

Kansas Corporation Commission Oil & Gas Conservation Division

1050396

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: State: Zip:+	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 ☐ 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?
If Workover/Re-entry: Old Well Info as follows:	·
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Conv. to ENHR	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 TwpS. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and cle recovery, and flow rate	osed, flowing and shu	nd base of formations pe at-in pressures, whether est, along with final chart well site report.	shut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	nole temperature, fluid
Drill Stem Tests Take		☐ Yes ☐ No		og Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	ological Survev	☐ Yes ☐ No	Nam	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop	ed Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
			RECORD No-	ew Used ermediate, producti	ion, 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
		ADDITIONA	L CEMENTING / SQI	JEEZE RECORD	I.		
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives			
—— Plug Back TD —— Plug Off Zone							
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge Plu Footage of Each Interval Pe	gs Set/Type rforated		cture, Shot, Cemen mount and Kind of Ma		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	IHR. Producing Me		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	ter B	bls.	Gas-Oil Ratio	Gravity
DISPOSITI	ION OF GAS:		METHOD OF COMPL	_		PRODUCTIO	ON INTERVAL:
Vented Sol	d Used on Lease	Open Hole	Perf. Dually (Submit		mmingled mit ACO-4)		

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



phone: 316-337-6200 fax: 316-337-6211 http://kcc.ks.gov/

Thomas E. Wright, Chairman Ward Loyd, Commissioner Corporation Commission

Sam Brownback, Governor

February 04, 2011

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

Re: ACO1 API 15-007-23603-00-00 MILLER 4 NW/4 Sec.31-34S-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

ALLIED CEMENTING CO., LLC. 042221 Federal Tax I.D.# 20-5975804

REMIT TO P.O. B RUSS		ANSAS 676	65		SER	Media	nelvigels
DATE/0 10 10	SEC.	TWP. 349	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 445 AM
LEASE Miller	WELL#	4	LOCATION			Barber	STATE
			LOCATION		•	130,700 40	
OLD OR NEW (Ci	rcie one)	* .	*				
CONTRACTOR	H-2	#3		OWNER	Woolsey		
TYPE OF JOB S				OWINDIK	7	 	
HOLE SIZE 743		T.D)	CEMENT			
	40 3/4		PTH 245	AMOUNTO	RODERED 230	Isk class	A + 3% co
TUBING SIZE	<u> </u>		PTH	+2%, el		770 01002	
DRILL PIPE	····		PTH	- 4 00/0			
TOOL			PTH	Automotive			No. of the last of
PRES. MAX 36	ට		NIMUM	COMMON	230 sx	@ 15.45	3553-50
MEAS. LINE			OE JOINT NA	POZMIX		@ <u>.</u>	
CEMENT LEFT IN	VCSG 7		OL JOHNI : 74	GEL	۲ کد	@20.80	104 00
PERFS.	1 000.		4	CHLORIDE		@58:20	465.60
DISPLACEMENT	7/1/2	86/c F	resh/fo	ASC	0 3~		- 1000
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	CEMEN'	TER <u>D. F</u>	el i	Regulatory	Correspondence	_	
#352	HELPER	Ceason	((Drig)/ Comp	Workovers	_	
BULK TRUCK				Tosts / Meter	s Operations	_	
# 364	DRIVER	Davil.				_ @	
BULK TRUCK						_	
#	DRIVER			— HANDLING	2013		583.20
			3	— HANDLING MILEAGE _		<u> </u>	364.50
	E ACTI	EMARKS:		MILEAGE _	3-19-19-1		5070.80
	esh H	3\$2 cen 20, Wasi	rc., Pump Space hent, Start hup muck, S	low —	SERVI	CE	
Rate at 15	13615	See St	eady increase i	<u>n <i>PSZ</i></u> DEPTH OF J	OB ZZ7	(0/0	
Stop Pumpo	<u>5 21</u>	_	to tal Disp. S	41 PUMPTRUC		-	
in comen	Pid	Circ.		EXTRA FOO		_ @	
		· · · · · · · · · · · · · · · · · · ·		MILEAGE _		_ @ <u>7.60</u>	_105
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CHARGE TO:	W00	lsey C	perc	· · · · · · · · · · · · · · · · · · ·			
		1	A CONTRACTOR OF THE CONTRACTOR			TOTA	L 1123 =
STREET							
CITY	S	TATE	ZIP	a. J ako Bajarah Masa Masarah	PLUG & FLOA	T EQUIPME	NT
					/ ~		
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				100	<u>/</u>	@	
To Allied Cemen	ting Co.	, LLC.		er er rik v		@	
You are hereby re	equested	to rent cer	menting equipmer	it —		@	
•			to assist owner or			@	
			he above work wa	as			
			of owner agent of			TOTA	L
		_	and the "GENERA				
			d on the reverse si	CATECTAV	(If Any)	* .	-
I LINIVIO AIND C	ווועוינט	oiad iiste	a on me reverse si	ide.			
	n		4.00	TOTAL CHA	KUES _		
PRINTED NAME	14/14	E - 1/1	MA	DISCOUNT		IF PA	ID IN 30 DAYS
	1		7		W-HEA		
SIGNATURE.		H	2	X06			

