

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1137582

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 Feast / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	Lease Name: Well #:
Wellsite Geologist:	
Ũ	
Purchaser:	
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: Fee
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.):	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 ENHR Conv. to SW	Chioride content:ppm Fluid volume: bbis
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled     Permit #:	
Dual Completion Permit #:	Operator Name:
☐ SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East Wes
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

	Side Two	1137582
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	)	☐ Log Name	Formatior	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	)	Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes No Yes No Yes No	>					
List All E. Logs Run:								
		CAS	ING RECORD	New	Used			
		Report all strings	set-conductor, surfa	ace, interm	nediate, productio	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / F		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 Specify Fo		RD - Bridge F Each Interval		e	,		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed Pr	oduct	on, SWD or ENH	<b>ર</b> .	Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITION	OF	BAS:			METHOD (	OF COMPLE	TION:		PRODUCTION INTE	RVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Subm	it ACC	-18.)		Other (Specify	)					

Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	SCHWEIN 4
Doc ID	1137582

Tops

Name	Тор	Datum
ANHYRDITE	822	990
BASE	857	955
ТОРЕКА	2706	-894
HEEBNER SHALE	2931	-1119
TORONTO	2949	-1137
LKC	2993	-1181
ВКС	3226	-1414
ARBUCKLE	3232	-1420

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

No.

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

Phone 785-483-2025 Cell 785-324-1041

Cell 785-324-1041		acid, or unortained unoter the redulinaritients of this gov/mich. g
2 - 5 12 Sec.	Twp. Range	County State On Location
Date 2 9-13 30	19 19 Ku	SSELL DS 1015 FILL
- HINDOM AND TOTAL MODULE	Locatio	on Ralta Rolt 4 Corners Rd, Vat
Lease Schwein	Well No. 4	Owner SII to to
Contractor Southwind	the #4 harden and and and	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish
Type Job Surface	The second se	cementer and helper to assist owner or contractor to do work as listed.
Hole Size 1214	T.D. 511	Charge To Son Oll
Csg. 85/8"	Depth 511	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. 40	Shoe Joint 46'	Cement Amount Ordered 200 SX Common 3/6/6
Meas Line	Displace 30 BLS	2% Gelenner sere me version and have a partie
EQUIPM	IENT	Common 250
Pumptrk 16 No. Cementer Helper	auis	Poz. Mix
Bulktrk / No. Driver	1/4	Gel. 5
Bulktrk OUNO. Driver	CHARLEN AL CONTRACT ON THE	Calcium /D
JOB SERVICES	& REMARKS	Hulls say demonstrates an used fines pageting and low long song mentio
Remarks: Cement dic	de la Createte	Salt
Rat Hole	Re complete a celle activitation enter	Flowseal and the second s
Mouse Hole		Kol-Seal
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Signature		A CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT

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QUALIT		ELL CEMENTING, INC.
e 785-483-2025 785-324-1041	Home Office	P.O. Box 32 Russell, KS 67665
sec.	Twp. Range	County State On Location Finish
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ase Shuzein	Well No. 4	Owner To Quality Oilwell Cementing, Inc.
pe Job Deduction Sto	Ann the prince leader during the second s	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
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maint this Service Contract. of	Depth 3297	Street Street probagont to notice intel vies of 23ER Yel43071A
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# DRILL STEM TEST REPORT

