Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1129418

Form ACO-1 August 2013 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 Dorth / South Line of Section
City: State: 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:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd. CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Duilling Fluid Management Dian
Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
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
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

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

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 Taken (Attach Additional She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	jical Survey	Yes No	Name	Э		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne Ne conductor, surface, inte		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
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Dumana	Dopth						

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

No

No

(If No, skip questions 2 and 3)

(If No, skip question 3)

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

Vas the hydraulic fracturing treatment information submitted to the chemical disclosure registry?								No (If N	lo, fill out Page Three of the AC	CO-1)
Shots Per Foot		PERFORATION Specify Fo	I RECOR	RD - Bridge P Each Interval	Plugs Set/Typ Perforated	e	Acio		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner Run:	Yes	No	
Date of First, Resumed	Product	ion, SWD or ENH	۶.	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	1 🗌 I	Jsed on Lease		Open Hole	Perf.	OF COMPLE	Comp.	Commingled (Submit ACO-4)	PRODUCTION INTE	KVAL:
(Il Venteu, Su	onni AUU	10.)		Other (Specify))					

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Cholla Production, LLC
Well Name	Patterson 1-8
Doc ID	1129418

All Electric Logs Run

MICRO
Sonic Cement Bond
Dual Induction
Dual Comp Porosity

	ONSOLID	SA, LLC				TICKET NUMB	akley	9177 KS 9001
	nanute, KS 667 or 800-467-8676	20	ELD TICKE	CEMEN	TMENT REP	PORT		XX
DATE	CUSTOMER #	WE	LL NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-27-12	2592	Patte	rson 1	-8	8	115	えみじ	See 17
USTOMER	alla D			Wakeene	TRUCK #	DRIVER	TRUCK #	DRIVER
	SS P	roduc-	tion	Ntord	399		TRUCK#	DRIVER
				HE EAST		Time?		
TY	_	STATE	ZIP CODE	NtoRd		Travbu		
				CEN				
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I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

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DATE	CUSTOMER #	WE	LL NAME & NUM	and the second se	SECTION	TOWNSHIP	RANGE	COUNTY		
12-4-12	7590	Potte	reno la	5	8	115	2200	Tread		
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	holla Pr	601		eyde	TRUCK #	DRIVER	TRUCK # ·	DRIVER		
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TY		STATE	ZIP CODE	E to Rob	546	1190,56	1			
		SIAIL	En OODE	NEROR		Sardent				
			77/14	-EQNink		CASING SIZE &	WEIGHT 5U	15 KT		
B TYPE 2~	et	HOLE SIZE	118	HOLE DEPTI	N.1054	E E	OTHER DV	210,0-		
SING DEPTH_		DRILL PIPE		WATER gal/s		CEMENT LEFT I		(shoe)		
URRY WEIGHT		SLURRY VOL	State of the second	MIX PSI	5n	RATE	TOMOIND	Cinde.		
MARKS:	N	The second se	ng par	- Million constant	equip	d-5	Hurbo 1 3	570		
	Beske					an GLIDI	Staba	Hom		
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ift of	500 # Piu	gland	ed Diza	with, Dec	pped D	V Bamb, a	pened +	01+		
ifculs	500 # Plu	gland	ed Diza	Dil, Dec	pped D BH, mix	V Banb, C	pened +	0 + Poz 83		
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I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

255077



KN1506 # K1600 9330

Invoice # 434

December 31, 2012

Cholla Productions, LLC 7851 S. Elati St., Ste. 201 Littleton, CO 80120

Re: Patterson 1-8 8-11S-22W

1 lateral jetted 500' W @ 3788' w/ 500 gallons acid 1 lateral jetted 500' SW @ 3793' w/ 500 gallons acid 1 lateral jetted 500' NW @ 3793' w/ 500 gallons acid

Lateral Bid Price

Please remit payment within 30 days. Thank you.

