Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1267743

Form ACO-1 November 2016 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.:
Name:		Spot Description:
Address 1:		
Address 2:		Feet from Dorth / South Line of Section
City: State: 2	Zip:+	Feet from East / West Line of Section
Contact Person:		Footages Calculated from Nearest Outside Section Corner:
Phone: ()		
CONTRACTOR: License #		GPS Location: Lat:, Long:
Name:		(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:		Datum: NAD27 NAD83 WGS84
Purchaser:		County:
Designate Type of Completion:		Lease Name: Well #:
New Well Re-Entry	Workover	Field Name:
		Producing Formation:
		Elevation: Ground: Kelly Bushing:
		Total Vertical Depth: Plug Back Total Depth:
		Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)		Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:		If yes, show depth set: Feet
-		If Alternate II completion, cement circulated from:
Operator:		feet depth to:w/sx cmt.
Well Name:		w/sx cmi.
Original Comp. Date: Original	-	
Deepening Re-perf. Conv. to		Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Plug Back Liner Conv. to	GSW Conv. to Producer	
Commingled Permit #:		Chloride content: ppm Fluid volume: bbls
		Dewatering method used:
SWD Permit #:		Location of fluid disposal if hauled offsite:
EOR Permit #:		Oneventer New e
GSW Permit #:		Operator Name:
		Lease Name: License #:
Spud Date or Date Reached TD	Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date	Recompletion Date	County: Permit #:

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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II III Approved by: Date:

	Page Two	1267743
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tops of formations penetrated	Detail all cores Benort all final	conies of drill stems tests giving interval tested time tool

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests			Y	∕es □No			.og Formati	on (Top), Dep	oth and Datum	Sample
Samples Sent to		Survey	Y	⁄es 🗌 No		Nam	е		Тор	Datum
Cores Taken Electric Log Run Geolgist Report List All E. Logs F	/ Mud Logs		Y	Yes ☐ No Yes ☐ No Yes ☐ No						
					G RECORD	Ne				
			Rep	ort all strings se	t-conductor, si	urface, inte	ermediate, produc	tion, etc.		
Purpose of St	ring	Size Hole Drilled		ze Casing et (In O.D.)	Wei Lbs.		Setting Depth	Type of Cemen		Type and Percent Additives
	I	I		ADDITION	AL CEMENTI	NG / SQL	JEEZE RECORD)	I	
Purpose: Perforate		Depth Top Bottom	Туре	e of Cement	# Sacks	s Used		Туре	and Percent Additives	
Protect Ca Plug Back	то									
 Did you perform Does the volume Was the hydraul 	e of the total ba	ase fluid of the h	ydraulic fr	acturing treatme		-		No (If N	lo, skip questions 2 an lo, skip question 3) lo, fill out Page Three (
Date of first Produ Injection:	ction/Injection	or Resumed Pro	duction/	Producing Me	ethod:	ng	Gas Lift	Other <i>(Explain)</i> .		
Estimated Produc Per 24 Hours		Oil E	Bbls.	Gas	Mcf	Wat	er E	3bls.	Gas-Oil Ratio	Gravity
DISPO	OSITION OF G	AS:			METHOD OF	COMPLE	ETION:			IN INTERVAL:
Vented	Sold U	Jsed on Lease		Open Hole	Perf.	_ ,		mmingled	Тор	Bottom
(If vente	ed, Submit ACO	-18.)				(Submi	t ACO-5) (Sul	bmit ACO-4)		
Shots Per Foot	Perforation Top	n Perforat Bottor		Bridge Plug Type	Bridge Plu Set At		Acid		t, Cementing Squeeze d Kind of Material Used)	Record

Packer At:

TUBING RECORD:

Size:

Set At:

Form	ACO1 - Well Completion
Operator	Cynosure Energy, LLC
Well Name	Dechant 1-18-15-19
Doc ID	1267743

All Electric Logs Run

Dual Induction/GR
Dual Comp
Porosity Log
Microresitivity
Sonic Log
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Cynosure Energy, LLC
Well Name	Dechant 1-18-15-19
Doc ID	1267743

Tops

Name	Тор	Datum
Stone Corral	1229	765
Topeka	2965	-971
Heebner	3241	-1247
Lansing	3277	-1283
ВКС	3528	-1534
Marmaton	3539	-1545
Pawnee	3571	-1577
Granite	3608	-1614

Form	ACO1 - Well Completion
Operator	Cynosure Energy, LLC
Well Name	Dechant 1-18-15-19
Doc ID	1267743

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	1243	80/20		3%cc 2%gel
Production	7.875	5.50	15.5	3650	Common	205	10% salt

