

Kansas Corporation Commission Oil & Gas Conservation Division

1047155

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec Twp S. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Side Two

1047155

Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	sed, flowing and shut es if gas to surface tes	d base of formations pen- in pressures, whether s st, along with final chart(well site report.	hut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geole	•	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy,	d Electronically	Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	ew Used			
		Report all strings set-					
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
		ADDITIONAL	. CEMENTING / SQL	JEEZE RECORD			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Plug Off Zone							
Shots Per Foot		ON RECORD - Bridge Plug ootage of Each Interval Per			cture, Shot, Cement mount and Kind of Ma	•	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth			Other (Explain)		
Estimated Production Per 24 Hours	Oil E		Mcf Wat	er Bl	ols. (Gas-Oil Ratio	Gravity
DIODOGETIC	ON OF CAS:	<u> </u>	AETHOD OF COME:	TIONI		DDODUCTIO	AN INTERVAL.
DISPOSITIO	ON OF GAS: Used on Lease	Open Hole	METHOD OF COMPLE Perf. Dually		nmingled	PRODUCTIO	ON INTERVAL:
(If vented, Sub		Other (Specify)	(Submit		mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	MOLZ 2
Doc ID	1047155

All Electric Logs Run

Compensated Density/Comp Neutron PE
Dual Induction
Sonic
Micro
Sonic Cement Bond

ALLIED CEMENTING CO., LLC. 041384 Federal Tax I.D.# 20-5975804

RUSSELL, KANSAS 67665		SER	MEDICAL	chools = K
DATE 8-22-10 SEC TWP, RANGE//	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 4
LEASE WELL# 2 LOCATION PAT	Hesnake	· Rd	COUNTY	STATE
OLD OR NEW (Circle one) 2 14 Sal	+ N/5			
CONTRACTOR /4/#3	OWNER	Woolsen	Maga	<u> </u>
TYPE OF JOB Suctifie	,	Woosey 1	JEIE-	riaj
HOLE SIZE 143/4 T.D. /206)21	9 CEMENT	e e		
CASING SIZE /// S/4 \ DEPTH 206	_ AMOUNT O	RDERED		
TUBING SIZE (13' 85/8') DEPTH	220 sx			5=(
DRILL PIPE LT DEPTH	_ <u>75 s</u> x	Class A+	37.cc	
TOOL DEPTH PRES. MAX. ₹♥♥♥ MINIMUM——	COMMON_	A 295 3X	15 45	45.57
MEAS. LINE SHOE JOINT	_ COMMON_ POZMIX	7 2133X		-10
CEMENT LEFT IN CSG.	GEL	4 5x	- 20 20	83.20
PERFS.	CHLORIDE	// 5×	@. 58.2 0	640.20
DISPLACEMENT 19% Bbls Fresh	ASC			
EQUIPMENT			_@	-
	·			-
PUMP TRUCK CEMENTER Carl Balding		F.T. FILLE	· @	
# 414-265 HELPER Care Balding	- Pogulato	ry Correspondenc	e @ ~ @	
BULK TRUCK	Orla Co	mp violitation		
#42/ DRIVER Tom Becker	Tests / N	neters Operation	<u> </u>	
BULK TRUCK # DRIVER				
# DRIVER	- HANDLING		<u>@ 7.40</u>	744.00
D.T. 4. D.W.	MILEAGE _	310/-10/	/	465 =
REMARKS:			TOTAL	6490-1
Loss Circulation 180	<u>-</u>			. •
Built 40 220	-	SERVI	CE	
Run 200 10-19 + 13 8 18 11	- DEPTH OF I	10D 21G		
Mix 220 5x A 2+2	_ DEPTH OF J		018 00	
Lon off with 755x A+3/a			<u> </u>	
Coment to surface + Shut in	L MILEAGE	15	- ® フ ミ	105 5
Thank Wes	- MANIFOLD			
1 portion f	· .	<u> </u>	@	
		<u> </u>	_@	· · · · · · · · · · · · · · · · · · ·
CHARGE TO: 1001Scy Cherating	-			<i>e</i> 0
STREET			TOTAL	1123 -
· · · · · · · · · · · · · · · · · · ·	_		•	
CITYSTATEZIP	-	PLUG & FLOAT	F EOUIPMEN	VТ
•	•			17
	*		@	
To Allied Cementing Co., LLC.	1-Bas	ket		266 =
You are hereby requested to rent cementing equipment	· · ·	·	@	·-···
and furnish cementer and helper(s) to assist owner or		<u> </u>	_ @	
contractor to do work as is listed. The above work was	*			41 1 00
done to satisfaction and supervision of owner agent or			TOTAL	766 =
contractor. I have read and understand the "GENERAL		GC A		
TERMS AND CONDITIONS" listed on the reverse side	. SALES TAX	(If Any)		 -
	TOTAL CHA	ARGES		
PRINTED NAME MUT THAN	DISCOUNT		IE DA 1	D IN 30 DAYS
,	- DISCOUNT	Market	II. IAI	D III 30 DAIS
SIGNATURE MASTER SIGNATURE	•	NEEDE	JELL	
SIGNATURE FIFTH - 1	- ;		•	
\vee ν		SEP 23	2010	