RILOBITE	DRILL STEM TES	T REP	ORT				
	Cholla Production LLC		8-11	s-22w 1	Trego K	S	
ESTING , INC.	7851 S. Elatin ST STE 201 Litlton CO, 80120			terson 1			
				Ficket: 51		DST#	1
	ATTN: Bill Guff		lest	Start: 20)12.12.01 (@ 06:38:00	
GENERAL INFORMATION:							
Formation:TopekaDeviated:NoWhipstock:Time Tool Opened:08:08:40Time Test Ended:12:03:20	ft (KB)		Test Teste Unit N	er: (Convention Cody Bloec 39	al Bottom H Iorn	łole (Initial)
Interval:3298.00 ft (KB) To33Total Depth:3330.00 ft (KB) (TVHole Diameter:7.88 inches Hole	(D)		Refe	rence Ele KB te	evations: o GR/CF:	2198.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8844OutsidePress@RunDepth:20.78 psigStart Date:2012.12.01Start Time:06:38:05TEST COMMENT:10 - IF- Surface I10 - IF- Surface I	End Date: End Time:	2012.12.01 12:03:20	Capacity: Last Calib Time On B Time Off E	.: Btm: 2		8000.0 2012.12.0 @ 08:08:3 @ 10:24:1	5
45 - ISI- No blow 20 - FF- No blow 60 - FSI- No blow Pressure vs. To 8041 Pressure	back				RESUM		
Control of the second s	Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Temperature Tempe	Time (Min.) 0 11 57 57 76 136 136	Pressure (psig) 1590.81 10.89 14.27 843.52 16.77 20.78 817.72 1505.95		Open To Shut-In(1) End Shut- Open To Shut-In(2)	ro-static Flow (1)) -In(1) Flow (2)) -In(2)	
Recovery				Ga	s Rates		
Length (ft) Description	Volume (bbl)			Choke (ii		sure (psig)	Gas Rate (MMcf/d)
10.00 Mud, With Oil spots, 1009	6M 0.05					_	
	Ref. No: 51560					1 @ 12:37:	

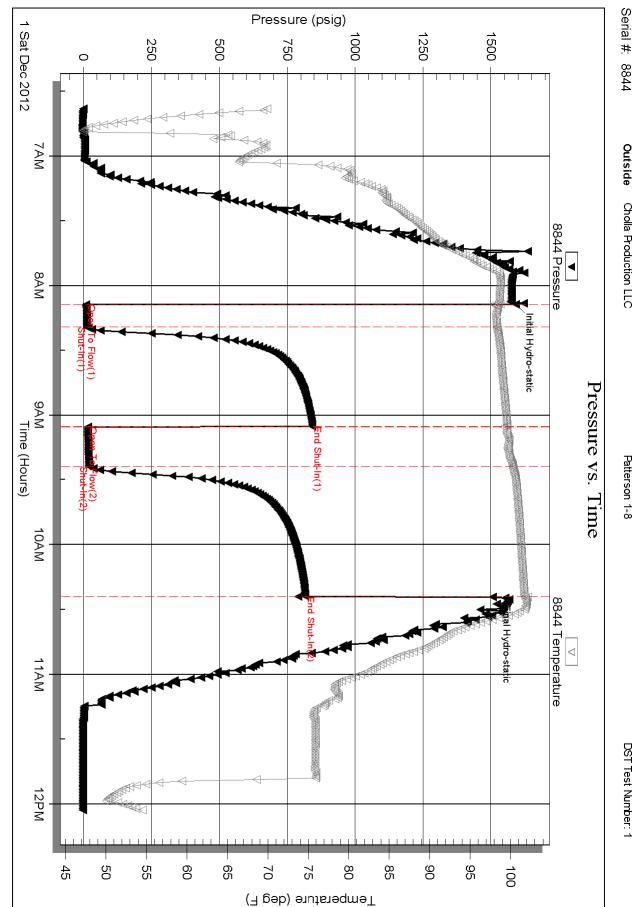
	DRILL STEM TES	TREP	ORT			
RILOBITE	Cholla Production LLC		8-11s-22v	v Trego K	S	
ESTING , INC.	7851 S. Elatin ST STE 201		Patterso	n 1-8		
	Litlton CO, 80120		Job Ticket:	51560	DST	#: 1
	ATTN: Bill Guff		Test Start:	2012.12.01	@ 06:38:00)
GENERAL INFORMATION:						
Formation:TopekaDeviated:NoWhipstock:Time Tool Opened:08:08:40Time Test Ended:12:03:20	ft (KB)		Test Type: Tester: Unit No:	Conventior Cody Bloed 39		Hole (Initial)
Interval: 3298.00 ft (KB) To 33 Total Depth: 3330.00 ft (KB) (T\ Hole Diameter: 7.88 inches Hole	/D)		Reference	Elevations: B to GR/CF:	2198.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8372InsidePress@RunDepth:psigStart Date:2012.12.01Start Time:06:38:05		2012.12.01 12:03:50	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000. 2012.12.0	00 psig 01
TEST COMMENT: 10 - IF- Surface 45 - ISI- No blow 20 - FF- No blow 60 - FSI- No blow	back					
Pressure vs. T	ime and 8372 Temperature			JRE SUM		
1 Sat Des 2012	SZZ Temperature 000 000 000 000 000 000 000 0	Time (Min.)	Pressure Temp (psig) (deg f		tion	
Recovery				Gas Rates		
Length (ft) Description	Volume (bbl)		Chok	e (inches) Pres	sure (psig)	Gas Rate (MMcf/d)
10.00 Mud, With Oil spots, 1009	%M 0.05					
	 					