Deviated: No Whipstock: ft (KB) Time Tool Opened: 1903:18 Time Test Ended: 01:40:18 Time Test Ended: 01:40:18 Time Test Ended: 01:40:18 Time Test Ended: 01:40:18 Tast Ended: 01:40:18 Tast Ended: 01:40:18 Tester: Brannan Lonsdale Unit No: 62 Reference Bevalons: 1994.00 ft (KB) 1982.00 ft (KB) 1982.00 ft (KB) 1982.00 ft (KB) 1982.00 ft (CF) 1982.00 ft (CF) 10140.18 Time On Bim: 2015.08.28 @ 19:01:18 Time Off Bim: 2015.08.28 @ 100:13 101 106.52 103.08 0 111:12 2015.08.28 0 100:13 101 106.52 103.08 0 111:12 2015.08.28 10 blu-h(1) 106.52 106.52 106.52 106.52 107.51 107.52 108.55 108.56 109.53 109.	CON TH		DRILL STEM	ΓES		ORT				
Size 410 Derver, CO 80202 ATR: Justin Carter Decinitin # 1-100 (15 - 354.66 pst) GENERAL INFORMATION: Formation: LKC *C* Deviated: No Whipstock: ft (KB) The Tool Openet: 1903:16 Test Type: Conventional Bottom Hole (Initia) The Tool Openet: 1903:16 Test Type: Conventional Bottom Hole (Initia) The Tool Openet: 1903:16 Test Type: Conventional Bottom Hole (Initia) The Tool Openet: 1903:16 Test Type: Conventional Bottom Hole (Initia) The Tool Openet: 1903:16 Test Type: Conventional Bottom Hole (Initia) The Tool Openet: 1903:16 Test Type: Conventional Bottom Hole (Initia) The Tool Openet: 1903:10 Test Type: Conventional Bottom Hole (Initia) The Tool Openet: 1903:10 The Tool Type: 0 The Tool Openet: 1903:10 Start Date: 2015:08:29 Otable: 2015:08:29 Start Time: 13:51:19 End Date: 2015:08:29 The OH Bit: 2015:08:28 @ 12:01:18 Test To COMMENT: 01-0-1F- BOB 1min 100-1F- BOB			Cynosure Energy, LLC			18	155-19	N Ellis	KS	
John Texter: John Texter:<		STING, INC				De	chant #	1-18-15	i-19	
ATTN: Justin Carter Test Start: 2015.08.28 @ 13:51:18 GENERAL INFORMATION: Formation: LKC °C Deviated: Test Type: Conventional Bottom Hole (hillal) Time Tool Opened: 19:03:18 Test Type: Conventional Bottom Hole (hillal) Time Tool Opened: 19:03:18 Tester:: Branna Lonsdale Interval: 3280.00 ft (KB) To 3310.00 ft (KB) (TVD) 1982.00 ft (KB) Total Depth: 58.88 ping @ 3307.00 ft (KB) 2015.08.29 Reference Bevatons: 1994.00 ft (KB) Start Date: 2015.08.28 bing @ 3307.00 ft (KB) 2015.08.29 Last Callb.: 2015.08.28 @ 12:44:18 TEST COMMENT: 01-F- BOB tomins 030.00 ft (KB) 2015.08.29 Last Callb.: 2015.08.28 @ 22:44:18 TEST COMMENT: 01-F- BOB tomins 030SE No blow Time Off Bim: 2015.08.28 @ 22:44:18 TEST COMMENT: 01-F- BOB tomins 030SE No blow Time off Bim: 2015.08.28 @ 22:44:18 Test Type: Comment Time Time off Bim: 2015.08.28 @ 22:44:18 Time off Bim: Test Type: <td< td=""><td></td><td></td><td></td><td></td><td></td><td>Job</td><td>Ticket: 3</td><td>4546</td><td>DST</td><td>F#: 1</td></td<>						Job	Ticket: 3	4546	DST	F#: 1
Formation: LKC*C* Deviate: No Wihipstock: ft (KB) The Tool Openet: 1990:18 There Tool Openet: 1990:18 Test Type: Conventional Bottom Hole (Initial) Total Depth: 3310:00 ft (KB) To 3310:00 ft (KB) To 1990:00 ft (KB) Total Depth: 3310:00 ft (KB) To 3307:00 ft (KB) Reference Bevalons: 1990:00 ft (KB) Serial #: 68:89 psig 307:00 ft (KB) Capacity: 800:00 psig Start Date: 2015:08:28 End Date: 2015:08:29 Last Callb: 2015:08:28 (2:19:01:18 Start Date: 13:51:19 End Time: 01:40:18 Time Off Bim: 2015:08:28 (2:244:18 TEST COMMENT: 01:-IF: BOB formin 120:-FSI-No blow 06:-FF: BOB formin 120:-FSI-No blow 06:-FF: BOB formin 120:-FSI-No blow Time Off Bim: 2015:08:29 23:42 111 129:41 10:82 Open To Flow(1) 10:82 120:0 FF: BOB formin 10:22 10:33 36:62 10:82 Open To Flow(2) 111 129:24						Tes	st Start: 2	015.08.2	8 @ 13:51:1	8
Devide: No Whipstock: ft (KB) Test Trype: Conventional Bottom Hole (Initial) Time Tool Opened: 19:03:18 Test Trype: Conventional Bottom Hole (Initial) Time Tool Opened: 3280.00 ft (KB) To 3310.00 ft (KB) (TVD) Test Trype: Conventional Bottom Hole (Initial) Total Depth: 3310.00 ft (KB) TO 3310.00 ft (KB) (TVD) Test Trype: Conventional Bottom Hole (Initial) Serial #: 685 picit @ 7.88 inchesHole Condition: Fair KB to GRUCF: 12.00 ft Start Date: 2015.08.28 End Date: 2015.08.28 @ 122:04:18 2015.08.28 @ 122:04:18 TEST COMMENT: 010- F- BOB 10mins 030- Kb No blow 000- FF BOB 10mins 030- Kb No blow 030- Kb No blow 030- Kb No blow 000- FF BOB 10mins 036- KB No blow 11 29.41 109.70 108.86 100.14 109.70 108.80 Qear Fr Annotation 030- Kb No blow 000- FB No blow 000- FB No blow 11 29.41 109.70 108.86 100.14 109.70 108.86 100.14 109.70	GENERAL INFORM	MATION:								
