

KANSAS CORPORATION COMMISSION 1048686
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33168
 Name: Woolsey Operating Company, LLC
 Address 1: 125 N MARKET STE 1000
 Address 2: _____
 City: WICHITA State: KS Zip: 67202 + 1729
 Contact Person: DEAN PATTISSON
 Phone: (316) 267-4379
 CONTRACTOR: License # 5822
 Name: Val Energy, Inc.
 Wellsite Geologist: CURTIS COVEY
 Purchaser: BLUESTEM GAS MRKTG / PLAINS MRKTG

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>09/02/2010</u>	<u>09/12/2010</u>	<u>09/29/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23580-00-00
 Spot Description: _____
SE NE SE Sec. 28 Twp. 34 S. R. 11 East West
1650 Feet from North / South Line of Section
330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Barber
 Lease Name: MOLZ Well #: 3
 Field Name: STRANATHAN

Producing Formation: MISSISSIPPIAN
 Elevation: Ground: 1350 Kelly Bushing: 1360
 Total Depth: 5310 Plug Back Total Depth: 4996
 Amount of Surface Pipe Set and Cemented at: 219 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: 1800 ppm Fluid volume: 3600 bbls
 Dewatering method used: Hauled to Disposal
 Location of fluid disposal if hauled offsite:
 Operator Name: WOOLSEY OPERATING COMPANY LLC
 Lease Name: SCHOOLEY A License #: 33168
 Quarter SW Sec. 4 Twp. 35 S. R. 11 East West
 County: BARBER Permit #: D30644

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received
 Date: 12/30/2010
 Confidential Release Date: 12/29/2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: NAOMI JAMES Date: 01/06/2011

Operator Name: Woolsey Operating Company, LLC Lease Name: MOLZ Well #: 3
 Sec. 28 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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<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>1800</td> <td>-440</td> </tr> <tr> <td>ELGIN SD</td> <td>3509</td> <td>-2149</td> </tr> <tr> <td>DOUGLAS</td> <td>3720</td> <td>-2360</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4666</td> <td>-3306</td> </tr> <tr> <td>VIOLA</td> <td>4992</td> <td>-3632</td> </tr> <tr> <td>SIMPSON</td> <td>5123</td> <td>-3763</td> </tr> </table>	Name	Top	Datum	CHASE	1800	-440	ELGIN SD	3509	-2149	DOUGLAS	3720	-2360	MISSISSIPPIAN	4666	-3306	VIOLA	4992	-3632	SIMPSON	5123	-3763
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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	14.75	10.75	28	219	60/40 POZ	230	2% gel, 3% cc
PRODUCTION	7.785	4.5	11.6	5063	60/40 POZ	50	4% gel, 1/4# Celoflake
PRODUCTION	7.785	4.5	11.6	5063	CLASS H	150	10% salt, 10% Gypseal, 5# Kalseal, 1/4#

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	4676-4704 , 4714-4718 & 4722-4736	2300 gal 10% MIRA acid	4676-4736 OA
		367,700 gal treated 2% KCl wtr, 133,500# 30/70 sd,	
		25,000# 16/30 sd & 12,000# 16/30 resin coated sd	4676-4736 OA

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4790</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>10/12/2010</u>		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. <u>40</u>	Gas Mcf <u>80</u>	Water Bbls. <u>150</u> Gas-Oil Ratio <u>2000</u> Gravity <u>25</u>

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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4676-4736 OA</u>
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Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	MOLZ 3
Doc ID	1048686

All Electric Logs Run

Compensated Density/Neutron PE
Dual Induction
Sonic
Micro
Cement Bond



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

December 30, 2010

DEAN PATTISSON
Woolsey Operating Company, LLC
125 N MARKET STE 1000
WICHITA, KS 67202-1729

Re: ACO1
API 15-007-23580-00-00
MOLZ 3
SE/4 Sec.28-34S-11W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
DEAN PATTISSON

TYPE OF JOB Surface
 HOLE SIZE 14 3/4" T.D.
 CASING SIZE 10 3/4" DEPTH 205.88
 TUBING SIZE 8 7/8" IT= DEPTH
 DRILL PIPE 13' DEPTH
 TOOL DEPTH
 PRES. MAX 250 MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 20'
 PERFS.
 DISPLACEMENT 19 1/2 Bbls Fresh
 EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding
 # 471-302 HELPER Ron Bixley
 BULK TRUCK
 # 867-200 DRIVER Tom Becker
 BULK TRUCK
 # DRIVER