Prepared For: Jas

Jason Oil Co LLC

PO Box 701 Russell KS 67665-0701

ATTN: Jeff Lawler

## Schwein #4

## 30-14s-14w Russell,KS

 Start Date:
 2013.03.09 @ 03:55:00

 End Date:
 2013.03.09 @ 10:45:00

 Job Ticket #:
 52057
 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

RILOBITE	DRILL STEM TE	ST REP	ORT			
	Jason Oil Co LLC		30-1	4s-14w	Russell,	۲S
ESTING , IN	C PO Box 701 Russell KS 67665-0701			wein #4		DST#:1
	ATTN: Jeff Law ler				13.03.09 @	
GENERAL INFORMATION:	-					
Formation:ArbuckleDeviated:NoWhipstockTime Tool Opened:06:00:40Time Test Ended:10:45:00	ft (KB)		Test Teste Unit I	er: J	Conventiona lim Svaty 1	l Bottom Hole (Initial)
Total Depth: 3243.00 ft (KB) (	<b>3243.00 ft (KB) (TVD)</b> TVD) ole Condition: Fair		Refe	rence Ele <sup>.</sup> KB to	vations: o GR/CF:	1812.00 ft (KB) 1805.00 ft (CF) 7.00 ft
	End Date: End Time:	2013.03.09 10:45:00	Capacity: Last Calib Time On E Time Off E	.: 8tm: 2	2013.03.09 ( 2013.03.09 (	
30-1 3IF- DOD	11 2 min. 30 sec.					
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Pressure v TOTO Pressure 100 100 100 100 100 100 100 10	572 Temperature 072 Temperature 0 0 0 0 0 0 0 0 0 0 0 0 0	(Min.)	Pressure (psig) 1633.65 85.22 304.83 1092.78 363.94 520.63 733.26 1527.64	Temp (deg F) 90.02 89.62 101.86 101.63 101.46 103.45 104.60	Annotation Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl	on o-static low (1) n(1) low (2) n(2)
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RILOBITE	DRILL STEM TE	ST REP	ORT			
	Jason Oil Co LLC		30-14s-14	w Russell	,KS	
ESTING , INC.	PO Box 701		Schwein	#4		
	Russell KS 67665-0701		Job Ticket:	52057	DST#:	I
NG SAN	ATTN: Jeff Law ler		Test Start:	2013.03.09	@ 03:55:00	
GENERAL INFORMATION:						
Formation:ArbuckleDeviated:NoWhipstock:Time Tool Opened:06:00:40Time Test Ended:10:45:00	ft (KB)		Test Type: Tester: Unit No:	Conventior Jim Svaty 41	nal Bottom Ho	le (Initial)
Interval:3196.00 ft (KB) To32Total Depth:3243.00 ft (KB) (THole Diameter:7.88 inches Hole			Reference KI	Elevations: B to GR/CF:	1812.00 1805.00 7.00	ft (CF)
Serial #: 8322 Outside						
Serial #. 0322Serial #.Press@RunDepth:psigStart Date:2013.03.09Start Time:03:55:01	<ul> <li>3207.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2013.03.09 10:45:00	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 2013.03.09	psig
TEST COMMENT: 15-IFP- BOB in 1						
30-ISIP- Weak S 15-FFP- BOB in 30-FSIP- BOB in	urface Blow 1 min. 40 sec. 2 min. 30 sec.		DDESSI			
30-ISIP- Weak S 15-FFP- BOB in	urface Blow 1 min. 40 sec. 2 min. 30 sec.		Pressure Temp			
30-ISIP- Weak S 15-FFP- BOB in 30-FSIP- BOB in Pressure vs. 7	urface Blow 1 min. 40 sec. 2 min. 30 sec. Fime	(Min.)		Annotat		
30-ISIP- Weak S 15-FFP- BOB in 30-FSIP- BOB in The sure vs. The sure v	urface Blow 1 min. 40 sec. 2 min. 30 sec. Time	( <b>Min.</b> )	Pressure Temp (psig) (deg F	Annotat		
30-ISIP- Weak S 15-FFP- BOB in 30-FSIP- BOB in The sure vs. The sure v	urface Blow 1 min. 40 sec. 2 min. 30 sec. Time	( <b>Min.</b> )	Pressure Temp (psig) (deg F	Annotat	tion	as Rate (Mcf/d)
30-ISIP- Weak S 15-FFP- BOB in 30-FSIP- BOB in The sure vs. The sure v	urface Blow 1 min. 40 sec. 2 min. 30 sec. Time Contract of the sec Contract of the sec	( <b>Min.</b> )	Pressure Temp (psig) (deg F	Annotat	tion	as Rate (Mcf/d)
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30-ISIP- Weak S 15-FFP- BOB in 30-FSIP- BOB in Pressure vs. 7 Compared of the sure of the	urface Blow 1 min. 40 sec. 2 min. 30 sec. Time	( <b>Min.</b> )	Pressure Temp (psig) (deg F	Annotat	tion	as Rate (Mcf/d)
30-ISIP- Weak S 15-FFP- BOB in 30-FSIP- BOB in The sure vs. The sure v	urface Blow 1 min. 40 sec. 2 min. 30 sec. Time	( <b>Min.</b> )	Pressure Temp (psig) (deg F	Annotat	tion	as Rate (Mct/d)