10x-	RILOBITE	DRI	ILL STEM TEST RI	EPORT	-		FLUID S	UMMARY	
		Cholla I	Cholla Production LLC			8-11s-22w Trego KS			
	ESTING , INC.	7851 S. Elatin ST STE 201 Litlton CO, 80120			Patterson 1-8 Job Ticket: 51560			DST#:1	
		ATTN:	N: Bill Guff			012.12.01 @ 0			
Mud and Cu	Ishion Information								
Mud Type: Ge Mud Weight: Viscosity: Water Loss: Resistivity: Salinity: Filter Cake:	el Chem 9.00 lb/gal 58.00 sec/qt 7.20 in ³ ohm.m 2500.00 ppm inches		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:			Oil API: Water Salinity:		deg API ppm	
Recovery In	formation								
			Recovery Table) (a human	7			
	Lengt ft		Description		Volume bbl				
	Total Length:	10.00	Mud, With Oil spots, 100%M 0.00 ft Total Volume:	0.049 bbl	0.049)			
	Laboratory Nam Recovery Com		Laboratory Location: ampler:						



Ref. No: 51560

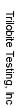
Trilobite Testing, Inc

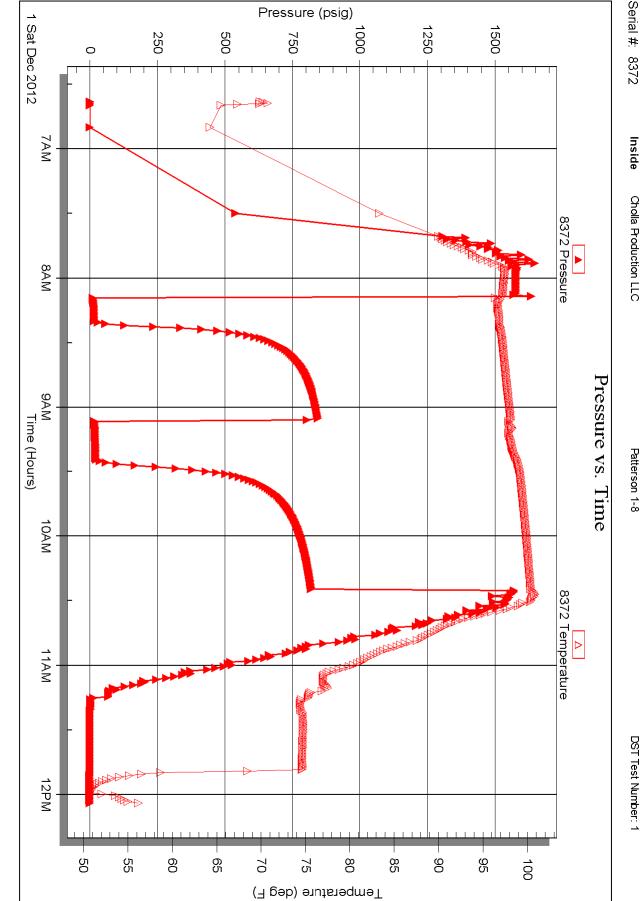


DST Test Number: 1

Printed: 2012.12.01 @ 12:37:17

Ref. No: 51560





Patterson 1-8

DST Test Number: 1

Serial #: 8372 Inside

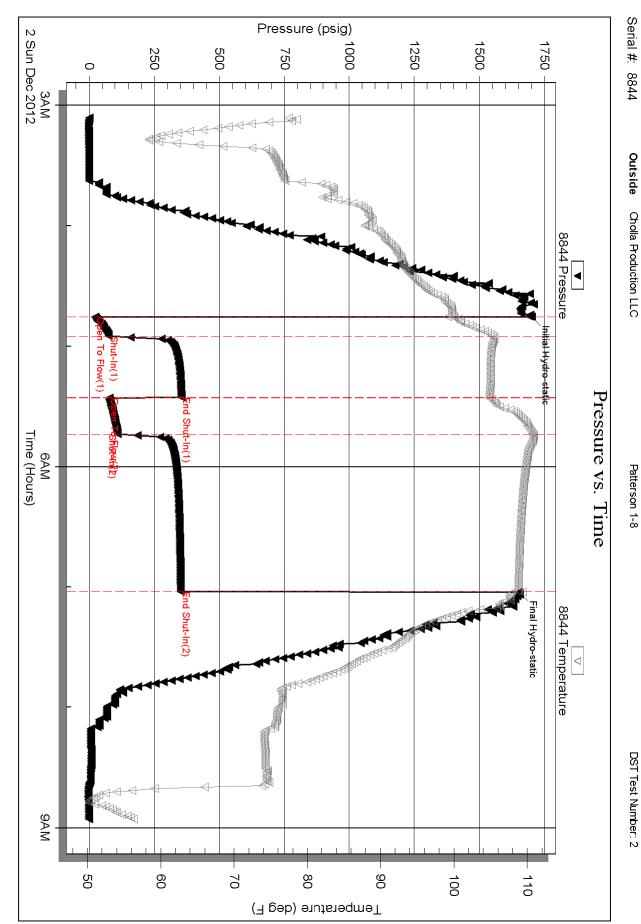
RILOBITE	DRILL STEM TES	T REP	ORT		
	Cholla Production LLC		8-11s-2	22w Trego K	6
ESTING , INC.	7851 S. Elatin ST STE 201		Patter	son 1-8	
	Litlton CO, 80120		Job Tick	et: 51561	DST#:2
	ATTN: Bill Guff		Test Sta	rt: 2012.12.02 (03:06:00
