KOLAR Document ID: 1534159

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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:	SecTwpS. REast _ West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xxxxxxxx) (e.gxxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
□ OG □ GSW	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)
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:
EOR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. 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 Approved by: Date:

KOLAR Document ID: 1534159

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.		n.	i donei Al.				

Form	ACO1 - Well Completion		
Operator	RL Investment, LLC		
Well Name	PFEIFER 8		
Doc ID	1534159		

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	23	221	common	3%cc, 2%gel

REMARKS This well ran structurally favorable with the selecence wells. After seview of pertinent information, it was decided this well should be plugged and abandoned.	Topeka 3531 3527 - 1081 Heebnor 3752 3747 - 1301 Toronto 3752 3771 - 1325 Lansing 3787 3782 - 1336 Base Kansas City 4033 4031 - 1585 Ft Scott 4151 4148 - 1702 Ft Scott 4320 4325 - 1779 Total Depth 4320 4318 - 1872 NRI Towestment IIC Pfeifer #2 1540 FNK4 330 B RI Investment IIC Pfeifer #2 1720 FNK4 330 B RI Investment IIC Pfeifer #2 1720 FNK4 330 B RI Investment IIC Pfeifer #2 1720 FNK4 330	FORMATION TOPS AND STRUCTURAL FORMATION SAMPLE E. LOG DATUM Anhydrite 2090 2086 + 360 BaseAnhydrite 2127 2123 + 323	LOCATION 2170 FMX * CHO FELL SEC_36 TWSP_105 RGE 25 W COUNTY Graham STATE Kansas CONTRACTOR 5TP Drlg 16 Rig # 1 SPUD_5-28-20 COMP_6-5-20 SAMPLES SAVED FROM_3510 TO 8720	FIELD Struss Northwest	APT # 15-065-24186-00-00 GEOLOGICAL R DRILLING TIME AND SAMI COMPANY BL Investment, 12C
	-1303-1301 -1324-1322 -1324-1322 -1323-1337 -1323-1337 -1223-1284 -1223-1284 -1223-1284 -1223-1284 REMARKS	POSITION POSITION	Depths Measured From Log 18 Drilling 18 Surface 8 98 221 Production None ELECTRIC LOGS	2444	ELEVATION Ther review of
					1 & Bell -5-20
	Anhydrite Salt Sar DRILLING TIME IN MINUTES PER FOOT			Chert OF	Dolomite
			SAMPLE DESCRIPTIONS	SWOH	REMARKS
	-cosn	2100 1111 1311 1311 1111 1111 1111 1111 1			
	J - Cann - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	2030			
		3450			
			chiarythrn		
		3500	Ls:tn-gry fs/f dns Ks:tn-gry mt/d fs/f dns N,s.e.		Samples are lagged - good Samples -
	-conn Taneka A Mg 3427	40	15: whitn-ht. gryfslf 15: whitn-ht. gryfslf		
	-Comm	60	23: gry mild fs/f dus NS.O.		
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	•		- -
	Conn	20	L54 & aa-		-
	conn	\$25555 \$45554 \$55551 \$45551 \$45551	inpart & NSO. Shigy		
	-conn	80	shigry		-
	Canx	3700	15: whith fish das 2 to-or-ger S.D. 15:to-Lt. gry fx/n das N.S.O.		
	-cann	40	15: whith cky fxln ppp. 51: Vgyg Xwhins.0. 15: tn-fslf dns NS-9-		_
And the second s	Conn Tarax to 3777	60	Ship: gry-L+-grn		_
And the second s		A			D5T#1 3808 3845 30-45-30-45 Itiwkblowincr to 1/4"
And the state of t	C.E.S. C.	B	15: Wh-tn fxln ool ppd-	V	FF: wk blow increto FSI: Na blow Recovery: 63' Total I'GMICO 27.9,95%,0, gravity 31.8° 62'0+wcm 5%,0, 35%, W, 60%, M Hyd: 1861-1825# FD-14-30/33=44#
And I will be a served of the	Short Wife C. Jr. S	60	15= wh-th fxln dns		BHP: 523-3624 BHTemp: 110°F.
See Assessment State Control of State Co		80 F	LS: Whatn slicky-fxln isolated rugs w/o str N.T.O. V ft odor 15: whatn slicky-fxln	•	
The state of the s	1		Shiblk Carb		IF: wk blow incr. to 1/4" FF: No blow Recovery: 5' OCM 27.0, 987. M HW:1945-1926#
Selection Story Selection Story Selection Story Selection Selectio			1. st. dor 1. st. dor 1. st. dh. ht. gay fxln dns	<i>V</i>	BHP: 33-29# BHTemp: 111°F. Board 3963.25 - Strap 3961.62 Diff 1.63 -
## ## ## ## ## ## ## ## ## ## ## ## ##	3	80	Shigry + brnsty Ls:whth slicky-fxln		IF: WK blow incr. to 3"4 ISI: No blow FF: wk blow incr. to 2"- FSI: No blow Recovery: 135 Tetal 13' OCM 27.0, 98% M 122' WM /Trace 0:1 UTZW. 532 M
Singretore Singre	C.F.S.	4000 K		V	HYD: 1955-1940# _
Associated as the self desired as the self des	Conn Base hansas C. Hy	40	15: whith fain to sli falf das N-5-0. Shiggy + bra		
Assembly Colonian Maria State of the State o	-Conn	60	ingran D N.S.O. LS:Whitnfxln-sli.fslf ans NS.O.		
20	-conn	4100	Ls:tn-Lt.gry faln dns		- -
### ### ##############################	-cohn	20	Ls: yel folf das N.S.O. Ls: whoto fall das N.S.O.		
# 200 Shi deh gry + 6 k	Pawnee, conn. 700 4178	40	Shigry & brn. Ls:+n fxln dns N.S.O.		-
5h: dit gry + blk 5h: dit gry + brn 5h: gry + brn	-cam	141	LS:tn-gry fx/n dns Tro In LS:tn-brn fx/ndns		
25 whith the of ppt Trigg input of the state	T		Shidrk gry + blk		30-60-30-60 Tillwk blow incr. to /" TSI: No blow FSI: No blow Recovery: 45'0C m 20%, 0, 89% m Hyd: 2131-2109# FP: 18-25/27-28#
15:wh. to fich dos NSQ 36: gry4 brn 15:wh. to fich dos NSQ 36: gry4 brn 15:wh. to fich dos NSQ 16:gry4 bro 16:me @ 4320 2/2 17:meline @ 4320 2/2 17:meline @ 4320 2/2 17:wh. to fich dos NSQ 16:gry4 bro 17:wh. to fich dos NSQ 17:wh. to fich dos NSQ 16:gry4 bro 17:wh. to fich dos NSQ 17:wh. to fich dos NSQ 18:gry4 bro 10:wh. to fich dos NSQ 10:wh. t	-cann 3	40	25: wh-tn fxln dns	V	BHTEMP: 115°F
4300 4300 56: gry4 brow Incline @4320' 2½ 3h: gry + brow Incline @4320' 2½	Y Conn		15: whitn fx In das NS.Q	V?	rocks look fresh and shew appeared— in 20 min circ sample —
	-Senn	4300	Ls: whitn-yel fold das Sh: grydbyn		Incline (24220' 2/0
		20	Shigry + brn		
					- ·
					_



RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8

Job Ticket: 66499

DST#: 1

ATTN: Richard Bell

Test Start: 2020.06.01 @ 13:23:00

GENERAL INFORMATION:

Formation: LKC "A - B"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:18:15

Time Test Ended: 19:33:15

Interval: 3808.00 ft (KB) To 3845.00 ft (KB) (TVD)

Total Depth: 3845.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair Test Type: Conventional Bottom Hole (Initial)

83

James Winder

Unit No:

Tester:

Reference Elevations:

2446.00 ft (KB) 2439.00 ft (CF)

KB to GR/CF: 7.00 ft

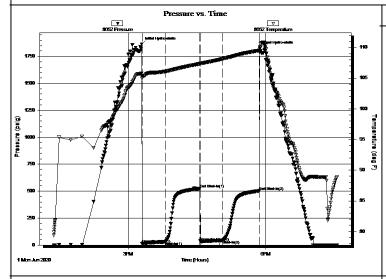
Serial #: 8652 Outside

Press@RunDepth: 3809.00 ft (KB) Capacity: 43.95 psig @ 8000.00 psig

Start Date: 2020.06.01 End Date: 2020.06.01 Last Calib.: 2020.06.01 Start Time: 13:23:05 End Time: 19:33:14 Time On Btm: 2020.06.01 @ 15:18:00 Time Off Btm: 2020.06.01 @ 17:52:15

TEST COMMENT: 30 - IF: Blow built to 1 1/4"

45 - ISI: No blow back 30 - FF: Blow built to 1" 45 - FSI: No blow back



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1860.96	105.80	Initial Hydro-static
1	14.27	104.96	Open To Flow (1)
31	30.11	106.10	Shut-In(1)
76	522.96	107.34	End Shut-In(1)
77	33.17	107.37	Open To Flow (2)
106	43.95	108.16	Shut-In(2)
154	502.39	109.50	End Shut-In(2)
155	1824.85	110.08	Final Hydro-static
			-