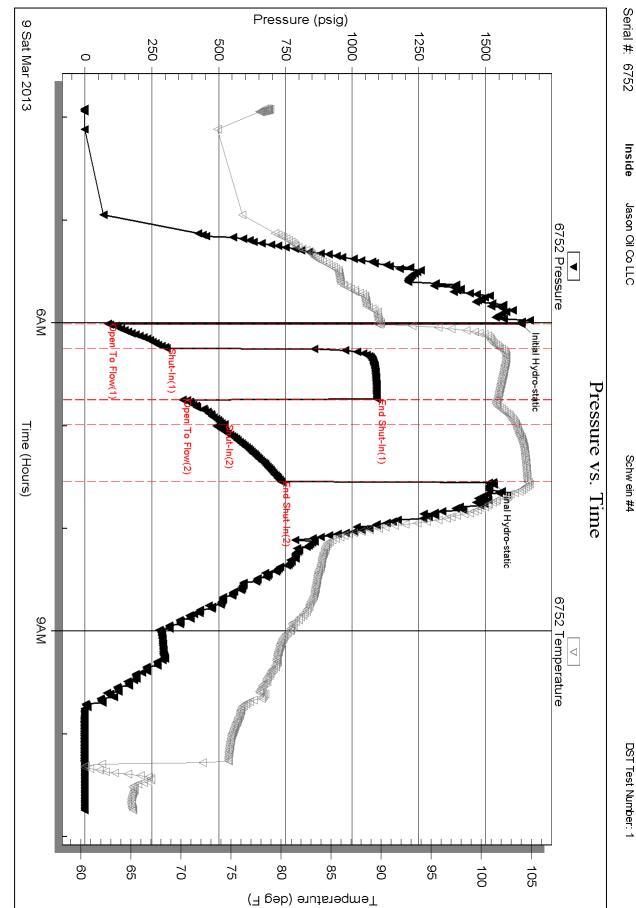
(N) T		סודר	DRILL STEM TEST REPORT TOOL					TOOL DIAGR
	RILOE	511E		Dil Co LLC			30-14s-14w Russel	I,KS
	<b> </b> ES7	<b>TING</b> , INC	PO Box	701			Schwein #4	
			Russell	KS 67665-	0701		Job Ticket: 52057	DST#:1
			ATTN:	Jeff Law le	er		Test Start: 2013.03.09	@ 03:55:00
Tool Informatio	n		ļ					
Drill Pipe:	Length:	3036.00 ft	Diameter:	3.80	inches Volume:	42.59 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75	inches Volume:	0.00 bbl	Weight set on Packe	er: 25000.00 lb
Drill Collar:	Length:	150.00 ft	Diameter:	2.25	inches Volume:	0.74 bbl	Weight to Pull Loose	
	(D.	40.00 (			Total Volume:	43.33 bbl	Tool Chased	0.00 ft
Drill Pipe Above K		12.00 ft					String Weight: Initial	40000.00 lb
Depth to Top Pac		3196.00 ft ft					Final	45000.00 lb
Depth to Bottom F Interval betw een		ft 47.00 ft						
	raukers.	47.00 ft						
		60 00 ft						
Tool Length:	rs.	69.00 ft 2	Diameter:	6 75	inches			
Tool Length: Number of Packe Tool Comments:	rs:	69.00 ft 2	Diameter:	6.75	inches			
Tool Length: Number of Packe Tool Comments:		2		6.75 Serial No		Depth (ft) Ad	ccum. Lengths	
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b>		2				<b>Depth (ft)</b> Ac 3179.00	ccum. Lengths	
Tool Length: Number of Packe		2	ngth (ft)				ccum. Lengths	
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b> Shut In Tool Hydraulic tool		2	<b>ngth (ft)</b> 5.00			3179.00	ccum. Lengths	
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b> Shut In Tool Hydraulic tool Safety Joint		2	<b>ngth (ft)</b> 5.00 5.00			3179.00 3184.00	ccum. Lengths 22.00	Bottom Of Top Pack
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b> Shut In Tool Hydraulic tool Safety Joint Packer		2	ngth (ft) 5.00 5.00 2.00			3179.00 3184.00 3186.00		Bottom Of Top Pack
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b> Shut In Tool Hydraulic tool Safety Joint Packer Packer		2	<b>ngth (ft)</b> 5.00 5.00 2.00 5.00			3179.00 3184.00 3186.00 3191.00		Bottom Of Top Pack
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b> Shut In Tool		2	ngth (ft) 5.00 5.00 2.00 5.00 5.00			3179.00 3184.00 3186.00 3191.00 3196.00		Bottom Of Top Pack
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Perforations		2	ngth (ft) 5.00 5.00 2.00 5.00 5.00 1.00		. Position	3179.00 3184.00 3186.00 3191.00 3196.00 3197.00		Bottom Of Top Pack
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b> Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Perforations Recorder		2	ngth (ft) 5.00 5.00 2.00 5.00 5.00 1.00 10.00	Serial No	. Position	3179.00 3184.00 3186.00 3191.00 3196.00 3197.00 3207.00		Bottom Of Top Pack
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b> Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Perforations Recorder Recorder	on	2	ngth (ft) 5.00 2.00 5.00 5.00 1.00 10.00 0.00	Serial No 6752	. Position	3179.00 3184.00 3186.00 3191.00 3196.00 3197.00 3207.00 3207.00		Bottom Of Top Pack
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b> Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Perforations Recorder Recorder Change Over Sut	on	2	ngth (ft) 5.00 5.00 5.00 5.00 1.00 10.00 0.00 0.0	Serial No 6752	. Position	3179.00 3184.00 3186.00 3191.00 3196.00 3197.00 3207.00 3207.00 3207.00		Bottom Of Top Pack
Tool Length: Number of Packe Tool Comments: <b>Tool Descriptic</b> Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb	<b>on</b>	2	ngth (ft) 5.00 5.00 2.00 5.00 1.00 10.00 0.00 0.00 1.00	Serial No 6752	. Position	3179.00 3184.00 3186.00 3191.00 3196.00 3197.00 3207.00 3207.00 3207.00 3208.00		Bottom Of Top Pack

