Сс	onfiden	tiality	/ Requested:
	Yes		10

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

1373404

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

### WELL COMPLETION FORM

-			
WELL HIS	STORY - DE	SCRIPTION O	F WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from  North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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:
☐ Oil ☐ WSW ☐ SWD □ Gas □ DH □ EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
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 EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or         Date Reached TD         Completion Date or           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	1373404
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tops of formations penetrated	etail all cores Benort all final (	conjes 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 T (Attach Additi			Yes No	[	Log	Formatic	on (Top), Dep	oth and Datum	Sample	
Samples Sent to	Geological Sur	vey	Yes No	1	Name			Тор	Datum	
Cores Taken       Yes       No         Electric Log Run       Yes       No         Geolgist Report / Mud Logs       Yes       No         List All E. Logs Run:       Ves       Ves										
					] New [ e, intermed	Used iate, producti	on, etc.			
		ze Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth			Type and Percent Additives	
			ADDITIONA	L CEMENTING /	SQUEEZI	E RECORD				
Purpose: Perforate		Depth Bottom	Image: Set							
Protect Ca	тр									
Plug Off Zo	one									
2. Does the volume	e of the total base	fluid of the hydrau	Ilic fracturing treatmer		-	Yes	No (If N	lo, skip question 3)		
Date of first Produc Injection:	ction/Injection or I	Resumed Producti			Gas L	_ift C	ther <i>(Explain)</i> .			
Estimated Production Oil Bbls. Per 24 Hours			Gas	Mcf	Water Bbls.			Gas-Oil Ratio Gravity		
DISPO	DSITION OF GAS	3:			<b>IPLETION</b>	l:				
Vented (If vented	Sold Use	d on Lease	Open Hole	_						
· · · · · ·										
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At		Acid,	Fracture, Sho (Amount and	t, Cementing Squeeze d Kind of Material Used)	Record	

Packer At:

TUBING RECORD:

Size:

Set At:

Form	ACO1 - Well Completion
Operator	Staab Oil Co., a General Partnership
Well Name	TODD HIXON ROAD 1
Doc ID	1373404

## Tops

Name	Тор	Datum
anhydrite	1759	573
base	1809	523
topeka	3377	-1045
heebner	3592	-1260
toronto	3614	-1282
lansing	3629	-1297
bkc	3861	-1529
arbuckle	4016	-1684
T.D.	4110	-1778

Form	ACO1 - Well Completion
Operator	Staab Oil Co., a General Partnership
Well Name	TODD HIXON ROAD 1
Doc ID	1373404

#### Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.865	8.625	14	217	common	150	2%gel

## **Janel Staab** Consulting Petroleum Geologist

2428 Toulon Ave Hays, KS 67601 Phone: 785-625-4311 Cell Phone: 785-635-1660 janels1969@gmail.com

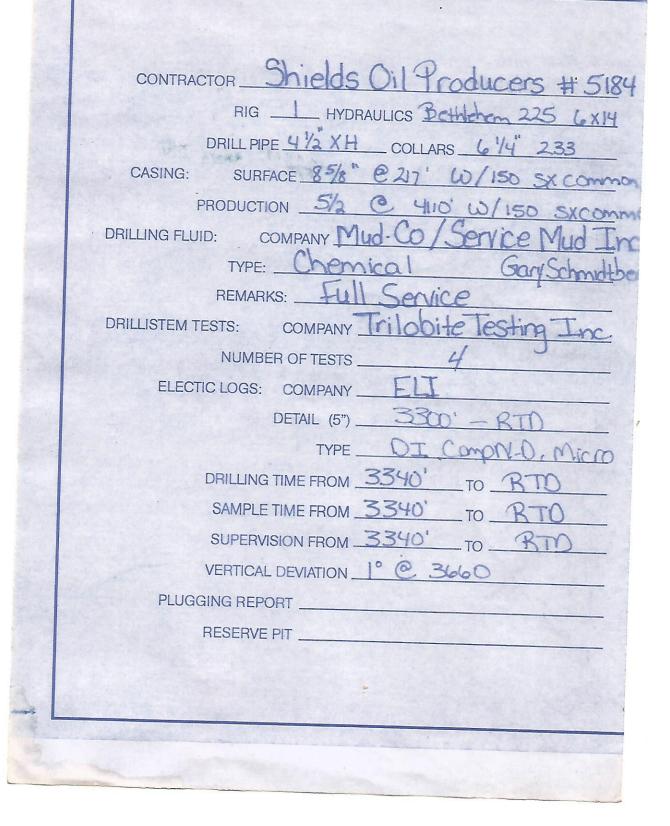
## **GEOLOGIST'S WELL REPORT**

COMPANY Staab OI Company #6037
WELL Todd Hixon Boad
FIELD Vopeck
LOCATION (legal) SE-NE-NW-SW, 2150 FSL 1035FWL
Section 9 TWP 125 RGE 21 W
(Map) I-70-Rige Exit - North 2/4 miles to Rid J. Imile West, 370 ave.
COUNTY Treap STATE Ransas in towards cast
ELEVATION: 2332 K.B., 2327 G.L.

Depths measured from Kelly Bushing

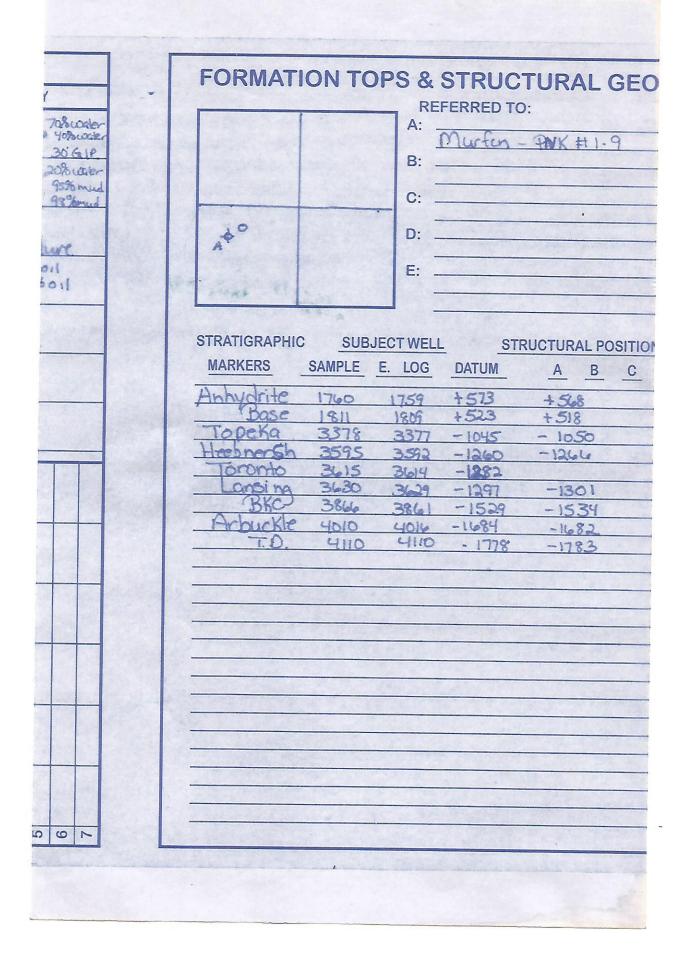
15-195-23022-00-00 A. P. I. NUMBER. Janel Staab GEOLOGY BY\_\_\_\_

