

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1057529

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Fast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ( )	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #·
	Field Name:
Purchasser	Dreducing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to: w/ sx cmt.
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:	
Deepening Re-perf Conv to FNHR Conv to SWD	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 #:	
SWD     Permit #:	Lease Name: License #:
ENHR         Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date         Date Reached TD         Completion Date or 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 Approved by: Date:							

	Side Two				
Operator Name:	Lease Name:	Well #:			
Sec TwpS. R East West	County:				

**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 (Attach Additional She	eets)	Yes No		og Formation	n (Top), Depth and	d Datum	Sample	
Samples Sent to Geolog	ical Survey	Yes No	Nam	e		Іор	Datum	
Cores Taken Electric Log Run Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>		<ul> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> </ul>						
List All E. Logs Run:								
		CASING	RECORD Ne	w Used				
		Report all strings set-	conductor, surface, inte	ermediate, producti	on, 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	

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Depth				
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner R	Run:	No	
Date of First, Resumed Production, SWD or ENHR.			<b>λ</b> .	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
			I						1	
DISPOSITION OF GAS:				METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:	
Vented Sold Used on Lease			Open Hole Perf. Dually Comp. Con (Submit ACO-5) (Sub			Commingled (Submit ACO-4)				
(If vented, Submit ACO-18.)				Other (Specify)						









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# **Miller #1-16**

NW-NE-SW-SE 1265' FSL & 1894' FEL Sec.16, T19s - R12w Barton County, Kansas

ΔPI #	15-009-25487-00-00				TOC: Surface
Spud Date: Completed:	11/1/2010 11/24/2010				
Field:	Wildcat				
GL: KB:	1872' 1883'				
Surface Casin 8-5/8" 23# set Cemented with 60/40 Poz	ng : @ 733' 1 350 sx				<b>Tubing:</b> 112 joints of 2-3/8" tubing SN set @ 3448' <b>Rods:</b> 137 x 3/4" rods <b>Pump:</b> 2" x 1 5" X 12' BWT
<b>Production Ca</b> 5-1/2", 15.5# s Cemented with 50 sx 60/40 Pc 150 sx AA2	<b>asing:</b> et @ 3514' o 200 sx oz (scavenger)		0	Λ	<u>L-KC Perfs:</u> 3248-52' (8) 11/23/10
		<b>ک</b> { { ~ PBT TD:	} ~~~} D: 3485 3550'	<b>S</b> ;'	



# DRILL STEM TEST REPORT

Prepared For:

## Shelby Resources L.L.C

445 Union BLVD.Suite 208 Lakewood, Colorado 80228

ATTN: Keith Reavis

### 16/19S/12W Barton

### Miller #1-16

 Start Date:
 2010.11.06 @ 09:19:00

 End Date:
 2010.11.06 @ 20:49:00

 Job Ticket #:
 15713
 DST #:
 1

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902 Shelby Resources L.L.C

RERIA	DRILL STEM TES	T REP	ORT			
	Shelby Resources L.L.C		Mille	er #1-16		
	445 Union BLVD.Suite 208		16/1	9S/12W B	arton	
STEP	Lakew ood, Colorado 80228		Job T	icket: 15713	DST#	<i>‡</i> :1
	ATTN: Keith Reavis		Test	Start: 2010.	11.06 @ 09:19:00	1
GENERAL INFORMATION:						
Formation:Lansing "A-F" ZoneDeviated:NoWhipstock:Time Tool Opened:11:55:30Time Test Ended:20:49:00	ft (KB)		Test Teste Unit N	Type: Con er: Dyla No: 334{	ventional Bottom I n E Ellis 5-Great Bend-18	Hole (Initial)
Interval: 3172.00 ft (KB) To 32	260.00 ft (KB) (TVD)		Refe	rence Elevati	ions: 1883.0	00 ft (KB)
Total Depth: 3260.00 ft (KB) (T	/D) Condition: Eair			KP to C	1872.( D/CE: 11.(	00 ft (CF)
				KB IU G		
Serial #: 8400 Outside Press@RunDepth: 697.02 psia Start Date: 2010.11.06 Start Time: 09:19:00 TEST COMMENT: 1ST Opening 1ST Shut-In 2ND Opening minutes/gauged Pressure vs. T	@ 3256.31 ft (KB) End Date: End Time:          5 Minutes Strong blow /blow blew to 45 Minutes yes blow back/4 inches 60 Minutes Very Strong blow /blew gas see gas flow chart         imme	Capacity:       5000.00 psia         2010.11.06       Last Calib.:       2010.11.06         20:49:00       Time On Btm:       2010.11.06 @ 11:53:30         Time Off Btm:       2010.11.06 @ 15:17:00         c bottom of the bucket in 1 minute/blow w as building         into bucket of w ater and backed off to 1 inch into bucket         bottom of bucket of w ater in 30 seconds/gas to surface in 7         PRESSURE SUMMARY         Time       Pressure         (Min.)       (psia)         0       1571.74         103.20       Initial Hydro-static			00 psia 06 30 00 et et e in 7	
200 500 500 500 500 500 500 500		7 51 52 109 201 204	362.81 972.55 422.10 697.02 931.96 1528.39	105.76 Sh 106.05 En 105.86 Op 106.08 Sh 106.77 En 107.74 Fir	ut-In(1) d Shut-In(1) ven To Flow (2) ut-In(2) d Shut-In(2) nal Hydro-static	
Recovery			ļ ļ_	Gas R	ates	
Length (ft) Description	Volume (bbl)			Choke (inches	s) Pressure (psia)	Gas Rate (Mcf/d)
2450.00 Clean Gassy Oil//Gas 15	% Oil 85% 32.66	First Gas	s Rate	0.13	7.30	2.90
0.00 Gravitiy of Oil corrected	0.00 Gravitiy of Oil corrected w as 43 0.00				10.22	4.06
		Max. Ga	s Rate	0.13	11.20	4.45
Superior Testers Enterprises LLC	Ref. No: 15713			Printed: 201	0.11.06 @ 21:12	25

REAL	DRILL STEM TES	T REP	ORT					
	Shelby Resources L.L.C	Miller #1-16						
	445 Union BLVD.Suite 208		16/	19S/12W	Barton			
STEP	Lakew ood, Colorado 80228		Job	Ticket: 157	713	DST#:1		
	ATTN <sup>.</sup> Keith Reavis		Tes	t Start: 201	10.11.06 @ 09 <sup>.</sup>	19.00		
GENERAL INFORMATION:								
Formation:Lansing "A-F" ZoneDeviated:NoWhipstock:Time Tool Opened:11:55:30Time Test Ended:20:49:00	e ft (KB)	Test Type: Conventional Bottom Hole (Initia Tester: Dylan E Ellis Unit No: 3345-Great Bend-18						
Interval: 3172.00 ft (KB) To 32	260.00 ft (KB) (TVD)		Refe	erence Elev	vations: 1	883.00 ft (KB)		
Hole Diameter: 7.88 inchesHole	v D) e Condition: Fair			KB to	1 GR/CF:	872.00 ft (CF) 11.00 ft		
					5			
Serial #: 4143       Inside         Press@RunDepth:       932.55 psia       @ 3255.31 ft (KB)       Capacity:       5000.00 psia         Start Date:       2010.11.06       End Date:       2010.11.06       Last Calib.:       2010.11.06         Start Time:       09:19:00       End Time:       20:42:45       Time On Btm:       2010.11.06 @ 11:52:46         TIME OFF Btm:       2010.11.06 @ 15:16:16       Time Off Btm:       2010.11.06 @ 15:16:16         TEST COMMENT:       1ST Opening 1ST Shut-In 2ND Opening       5 Minutes yes blow back/4 inches into bucket of water and backed off to 1 inch into bucket 60 Minutes Very Strong blow/blew bottom of bucket of water in 30 seconds/gas to surface in 7								
Pressure vs. 7	lime	PRESSURE SUMMARY						
115 Presure 150	Time (Min.) 0 2 7 51 52 109 201 204	Pressure (psia) 1573.01 347.21 427.50 973.99 437.19 698.48 932.55 1534.66	Temp (deg F) 100.58 101.06 102.68 103.53 103.57 104.44 105.33 105.69	Annotation Initial Hydro-sta Open To Flow ( Shut-In(1) End Shut-In(1) Open To Flow ( Shut-In(2) End Shut-In(2) Final Hydro-sta	atic 1) 2) atic			
Recovery				Gas	Rates			
Length (ft) Description			- Data	Choke (inc	ches) Pressure (ps	sia) Gas Rate (Mcf/d	d)	
2450.00 Clean Gassy Oil//Gas 15	2450.00 Clean Gassy Oil/Gas 15% Oil 85% 32.66				13 7. 13 10	30 2.90	<u>'</u>	
		Max Ca	s Rate	0.	13 10.	20 4.00		
				ļ <u>0</u> .			·]	
Superior Testers Enterprises LLC	Ref. No: 15713			Printed: 2	2010.11.06 @ 2	21:12:25		