Total Depth: 3310.00 ft (KB) (TVD) 1982.00 ft (KF) Hole Dameter: 7.88 inchesHole Condition: Fair KB to GRVCF: 12.00 ft Serial #: 6839 Outside 5307.00 ft (KB) Capacity:: 8000.00 psig Start Date: 2015.08.29 End Date: 2015.08.29 Usat Callb:: 2015.08.28 @ 19:01:18 Time: 13:51:19 End Time: 01:40:18 Time Off Btm: 2015.08.28 @ 19:01:18 TEST COMMENT: 010- F- BOB 10mins 030-05 SI- No blow 060- FF- BOB 10mins 020- FSI- No blow 060- FF- BOB 10mins 030- SSI- No blow 060- FF- BOB 10mins 120- FSI- No blow 11 29.41 108.62 108.68 Initial Hydro-static 120- FSI- No blow Time Pressure (resp) Time off Btm: 2015.08.28 @ 100.00 111.22 108.62 100.65 108.63 108.61 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62 108.62	Deviated: No Time Tool Opened: 19:0	Whipstock: 03:18	ft (KB)			Tes	ster:	Brannan		n Hole (Initial)
Press@RunDepth: 65.86 psig @ 3307.00 ft (KB) Capacity: 8000.00 psig Start Date: 2015.08.28 End Date: 2015.08.29 Last Calib.: 2015.08.29 Start Time: 13:51:19 End Time: 01:40:18 Time Off Btm: 2015.08.28 @ 19:01:18 TEST COMMENT: 010- IF- BOB 10mins 030- ISI- No blow 060- FF- BOB 1min 2015.08.28 @ 22:44:18 OTHER SUME SUMMARY Time Off Btm: 2015.08.28 @ 22:44:18 Tome Off Btm: 2015.08.28 @ 22:44:18 Tome Off Btm: 2015.08.28 @ 22:44:18 Time Off Btm: 2015.08.28 @ 22:44:18 Other Field Time: 108.07 108.05 108.05 109.70 End Shut-In(1) 108.07 Botto: 2		310.00 ft (KB) (TV	′D)			Ref			1982	.00 ft (CF)
Press@RunDepth: 65.86 psig @ 3307.00 ft (KB) Capacity: 8000.00 psig Start Date: 2015.08.28 End Date: 2015.08.29 Last Calib.: 2015.08.29 Start Time: 13:51:19 End Time: 01:40:18 Time Off Btm: 2015.08.28 @ 19:01:18 TEST COMMENT: 010- IF- BOB 10mins 030- ISI- No blow 060- FF- BOB 1min 2015.08.28 @ 22:44:18 OTHER SUME SUMMARY Time Off Btm: 2015.08.28 @ 22:44:18 Tome Off Btm: 2015.08.28 @ 22:44:18 Tome Off Btm: 2015.08.28 @ 22:44:18 Time Off Btm: 2015.08.28 @ 22:44:18 Other Field Time: 108.07 108.05 108.05 109.70 End Shut-In(1) 108.07 Botto: 2	Serial #· 6830									
030- ISF- No blow OBC FF- BOB 1min 120- FSF- No blow PRESSURE SUMMARY Time (No. J) PRESSURE SUMMARY Time (No. J) Pressure (Temp) Annotation Time (No. J) Pressure (Temp) Annotation Time (No. J) Pressure (Temp) Annotation 10 65.89 108.52 Open To Flow (1) 109.74 End Shut-In(1) 43 36.62 109.74 End Shut-In(2) 101 65.86 110.31 Shut-In(2) 101 65.86 110.31 Shut-In(2) 111.47 Final Hydro-static Pressure (Station Station Chole (inches) Pressure (staj) Gas Rate (Mctdd)	Press@RunDepth: Start Date: Start Time:	65.86 psig 2015.08.28	End Date:			Last Cali Time On	b.: Btm:		2015.08 28 @ 19:01	.29 :18
The source Sour	TEST COMMENT:	030- ISH No blow 060- FF- BOB 1n 120- FSH No blov	in /							
Image: Second system Market System Volume (bbl) 127.00 HOCM, 40%O 60%M 1.80 30.00 CO 0.43 0.00 722' GIP 0.00		Pressure vs. T			Time					
Image: Second control of the second				177				Anno	tation	
Image: Second process of the second									•	
42 995.35 109.74 End Shut-In(1) 43 36.62 109.53 Open To Flow (2) 101 65.86 110.31 Shut-In(2) 101 65.86 110.31 Shut-In(2) 111.32 End Shut-In(2) End Shut-In(2) 111.47 Final Hydro-static 111.47 Final Hydro-static </td <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>				-						
Image: Second	s = [• ,			109.74	End Sh	ut-In(1)	
Image: Second				- 1					• •	
Image: Second constraints Image:					1					
Image:				- p 3 - 75 - 79 - 65	223	1592.25				
Length (ft) Description Volume (bbl) 127.00 HOCM, 40%O 60%M 1.80 30.00 CO 0.43 0.00 722' GIP 0.00	37M 37M 26 Fri Aug 2015		FN 234							
127.00 HOCM, 40%O 60%M 1.80 30.00 CO 0.43 0.00 722' GIP 0.00		Recovery					Ga	s Rates	3	
30.00 CO 0.43 0.00 722' GIP 0.00				4			Choke (i	nches) Pr	essure (psig)	Gas Rate (Mcf/d)
0.00 722' GIP 0.00		40%O 60%M		-						
				-						
				+						
	0.00 Sample			1						
]						