# PERTINENT WELL DATA

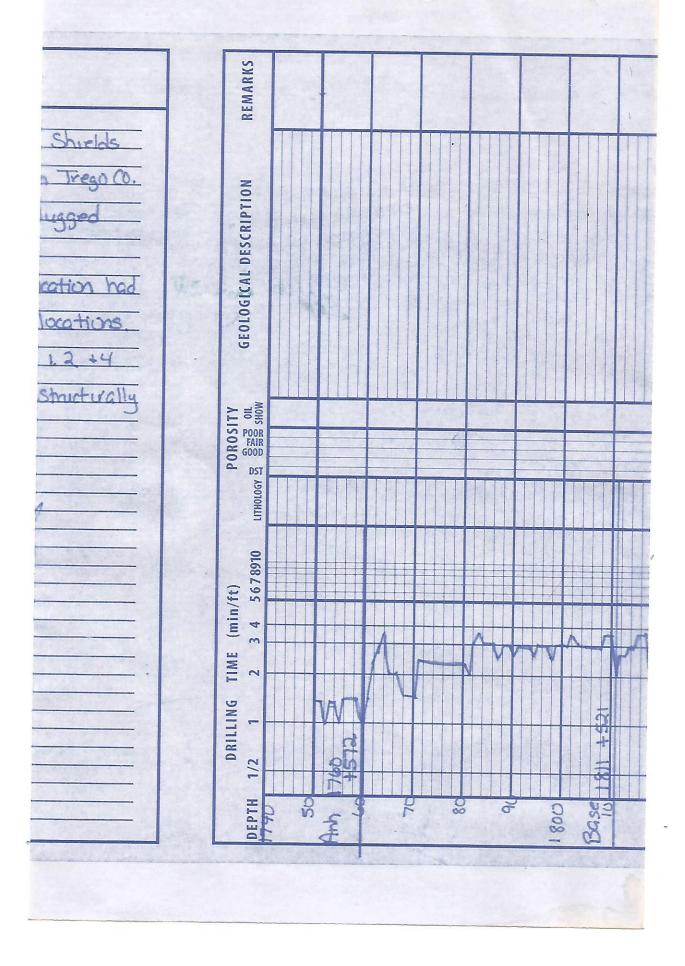


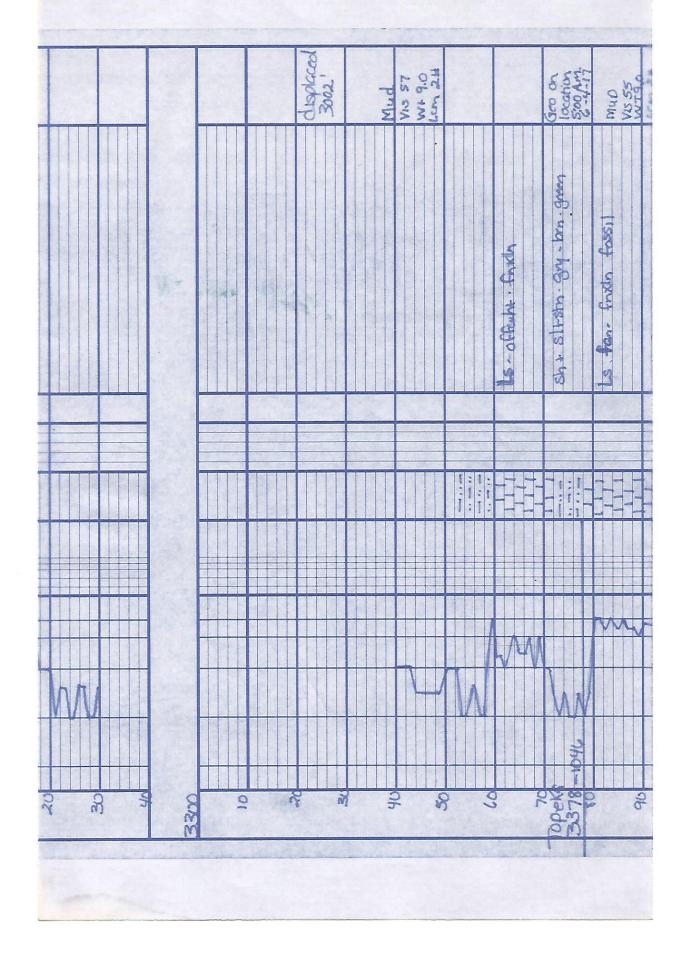
**DAILY REPORT** DATE: 7 a.m. Depth **RIG ACTIVITY** 5-25-17 MIRU S.PUD 5.30.17 220' 5.31.17 W. O.C. 6-01-17 1209' Orilling Sh. Slitst 2270' 6.02.17 Irilling sh sitst + 3002 6.03.17 rilling sh stat P 6.04-17 3472' rilling Top-Ka LKC. A+ 6.05.17 3ldo) ST -#1 DST # 2 LKC.C.F 3725 6.00.17 Dillus Base KC 6.07.17 3872' STHY Arbuckle 4/10' -T.D. 6-08-17

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LOGY SUMMARY The Todd Hixon Bogd was drilled using Rig. Location - Sec. 9, TI2S, R21W. U Kansas Starting on May 30,2017 and p June 8, 2017 3.0 Scismic had indicated that this 10 a Arbuctle high compared to surrounding 4 DSTS and logs were ran with DST. DE indicating a positive test, but Arbuckle came in low. Decision was made to plug location .





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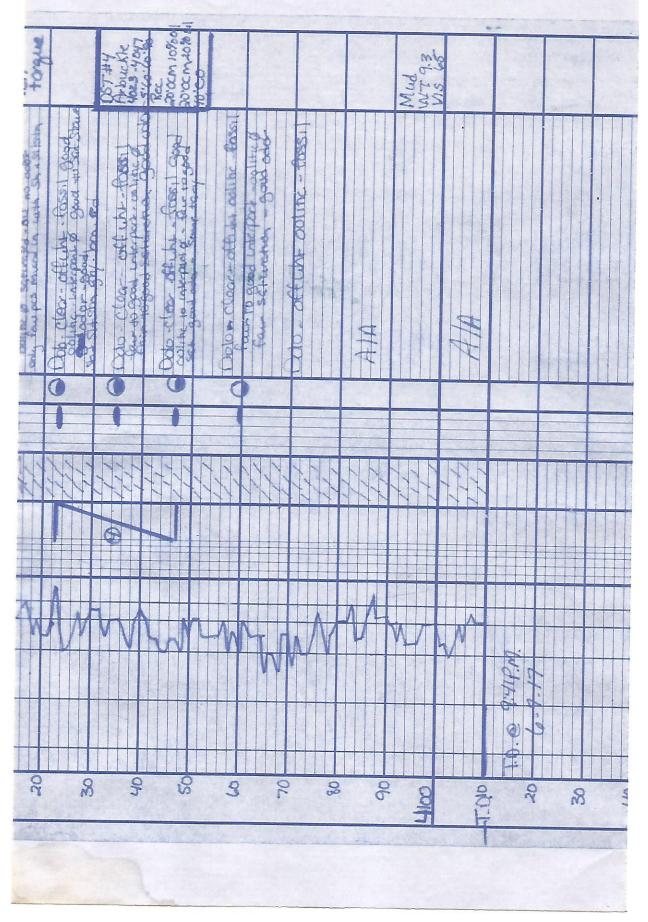
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# GLOBAL OIL FIELD SERVICES, LLC

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	S. Lincoln			SERV	VICE POINT:		
Rı	ussell, KS 67665					ussell, M.S.	
	SEC. TWP.	RANGE	CALLI	ED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 5-30-17 Told	- Id		1	<u></u>	·L	COUNTY	STATE
LEASE LAYON KD	WELL#.	LOCATION Rigg	RL	)		Trego.	1 65
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TUBING SIZE		PTH		Joh gel	1		
DRILL PIPE		PTH					
TOOL		PTH					
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CEMENT LEFT IN CSG.		0150111		POZMIX GEL		_ @	•
PERFS	<u> </u>			CHLORIDE		_ @	
DISPLACEMENT	121/2 661			ASC		@	
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Global Oil Field S	Services, LLC			and the second			
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	d helper(s) to assist ov						
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	owner agent or contrac					_ @	
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PRINTED NAME	Feorge Be	gler		SALES TAX (IF	Any)		
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# **GLOBAL OIL FIELD SERVICES, LLC**