GENERAL INFORMATION:					
Formation:Lansing "C"Deviated:NoWhipstock:Time Tool Opened:04:45:15Time Test Ended:08:55:35	ft (KB)		Test Typ Tester: Unit No:	be: Convention Cody Bloed 39	al Bottom Hole (Reset) orn
Interval:3475.00 ft (KB) To35Total Depth:3500.00 ft (KB) (TVHole Diameter:7.88 inches Hole	/D)		Referen	ce Elevations: KB to GR/CF:	2203.00 ft (KB) 2198.00 ft (CF) 5.00 ft
Serial #: 8844 Outside					
Press@RunDepth: 109.70 psig			Capacity:		8000.00 psig
Start Date: 2012.12.02 Start Time: 03:06:05	End Date: End Time:	2012.12.02 08:55:39	Last Calib.: Time On Btm:	2012.12.02	2012.12.02 @ 04:45:10
			Time Off Btm	: 2012.12.02	@ 07:02:30
30 - ISI- No blow 20 - FF- B.O.B. ir 60 - FSI- No blow Pressure vs. T	n 5 Minutes back		PRES		14RY
8844 Pressure		Time		emp Annotat	
1750 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950 1950	Plat Hdovster: 110 100 000 000 000 000 000 00	(Min.) 0 1 10 41 41 59 138 138	(psig) (de 1699.90 5 22.75 5 75.39 10 354.03 10 77.68 10 109.70 11 351.31 10	Pip Annotation Pip Pinitial Hyd Pinitial Hyd Pinitial Hyd Pinitial H	ro-static Flow (1) In(1) Flow (2) In(2)
Recovery				Gas Rates	
Length (ft) Description	Volume (bbl)			Choke (inches) Press	ure (psig) Gas Rate (MMcf/d)
186.00 WM, 40%W, 60%M 10.00 Mud, 100%M	0.14				
10.00 Mud, 100%M	0.14				
* Recovery from multiple tests		1			