Trilobite Testing, Inc

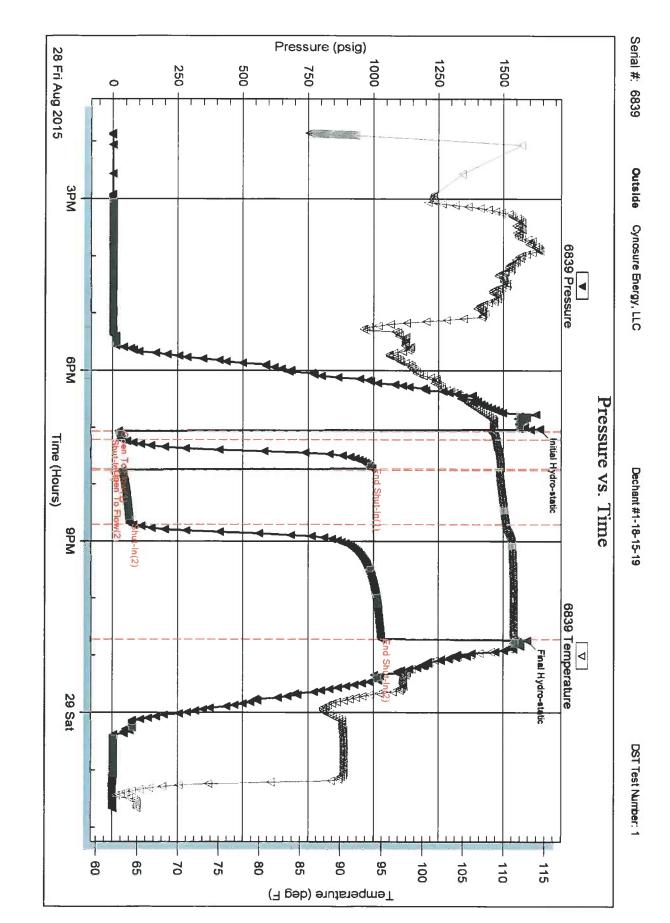
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	RILOBITE		LL STEM TEST REPOR	RT	FL	
(ALA)	ESTING , INC	Cynosi	ure Energy, LLC	18-15S- 1	9W Ellis, KS	
	ESTING, INC	1125 1 Suite 4		Dechan	t #1-18-15-19	
			r, CO 80202	Job Ticket	: 34546)ST#: 1
		ATTN:	Justin Carter	Test Start:	2015.08.28 @ 13:5	1:18
Mud and C	ushion Information					
	Gel Chem		Cushion Type:		Oil API:	34 deg API
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm
/iscosity: Vater Loss:	51.00 sec/qt 9.19 in³		Cushion Volume: Gas Cushion Type:	bbl		
Resistivity:	ohm.m		Gas Cushion Pressure:	psig		
Salinity:	3700.00 ppm			P3		
Filter Cake:	inches					
Recovery Ir	nformation					
	Leng	ith	Recovery Table Description	Volume	-	
	ft			bbł		
		127.00	НОСМ, 40%О 60%М	1.8		
		<u>30.00</u> 0.00	CO 722' GIP	0.4		
		0.00	Sampler: 2000mL O @ 550PSI	0.0		
	Total Length:		.00 ft Total Volume: 2.225 bt			
			Num Gas Bombs: 0	Seria	1 44 -	
	Num Fluid Sam Laboratory Nar		Laboratory Location:	Sena	1#:	
	Recovery Com					

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Ref. No: 34546





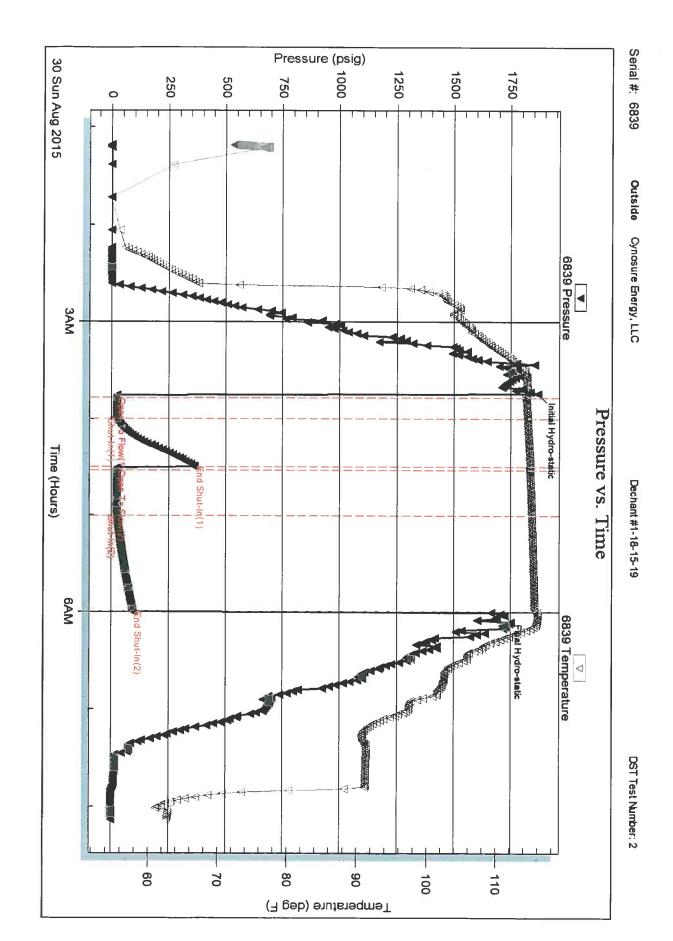
RILOBITE	DRILL STEM TES		ORT		
	Cynosure Energy, LLC		18-1	155-19	N Ellis, KS
ESTING , INC	1125 17th St.		Dec	:hant #	1-18-15-19
	Suite 410		Job 1	Ticket: 34	4547 DST#:2
	Denver, CO 80202 ATTN: Justin Carter		Test	Start: 20	015.08.30 @ 01:10:31
GENERAL INFORMATION:					
Formation: Raegan Sand					
Deviated: No Whipstock: Time Tool Opened: 03:46:31 Time Test Ended: 08:08:01	ft (KB)		Test Teste Unit I	er:	Conventional Bottom Hole (Reset) Brannan Lonsdale 62
Interval: 3590.00 ft (KB) To 360	6.00 ft (KB) (TVD)		Refe	rence B	evations: 1994.00 ft (KB)
Total Depth: 3606.00 ft (KB) (TVI					1982.00 ft (CF)
Hole Diameter: 7.88 inchesHole (Condition: Fair	_		KB ·	to GR/CF: 12.00 ft
Serial #: 6839 Outside			_		
Press@RunDepth: 23.73 psig @ Start Date: 2015.08.30	3603.00 ft (KB) End Date:	2015.08.30	Capacity: Last Calib		8000.00 psig 2015.08.30
Start Time: 01:10:32	End Time:	08:08:01	Time On E		2015.08.30 @ 03:44:01
			Time Off E	Btm:	2015.08.30 @ 06:02:01
60- FSI- No blow Pressure vs. Tim		Time	Pressure	Temp	RE SUMMARY Annotation
		(Min.) 0	(psig) 1868.91	(deg F) 114.59	
		3	22.37	114.35	
		16 46	22.55 365.19	114.56 114.95	
			22.30		Open To Flow (2)
		10	23.73		Shut-In(2)
		136 138	92.38 1723.80	115.59 116.04	
[3%] 393nAg2#5 Τουβαη)					
Recovery					s Rates
Length (ft) Description 15.00 CO	Volume (bbl) 0.21			Choke (inches) Pressure (psig) Gas Rate (Mcf/d)
0.00 Sampler: 2000mL O @ 55F					
* Recovery from multiple tests		1			

