOB 5025
 PUMP TRUCK CHARGE 2185.00
 EXTRA FOOTAGE @ _____
 MILEAGE 20 @ 7.00 140.00
 MANIFOLD Headvental @ n/c
 _____ @ _____
 _____ @ _____

CHARGE TO: Woolsey
 STREET _____
 CITY _____ STATE _____

WELL FILE

Regulatory Correspondence
 Data / Comp Workovers
 Tests / Meters Operations

PLUG & FLOAT EQUIPMENT

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4 1/2 IR
 1 - AFU Float shoe @ 434.00
 1 - Latch down Plug Assy. @ 405.00
 2 - turbolizers @ 43.00 86.00
 30 - Recip. Scratcher @ 68.00 2040.00
 TOTAL 3695.00

PRINTED NAME MIKE THARP
 SIGNATURE Mike Tharp

SALES TAX (If Any) _____
 TOTAL CHARGES 9907.95
 DISCOUNT _____ IF PAID IN 30 DAYS

RECEIVED
AUG 21 2009

KCC WICHITA