ALLIED CEMENTING CO., LLC. 042240

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Medicino Lodge, Rs

SEC. TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 10-21-2010 31 34	15 116	12:00pm	4:30Am	9:30 An	STATE
LEASE Miller WELL# 4		"Cine Losso)		Berber	15
OLD OR NEW Circle one)	Restle Snsk	- RE, 3/45, L	ENDINA	_	
CONTRACTOR #2#3		OWNER W	oolse, Of	orcyting	
TYPE OF JOB Production HOLE SIZE 7 % T.	D	CEMENT			
	D. EPTH <i>5167'</i>		DERED 75s	- Collies	Stille 6
	EPTH 5/6/		955 # + 10°/2		
	EPTH		+.896FL1		
	EPTH		-	SC 7- 1-1-5 (
	INIMUM	COMMON /	1 45 sx	@ 15.45	695.25
MEAS. LINE SI	HOE JOINT 42'	POZMIX	30 sx		240.00
CEMENT LEFT IN CSG.		GEL	3 SX	<u>@20.80</u>	62.40
PERFS.	. 34	CHLORIDE		_@	
DISPLACEMENT SO byls of	- 2010 KLL WE		70	@	
EQUIPMEN	Т	H = 180		_@ <u>16.75</u>	36/S ==
		<u>Gypseal</u>		@29.20	496.40
PUMPTRUCK CEMENTER D	grin F	- <u>Salt</u>	20 SX 135 ±	_@ \J`@ _	240.00
#360-265 HELPER mgs		F/-160	1080=	_@ <i>13.30</i>	1795,50
BULK TRUCK		Kolseal Florida	45 =	@ <u>- 89</u>	961.20
# 381-290 DRIVER J950	A.F. I - Line	Flescal KCL	8 Gals	@ <i>2.5</i> 0 @31.25	250 00
BULK TRUCK Regu	latory Corresponder	100	0 6413	_@ <u></u>	
# DRIVER Drig	Comp Workov		321	@2.40	770.40
1650	3 / 1/10/01/2	MILEAGE			48/.50
REMARKS	•	WILDER TOD		TOTAL	0120 6
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Pipe on bottom & bioc			CUT IDA/II		
My 35 So for pethole, n Scavenger Cement, mix 1			SERVI		
Cement, Shutdown, wash	Olmo dines	DEPTH OF JO	8 5167		* .
Relegge Dlug Socra disple		PUMP TRUCK	CHARGE	2185 °	
	s refe to 3bpr			<u> </u>	2 g
G+ 70 bbis, Bump Plug		MILEAGE		@7=	10S º
802-1500 ps: flog = 2.2		— MANIFOLD		@	
. ,	-	- 4	esdrente1		
			,	@	-
CHARGE TO: Woolsey Of	orstina				
•	•			TOTAL	2290
STREET					
CITYSTATE	ZIP	<u></u>		אינו אינו וווי אינו י	
		41/2	LUG & FLOAT	EQUITMEN	1 L
					3-5-00
			-lock shor	_ @	205.00
			Down plus	_@	793.00
To Allied Cementing Co., LLC.		10-Turboli		_@ <i>57.80</i> @\$\$. <i>65</i>	3/0 =
You are hereby requested to rent ce	ementing equipment	20-Sercto	ners	_ @ 	1113 =
and furnish cementer and helper(s)	to assist owner or	· 	7 -		- 5
contractor to do work as is listed.	The above work was	3 .			1841
done to satisfaction and supervision	n of owner agent or	the second second		TOTAL	1071
contractor. I have read and underst	and the "GENERAI	CALIFOTATZ/I	C A		
TERMS AND CONDITIONS" list	ed on the reverse sid	e. SALES TAX (I	(Any)		
	Tr. Land	TOTAL CHAR	GES		
PRINTED NAME X 500+	Alhere	DICCOLINIT	ď	TE DAT	D IN 30 DAYS
A MINIED INAIVIE		DISCOUNT		IF PAI	D IN 30 DAIS
	11/2				
SIGNATURE X				-	
-1 11	4 1 :				
Thank Yo					
					*



DRILL STEM TEST REPORT

Woolsey Operating Co.