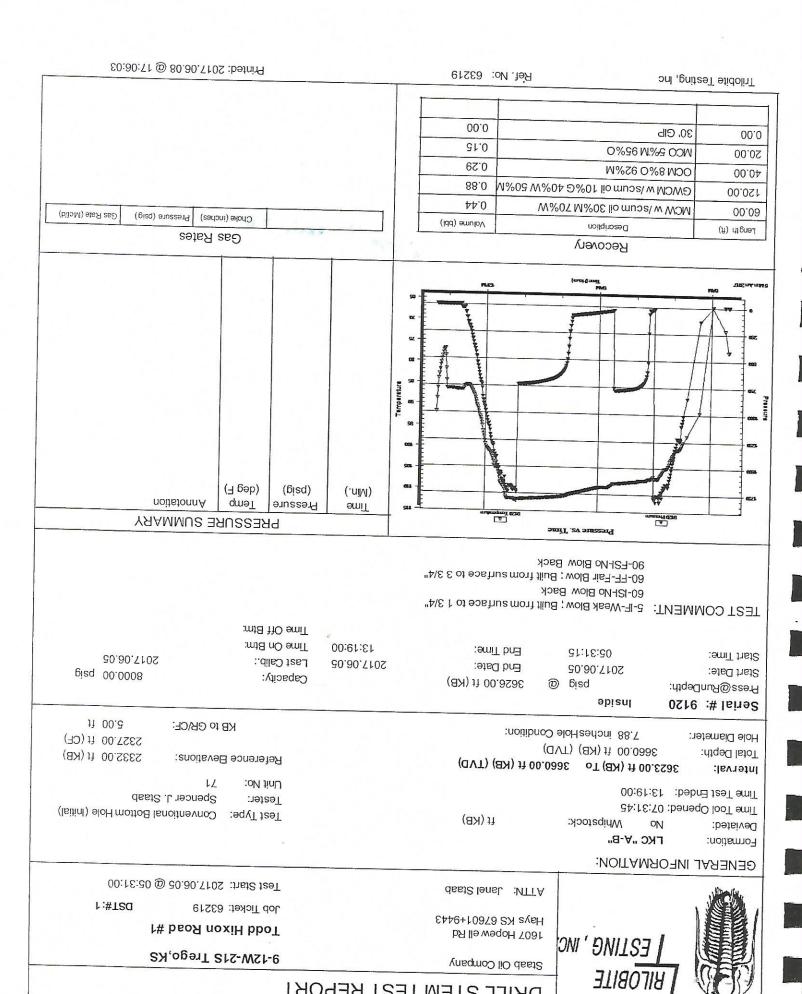
							6714
REMIT TO	24 S. Linco	oln		SFR	VICE POINT:		
	Russell, KS			DER	Russel	Ve	
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	SEC.	TWP	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 6-8-17		1					InPm
LEASE ROAD	WELL #.	1	LOCATION	A THE REAL PROPERTY OF		COUNTY	STATE
OLD OR NEW (C			LOCATION	And the second second		FLCIS.	KS
CONTRACTOR 5	LIELDS DR.	11-1426		OWNER		-J	
TYPE OF JOB DR	1 HOLE P		······································				
HOLE SIZE 77/	1	T.I	). K 9	CEMENT			
CASING SIZE		DE	PTH	AMOUNT ORDI	RED BASSY	Lolus Poz	1 % car Vare
TUBING SIZE		DE	PTH	44 T			
DRILL PIPE 11/2 >	CH	DE	PTH 3090'				
TOOL			PTH				
PRES. MAX			NIMUM	COMMON	<b>^</b> ,	@	
MEAS. LINE		SH	OE JOINT	POZMIX			
CEMENT LEFT IN C	SG.			GEL		. @	
PERFS				CHILORIDE		. @	
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	EQUIPMEN	NT.				@	
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Global Oil Field	Services	UC					-
You are hereby n	emerted to -	LLU	ting amilian i			@	
ton are nereby h	equesieu io i	cut cemen	ing equipment	and		0	

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME SIGNATURE

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\_\_\_\_\_\_@\_\_\_\_\_\_\_\_



	RILOE	<i>IIIE</i>	Chach O				A 4014 A40 T	TOOL DIAGRA
	Trot			il Company			9-12W-21S Trego,K	S
	[ EQ I	TNG , INC	1 1007 110	pew ell Rd			Todd Hixon Road #	<b>#1</b>
			Hays K	5 67601+94	43		Job Ticket: 63219	DST#:1
			ATTN:	Janel Staat	)		Test Start: 2017.06.05 @	05:31:00
Tool Informatio	on							•
Drill Pipe:	Length:	3146.00 ft	Diameter:	3.80 ii	nches Volume:	44.13 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	466.00 ft	Diameter:	2.75 i	nches Volume:	3.42 bbl	Weight set on Packer	: 25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 i	nches Volume:	0.00 bbl	Weight to Pull Loose:	74000.00 lb
	<b>ZD</b> .	17.00 ft		182	Total Volume:	47.55 bbl	Tool Chased	0.00 ft
Drill Pipe Above ł Depth to Top Pac		3623.00 ft					String Weight: Initial	68000.00 lb
Depth to Bottom I		3623.00 ft					Final	71000.00 lb
Interval between		37.00 ft						
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Number of Packe Tool Comments: Tool Descriptio Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb	on		ngth (ft) 1.00 5.00 5.00 5.00 3.00 5.00 4.00			3596.00 3601.00 3606.00 3611.00 3614.00 3619.00 3623.00		Bottom Of Top Packer
Number of Packe Tool Comments: Tool Descriptio Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations	on		ngth (ft) 1.00 5.00 5.00 5.00 3.00 5.00 4.00 1.00			3596.00 3601.00 3606.00 3611.00 3614.00 3619.00 3623.00 3623.00		Bottom Of Top Packe
Number of Packe Tool Comments: Tool Description Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Recorder	on		ngth (ft) 1.00 5.00 5.00 5.00 3.00 5.00 4.00 1.00 2.00	Serial No.	Position	3596.00 3601.00 3606.00 3611.00 3614.00 3619.00 3623.00 3624.00 3626.00		Bottom Of Top Packer
Number of Packe Tool Comments: Tool Descriptio Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer	on		ngth (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 2.00 0.00	Serial No. 9120	Position	3596.00 3601.00 3606.00 3611.00 3614.00 3619.00 3623.00 3624.00 3626.00 3626.00		Bottom Of Top Packer
Number of Packe Tool Comments: Tool Descriptio Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Recorder Recorder	on		ngth (ft) 1.00 5.00 5.00 3.00 5.00 4.00 1.00 2.00 0.00 0.00	Serial No. 9120	Position	3596.00 3601.00 3606.00 3611.00 3614.00 3619.00 3623.00 3624.00 3626.00 3626.00	28.00	Bottom Of Top Packe

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	LOBITE	and a second	LL STEM TEST REPOR	1	F	LUID SUMMAR	
(HEED)	ESTING , INC.	Staab	Dil Company	9-12W-21	S Trego,KS		
	ESTING, INC.		opew ell Rd S 67601+9443	Todd Hix Job Ticket: 6	on Road #1 53219	DST#: 1	
		ATTN: Janel Staab		Test Start: 2017.06.05 @ 05:31:00			
lud and Cushio	n Information						
/iscosity: 5 Vater Loss: Resistivity:	n 9.00 lb/gal 8.00 sec/qt 6.40 in <sup>3</sup> ohm.m 00.00 ppm inches		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psig	Oil API: Water Salinity:	45 deg AP 63000 ppm	
Recovery Inform	ation						
	r		Recovery Table	-	_		
	Lengt ft	h	Description	Volume bbl			
		60.00	MCW w/scum oil 30%M 70%W	0.44	1		
		120.00 40.00	GWCM w /scum oil 10%G 40%W 50%M OCM 8%O 92%M	0.88			
		20.00	MCO 5%M 95%O	0.29			
		0.00	30' GIP	0.00	0		
	Recovery Com		LCM V=.085@92 degrees				

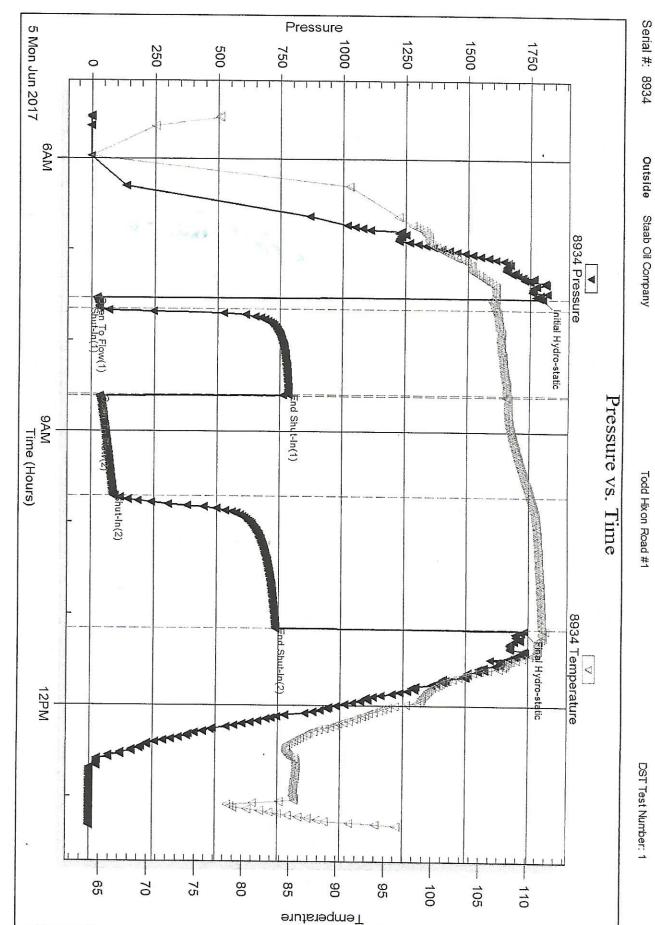
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Ref. No: 63219