	I RII ORITE	DRILL STEM TEST REPORT FLUID SUMMARY					
美	RILOBITE	Jason	Oil Co LLC	30-14s-14w Russell,KS			
	ESTING, INC.			Schwein	#4		
		Russe	Russell KS 67665-0701		52057	DST#: 1	
N/SOM		ATTN: Jeff Law ler		Test Start: 2013.03.09 @ 03:55:00		55:00	
ud and Cu	shion Information						
ud Type: Ge	el Chem		Cushion Type:		Oil A PI:	deg API	
ud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	33000 ppm	
scosity:	54.00 sec/qt		Cushion Volume:	bbl			
ater Loss:	9.58 in <sup>3</sup>		Gas Cushion Type:				
esistivity:	ohm.m		Gas Cushion Pressure:	psig			
alinity:	4800.00 ppm						
ter Cake:	inches						
ecovery In	formation						
			Recovery Table		-		
	Leng ft	th	Description	Volume bbl			
		504.00	MCW 2%m 98%w	5.70	13		
		378.00	GWCO 10%g 28%w 62%o	5.30			
		378.00	GM&OCW 25%g 10%m 20%o 45%w	5.30			
		378.00	GM&OCW 20%g 20%m 30%o 30%w	5.30	12		
		376.00	01000000 20789 207811 30780 30780	5.30	<u>,                                    </u>		
		0.00	126 GIP	0.00			
	Total Length:	0.00		0.00			
	Total Length:	0.00 1638	126 GIP 3.00 ft Total Volume: 21.609 bb	0.00	0		
	Total Length: Num Fluid Samp	0.00 1638 bles: 0	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		
	Total Length: Num Fluid Samp Laboratory Nan	0.00 1638 bles: 0 ne:	126 GIP         3.00 ft       Total Volume:       21.609 bb         Num Gas Bombs:       0         Laboratory Location:	0.00	0		