		DRI	LL STEM TEST REPOR	ΥT.	F	
	RILUDITE	Cynosu	ure Energy, LLC	18-15S-19	9W Ellis, KS	
RILOBITE		1125 1	7th St.	Dechant	#1-18-15-19	
		Suite 4	10 r, CO 80202	Job Ticket:	34547	DST#:2
			Justin Carter	Test Start:	2015.08.30 @ 01	:10:31
	shion Information					. <u>-</u>
			Cushion Type:		Oil API:	35 deg API
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	62.00 sec/qt		Cushion Volume:	bbl		
Water Loss:	10.39 in ³		Gas Cushion Type:			
Resistivity:	ohm.m		Gas Cushion Pressure:	psig		
Salinity:	5500.00 ppm					
Filter Cake:	inches					
Recovery In	formation		Recovery Table			
	Leng		Description	Volume	7	
	ft			bbl	-	
		15.00		0.21		
		0.00	Sampler: 2000mL O @ 55PSI	0.00	201	
	Total Length:	15	i.00 ft Total Volume: 0.213 bb	D		
	Num Fluid Samp		Num Gas Bombs: 0	Serial	#:	
	Laboratory Nan Recovery Com		Laboratory Location:			
	Recovery com	nems.				

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Ref. No: 34547

Trilobite Testing, Inc



RILOBITE	DRILL STEM TE	ST REP	ORT				
	Cynosure Energy, LLC	_	18-	15S-19V	V Ellis, K	S	
ESTING , INC	1125 17th St.		Der	chant #	1-18-15-19	9	
	Suite 410			Ticket: 34		DST#:3	2
	Denver, CO 80202 ATTN: Justin Carter						
-margi				i Stan. 20	015.08.30 @	20:46:21	
GENERAL INFORMATION:							
Formation: Pawnee & Raegan							
Deviated: No Whipstock: Time Tool Opened: 23:02:21	ft (KB)		Test Test			al Straddle (F	Reset)
Time Test Ended: 04:12:51			Unit		Brannan Lo 62	nsdale	
Interval: 3575.00 ft (KB) To 36	18.00 ft (KB) (TVD)			erence El	evations:	1994.00	ft (KB)
Total Depth: 3654.00 ft (KB) (TV						1982.00	
Hole Diameter: 7.88 inches Hole	Condition: Fair			KB	to GR/CF:	12.00	
Serial #: 6651 Inside							
Press@RunDepth: 1146.13 psig (@ 3577.00 ft (KB)		Capacity:	:		8000.00	psig
Start Date: 2015.08.30	End Date:	2015.08.31	Last Calib			2015.08.31	
Start Time: 20:46:22	End Time:	04:12:51	Time On E		2015.08.30	@ 23:00:21	
			Time Off	oun:			
TEST COMMENT: 10- IF- BOB 15se	cs						
30- ISH No blow							
30- FF- BOB 15s 60- FSH No blow	ecs						
Prezsure vz. 15 T				_	RE SUMM		
		Time (Min.)	Pressure (psig)	Temp (deg F)	Annotatio	n	
	K I.	0	1838.91		Initial Hydr	o-static	
		2	581.32	114.43		low (1)	
		10	778.87	118.23		-(4)	
		42	1179.28 834.45	117.00	End Shut-I Open To F		
		42 70	1146.13		Shut-In(2)	1011 (2)	
		133	1181.30		End Shut-I	n(2)	
		3					
GN 31 Man GN 31 Man SanAg285 Tim (tas)	314						
Length (ft) Description	Volume (bbl)			r	s Rates		
Length (ft) Description 2481.00 MW, 30% M 70% W	35.17			Choke (i	ncnes) Pressu	re (psig) Ga	s Rate (Mcf/d)
0.00 Sampler: 2000mL W @ 10							
	——— <u> </u>						
* Recovery from multiple tests							
	Ref. No: 34548					@ 07:03:40	