		DRI	LL STEM TEST	REPORT	Г		FLUID SU	JMMARY
RILOBITE		Cholla I	Production LLC		8-11s-22w			
	ESTING , INC.		5. Elatin ST STE 201 CO, 80120		Patterson		D07# 0	
			Bill Guff		Job Ticket: 5	01561 012.12.02 @ 0	DST#:2	
. u) adl c.		ATTN.				.012.12.02 @ 0	3.00.00	
	ushion Information							
	el Chem		Cushion Type:		<i>c.</i>			deg API
Mud Weight:	9.00 lb/gal		Cushion Length: Cushion Volume:		ft bbl	Water Salinity:		ppm
Viscosity: Water Loss:	58.00 sec/qt 7.19 in³		Gas Cushion Type:		וממ			
Resistivity:	ohm.m		Gas Cushion Pressu	ıre:	psig			
Salinity:	2500.00 ppm				1-5			
Filter Cake:	inches							
Recovery In	nformation							
			Recovery Table			_		
	Lengi ft	th	Description		Volume bbl			
		186.00	WM, 40%W, 60%M		1.480	-		
		10.00	Mud, 100%M		0.140	2		
	Total Length:	196	5.00 ft Total Volume:	1.620 bbl				
	Num Fluid Samp Laboratory Nan Recovery Comr	ne:	Num Gas Bombs Laboratory Loca		Serial #	:		
l								

Printed: 2012.12.02 @ 22:48:47

Ref. No: 51561

Trilobite Testing, Inc



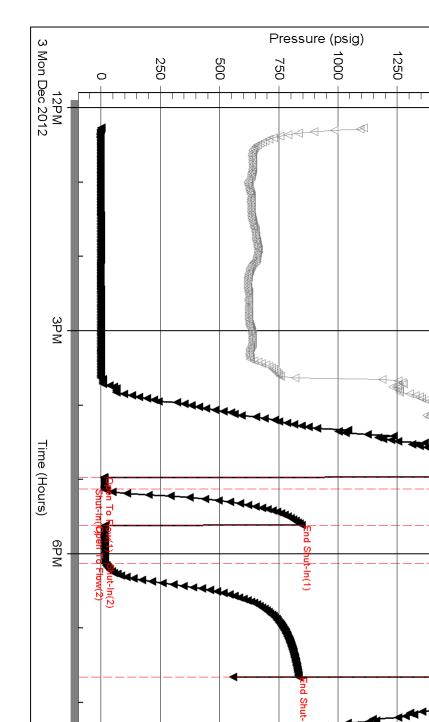
RILOBITE	DRILL STEM TES	SI REP	UK I	
TEOTING	Cholla Production LLC		8-11s-22v	v Trego KS
ESTING , IN	70510. Liaun 01 01L 201		Patterso	n 1-8
	Litlton CO, 80120		Job Ticket:	51562 DST#: 3
	ATTN: Bill Goff		Test Start:	2012.12.03 @ 12:16:00
GENERAL INFORMATION:	•			
Formation: Marmaton Deviated: No Whipstock: Time Tool Opened: 16:57:54 Time Test Ended: 21:42:04	ft (KB)		Test Type: Tester: Unit No:	Conventional Bottom Hole (Reset) Cody Bloedorn 39
Interval:3778.00 ft (KB) ToTotal Depth:3815.00 ft (KB) (Hole Diameter:7.88 inches H			Reference	Elevations: 2203.00 ft (KB) 2198.00 ft (CF) B to GR/CF: 5.00 ft
Serial #: 8844 Outside Press@RunDepth: 17.88 psig Start Date: 2012.12.03 Start Time: 12:16:05	End Date:	2012.12.03 21:42:05	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.00 psig 2012.12.03 2012.12.03 @ 16:57:50 2012.12.03 @ 19:39:30
TEST COMMENT: 10 - IF- 1/4" bk 30 - ISI- No bk 30 - FF- No bk 90 - FSI- No bk	w back w ow back			
Pressure v:	:. Time छाथ्य 8844 Temperature			JRE SUMMARY
1790 1000 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000		Time (Min.) 0 1 10 40 40 71 162 162		 F) Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)
Recover	1		i i i	Bas Rates
Length (ft) Description	Volume (bbl)		Chok	e (inches) Pressure (psig) Gas Rate (MMcf/d)
2.00 HOCM, 40%O, 60%M 10.00 Mud, with oil spots, 10	0.01 0%M 0.05			
* Recovery from multiple tests				