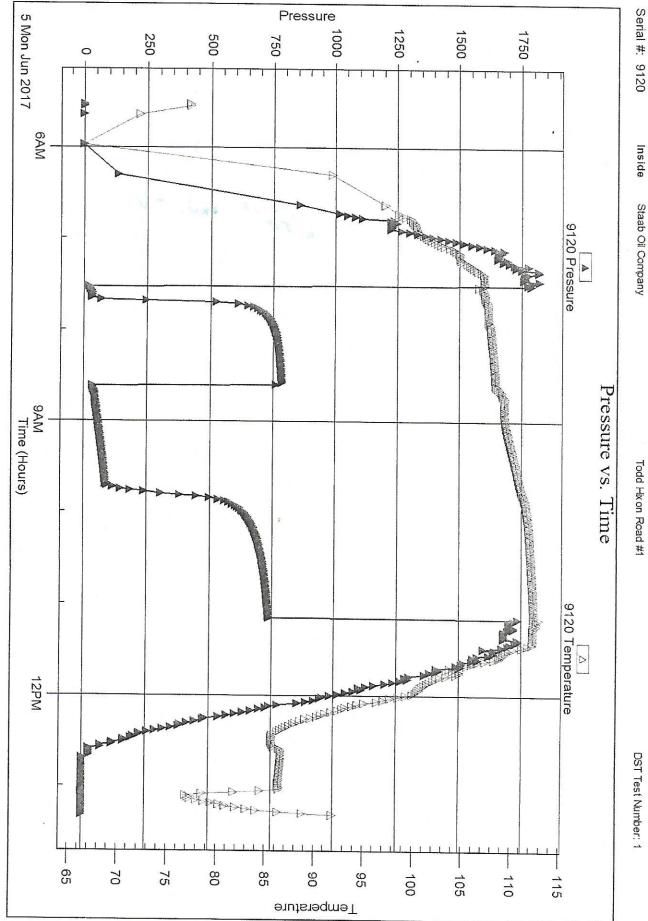




Ref. No: 63219

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Trilobite Testing, Inc



Inside Staab Oil Company

Todd Hix on Road #1

DST Test Number: 1

	BITE		LSIE	MIEST	REPOR	Т	TOOL DIAGRA
		Staab O	il Company		1711-1710-2011.	9-12W-21S Treg	o,KS
ES ES	TING , INC	1607 Ho	pew ell Rd			Todd Hixon Roa	ud #1
			67601+944	3		Job Ticket: 63220	DST#: 2
(ES)		A 7751					
.u)valle.		ATTN:	Janel Staab			Test Start: 2017.06.0	06 @ 00:36:00
Tool Information							1
Drill Pipe: Length:	3171.00 ft	Diameter:	3.80 in	ches Volume:	44.48 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe: Length:	466.00 ft	Diameter:	2.75 in	ches Volume:	3.42 bbl	Weight set on Pac	
Drill Collar: Length:	0.00 ft	Diameter:	2.25 in	ches Volume:	0.00 bbi	Weight to Pull Loo	se: 71000.00 lb
Drill Pipe Above KB:	4.00 ft			Total Volume:	47.90 bbl	Tool Chased	0.00 ft
Depth to Top Packer:	3661.00 ft		n for all gen			String Weight: Init	tial 68000.00 lb
Depth to Bottom Packer:	ft					Fin	al 69000.00 lb
nterval between Packers:							
Tool Length:	92.00 ft						
Number of Packers:	1	Diameter:	6.75 ind	ches			
Tool Comments:							
Tool Description	Lei	nath (ft)	Serial No.	Position	Denth (ft) A	cum Langths	
	Lei		Serial No.	Position		ccum. Lengths	
Change Over Sub	Lei	1.00	Serial No.	Position	3634.00	ccum. Lengths	
Tool Description Change Over Sub Shut In Tool Hydraulic tool	Lei	1.00 5.00	Serial No.	Position	3634.00 3639.00	ccum. Lengths	
Change Over Sub Shut In Tool Hydraulic tool	Lei	1.00 5.00 5.00	Serial No.	Position	3634.00 3639.00 3644.00	ccum. Lengths	
Change Over Sub Shut In Tool Hydraulic tool Jars	Lei	1.00 5.00 5.00 5.00	Serial No.	Position	3634.00 3639.00 3644.00 3649.00	ccum. Lengths	
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	Lei	1.00 5.00 5.00 5.00 3.00	Serial No.	Position	3634.00 3639.00 3644.00 3649.00 3652.00		Bottom Of Ton Poeloo
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer	Leı	1.00 5.00 5.00 5.00	Serial No.	Position	3634.00 3639.00 3644.00 3649.00	ccum. Lengths 28.00	Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	Lei	1.00 5.00 5.00 5.00 3.00 5.00	Serial No.	Position	3634.00 3639.00 3644.00 3649.00 3652.00 3657.00 3661.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool	Leı	1.00 5.00 5.00 5.00 3.00 5.00 4.00	Serial No.	Position	3634.00 3639.00 3644.00 3649.00 3652.00 3657.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb	Leı	1.00 5.00 5.00 5.00 3.00 5.00 4.00 1.00	Serial No.	Position	3634.00 3639.00 3644.00 3649.00 3652.00 3657.00 3661.00 3662.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub	Lei	1.00 5.00 5.00 3.00 5.00 4.00 1.00 2.00	Serial No.	Position	3634.00 3639.00 3644.00 3649.00 3652.00 3657.00 3661.00 3662.00 3664.00		Bottom Of Top Packe
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub Recorder	Le	1.00 5.00 5.00 3.00 5.00 4.00 1.00 2.00 1.00			3634.00 3639.00 3644.00 3652.00 3657.00 3661.00 3662.00 3664.00 3665.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub Recorder Recorder	Leı	1.00 5.00 5.00 3.00 5.00 4.00 1.00 2.00 1.00 0.00	9120	Inside	3634.00 3639.00 3644.00 3652.00 3657.00 3661.00 3662.00 3664.00 3665.00		Bottom Of Top Packe
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe	Lei	1.00 5.00 5.00 3.00 5.00 4.00 1.00 2.00 1.00 0.00 0.00	9120	Inside	3634.00 3639.00 3644.00 3652.00 3657.00 3661.00 3662.00 3664.00 3665.00 3665.00 3665.00 3665.00		Bottom Of Top Packe
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub	Leı	1.00 5.00 5.00 3.00 5.00 4.00 1.00 2.00 1.00 0.00 0.00 32.00	9120	Inside	3634.00 3639.00 3644.00 3652.00 3657.00 3661.00 3662.00 3664.00 3665.00 3665.00 3665.00 3665.00 3697.00 3698.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations	Leı	1.00 5.00 5.00 3.00 5.00 4.00 1.00 2.00 1.00 0.00 32.00 1.00	9120	Inside	3634.00 3639.00 3644.00 3652.00 3657.00 3661.00 3662.00 3664.00 3665.00 3665.00 3665.00 3665.00		Bottom Of Top Packer

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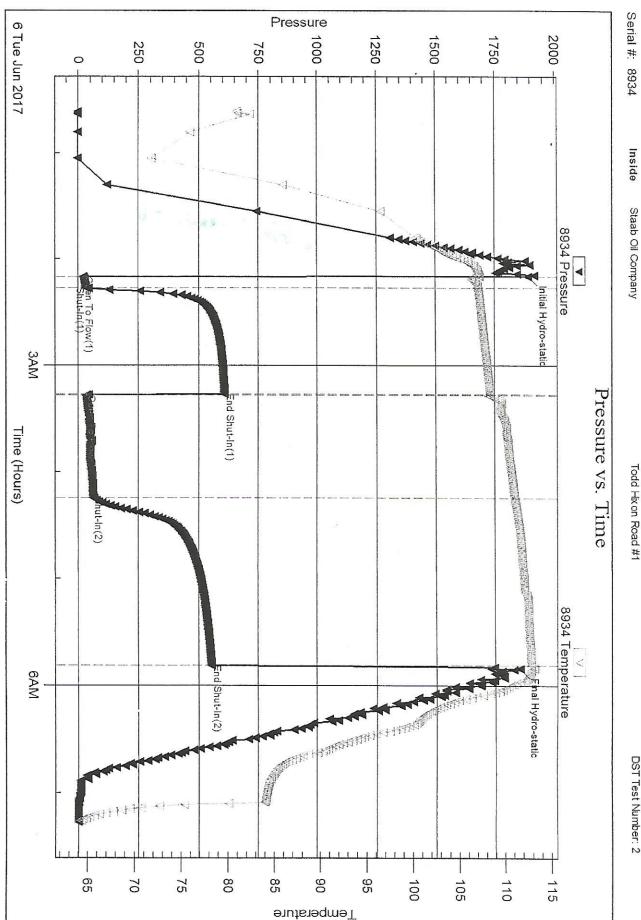
ATT AT		DR	ILL STEM TEST REPOR	RT	FLUID SUMMARY
	RILOBITE	Staat	0 Oil Company	9-12W-21S Trego	,KS
	ESTING ,	1 1001	Hopew ell Rd KS 67601+9443	, Todd Hixon Road	
		ATTN	: Janel Staab	Job Ticket: 63220 Test Start: 2017.06.0	DST#: 2 6 @ 00:36:00
Mud and Cush	nion Informat	ion			•
Mud Type: Gel C	Chem		Cushion Type:	Oil API:	deg API
Mud Weight:	9.00 lb/gal		Cushion Length:	ft Water Sa	
Viscosity:	58.00 sec/qt		Cushion Volume:	bbl	anney. 10000 ppm
Water Loss:	6.39 in <sup>3</sup>		Gas Cushion Type:		
Resistivity:	ohm.m		Gas Cushion Pressure:	psig	
	4500.00 ppm			P3	
Filter Cake:	inches				
		Length ft	Description	Volume bbl	
				bbl	
		30.00	OWCM 20%O 20%W 60%M	0.220	
		20.00	OCM 5%O 95%M	0.147	
	L	60.00	OCM 2%O 98%M	0.441	
	Total Leng	gth: 11	0.00 ft Total Volume: 0.808 bl	bl	
	Num Fluid Laborator	Samples: 0	Num Gas Bombs: 0 Laboratory Location:	Serial #:	
		Comments: 2			
	1,000,013		RW=.623@55degrees		