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	RERIO		DRIL	DRILL STEM TEST REPORT					
		;	Shelby Re	esources L.L.C		Miller #1-16			
CITER STER			445 Unior	n BLVD.Suite 208 d. Colorado 80228		16/19S/12W Barton			
						Job Ticket: 15713	DST#:1		
			ATTN: Keith Reavis			Test Start: 2010.11.06 @ 09:19:00			
Tool Information	on		•						
Drill Pipe:	Length:	2967.00 ft	Diameter:	3.80 inches Volume:	41.62 bbl	Tool Weight:	2000.00 lb		
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb		
Drill Collar:	Length:	186.98 ft	Diameter:	2.25 inches Volume:	0.92 bbl	Weight to Pull Loose:	25000.00 lb		
				Total Volume:	42.54 bbl	Tool Chased	0.00 ft		
Drill Pipe Above I	KB:	10.98 ft				String Weight: Initial	67000.00 lb		
Depth to Top Packer: 3172.00 ft					Final	73000.00 lb			
Depth to Bottom	Packer:	ft							
Interval between	Packers:	87.31 ft							
Tool Length:		116.31 ft							

Length (ft) Serial No. Position **Tool Description** Depth (ft) Accum. Lengths 3144.00 Change Over Sub 1.00 Shut-In Tool 5.00 3149.00 Hydrolic Tool 5.00 3154.00 Jars 6.00 3160.00 Safety Joint 2.00 3162.00 Packer 5.00 3167.00 29.00 Bottom Of Top Packer Packer 3172.00 5.00 Perforations 7.00 3179.00 Change Over Sub 0.75 3179.75 Drill Pipe 63.81 3243.56 Change Over Sub 0.75 3244.31 Perforations 10.00 3254.31 Recorder 1.00 4143 Inside 3255.31 Recorder 1.00 8400 Outside 3256.31 Bullnose 3.00 3259.31 87.31 Bottom Packers & Anchor

6.75 inches

Total Tool Length: 116.31

2 Diameter:

Number of Packers:

Tool Comments: Thanks For The Work!