REMARKS:

Run 205' 10 3/4" casing with a
13' 8 7/8" landing joint
Break circulation, mix 230 ex
Class A + 3% cc + 2% Gcc
Displace with 19 1/2 Bbls Freshwater
Leav. 20' Cement in pipe + Shut in
Cement Did circulate

CHARGE TO: Woolsey Operating
 STREET
 CITY STATE ZIP

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 THURP
 SIGNATURE [Signature]

CEMENT
 AMOUNT ORDERED
230 ex Class A + 3% cc + 2% Gcc
 COMMON A 230 ex @ 15.45 3553.50
 POZMIX @
 GEL 4 ex @ 20.80 83.20
 CHLORIDE 8 ex @ 58.20 465.60
 ASC @

WELL FILE

Regulatory Correspondence
 (Drig) Comp Workovers
 Tests / Meters Operations

HANDLING 242 @ 2.40 580.80
 MILEAGE 242/10/15 363.00
 TOTAL 5046.10

SERVICE

DEPTH OF JOB 205
 PUMP TRUCK CHARGE 1018.00
 EXTRA FOOTAGE @
 MILEAGE 15 @ 7.00 105.00
 MANIFOLD @
 TOTAL 1123.00

PLUG & FLOAT EQUIPMENT

1 Basket @ 266.00
 @
 @
 @
 @
 TOTAL 266.00

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

TYPE OF JOB ~~Service~~ Production
 HOLE SIZE 7 7/8 T.D. 5310'
 CASING SIZE 4 1/2 DEPTH 5063'
 TUBING SIZE 4 1/2 DEPTH
 DRILL PIPE 4 1/2 DEPTH
 TOOL Regulatory Correction DEPTH
 PRES. MAX 115 Comp Work MINIMUM
 MEAS. LINE Tests / meters Open SHOE JOINT 42'
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 78 bbls of 2% Kcl water

EQUIPMENT

PUMP TRUCK CEMENTER Darin F
 # 360-265 HELPER Matt T.
 BULK TRUCK
 # 356-252 DRIVER Jason T.
 BULK TRUCK
 # DRIVER

REMARKS:

Pipe on bottom & break circulation
mix 40s for Ret + mouse holes, mix
50s of scavenger cement, mix 150s
of reg cement, shut down, wash pump
& lines, Release plug, 50g + displacement
lift pressure 9 + 56 bbls, slow rate
to 3 bpm 9 + 70 bbls, Bump plug at
78 bbls 700-1400 psi, float did hold

CHARGE TO: Woolsey, Operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

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 X MIKE THOMP

SIGNATURE X Mike Thompson

Thank You!!!

CEMENT
 AMOUNT ORDERED 90s @ 60' 40' 4, 150s @
Class H + 10% Gyp + 10% 391t + 6# Kolsca
- 8% FL 160 + 4# Flo Seal

COMMON	<u>54 A</u>	@	<u>15.45</u>	<u>834.30</u>
POZMIX	<u>36 Fly</u>	@	<u>8.00</u>	<u>288.00</u>
GEL	<u>3 SX</u>	@	<u>20.80</u>	<u>62.40</u>
CHLORIDE		@		
ASC		@		
	<u>H 150 SX</u>	@	<u>16.80</u>	<u>2512.50</u>
	<u>Gypscel 14 SX</u>	@	<u>29.20</u>	<u>408.80</u>
	<u>Salt 16 SX</u>	@	<u>12.00</u>	<u>192.00</u>
	<u>Kolscal 900 #</u>	@	<u>.89</u>	<u>801.00</u>
	<u>FL-160 113 #</u>	@	<u>13.30</u>	<u>1502.90</u>
	<u>Floscel 37.50 #</u>	@	<u>2.50</u>	<u>93.75</u>
	<u>Clapor 8 Gals</u>	@	<u>31.25</u>	<u>250.00</u>
		@		
HANDLING	<u>295</u>	@	<u>2.40</u>	<u>708.00</u>
MILEAGE	<u>295/15/-10</u>			<u>442.50</u>
				<u>TOTAL 8096.15</u>