ALLIED CEMENTING CO., LLC. 041388 Federal Tax I.D.# 20-5975804

REMIT TO P.O. B RUSS		NSAS 676	65		•	SER	VICE POINT:	re lødge
DATE 9-1-2010	SEC.	TWP. 34	RANGE		CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Malz	WELL#	2	LOCATION	Pa+1	le Shake	DA.	COUNTY	STATE
OLD OR NEW Cir			244	- MIT	1/	Kac.	varger_	ransas
OLD ORNIE WAS CIT	icle Offe)	* ** *	2.7	Sast	north	INFO		*.
CONTRACTOR	[/AT				OWNER /	Voolsey (Deration	2 <i>a</i>
TYPE OF JOB	Drod.	vatio					7	
HOLE SIZE /	11/2	T.D			CEMENT		2 . 11	
CASING SIZE Z	123		PTH <u>5/2</u> PTH	<u>80'</u>	AMOUNT OR	4	als Clay	<u>ro</u>
DRILL PIPE	· · ·		PTH		200.5× C	loss 4 +10%	GIRSEAL	INYCH
TOOL			PTH		6 postal	-8% FI-16		oseac
<i>,</i> –	<u> </u>		NIMUM —	<u>:</u>	COMMON	51, 5x A	_@ <u>15.4S</u>	787.95
MEAS. LINE		SHO	DE JOINT	46	POZMIX	34 sx	_@ <u>გ. ဝဝ</u>	272.00
CEMENT LEFT IN PERFS.	CSG.	· 	· · · · · · · · · · · · · · · · · · ·		GEL	<u>3</u> 5×	_@ <i>_20.80</i> _	62.40
DISPLACEMENT	80	RHS	Dr. Kel	1.10/	CHLORIDE _ ASC		_@	-
<u> </u>		JIPMENT		VOTE	7 7 20) .sx	@_ <u>/6.7S_</u>	3350.00
	EQU				Salt 2	2 sx		264.00
PUMP TRUCK (CEMENT	ER Z	1-Role	final -	GYRSAL	19 SK	@ 29-2 0	554.80
-/- >/0	HELPER	-:·	This	-	Kolsan	1200=4	_@ <i>-89</i>	1068.00
BULK TRUCK		/ 	THORES		<u>F/-160</u>	·/50#	_@ <u>/}_</u> >>	1995 =
#363-250 I	ORIVER	Tom	Bocker		Horeal	71.25	_@ <i>2.55</i> 	178-12
BULK TRUCK		GB	N	7777			 	
# I	DRIVER		- Requi	<u> </u>	HANDLING_	359	@ 2.40	861-60
		x	Drig Tests /	atory Co	MICEAGE _		5	538.50
	RE	MARKS:	Tests /	Nete-	HANDLING MICEAGE Vorgania Workovers		TOTAL	9932-38
Run 5180	4/2	Casin	27 Circ	wlate	Workovers Operation			•
on Botton	Fo	<u></u>	11 MOUN		Workovers Operations	SERVI	CE .	
109 BIT 410	1003C	With	75 sx 60 Flosea		4 4	~ ~ (5 2 0 '	· · · · · · · · · · · · · · · · · · ·	<u></u>
Scavenger 51					DEPTH OF JO PUMP TRUCK		-19C 60	
H + Additives					EXTRA FOOT		<u>3/85.00</u>	<u>, </u>
+ Pelcase pla	کی ور	displace	e with	80 BU	MILEAGE_		@_ <u></u> 00	1/25 80
2x Kel wat	200	Canal y	plug ++	bot He	MANIFOLD_		_	
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٠ ,	1.) /-			<u> </u>	_@	
CHARGE TO: W	10015	cy (4	xrotin.					22.00
STREET				· · ·	$C_{ij} = \mathcal{L}_{ij}$		TOTAL	2290.00
CITY	ст	ATE .	מולי				$(x,y) = (x,y) \in \mathcal{A}$	
CII.I.	31	AIE	ZIP			PLUG & FLOAT	Γ EQUIPMEN	IT
_						•		
•				•	1-AFU	Float Shore		205.00
					1- Latch	Down plug	_@	145.00
To Allied Cementi					1-luiboli			264.60
You are hereby red				•	18-Lecipes	scratcher?	S@ <u>.55.62</u>	890.40
and furnish cemen					· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
contractor to do w							TOTAL	1505.00
done to satisfactio		-	_				IOIAL	1000-
contractor. I have TERMS AND CO					SALES TAX (If Anv)	<u> </u>	ere ere ere
TEMIS AND CO	חוווחוי	no listed	i on the reve	ise side.	•	<i>(</i>		
	<u></u>	1	_		TOTAL CHAR	CES		
PRINTED NAME_	Car	(W, D)	vrv		DISCOUNT _	FF .	IF PAI	D IN 30 DAYS
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SIGNATURE	inf w	J Q	- 9/1	10	yas			
								