Miller #4

Tester:

Unit No:

125 N Market STE 1000

31/34s/11w

Wichita Ks, 67202

Job Ticket: 37400 DST#: 1

ATTN: Scott Alberg

Test Start: 2010.10.17 @ 11:30:39

Mike Slemp

53

GENERAL INFORMATION:

Formation: Cherokee-Mississipp

Deviated: Whipstock: Test Type: Conventional Bottom Hole ft (KB)

Time Tool Opened: 13:59:09 Time Test Ended: 21:24:09

> Reference Elevations: 1402.00 ft (KB)

4648.00 ft (KB) To 4780.00 ft (KB) (TVD)

1393.00 ft (CF)

7.78 inches Hole Condition: Good Hole Diameter: KB to GR/CF: 9.00 ft

Serial #: 8677 Inside

Interval:

Total Depth:

Press@RunDepth: 4650.00 ft (KB) 68.54 psig @ Capacity: 8000.00 psig

Start Date: 2010.10.17 End Date: 2010.10.17 Last Calib.: 2010.10.17 Start Time: 11:30:40 End Time: 21:24:09 Time On Btm: 2010.10.17 @ 13:56:39 Time Off Btm: 2010.10.17 @ 18:30:24

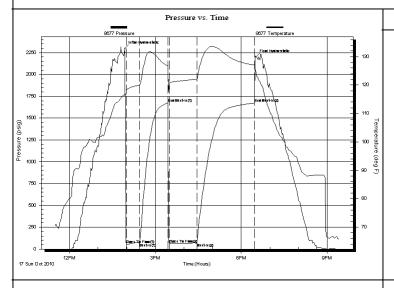
TEST COMMENT: IF- BOB in 1 min

ISI- No blow back

4780.00 ft (KB) (TVD)

FF- BOB in ASAO, GTS in 10 min TSTM

FSI- No blow back



PRESSURE SUMMARY							
Pressure Temp	Annotation						
Pressure Temp	Annotation						

Pressure	Temp	Annotation
(psig)	(deg F)	
2299.01	116.71	Initial Hydro-static
56.55	118.00	Open To Flow (1)
65.60	119.97	Shut-In(1)
1677.00	126.75	End Shut-In(1)
61.58	120.67	Open To Flow (2)
68.54	121.84	Shut-In(2)
1673.50	127.04	End Shut-In(2)
2204.59	124.41	Final Hydro-static
	(psig) 2299.01 56.55 65.60 1677.00 61.58 68.54 1673.50	(psig) (deg F) 2299.01 116.71 56.55 118.00 65.60 119.97 1677.00 126.75 61.58 120.67 68.54 121.84 1673.50 127.04

DDECCLIDE CLIMANADY

Recovery

Length (ft)	Description	Volume (bbl)
190.00	100%mud	0.93
	-	

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 37400 Printed: 2010.10.18 @ 09:40:49 Page 1



DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.

Miller #4

125 N Market STE 1000

31/34s/11w

Serial #:

Wichita Ks, 67202

Job Ticket: 37400 **DST#:1**

ATTN: Scott Alberg

Test Start: 2010.10.17 @ 11:30:39

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight: 9.00 lb/gal Cushion Length: ft
Viscosity: 49.00 sec/qt Cushion Volume: bbl

Water Loss: 9.17 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5000.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	100%mud	0.934

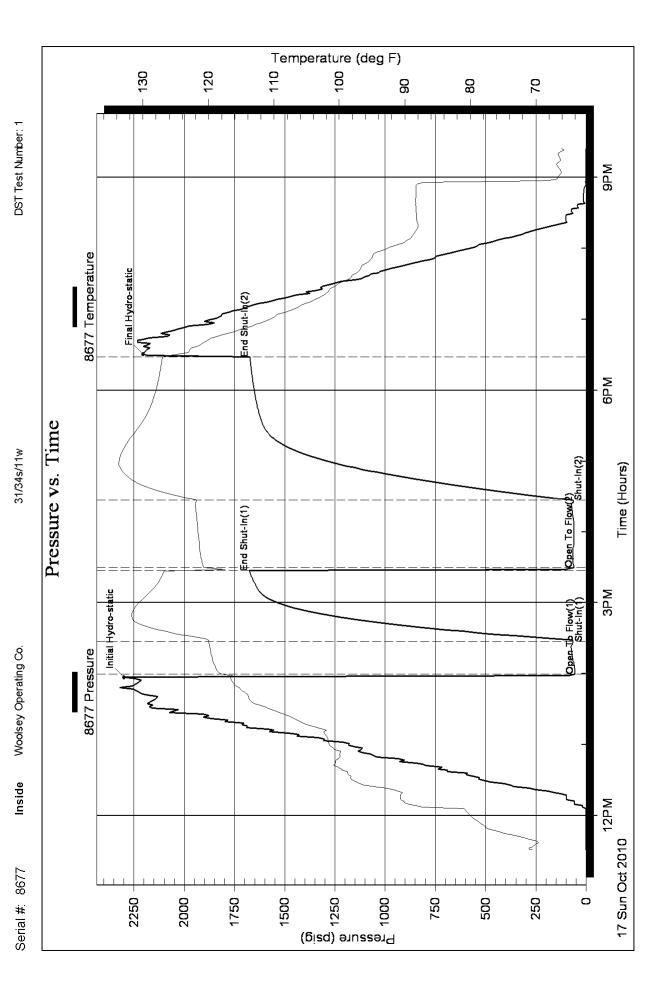
Total Length: 190.00 ft Total Volume: 0.934 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 37400 Printed: 2010.10.18 @ 09:40:50 Page 2



Printed: 2010.10.18 @ 09:40:51 37400 Ref. No: Trilobite Testing, Inc

Page 3