I SPERIO	DR	LL STEM TEST RE	EPORT	-	F	FLUID SUMMARY
	Shelby	Resources L.L.C		Miller #1-1	6	
	445	nion BLVD Suite 208		16/195/12	V Barton	
I STEP	Lakew	ood, Colorado 80228		Job Ticket: 1	5713	DST#:1
	ATTN:	Keith Reavis		Test Start: 20	010.11.06 @ 09	0:19:00
Mud and Cushion Info	ormation					
Mud Type: Gel Chem	Val	Cushion Type:		ft	Oil API: Water Salinity:	43 deg API
Viscosity: 45.00 s	ec/gt	Cushion Volume:		bbl	vvaler Samily.	ρριι
Water Loss: 7.20 in	, 1 <sup>3</sup>	Gas Cushion Type:				
Resistivity: o	hm.m	Gas Cushion Pressure:		psia		
Salinity: 4000.00 p	pm					
Filler Cake. 1.00 III	iches					
Recovery Information		Recovery Table				
	Length	Description		Volume	]	
	2450.00	Clean Cassy Oil//Cas 15% Oil 8	5%	32 664		
	0.00	Gravitiy of Oil corrected was 43	3	0.000		
Tota	al Length: 2450	.00 ft Total Volume:	32.664 bbl		•	
Nur	m Fluid Samples: 0	Num Gas Bombs	0	Serial #		
Lab	oratory Name:	Laboratory Location:	0	Condin.		
Rec	covery Comments: C	ongrates on the nice well !!!!				



# DRILL STEM TEST REPORT

Shelby Resources L.L.C

ATTN: Keith Reavis

445 Union BLVD.Suite 208 Lakew ood, Colorado 80228

### Miller #1-16

#### 16/19S/12W Barton

 Job Ticket:
 15713
 DST#:1

 Test Start:
 2010.11.06 @ 09:19:00

### **Gas Rates Information**

Temperature:	1	(deg F)
Relative Density:	0.65	
Z Factor:	0.8	

### Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
1	20	0.13	7.30	2.90
1	30	0.13	11.20	4.45
1	40	0.13	10.70	4.25
1	50	0.13	10.89	4.32
1	60	0.13	10.22	4.06

### GAS RATES



16/19S/12W Barton



Printed: 2010.11.06 @ 21:12:27

Ref. No: 15713



16/19S/12W Barton



Printed: 2010.11.06 @ 21:12:27

Ref. No: 15713



# DRILL STEM TEST REPORT

Prepared For:

### Shelby Resources L.L.C

445 Union BLVD.Suite 208 Lakewood, Colorado 80228

ATTN: Keith Reavis

### 16/19S/12W Barton

### Miller #1-16

 Start Date:
 2010.11.07 @ 02:03:00

 End Date:
 2010.11.07 @ 00:00:00

 Job Ticket #:
 15715
 DST #: 2

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

RERIA	DRILL STEM TES	T REPO	ORT				
ENTERPRISES LLC	Shelby Resources L.L.C		Mill	ler #1-16	6		
KOTEN	445 Union BLVD.Suite 208		<b>16</b> /1	19S/12W	Barton		
	Lakew ood, Colorado 80228			Job Ticket: 15715 DST#:2			
	ATTN: Keith Reavis		Test	Start: 20	10.11.07 @	02:03:00	
GENERAL INFORMATION:							
Formation:Lansing"H-L" ZonDeviated:NoWhipstock:Time Tool Opened:00:00:00Time Test Ended:00:00:00		Test Type:Conventional Bottom Hole (Initial)Tester:Dylan E EllisUnit No:3345-Great Bend-18					
Interval: 3314.00 ft (KB) To 34	25.00 ft (KB) (TVD)		Refe	erence Elev	vations:	1883.00 ft (KB)	
Total Depth: 3425.00 ft (KB) (T Hole Diameter: 7.88 inches Hole	/D) Condition: Fair			KB to	GR/CE	1872.00 ft (CF)	
						11:00 11	
Serial #: 8400 Outside			o "			5000.00	
Press@RunDepth: 715.23 psia Start Date: 2010 11 07	@ 3421.40 ft (KB) End Date:	2010 11 07	Capacity: Last Calib	· ·		5000.00 psia 2010 11 07	
Start Time: 02:00:00	End Time:	09:32:00	Time On E	 3tm: 2	010.11.07 (	@ 04:35:30	
			Time Off I	Btm: 2	010.11.07 (	@ 07:30:30	
TEST COMMENT: 1ST Opening 1ST Shut-In 2ND Opening 1 2ND Shut-In 900 Pressure vs. T	18 Minutes flow was dead/waited 1 45 Minutes no blow back 5 Minutes flow dead-flushed tool no 00 Minutes yes blow back but not m	I0 minutes flu o help- shut t easureable/rr Time (Min.) 0 1 10	ushed tool/go tool in and we ead comment Pressure (psia) 1645.77 84.77 99.23	ent to pull ts on Tool RESSUR Temp (deg F) 106.09 105.54 105.63	it had little b Section E SUMM/ Annotatio Initial Hydro Open To Fl Shut In(1)	dead olow back ARY n o-static ow (1)	
1200 1700 100 100 100 100 100 100	5 5 5 5 5 5 5 5 5 5 5 5 5 5	19 64 65 81 174 175	99.23 585.39 101.90 112.93 715.23 1665.88	105.63 106.17 106.04 106.22 107.91 108.89	Snut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	n(1) ow (2) n(2) o-static	
Recovery		I	Į	Gas	Rates		
Length (ft) Description	Volume (bbl)			Choke (in	nches) Pressur	re (psia) Gas Rate (Mcf/d	d)
65.00 Slightly oil cut mud 5% O	il 95% Mud 0.32						
	Dof No: 15715			Printed: :	2010 11 07	@ 21.58.32	