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SO/WCM 60%m, 35%w, 5%o	0.30
1.00	Oil 95%o, 3%m, 2%g	0.00

Gas Raies				
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)		

Trilobite Testing, Inc. Ref. No: 66499 Printed: 2020.06.01 @ 20:31:50



RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642

Pfeifer #8

Job Ticket: 66499 DST#: 1

ATTN: Richard Bell

Test Start: 2020.06.01 @ 13:23:00

GENERAL INFORMATION:

Formation: LKC "A - B"

Deviated: Test Type: Conventional Bottom Hole (Initial) No Whipstock: ft (KB)

Time Tool Opened: 15:18:15 Tester: James Winder 83

Time Test Ended: 19:33:15 Unit No:

Interval: 3808.00 ft (KB) To 3845.00 ft (KB) (TVD) Reference Elevations: 2446.00 ft (KB)

Total Depth: 3845.00 ft (KB) (TVD) 2439.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 6625 Inside

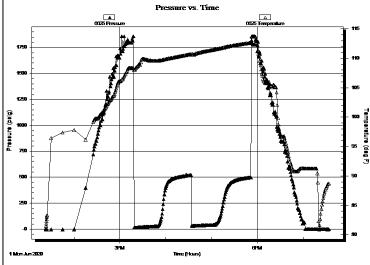
Press@RunDepth: 3809.00 ft (KB) Capacity: 8000.00 psig psig @

Start Date: 2020.06.01 End Date: 2020.06.01 Last Calib.: 2020.06.01

Start Time: 13:23:05 End Time: Time On Btm: 19:33:29 Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to 1 1/4"

45 - ISI: No blow back 30 - FF: Blow built to 1" 45 - FSI: No blow back



Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
(
9				

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SO/WCM 60%m, 35%w, 5%o	0.30
1.00	Oil 95%o, 3%m, 2%g	0.00

Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 66499 Printed: 2020.06.01 @ 20:31:50



FLUID SUMMARY

RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8

Job Ticket: 66499

DST#: 1

ATTN: Richard Bell

Test Start: 2020.06.01 @ 13:23:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:31.8 deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:19500 ppm

Mud Weight:9.00 lb/galCushion Length:ftViscosity:57.00 sec/qtCushion Volume:bbl

8.78 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2000.00 ppm Filter Cake: 1.00 inches

Water Loss:

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	SO/WCM 60%m, 35%w, 5%o	0.305
1.00	Oil 95%o, 3%m, 2%g	0.005

Total Length: 63.00 ft Total Volume: 0.310 bbl

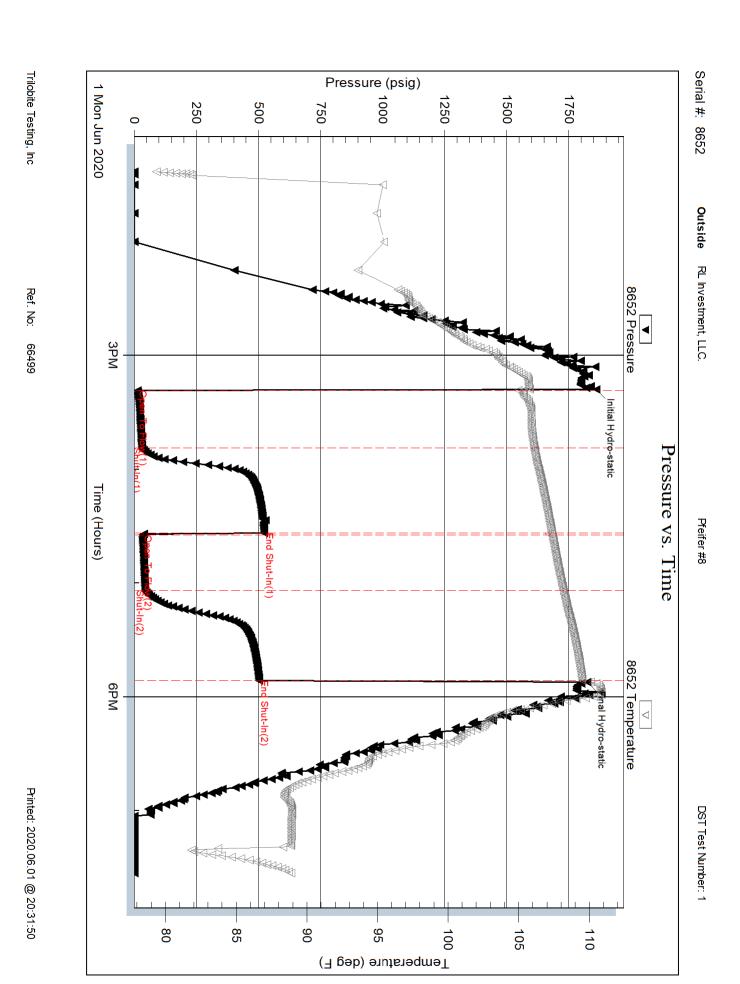
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