ALLIED CEMENTING CO., LLC. 037058

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Mexicus Lodgo Ks

							·	,
DATE 9-16-2010	SEC.	TWP. 343	RANGE	C	ALLED OUT	ON LOCATION 8180 Am	JOB START	JOB FINISH
LEASE Molz	WELL#	_				South to	COUNTY	STATE
OLD OR NEW (Cir		<u> </u>	1 -	-			1351001	
OLD ORALLIN (CII			1297110 St	RKK	272 Eq	st , n/into		
CONTRACTOR \$	rst v	von Ser	UEP		OWNER W	Boisa, Opa	Preting	
TYPE OF JOB C	revian	to SUFFE	ce	<u> </u>				
HOLE SIZE	842	T.D.	<u> </u>		CEMENT	100		
•	142	DEP	тн Э 7201	·	AMOUNT OF	RDERED 650	5x 65!	35'6%6
TUBING SIZE		DEF		•	<u> 3550</u>	<u> 21988 A D-a</u>	3 h	
DRILL PIPE		DEP				<u> </u>	<u> </u>	
TOOL	· · · · · · · · · · · · · · · · · · ·	DEP				1 50	, , , , /5	
PRES. MAX ha	<u>>000 p 5/</u>		IMUM		COMMON_2	<u> 4 ,50 sx</u>		112-5
MEAS. LINE CEMENT LEFT IN	CCC	SHC	E JOINT		POZMIX	 -		<u> </u>
	720'	· · ·			GEL		_@	<u> </u>
DISPLACEMENT		161-06	frost was		CHLORIDE _ ASC	<u> </u>	@	<u> </u>
DIST EACEMENT	_		Tresh Wy	<u> </u>	ALW	650 sx	_@ _@ <i>_14.8</i> 0	9620 =
	EQU	IPMENT			-HLW		_ @ <u>/4.0°</u> @	7 620 -
		~	<u> </u>			4 (4.1)		
		ER Dera	1111 6					
	HELPER	Ronc	A 8 ~	aroov C	orrespondence	•	_	-
BULK TRUCK		→	Drig /	Comp	slope			
	DRIVER	Ton	<i>B</i> , 18838	/ Meters	3 Oberano		 @	- <u> </u>
BULK TRUCK # 3/14 - 250	DDIVED	<i>a</i>						
# 5/117 - 200	DRIVER	Carl B			HANDLING_	700 ,	@2.40	1680 =
					MILEAGE _	700/010	1/15	1050 º
	RE	MARKS:					TOTAL	13,122-
HOOK UP to	well	heca. De	mo 150 be)? S				
Of fresh wa	ter in	1~ 650	sr of les	4		SERVI	ICE	
Cemens, my								
Shut down , w					DEPTH OF JO	OB 37261		
SASIF dispice.	oninz,	PUMP S	6 BBS OR	· .	PUMP TRUC		2011.0	<u>o </u>
Fresh Veter	Shut.	in, bow	er Seen		EXTRA FOO	TAGE	@	·
Circulation	<u>.</u>				MILEAGE	_/S	@ 7 = 3	105 00
				<u> </u>	MANIFOLD			-
•			. "	100	Ha	2 rontel	@	- -
			. ,		-		@	-
CHARGE TO: <u></u> して	oolse,	Opa	gring		•			
		•	·		•		TOTAL	2116-0
SIREEI					·		•	
CITY	ST.	ATE	ZIP			PT 710 0 PT 0 1		-
•					A .	PLUG & FLOA	I EQUIPMEN	∛T
					41/2			
·					1-Rubber	Plug	@	_62 0
					<u>.</u>		@	
To Allied Cement	ing Co., I	LLC.		• .		· · · · · · · · ·	@	
You are hereby re	quested to	o rent cem	enting equipm	ent		· · · · · · · · · · · · · · · · · · ·	@	- ·
and furnish cemer							@	- '
contractor to do w								
done to satisfaction	n and sur	pervision of	of owner agent	ог			TOTAL	. <u>62. 👺</u>
contractor. I have	-		_					
TERMS AND CO			=		SALES TAX ((If Any)		
			,	C	TOTAL CHAI	OCEC S		≩ ⇒
•			·		TOTALCITAL	NOES		
PRINTED NAME	<u> </u>	<u> </u>	<u>.</u>	· :	DISCOUNT_		IF PAI	D IN 30 DAYS
signature χ	On	To Per	tleisen	<u>_</u>				1
ナ	hen ic	You			e de la companya de			