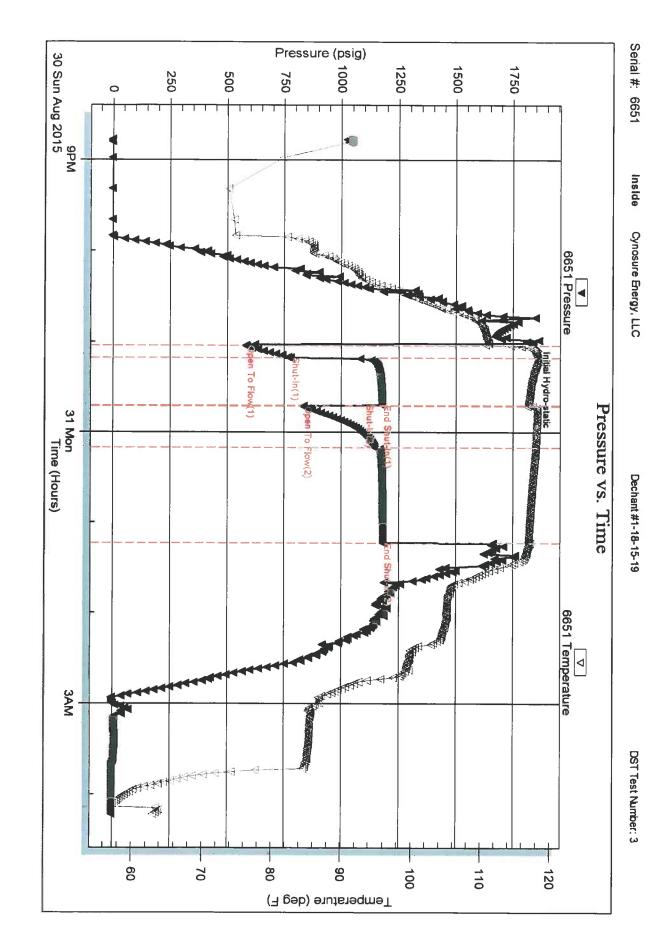
RILOBITE	DRILL STEM TE	ST REP	ORT				
	Cynosure Energy, LLC		18-	158-19	W Ellis, K	S	
ESTING , INC.	1125 17th St.		De	chant #	41-18-15-1	9	
	Suite 410			Ticket: 3		DST#:3	
	Denver, CO 80202 ATTN: Justin Carter		Test	t Start: 2	015.08.30 @	20:46:21	
GENERAL INFORMATION:							_
Formation: Pawnee & Raegan							
Deviated:NoWhipstock:Time Tool Opened:23:02:21Time Test Ended:04:12:51	ft (KB)		Test Test Unit	ter:	Convention Brannan Lo 62	al Straddle (Reset) onsdale)
Interval: 3575.00 ft (KB) To 36			Refe	erence E	levations:	1994.00 ft (Ki	
Total Depth: 3654.00 ft (KB) (TN Hole Diameter: 7.88 inchesHole	/D) e Condition: Fair			VP		1982.00 ft (Cl	F)
				NВ	to GR/CF:	12.00 ft	
Serial #: 8959 Below (Strad Press@RunDepth: psig			Concett			8000.00	
Start Date: 2015.08.30	End Date:	2015.08.31	Capacity: Last Calit			8000.00 psig 2015.08.31	
Start Time: 20:46:25	End Time:	04:12:54	Time On I				
			Time Off	Btm:			
TEST COMMENT: 10- IF- BOB 15st 30- ISH No blow 30- FF- BOB 15s 60- FSH No blow							
Pressure vs. T			PF	RESSU	RE SUMM	IARY	_
		Time (Min.)	Pressure (psig)	Temp	Annotati	on	
		(10111.)	(psig)	(deg F)			
-							
-		Ti me			-		
					1		
		3					
974 31 Man 1 Sa Ag 205 Tim (tas)	3964						
Recovery				Ga	s Rates		
Length (ft) Description	Volume (bbl)			Choke ((inches) Press	ure (psig) Gas Rate (Mcf/d)
2481.00 MW, 30%M 70%W	35.17						
0.00	00PSI 0.00	1					
0.00 Sampler: 2000mL W @ 1							
0.00 Sampler: 2000mL W @ 1							
0.00 Sampler: 2000mL W @ 1							
0.00 Sampler: 2000mL W @ 1							

		ITE	DRI	LL S ⁻	TEM TEST R	EPORT		I	FLUID SUMMAR
NH N	RILOBITE			ure Energ	y, LLC	18-155-19			
				7th St.			Dechant #	<i>‡</i> 1-18-15-19	
	-		Suite 4	10			Job Ticket: 3		DST#: 3
1230				r, CO 8020 Justin C					
			ATTN:	Justin C				2015.08.30 @ 20	
Mud and Cu	shion Info	ormation							
•••	el Chem				Cushion Type:			Oil API:	deg API
Aud Weight:	9.00 lt				Sushion Length:		ft	Water Salinity:	25000 ppm
/iscosity: Vater Loss:	61.00 s				Sushion Volume:		bbl		
Resistivity:	9.18 ir	hm.m			Bas Cushion Type: Bas Cushion Pressure:		neia		
Salinity:	4900.00 p				as cushion riessure.		psig		
Filter Cake:		nches							
Recovery In	formation	 I							
-				F	Recovery Table				
		Lengt	h		Description		Volume bbl]	
			481.00	MW 309	%M70%W		35.169	2	
			0.00		: 2000mL W @ 100PSI		0.000	-	
	Tot	al Length:	2481	•	Total Volume:			-	
		m Fluid Samp			Num Gas Bombs:	0	Serial #		
		poratory Nam			Laboratory Location				
		covery Com			,	-			
		,							