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Schw ein #4

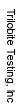
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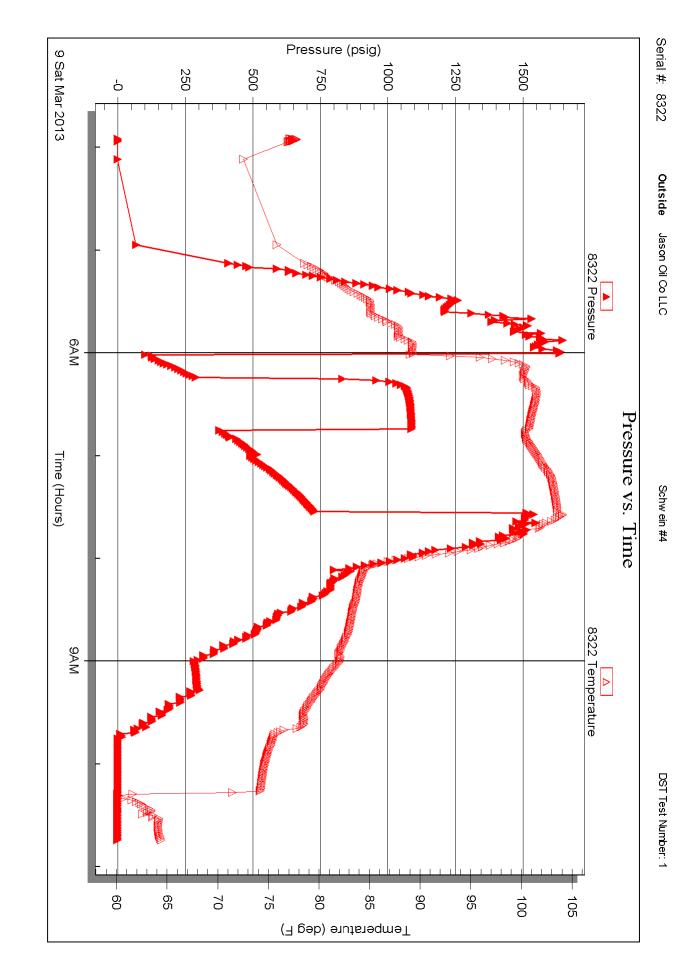
Inside

Jason Oil Co LLC

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Ref. No: 52057





- AR	RILOBITE		Те	est Ticket
4/10	<b>ESTING</b> INC. 1515 Commerce Parkway • Ha	ays, Kansas 67601	Ν	<b>o.</b> 52057
Well Name & No       S         Company       A50         Address       37/8-8         Co. Rep / Geo.       S         Location: Sec.       30         Interval Tested       319         Anchor Length       319         Top Packer Depth       Bottom Packer Depth         Total Depth       1         Blow Description       1	<u>Twp. 145</u> Rge 47 36-3243 3191 3196 3243	E 701 Russed B 14 W Co. Zone Tested Arb	ing Souther Russell Uckle 036 50 D	65-0701 wind #4 State <u>55</u> Mud Wt. <u>9, Z</u> Vis <u>59</u> WL <u>9, 6</u>
Rec 378 Fe	P- BOBin Imin P- BOBin 2min Det of MCLJ Det of SWCO	ce Blow 40 sec. N 30 sec. 10	%gas 62%	11 /
275	et of DM4OCW	25 20	%gas 20 %	
Rec Total       16.38         (A) Initial Hydrostatic       (B) First Initial Flow         (B) First Initial Flow       (C) First Final Flow         (C) First Final Flow       (C) First Final Flow         (D) Initial Shut-In       (C) Final Shut-In         (F) Second Final Flow       (C) Final Shut-In         (G) Final Shut-In       (C) Final Shut-In         (H) Final Hydrostatic       (C) Final Shut-In		vity API RV Test1150 Jars Safety Joint75 Circ Sub Hourly Standby Mileage67 Sampler Straddle Shale Packer Extra Packer Extra Recorder Day Standby Accessibility b Total296.30	N • 243 @ 61 T- T- T- T- T- T- T- T- T- C- C- C- C- C- C- C- C- C- C- C- C- C-	will         %water         %mu           _°F Chlorides         33000 ppr           On Location         02:40           Started         03:55           Open         06:00           Pulled         07:30           Out         10:45           omments         0           I Ruined Shale Packer         0           I Ruined Packer         0           I Extra Copies         0           otal         1296.30
Approved By	Su		esentative	honks.

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the orie for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at coar by the party for whom the test is made.