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Printed: 2017.06.08 @ 17:05:21

Ref. No: 63220

Trilobite Testing, Inc



Staab Oil Company

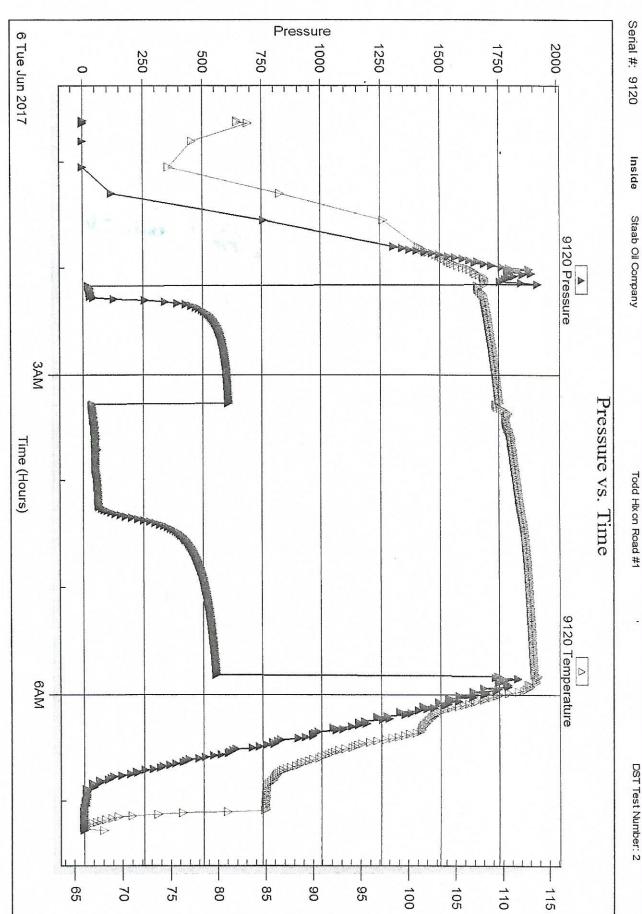
Todd Hix on Road #1

DST Test Number: 2

Printed: 2017.06.08 @ 17:05:21

Ref. No: 63220

Trilobite Testing, Inc



Temperature

Serial #: 9120

Inside

RILOBITE	Staab Oil Company	EST REP		S Trego,	KS
ESTING , INC.	1607 Hopew ell Rd Hays KS 67601+9443			on Road	
			Job Ticket:	63221	DST#: 3
whether.	ATTN: Janel Staab		Test Start:	2017.06.06	@ 23:23:00
GENERAL INFORMATION:					
Formation: LKC "J&K" Deviated: No Whipstock: Time Tool Opened: Time Test Ended: 02:48:30	ft (KB)		Test Type: Tester: Unit No:	Convention Spencer J 71	nal Bottom Hole (Reset) . Staab
Interval:3787.00 ft (KB) To384Total Depth:3845.00 ft (KB) (TVEHole Diameter:7.88 inchesHole (			Reference K	Bevations: to GR/CF:	2332.00 ft (KB) 2327.00 ft (CF) 5.00 ft
Serial #: 9120 Inside Press@RunDepth: psig @ Start Date: 2017.06.06 Start Time: 23:23:15	End Date: End Time:	2017.06.07 02:48:30	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2017.06.07
	PCD Perpendice	(Min.)	Pressure Temp (psig) (deg F	Annotat	
	204 204	1969 1			
Recovery Length (ft)			······································	as Rates	Jre (psig) Gas Rate (MAPPE)
200 200 200 200 200 200 200 200 200 200			······································		<b>Jre (psig)</b> Gas Rate (Mcf/d)

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RIIO	BITE	DRI	LL STE	EMTEST	<b>FREPO</b>	RT		TOOL DIA
TESTING, INC.		Staab (	Oil Company			9-12W-21S	Trego,K	
	I ING , INC.		lopewell Rd			Todd Hixor	n Road #	1
		Flays N	(S 67601+94	43		Job Ticket: 63	221	DST#: 3
		ATTN:	Janel Staab	)		Test Start: 20		
Tool Information								
Drill Pipe: Length:	3310.00 ft	Diameter:	3.80 ir	iches Volume:	10 10 11	•		
Heavy Wt. Pipe: Length:	UniVersity and the	Diameter:		iches Volume: iches Volume:		reer reegn		2500.00 lb
Drill Collar: Length:		Diameter:	4110 11	iches Volume: iches Volume:			on Packer:	lb
-				Total Volume:				lb
Drill Pipe Above KB:	9.00 ft				49.85 bb			ft
Depth to Top Packer:	3787.00 ft	4.2				String Weig		lb
Depth to Bottom Packer:	ft						Final	lb
Interval between Packers:								
Tool Length: Number of Packers:	78.00 ft							
	1	Diameter:	6.75 in	ches				
Tool Comments:								
Tool Description	Len	igth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths		
Tool Description	Len	<b>1.00</b>	Serial No.	Position	<b>Depth (ft)</b> 3768.00	Accum. Lengths		
Tool Description Change Over Sub Shut In Tool	Len		Serial No.	Position		Accum. Lengths		
Tool Description Change Over Sub Shut In Tool Hydraulic tool	Len	1.00	Serial No.	Position	3768.00	Accum. Lengths		
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer	Len	1.00 5.00	Serial No.	Position	3768.00 3773.00			Rottom Of Top D
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer		1.00 5.00 5.00	Serial No.	Position	3768.00 3773.00 3778.00	Accum. Lengths		Bottom Of Top Pa
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb		1.00 5.00 5.00 5.00	Serial No.	Position	3768.00 3773.00 3778.00 3783.00			Bottom Of Top Pa
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations		1.00 5.00 5.00 5.00 4.00	Serial No.	Position	3768.00 3773.00 3778.00 3783.00 3783.00			Bottom Of Top P
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb		1.00 5.00 5.00 5.00 4.00 1.00	Serial No.	Position	3768.00 3773.00 3778.00 3783.00 3783.00 3787.00 3788.00 3790.00			Bottom Of Top P
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations		1.00 5.00 5.00 4.00 1.00 2.00	Serial No.	Position	3768.00 3773.00 3778.00 3783.00 3787.00 3787.00 3788.00 3790.00 3791.00			Bottom Of Top P
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder		1.00 5.00 5.00 4.00 1.00 2.00 1.00	9120	Inside	3768.00 3773.00 3778.00 3783.00 3787.00 3788.00 3790.00 3791.00 3791.00			Bottom Of Top F
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder Recorder		1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00 0.00			3768.00 3773.00 3778.00 3783.00 3787.00 3788.00 3790.00 3791.00 3791.00 3791.00			Bottom Of Top F
Fool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Fill Pipe	3	1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00 0.00 32.00	9120	Inside	3768.00 3773.00 3778.00 3783.00 3787.00 3788.00 3790.00 3791.00 3791.00 3791.00 3791.00 3791.00			Bottom Of Top F
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub	3	1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00 0.00 32.00 1.00	9120	Inside	3768.00 3773.00 3778.00 3783.00 3787.00 3788.00 3790.00 3791.00 3791.00 3791.00 3791.00 3823.00 3824.00			Bottom Of Top P
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Recorder Drill Pipe Change Over Sub	3	1.00 5.00 5.00 4.00 1.00 2.00 1.00 0.00 0.00 32.00	9120	Inside	3768.00 3773.00 3778.00 3783.00 3787.00 3788.00 3790.00 3791.00 3791.00 3791.00 3791.00 3791.00			Bottom Of Top P

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RILOBIT		RILL STEM TEST REP	FLUID SUMMARY	
	Sta	aab Oil Company	,KS	
ESTIN	10	07 Hopew ell Rd	Todd, Hixon Road	l #1
	Ha	ys KS 67601+9443	Job Ticket: 63221	DST#: 3
	TA	TN: Janel Staab	Test Start: 2017.06.06	5 @ 23:23:00
Mud and Cushion Inform	nation		1	•
Mud Type: Gel Chem		Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/g	al	Cushion Length:	ft Water Sa	alinity: ppm
Viscosity: 58.00 sec	/qt	Cushion Volume:	bbl	
Water Loss: 6.39 in <sup>3</sup>		Gas Cushion Type:		
Resistivity: ohn	ı.m	Gas Cushion Pressure:	psig	
Salinity: 4500.00 ppn	n			
Filter Cake: incl	nes			
<b>Recovery Information</b>				
		Recovery Table		
	Length ft	Description	Volume bbl	
	345.0	00 Mud 100%M	2.535	