RERIG	DRILL STEM TES	T REPO	ORT				
ENTERPRISES LLC	Shelby Resources L.L.C		Mil	ler #1-1(	6		
COTER	445 Union BLVD.Suite 208		16/ <sup>,</sup>	19S/12W	Barton		
	Lakew ood, Colorado 80228		Job	Ticket: 15	5715	DST#:2	
	ATTN: Keith Reavis		Test	t Start: 20	10.11.07 @	02:03:00	
GENERAL INFORMATION:							
Formation:Lansing "H-L" ZoneDeviated:NoWhipstock:Time Tool Opened:00:00:00Time Test Ended:00:00:00	Test Type: Conventional Bottom Hole (Initial) Tester: Dylan E Ellis Unit No: 3345-Great Bend-18					e (Initial)	
Interval: 3314.00 ft (KB) To 34	25.00 ft (KB) (TVD)		Refe	erence Ele	vations:	1883.00	ft (KB)
Hole Diameter: 7.88 inchesHole	Condition: Fair			KB t	o GR/CF:	1872.00	ft
Serial #: 4143 Inside	a 2420 40 (t (//D))		Canaaitu			5000.00	
Start Date: 2010.11.07	End Date:	2010.11.07	Last Calik	D.:	2	2010.11.07	psia
Start Time: 02:00:00	End Time:	09:48:15	Time On I Time Off	Btm: 2 Btm: 2	2010.11.07 @ 2010 11 07 @	) 04:35:46	
TEST COMMENT: 1ST Opening 1 1ST Shut-In 4 2ND Opening 1 2ND Shut-In 9 Pressure vs. T 150 150 150 150 150 150 150 150 150 150	8 Minutes flow was dead/waited 1 5 Minutes no blow back 5 Minutes flow dead-flushed tool n 0 Minutes yes blow back but not m me 440 Tomporture 440 Tomporture 450 Tompo	I0 minutes flu o help- shut t easureable/re Time (Min.) 0 1 1 8 64 65 90 174 175	shed tool/go ool in and w ead commen Pressure (psia) 1645.59 88.19 101.71 572.96 102.86 153.21 717.59 1608.68	ent to pull ent to pull tts on Tool RESSUR Temp (deg F) 104.09 104.02 104.17 105.27 105.44 106.00 107.68 106.64	ool w as still it had little b Section RE SUMMA Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In Final Hydro	dead low back ARY n static bw (1) (1) (1) bw (2) -static	
344 OHd 7 Sun Nov 2010 Time (Hours)	944						
Recovery	Volumo (bbl)			Gas	s Rates		Rate (Mof/d)
65.00 Slightly oil cut mud 5% Oi	1 95% Mud 0.32			Cnoke (II	ncnes) Pressur	e (psia) Gas	s kate (MCM)
				Drinted	2010 11 07	@ 24.50.00	