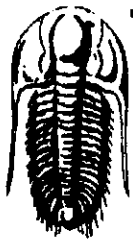
SERVICE

DEPTH OF JOB	<u>5063'</u>			
PUMP TRUCK CHARGE			<u>2185</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>15</u>	@	<u>7.00</u>	<u>105.00</u>
MANIFOLD		@		
	<u>Academy</u>	@		
		@		
				<u>TOTAL 2290.00</u>

PLUG & FLOAT EQUIPMENT

	<u>4%</u>			
	<u>1-BFD Float Shoe</u>	@	<u>205.00</u>	<u>205.00</u>
	<u>1-Laden Down Plug</u>	@	<u>145.00</u>	<u>145.00</u>
	<u>9-Turbolizers</u>	@	<u>37.00</u>	<u>340.00</u>
	<u>15-Scratchers</u>	@	<u>55.00</u>	<u>834.00</u>
		@		
				<u>TOTAL 1524.00</u>

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Woolsey Operating Company, LLC

Molz #3

125 N. Market, Ste. 1000
Wichita, Kansas 67202

28-34s-11w Barber Co

Job Ticket: 36949

DST#: 1

ATTN: Curtis Covey

Test Start: 2010.09.10 @ 16:32:56

GENERAL INFORMATION:

Formation: **Misener Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:07:26

Time Test Ended: 00:12:26

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **4840.00 ft (KB) To 4993.00 ft (KB) (TVD)**

Reference Elevations: 1360.00 ft (KB)

Total Depth: 4993.00 ft (KB) (TVD)

1350.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6798

Inside

Press@RunDepth: 68.23 psig @ 4847.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.10

End Date: 2010.09.11

Last Calib.: 2010.09.11

Start Time: 16:32:57

End Time: 00:12:26

Time On Btm: 2010.09.10 @ 19:06:26

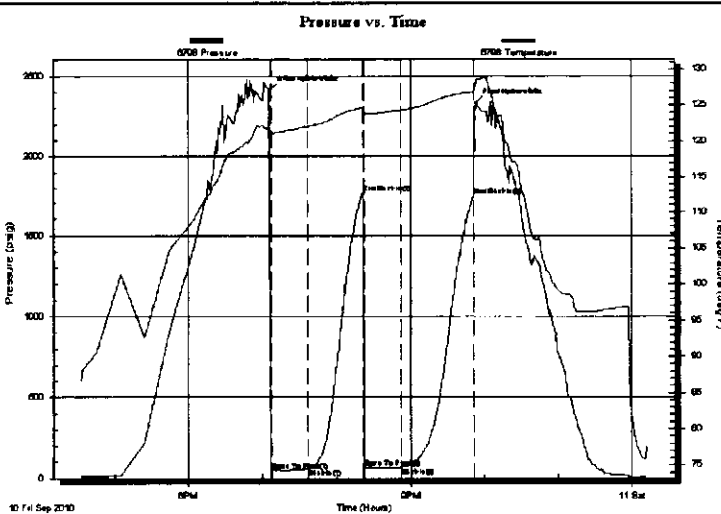
Time Off Btm: 2010.09.10 @ 21:53:26

TEST COMMENT: IF:Weak 1/2" blow . Decreased to surface.

IS:No blow .

FF:No blow .

FSI:No blow .



PRESSURE SUMMARY

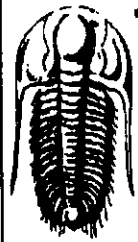
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2411.19	121.79	Initial Hydro-static
1	51.36	121.23	Open To Flow (1)
31	60.19	122.04	Shut-In(1)
75	1767.28	124.71	End Shut-In(1)
76	65.49	124.00	Open To Flow (2)
106	68.23	124.30	Shut-In(2)
165	1752.12	126.81	End Shut-In(2)
167	2332.22	128.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Drilling Mud 100%m	0.30
0.00		0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Company, LLC

Molz #3

125 N. Market, Ste. 1000
Wichita, Kansas 67202

28-34s-11w Barber Co

Job Ticket: 36949

DST#: 1

ATTN: Curtis Covey

Test Start: 2010.09.10 @ 16:32:56

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 62.00 sec/qt
Water Loss: 8.79 in³
Resistivity: 0.00 ohm.m
Salinity: 3000.00 ppm
Filter Cake: 0.21 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Drilling Mud 100% _m	0.295
0.00		0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