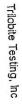
Total Length:

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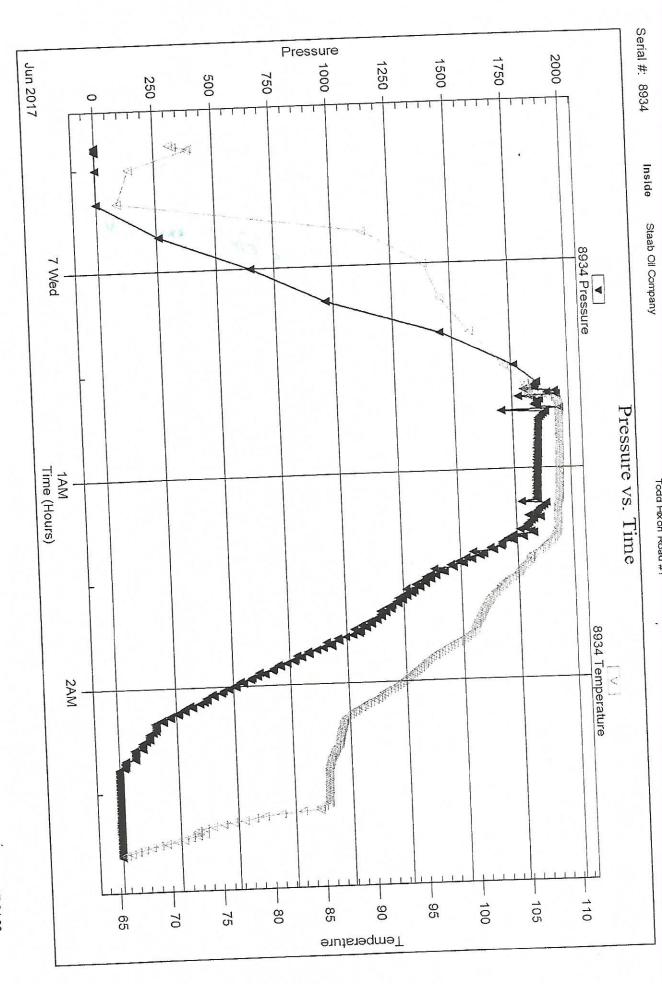
345.00 ft Total Volume: 2.535 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Laboratory Name: Laboratory Location: Recovery Comments: 2#LCM

Serial #:



Ref. No: 63221

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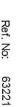
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Ref. No:

Trilobite Testing, Inc









Jun 2017

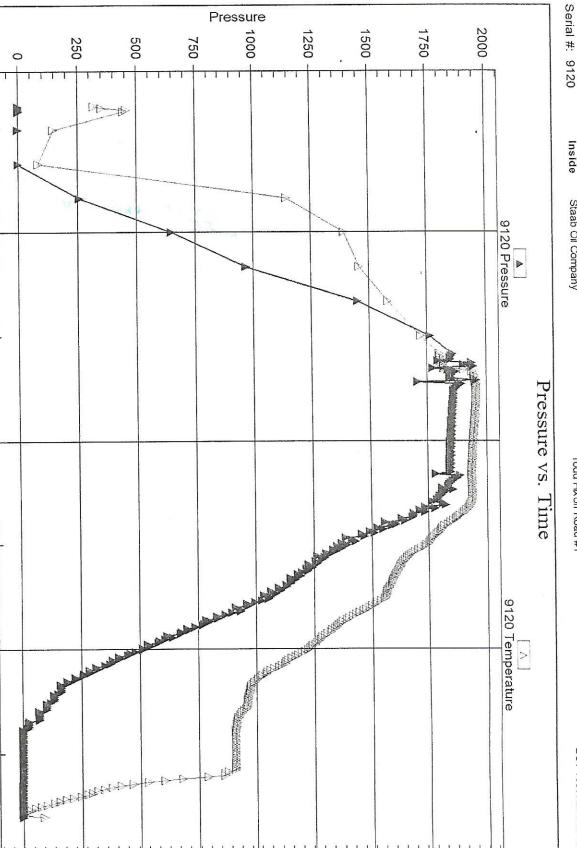
7 Wed

1AM Time (Hours)

2AM

<u>б</u>5

70



80

75

85

90

Temperature

95

105

100

110

Pressure

DST Test Number: 3

Todd Hixon Road #1

Inside Staab Oil Company

RILOBITE	DRILL STEM TES	ST REPO	ORT				
	Staab Oil Company	9-12W-21S Trego,KS					
ESTING , IN	1607 Hopew ell Rd Hays KS 67601+9443			d Hixon	n Road #1	I DST#:	4
	ATTN: Janel Staab				17.06.08 @		4
GENERAL INFORMATION:				<u></u>			
Formation: Arbuckle							
Veviated: No Whipstock: Time Tool Opened: 07:21:30 Time Test Ended: 12:40:30	ft (KB)		Test T Tester Unit N	r: S	Conventional Spencer J. S 1		Reset)
otal Depth: 4110.00 ft (KB) (	4047.00 ft (KB) (TVD)		Refere	ence Elev	vations:	2327.00	) ft (KB) ) ft (CF)
				KB IC	GR/CF:	5.00	JT
Serial #:         8934         Outside           Press@RunDepth:         42.38 psig           Start Date:         2017.06.08           Start Time:         05:46:15	End Date:	2017.06.08 12:40:30	Capacity: Last Calib.: Time On Bt Time Off B	tm: 2	2017.06.08 @ 2017.06.08 @		3
90-FSI-No Blow	ow ; Built from surface to 4 1/4" / Back						
Pressure vs			PRE	ESSUR	E SUMM	ARY	
	Time EXTroponduce Formation Fo	Time (Min.) 0	Pressure (psig)	Temp (deg F)	Annotatio	n	
	ZOV Torpanker	(Min.) 0 1 7	Pressure (psig) 2062.84 18.31 21.25	Temp (deg F) 113.63 112.99 114.17	Annotatio Initial Hydro Open To Fl Shut-In(1)	on o-static low (1)	
173	EX Trapendare	(Min.) 0 1 7 65	Pressure (psig) 2062.84 18.31 21.25 1234.48	Temp (deg F) 113.63 112.99 114.17 115.88	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir	on o-static low (1) n(1)	
	EX Trapendare	(Min.) 0 1 7 65	Pressure (psig) 2062.84 18.31 21.25	Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87	Annotation Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2)	on o-static low (1) n(1) low (2)	
200         300           1750         1	EV Treportano Alternation Alternation File F	(Min.) 0 1 7 65	Pressure (psig) 2062.84 18.31 21.25 1234.48 23.38	Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87 118.85	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)	
	Image: State of the s	(Min.) 0 1 7 65 65 125 214	Pressure (psig) 2062.84 18.31 21.25 1234.48 23.38 42.38 1158.98	Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87 118.85 119.20	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)	
The second secon	Image: State of the s	(Min.) 0 1 7 65 65 125 214	Pressure (psig) 2062.84 18.31 21.25 1234.48 23.38 42.38 1158.98	Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87 118.85 119.20	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) h(1) low (2) h(2) o-static	Sas Rate (Mcf/d)
Too Too Too Too Too Too Too Too	Image: Second	(Min.) 0 1 7 65 65 125 214	Pressure (psig) 2062.84 18.31 21.25 1234.48 23.38 42.38 1158.98	Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87 118.85 119.20 Gas	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) h(1) low (2) h(2) o-static	Sas Rate (Mcf/d)
Image: Construction         Image: Construction           Image: Construction         Image: Construction <td>EV Torperate II terran II terra</td> <td>(Min.) 0 1 7 65 65 125 214</td> <td>Pressure (psig) 2062.84 18.31 21.25 1234.48 23.38 42.38 1158.98</td> <td>Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87 118.85 119.20 Gas</td> <td>Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro</td> <td>on o-static low (1) h(1) low (2) h(2) o-static</td> <td>Bas Rate (Mcf/d)</td>	EV Torperate II terran II terra	(Min.) 0 1 7 65 65 125 214	Pressure (psig) 2062.84 18.31 21.25 1234.48 23.38 42.38 1158.98	Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87 118.85 119.20 Gas	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) h(1) low (2) h(2) o-static	Bas Rate (Mcf/d)
200         Party Provide           2000         OCM 10%O 90% M           20.00         OCM 20%O 80% M	Image: Second	(Min.) 0 1 7 65 65 125 214	Pressure (psig) 2062.84 18.31 21.25 1234.48 23.38 42.38 1158.98	Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87 118.85 119.20 Gas	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) h(1) low (2) h(2) o-static	Sas Rate (Mcf/d)
200         004         304           200         004         304           200         004         304           200         004         304           200         004         304           200         004         304           200         004         004	EV Torperate II terran II terra	(Min.) 0 1 7 65 65 125 214	Pressure (psig) 2062.84 18.31 21.25 1234.48 23.38 42.38 1158.98	Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87 118.85 119.20 Gas	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) h(1) low (2) h(2) o-static	Sas Rate (Mcf/d)
200         0	EV Torperate II terran II terra	(Min.) 0 1 7 65 65 125 214	Pressure (psig) 2062.84 18.31 21.25 1234.48 23.38 42.38 1158.98	Temp (deg F) 113.63 112.99 114.17 115.88 115.31 117.87 118.85 119.20 Gas	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) h(1) low (2) h(2) o-static	Bas Rate (Mcf/d