Prepared For: Woolsey Operating Co.LLC

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

ATTN: Curtis Covey

28-34s-11w Barber Ks

Molz#2

Start Date: 2010.08.29 @ 00:42:48

End Date: 2010.08.29 @ 10:15:33

Job Ticket #: 38801 DST#: 1

Trilobite Testing, Inc. PO Box 1733 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620



Woolsey Operating Co.LLC

125 N.Market Ste. 1000 Wichita Ks.67202

ATTN: Curtis Covey

Molz#2

28-34s-11w Barber Ks

Job Ticket: 38801

DST#: 1

Test Start: 2010.08.29 @ 00:42:48

GENERAL INFORMATION:

Time Tool Opened: 03:05:03

Time Test Ended: 10:15:33

Formation:

Miss. No

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole Tester:

Gary Pevoteaux

Unit No:

39

4626.00 ft (KB) To 4756.00 ft (KB) (TVD)

Interval; Total Depth: Hole Diameter:

4756.00 ft (KB) (TVD)

7.88 inches Hole Condition:

Reference Elevations:

1392.00 ft (KB)

1382.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8167

Press@RunDepth:

Inside

110.82 psig @

4627.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time: 2010.08.29 00:42:53

End Date: End Time: 2010.08.29 10:15:33

Time On Btm:

2010.08.29

Time Off Btm:

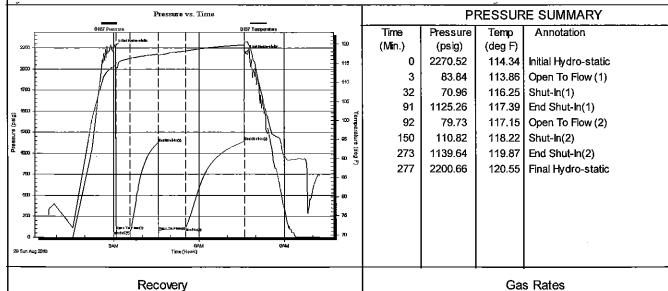
2010.08.29 @ 03:02:48 2010.08.29 @ 07:39:03

TEST COMMENT: IF:Strong blow . B.O.B. in 3 1/2 mins.

ISI:No blow.

FF:Strong blow . B.O.B. in 22 secs. Decreased back to 7" after 60 mins.

FSI:No blow.



Length (ft)	Description	Volume (bbl)
120.00	SO&GCM 2%o 11%g 87%m	0.59
72.00	Drlg.mud	1.01
0.00	1305 ft.of GIP	0.00

Choke (inches) Pressure (psig)

Trilobite Testing, Inc

Ref. No: 38801

Page 2 Printed: 2010.09.08 @ 11:57:33



TOOL DIAGRAM

Woolsey Operating Co.LLC

Molz#2

28-34s-11w Barber Ks Job Ticket: 38801

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

DST#:1

ATTN: Curtis Covey

Test Start: 2010.08.29 @ 00:42:48

Tool Information

Drill Pipe:

Length: 4499.00 ft Diameter:

3.80 inches Volume:

Tool Weight: 63.11 bbl

2400.00 lb

Heavy Wt. Pipe: Length:

0.00 ft Diameter:

0.00 inches Volume:

0.00 bbl

Drill Collar:

Weight to Pull Loose: 88000.00 lb. 0.59 bbl

Weight set on Packer: 24000.00 lb

Length:

120.00 ft Diameter:

2.25 inches Volume: Total Volume: 63,70 bbl

Tool Chased

130.00

0.00 ft

Bottom Packers & Anchor

Depth to Top Packer: Depth to Bottom Packer:

21.00 ft 4626.00 ft ft String Weight: Initial

69000.00 lb Final 70000.00 lb

Interval between Packers: Tool Length:

130.00 ft

158.00 ft 2

6.75 inches

Number of Packers: Tool Comments:

Perforations

Perforations

Blank Spacing

Drill Pipe Above KB:

Tool Description	Length (ft) Serial N	o. Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00	-	4599.00	
Shut in tool	5.00		4604 00	

Diameter:

HMV 5.00 4609.00 4614.00 Jars 5.00 4617.00 Safety Joint 3.00 Packer 4.00 4621.00 28.00 Bottom Of Top Packer Packer 5.00 4626.00 Stubb 1.00 4627.00 Recorder 0.00 8167 Inside 4627.00 8370 Recorder 0.00 Outside 4627.00

4631.00

4726.00

4751.00

4756.00

Bullnose **Total Tool Length:**

158.00

Ref. No: 38801

4.00

95.00

25.00

5.00



FLUID SUMMARY

Woolsey Operating Co.LLC

Molz#2

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

Job Ticket: 38801

DST#: 1

ATTN: Curtis Covey

Test Start: 2010.08.29 @ 00:42:48

28-34s-11w Barber Ks

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

ft

5500 ppm

Viscosity:

50.00 sec/qt

Cushion Length: Cushion Volume:

bbl

Water Salinity:

Water Loss: Resistivity:

12.39 in³ 0.00 ohm.m Gas Cushion Type: Gas Cushion Pressure:

psig

Salinity: Filter Cake: 5500.00 ppm 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	SO&GCM 2%o 11%g 87%m	0.590
72.00	Drlg.mud	1.010
0.00	1305 ft.of GIP	0.000

Total Length:

192.00 ft

Total Volume:

1.600 bbl

0

Num Fluid Samples: 0

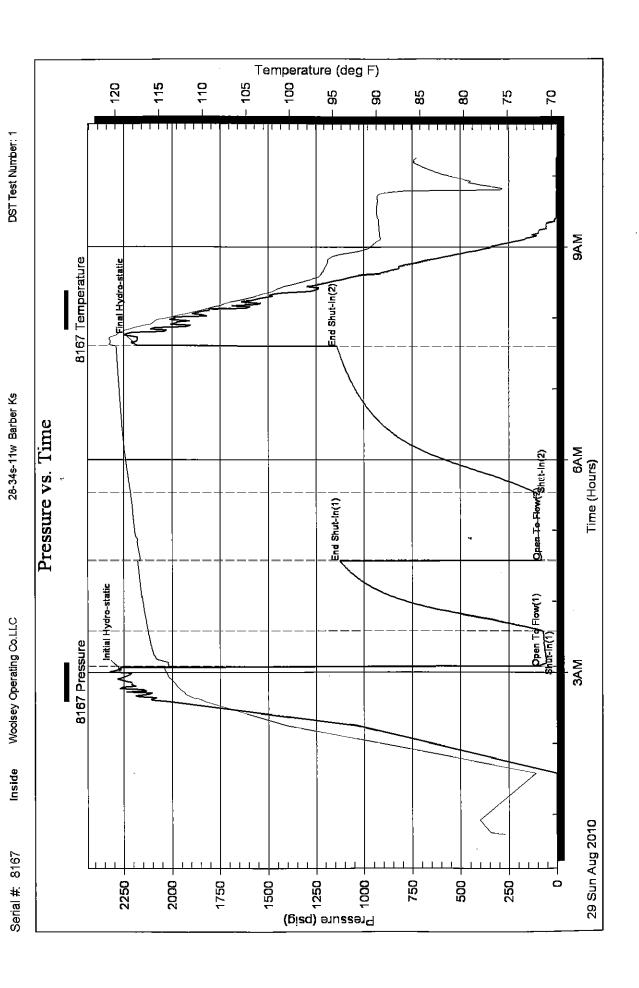
Num Gas Bombs:

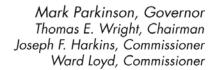
Serial #: none

Laboratory Name: ...

Laboratory Location:

Recovery Comments:







December 17, 2010

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

Re: ACO1 API 15-007-23579-00-00 MOLZ 2 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