Printed: 2015.08.31 @ 07:03:41

Ref. No: 34548

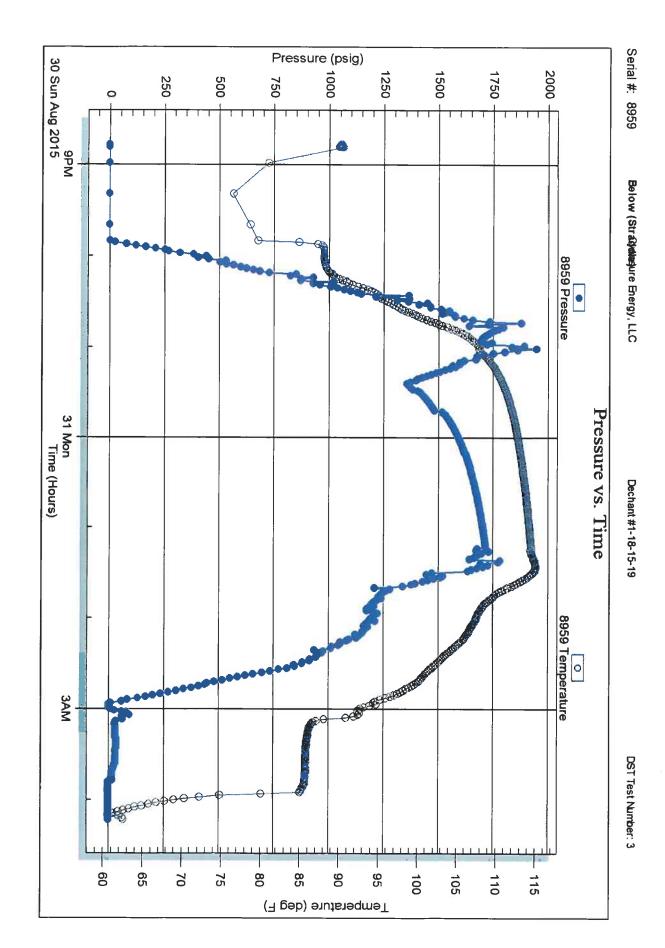
Trilobite Testing, Inc



Printed: 2015.08.31 @ 07:03:42

Ref. No: 34548

Trilobite Testing, Inc



SEP 02 2015



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net

Invoice

Contact: CYNOSURE ENERGY LLC Address/Job Location: CYNOSURE ENERGY LLC HI25 17TH Street Suite-410 Denvice CO BD13

Reference: DECHANT 1-18 SEC 18-15-19

Description of Work: LONG SURFACE JOB

Services / Items Included: Labor Common-Class A Calcium Chloride POZ Mix-Standard & 5/8" Basket Bulk Truck Mati-Material Service Charge Fio Seal & 5/8" Centralizer Premium Gel (Bentonite) & 5/8" Top Rubber Plug Baffle Plate Aluminum, & 5/8"	Quantity 375 17 95 2 496 117 3 9 1 1	*******	Price 606.13 5,163.09 784.81 551.56 524.19 411.39 194.08 159.25 121.53 87.92 74.65	Taxable No Yes Yes Yes No Yes Yes Yes Yes Yes	<i>Item</i> Pump Truck Mileage-Job to Nearest Camp Bulk Truck Mileage-Job to Nearest Bulk Plant	Quantity 16 16		Price \$72.99 \$46.45	Taxable No No
Invoice Terms:						SubTotal:	\$	8,798.02	
Net 30			Discou	unt Ava	ilable <u>ONLY</u> if Invoice is Paid 8 within listed terms		\$	(219.95)	
					SubTotal for Ta	axable Items:	\$	7,469.53	
					SubTotal for Non-Ta	xable Items:	\$	1,108.53	
						Total:	\$	8,578.07	
				7.00%	Ellis County Sales Tax	Tax:	\$	522.87	
Thank You For Your Business!					Am	ount Due:	\$	9,100.94	
						Payments:			
					Bal	ance Due:	\$	9,100.94	
Past Due Invoices are subject to a sen This does not include any applicable ta ©2008-2013 Straker Investments, LLC. All righ	ixes unless i			W AF Lir Na	ell Name: <u>Polition</u> E No.: <u>K5 Pur</u> ne No.: <u>820</u> nme: <u></u> nature: Zella		5-19 TO G	Cene Song 12/15	Ang

Date: 8/25/2015 Invoice # 1026

P.O.#:

Due Date: 9/24/2015 Division: Russell

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107 No. 1026 Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 Cell 785-324-1041 Sec. Twp. Range County State On Location Finish Date 8-25-15 14 4 5 6 OU PN Ellis Ň Location Anton Lease Dechan Well No. -Owner To Quality Oilwell Cementing, Inc. F is Contractor You are hereby requested to rent cementing equipment and furnish -farp cementer and helper to assist owner or contractor to do work as listed. Type Job Charge 1 FLY Hole Size 214 T.D. nSIANE LC To ergi 31 3 L1 L1 Csg. Depth Street Tbg. Size Depth-Citv State Tool Depth The above was done to satisfaction and supervision of owner agent or contractor. 39.32 80 30 Shoe Joint 39 32 Cement Left in Csa. Cement Amount Ordered 601 12 Meas Line Displace 16 bbi EQUIPMENT 32.5 Common Pumptrk 20 No. Cementer n Poz. Mix 95 CAFE Driver No. 9 Bulktrk 2 Driver Gel. Driver No. Bulktrk 1 Driver Calcium **JOB SERVICES & REMARKS** Hulls Remarks: Salt Rat Hole . Flowseal Mouse Hole Kol-Seal Centralizers Mud CLR 48 **Baskets** CFL-117 or CD110 CAF 38 D/V or Port Collar Sand Handling Circulario Mileage S/c 7() 111111 2 FLOAT EQUIPMENT Guide Shoe Centralizer COCY Baskets AFU Inserts ded Float Shoe Latch Down ement n: reule Raffle K. bhre Pumptrk Charge Mileage Tax Discount Prentie il f TUNIV Signature Total Charge

- Contract of the Second Secon



QUALITY OILWELL CEMENTING, INC. PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net

Invoice

Contact: CYNOSURE ENERGY LLC Address/Job Location: CYNOSURE ENERGY LLC 1125 17th Street, Suite 410 DENVER CO 80113

Reference: DECHANT 1 SEC 18-15-19

Description of Work: PROD STRING

Well Name: <u>*Decitant* 1-18-15-19</u> AFE No.: <u>KSRem 1008</u> Line No.: <u>83</u>c0, 210 el 9-9-15 Name: Signature:

Services / Items Included:	Quantity	Price	Taxable	h	tem	Quantity
Labor		\$ 644.02	No			-
Common-Class A	250	\$ 3,657.19	Yes			
5 1/2" Turbolizer	8	\$ 408.90	Yes			
Mud Clear	500	\$ 326.06	Yes			
Auto Fill Float Shoe, 5 1/2"	1	\$ 269.66	Yes			
Salt (Fine)	20	\$ 246.05	Yes			
5 1/2" Basket	1	\$ 227.36	Yes			
Bulk Truck Matl-Material Service Charge	270	\$ 237.94	No			
Latch Down Plug & Baffle, 5 1/2"	1	\$ 197.40	Yes			
Pump Truck Mileage-Job to Nearest Camp	16	\$ 77.55	No			
Bulk Truck Mileage-Job to Nearest Bulk Plant	16	\$ 49.35	No			
Invoice Terms:						SubTotal:
Net 30		Discol	unt Ava	ilable ONLY i	f Invoice is Paid &	Received
					within listed terms	
		 -			SubTotal for Ta	xable Items:
		 			SubTotal for Non-Ta	xable Items: 3
						Total:
			7.00% l	Ellis County Sales T	ax	Tax:
Thank You For Your Business!					Am	ount Due:
					Applied F	Payments:

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

Date: 8/31/2015 Invoice # 1615

P.O.#:

Due Date: 9/30/2015 Division: Russell

Price

6,341.48

(158.54)

5,199.30

6,182.94

6,546.89

363.95 6,546.89

983.63

\$

\$

S

\$

\$

\$

Balance Due: \$

Taxable

QUALITY OILWELL CEMENTING, INC. Federal Tax 1.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

Phone 785-483-2025

0-11 705 004 4044

Þ.

No. 1615

Date 8-31-15 18	Twp. Range	EII	County	KS ^{State}	On Location	Finish 5:40 P.M
Lease Dechar	Well No.	Locati	Owner to	Ria	-	35,10
Contractor Duke #1 Type Job Production			You are here	ilwell Cementing, Indeby requested to rent d helper to assist ow	2. I cementing equipment Iner or contractor to do	and furnish
Hole Size 77/8" Csg. New 5/2" 15,50	T.D. 3650'	33.	Charge To	ynosure		\
Tbg. Size	Depth 3657. Depth	221	Street City		State	
Tool	Depth	0.1		s done to satisfaction a	and supervision of owner	agent or contractor.
Cement Left in Csg. 42.95'		75'	· · · · · · · · · · · · · · · · · · ·	ount Ordered 250		Salt
Meas Line EQUIPM		BUS	500 Common	al mud	Clear 48	
Pumptrk 18 No. Cementer Tr	auis		Poz. Mix		-	
Bulktrk IS No. Driver Do Mo	£	<u> </u>	Gel.			· · · · · · · · · · · · · · · · · · ·
Bulkters D. W. Driver MIC JOB SERVICES	& REMARKS		Calcium			
Remarks:			Hulls Salt 20	<u>.</u>		
Rat Hole 305)	·		Flowseal			
Mouse Hole ISSX			Kol-Seal		0	
Centralizers 1 3 4,5,6	7,8,10,		Mud CLR 48		/	
Baskets D/V or Port Collar Dine on	hilling have	. K		CD110 CAF 38		
Circulation Dump	Soo gal Mu	A	Sand Handling	20		
48, plug Pathole	W138sx ph	nor	Mileage			
5/2" Casing (S SX Center	10000000000000000000000000000000000000	Guide Shoe	FLOAT EQUIPM	ENT	
Shint down wa		ines	SCR05524	8		
Released plug 4		186	Baskets			
Bis, Released	Theld,		AFU Inserts		g and the	
Liff pre:	ssare 800:	#	Float Shoe			
Land ph	or to 1500	#	N MARK I	<u>, u</u> 195 mars, .		
J	0		Pumptrk Cha	rge prod S	tring	
·			Mileage	6		
97					Tax Discount	
Signature Downyh	1 Pusho				Total Charge	
	to care any	J				