RILOBITE		RILL STEM TE	SINLIC				
	JIda	ab Oil Company		9-12W-21	S Trego,	,KS	
ESTIN	100	7 Hopew ell Rd		_ Todd Hix	on Road	i #1	
	Hay	vs KS 67601+9443		Job Ticket:	63222	DST#	:4
	AT	TN: Janel Staab	-	Test Start:	2017.06.08	3 @ 05:46:00	
GENERAL INFORMATION	1:						
Formation:ArbuckleDeviated:NoWhipTime Tool Opened:07:21:30Time Test Ended:12:40:30	pstock:	ft (KB)		Test Type: Tester: Unit No:	Conventi Spencer 71	ional Straddle J. Staab	(Reset)
Interval: 4023.00 ft (KB)	)To 4047.00	) ft (KB) (TVD)		Reference	Eevations:		0 ft (KB)
STORESSING AND ADDRESS AND ADDRESS ADDR	t (KB) (TVD)						0 ft (CF)
Hole Diameter: 7.88 in	nchesHole Cond	dition: Fair		r	(B to GR/CF	: 5.0	00 ft
Start Bator	le psig @ 17.06.08 05:46:15	4024.00 ft (KB) End Date: End Time:	2017.06.08 12:40:30	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.0 2017.06.0	00 psig 08
60-FF- 90-FSI-	No Blow Back	uilt from surface to 4 1/4"		PRESS	URE SUM		
60-ISH 60-FF- 90-FSI-	No Blow Back Weak Blow ; Bu -No Blow Back	uilt from surface to 4 1/4"	Time (Min.)	PRESS Pressure Terr (psig) (deg	np Anno	MMARY	
60-ISH 60-FF- 90-FSI- 90-FSI- 1 00000000000000000000000000000000000	No Blow Back Weak Blow ; Bu -No Blow Back	uilt from surface to 4 1/4"	and the second	Pressure Tem	np Anno		
60-ISI-I 60-FF- 90-FSI-	No Blow Back Weak Blow ; Bu- No Blow Back Pressure vs. Time	uilt from surface to 4 1/4"	23 (Min.) 15 15 15 15 15 15 15 15 15	Pressure Tem (psig) (deg	F) Anno F) Gas Rate	es	
60-ISI-I 60-FF- 90-FSI-	No Blow Back Weak Blow; Bu- No Blow Back Pressure vs. Time	uilt from surface to 4 1/4"	23 (Min.) 15 15 15 15 15 15 15 15 15	Pressure Tem (psig) (deg	F) Anno F) Gas Rate	otation	Gas Rate (1
60-ISI-I 60-FF- 90-FSI- 500 500 500 500 500 500 500 500 500 50	No Blow Back Weak Blow ; Bu- No Blow Back Pressure vs. Time Pressure vs. Time Pressu	volume (bbl)	23 (Min.) 15 15 15 15 15 15 15 15 15	Pressure Tem (psig) (deg	F) Anno F) Gas Rate	es	Gas Rate (1
60-ISI-I 60-FF- 90-FSI- 500 700 700 700 700 700 700 700 700 700	No Blow Back Weak Blow ; Bu- No Blow Back Pressure vs. Time Pressure vs. Time Pressu	volume (bbl) 0.15 0.15	23 (Min.) 15 15 15 15 15 15 15 15 15	Pressure Tem (psig) (deg	F) Anno F) Gas Rate	es	Gas Rate (1
60-ISI-I 60-FF- 90-FSI- 500 500 500 500 500 500 500 500 500 50	No Blow Back Weak Blow ; Bu- No Blow Back Pressure vs. Time Pressure vs. Time Pressu	volume (bbl)	23 (Min.) 15 15 15 15 15 15 15 15 15	Pressure Tem (psig) (deg	F) Anno F) Gas Rate	es	Gas Rate (1
60-ISI-I 60-FF- 90-FSI- 500 700 700 700 700 700 700 700 700 700	No Blow Back Weak Blow ; Bu- No Blow Back Pressure vs. Time Pressure vs. Time Pressu	volume (bbl) 0.15 0.15	23 (Min.) 15 15 15 15 15 15 15 15 15	Pressure Tem (psig) (deg	F) Anno F) Gas Rate	es	Gas Rate (1

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RILOBITE		Staab Oil	Company			9-12W-21S Trego	TOOL DIAGRA
FS'	TING , INC	1	- 1470- 147 <b>-</b>				
		1	ew ell Rd 67601+9443			Todd Hixon Roa	d #1
		Tidys NO C	5700115445			Job Ticket: 63222	DST#:4
		ATTN: Janel Staab				Test Start: 2017.06.0	08 @ 05:46:00
Tool Information		-					
Drill Pipe: Length:			3.80 inc	hes Volume:	50.86 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe: Length:		Diameter:		hes Volume:	2.96 bbl	Weight set on Pac	
Drill Collar: Length:	0.00 ft	Diameter:		hes Volume:	0.00 bbl	Weight to Pull Loos	
Drill Pipe Above KB:	26.00 ft	Sec. 18 3	1.1.1.4	otal Volume:	53.82 bbl	Tool Chased	ft
Depth to Top Packer:	4023.00 ft					String Weight: Initi Fin	
Depth to Bottom Packer:	4047.00 ft					1 11 14	ai 72000.00 lb
Interval between Packers:							
Tool Length: Number of Packers:	109.00 ft	D'anala	0.75	No.			
	1	Diameter:	6.75 inc	nes			
Tool Comments:							
Tool Description	Le	ngth (ft) S	erial No.	Position	Depth (ft) Ac	cum. Lengths	
	Le	ngth (ft) S	erial No.	Position	Depth (ft) Ac	cum. Lengths	
Change Over Sub	Le		erial No.	Position	and the second	cum. Lengths	
Change Over Sub Shut In Tool	Le	1.00	erial No.	Position	4004.00	cum. Lengths	
Change Over Sub Shut In Tool Hydraulic tool Packer	Le	1.00 5.00	erial No.	Position	4004.00 4009.00	cum. Lengths	Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer	Le	1.00 5.00 5.00 5.00 4.00	erial No.	Position	4004.00 4009.00 4014.00 4019.00 4023.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb	Le	1.00 5.00 5.00 5.00 4.00 1.00			4004.00 4009.00 4014.00 4019.00 4023.00 4024.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder	Le	1.00 5.00 5.00 5.00 4.00 1.00 0.00	9120	Inside	4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder	Le	1.00 5.00 5.00 4.00 1.00 0.00 0.00			4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00 4024.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations	Le	1.00 5.00 5.00 4.00 1.00 0.00 0.00 19.00	9120	Inside	4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00 4024.00 4024.00		Bottom Of Top Packer
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Recorder Perforations Blank Off Sub	Le	1.00 5.00 5.00 4.00 1.00 0.00 0.00 19.00 1.00	9120	Inside	4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00 4024.00 4043.00 4044.00	20.00	
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub top of s.packer	Le	1.00 5.00 5.00 4.00 1.00 0.00 0.00 19.00 1.00 3.00	9120	Inside Outside	4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00 4024.00 4024.00 4043.00 4044.00 4047.00		Bottom Of Top Packer Tool Interval
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub top of s.packer Packer	Le	1.00 5.00 5.00 4.00 1.00 0.00 0.00 19.00 1.00 3.00 0.00	9120	Inside Outside	4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00 4024.00 4043.00 4043.00 4044.00 4047.00	20.00	
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Recorder Perforations Blank Off Sub top of s.packer Packer Stubb	Le	1.00 5.00 5.00 4.00 1.00 0.00 19.00 1.00 3.00 0.00 1.00	9120	Inside Outside	4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00 4024.00 4043.00 4044.00 4047.00 4047.00 4048.00	20.00	
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub top of s.packer Packer Stubb Change Over Sub	Le	1.00 5.00 5.00 4.00 1.00 0.00 19.00 1.00 3.00 0.00 1.00 1.00	9120 8934	Inside Outside	4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00 4024.00 4024.00 4043.00 4044.00 4047.00 4047.00 4048.00 4049.00	20.00	
Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub top of s.packer Packer Stubb Change Over Sub Recorder	Le	1.00 5.00 5.00 4.00 1.00 0.00 19.00 1.00 1.00 1.00 1.00	9120	Inside Outside	4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00 4024.00 4043.00 4043.00 4044.00 4047.00 4047.00 4049.00	20.00	Tool Interva
Tool Description Change Over Sub Shut In Tool Hydraulic tool Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub top of s.packer Packer Stubb Change Over Sub Recorder Drill Pipe	Le	1.00 5.00 5.00 4.00 1.00 0.00 19.00 1.00 3.00 0.00 1.00 1.00	9120 8934	Inside Outside	4004.00 4009.00 4014.00 4019.00 4023.00 4024.00 4024.00 4024.00 4024.00 4043.00 4044.00 4047.00 4047.00 4048.00 4049.00	20.00	