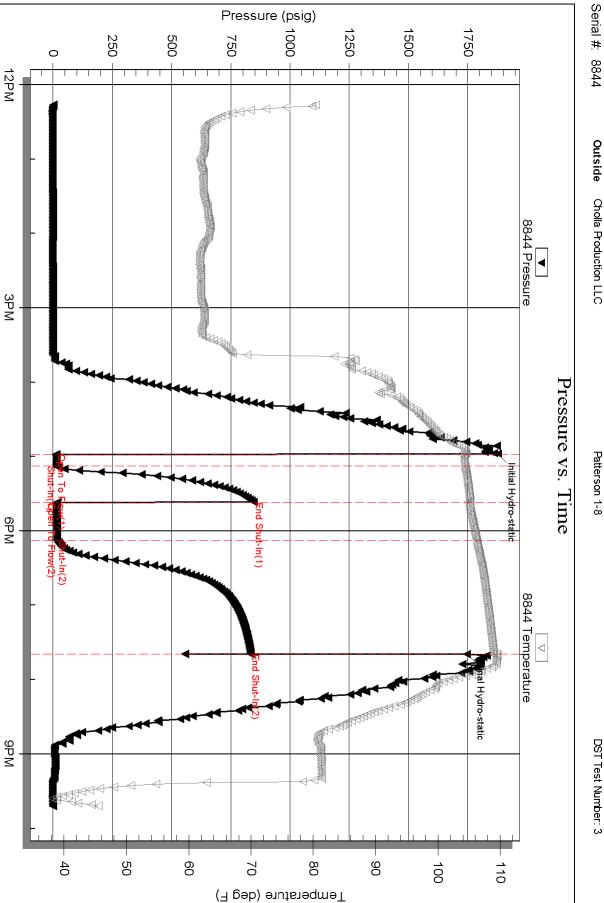
an-		DRI	ILL STEM TEST	REPORT	Γ		FLUID SI	JMMARY
RILOBITE		Cholla I	Production LLC		8-11s-22w			
	ESTING , INC		S. Elatin ST STE 201 CO, 80120		Patterson		DST#:3	
		ATTN:	Bill Goff			2012.12.03 @ 1		
Mud and Cu	shion Information							
	el Chem		Cushion Type:			Oil A PI:		deg API
Mud Weight:	9.00 lb/gal		Cushion Length:		ft	Water Salinity:		ppm
Viscosity:	48.00 sec/qt		Cushion Volume:		bbl	·		
Water Loss:	7.99 in ³		Gas Cushion Type:					
Resistivity:	ohm.m		Gas Cushion Pressur	e:	psig			
Salinity: Filter Cake:	2600.00 ppm inches							
Recovery In	formation							
			Recovery Table					
	Leng ft	th	Description		Volume bbl			
		2.00	HOCM, 40%O, 60%M		0.010	+		
		10.00	Mud, with oil spots, 100%M		0.049	<u>9</u>		
	Total Length:	12	2.00 ft Total Volume:	0.059 bbl				
	Num Fluid Samp Laboratory Nan Recovery Comr	ne:	Num Gas Bombs: Laboratory Locati	0 on:	Serial #	:		

Printed: 2012.12.04 @ 06:59:06

Ref. No: 51562

Trilobite Testing, Inc





Patterson 1-8

DST Test Number: 3

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/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

March 28, 2013

Emily Hundley-Goff Cholla Production, LLC 10390 BRADFORD RD. SUITE 201 LITTLETON, CO 80127

Re: ACO1 API 15-195-22832-00-00 Patterson 1-8 SE/4 Sec.08-11S-22W Trego 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, Emily Hundley-Goff