RERIG		DRII	L STE	MTEST	REPOR	Г	TOOL DIAGRAM
	c	Shelby I	Resources L.	L.C		Miller #1-16	
		445 Union BLVD.Suite 208				16/19S/12W Bartor	1
		Lakew c	od, Colorado	80228		Job Ticket: 15715	DST#:2
		ATTN:	ATTN: Keith Reavis Test Start: 2010.11.07 @ 0			@ 02:03:00	
Tool Information		•					
Drill Pipe: Length:	3128.00 ft	Diameter:	3.80 inc	ches Volume:	43.88 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	0.00 inc	ches Volume:	0.00 bbl	Weight set on Packe	r: 20000.00 lb
Drill Collar: Length:	186.98 ft	Diameter:	2.25 inc	ches Volume:	0.92 bbl	Weight to Pull Loose:	8000.00 lb
Drill Ding Above KP:	20 00 ft		-	Total Volume:	44.80 bbl	Tool Chased	0.00 ft
Denth to Ton Packer	29.90 IL					String Weight: Initial	69000.00 lb
Depth to Bottom Packer	5514.00 ft					Final	70000.00 lb
Interval between Packers:	110.40 ft						
Tool Length:	139.40 ft						
Number of Packers:	2	Diameter:	6.75 inc	ches			
Tool Comments: We shut t	ool in/got read	dy to pull th	e tool and had	d blow back fr	om the 1 inch ho	se/tried to measure the blo	ow back but lost it as it
bled off o	n us.						
	<u>.</u>						
Tool Description	Le	ngth (ft)	Serial No.	Position	Depth (ft) Ac	cum. Lengths	
		1.00			3286.00		
Shut-In Tool		5.00			3291.00		
Hydrolic Tool		5.00			3296.00		
Jars		6.00			3302.00		
Safety Joint		2.00			3304.00		
Packer		5.00			3309.00	29.00	Bottom Of Top Packer
Packer		5.00			3314.00		
Perforations		2.00			3316.00		
Change Over Sub		0.75			3316.75		
Drill Pipe		94.90			3411.65		
Change Over Sub		0.75			3412.40		
Perforations		7.00			3419.40		
Recorder		1.00	4143	Inside	3420.40		
Recorder		1.00	8400	Outside	3421.40		
Bullnose		3.00	5.00		3424.40	110.40 B	ottom Packers & Anchor
Total Tas	llongth	120.40			3.20		
	n Lengui:	139.40					

JPER	DRILL STEM TEST REPOR							FLUID S	UMMARY
ENTERPRIS	ES LLC	Shelby Resources L.L.C			Miller #	1-16			
		445 Union BLVD.Suite 208				16/19S/	12W Barton		
	Lakew	ood, Colo	rado 80228		Job Ticket	: 15715	DST#: 2	DST#:2	
		ATTN:	ATTN: Keith Reavis				: 2010.11.07 @ (	02:03:00	
Mud and Cushio	n Information	Į							
Mud Type: Gel Che	m	Cushion Type:				Oil API:		deg API	
Mud Weight:	9.00 lb/gal		C	Cushion Length:		ft	Water Salinity	:	ppm
Viscosity:	49.00 sec/qt		(	Cushion Volume:		bbl			
Water Loss:	7.99 in <sup>3</sup>			Bas Cushion Type:		naia			
Resistivity: 60	00.00 00 00		C.	bas Cushion Pressur	e:	psia			
Filter Cake:	1.00 inches								
Recovery Inform	ation								
			F	Recovery Table					
	Leng	gth		Description		Volume bbl	•		
	65.00 Slightly oil cut mud 5% Oil 95% Mud				0.3	320			
	Total Length:	65	.00 ft	Total Volume:	0.320 bbl				
	Laboratory Na Recovery Com	me: iments:		Laboratory Locati	on:				





Printed: 2010.11.07 @ 21:58:37

Ref. No: 15715



Shelby Resources L.L.C

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