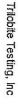
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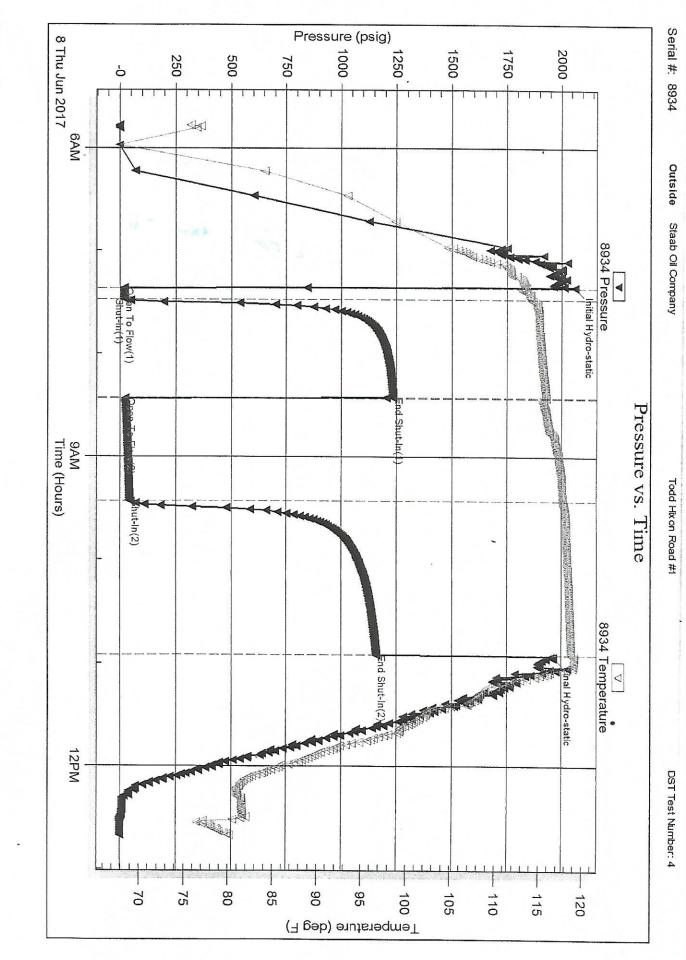
ACTA D	LOBITE	DRI	LL STEM TEST REPOR	Т	FL	
できる	TECTING IN		Oil Company	9-12W-21	S Trego,KS	
TESTING, INC		1607 Hopew ell Rd Hays KS 67601+9443		Todd Hix Job Ticket: 6	on Road #1	ST#:4
		ATTN:	Janel Staab	Test Start: 2	2017.06.08 @ 05:46	5:00
Mud and Cushio	n Information					
Mud Type: Gel Che	m		Cushion Type:		Oil API:	32 deg API
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	56.00 sec/qt		Cushion Volume:	bbl		
Water Loss:	7.59 in <sup>3</sup>		Gas Cushion Type:			
Resistivity:	ohm.m		Gas Cushion Pressure:	psig		
Salinity: 45	00.00 ppm					
Filter Cake:	inches					
Recovery Inform	ation					
			Recovery Table			
		(ig)		1 1/1		
	Leng ft	th	Description	Volume bbl		
		20.00	Description OCM 10%O 90%M		7	
				bbl		
		20.00	OCM 10%O 90%M	bbl 0.14	7	
		20.00 20.00 40.00	OCM 10%O 90%M OCM 20%O 80%M	bbl 0.14 0.14 0.29	7	
	ft	20.00 20.00 40.00 80	OCM 10%O 90%M OCM 20%O 80%M Clean Oil	bbl 0.14 0.14 0.29	7	
	Total Length:	20.00 20.00 40.00 80 bles: 0	OCM 10%O 90%M           OCM 20%O 80%M           Clean Oil           0.00 ft         Total Volume:         0.588 bb	bbl 0.14 0.14 0.29	7	

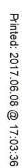
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Trilobite Testing, Inc

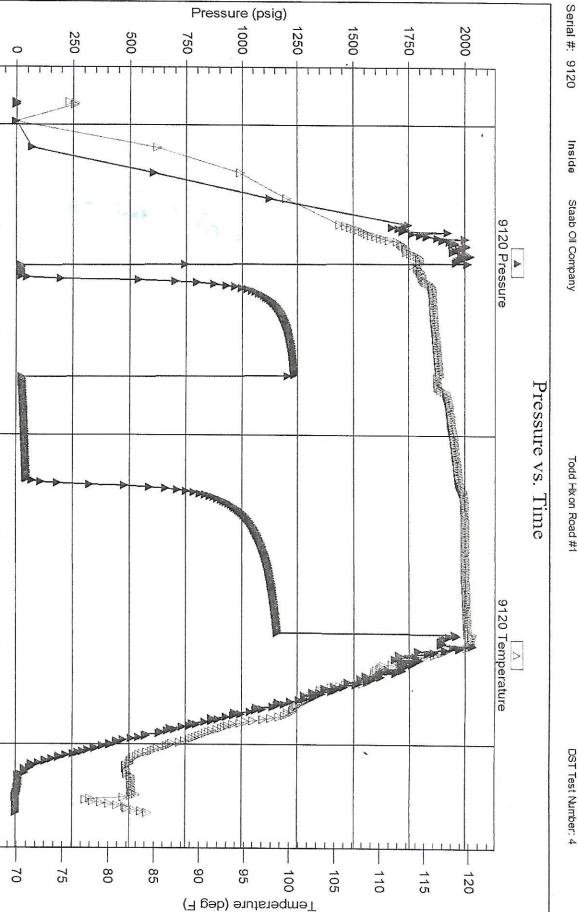
8 Thu Jun 2017

6AM

9AM Time (Hours)

12PM

63222

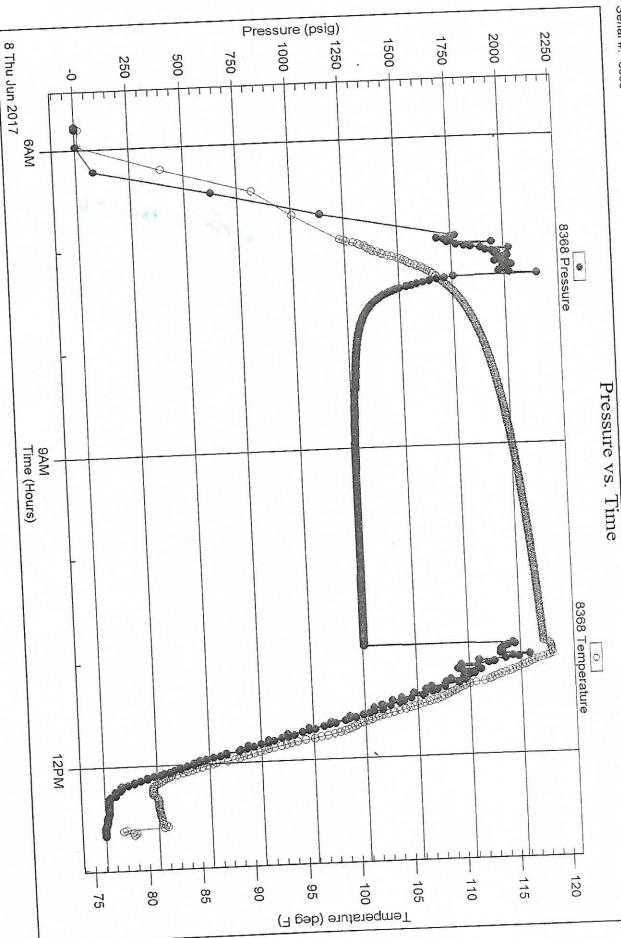


Serial #: 9120



Ref. No: 63222

Printed: 2017.06.08 @ 17:03:36



Serial #: 8368

Below (Stradate)Oll Company