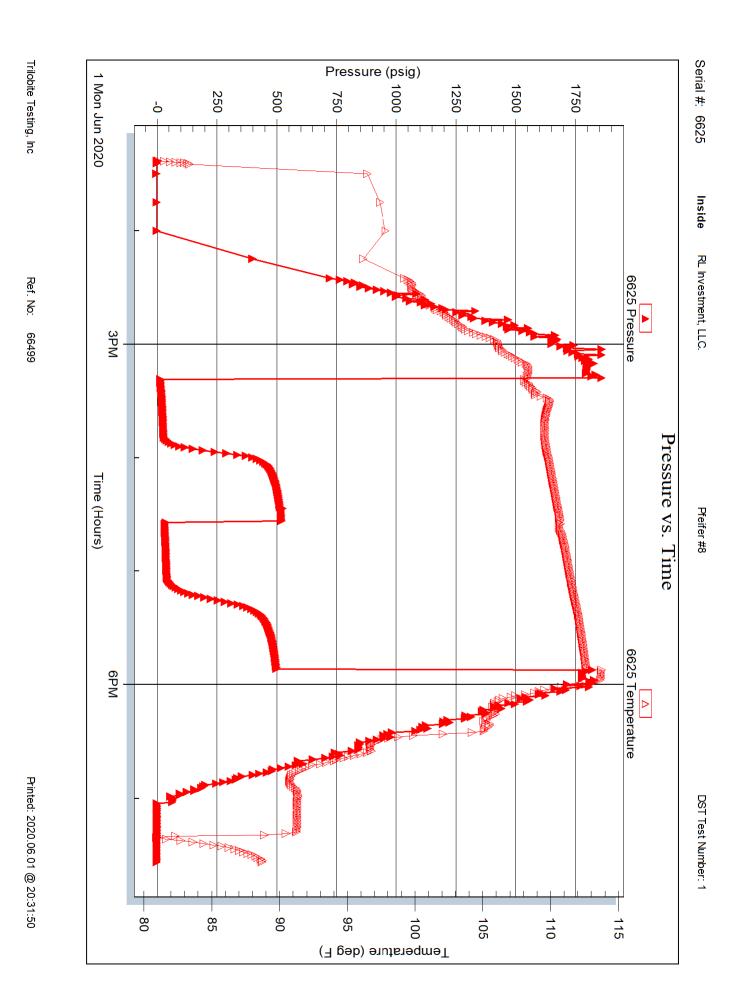
Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 34.6 api @ 88 deg F Corrected Gravity = 31.8 api

RW = .275 ohms @ 87.4 deg F Chlorides = 19,500 ppm

Trilobite Testing, Inc Ref. No: 66499 Printed: 2020.06.01 @ 20:31:50







RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8
Job Ticket: 66500

DST#: 2

ATTN: Richard Bell

Test Start: 2020.06.02 @ 07:35:00

GENERAL INFORMATION:

Formation: LKC "H"

Deviated: No Whipstock: ft (KB)

t (KB) Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder

Time Tool Opened: 09:20:00 Tester: James Winder
Time Test Ended: 13:07:30 Unit No: 83

Interval: 3914.00 ft (KB) To 3942.00 ft (KB) (TVD) Reference Elevations: 2446.00 ft (KB)

Total Depth: 3942.00 ft (KB) (TVD) 2439.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8652 Outside

Press@RunDepth: 19.13 psig @ 3915.00 ft (KB) Capacity: 8000.00 psig

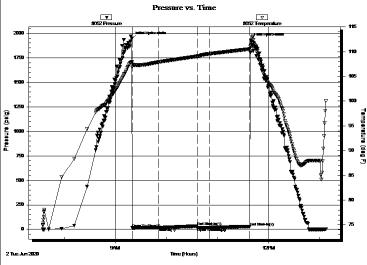
 Start Date:
 2020.06.02
 End Date:
 2020.06.02
 Last Calib.:
 2020.06.02

 Start Time:
 07:35:05
 End Time:
 13:07:29
 Time On Btm:
 2020.06.02 @ 09:19:45

 Time Off Btm:
 2020.06.02 @ 11:39:00

TEST COMMENT: 30 - IF: Blow built to 1/4"

45 - ISI: No blow back 15 - FF: No blow 45 - FSI: No blow



PRESSURE SUMMARY				
1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1945.04	107.88	Initial Hydro-static
	1	14.57	106.82	Open To Flow (1)
	32	17.40	107.90	Shut-In(1)
	77	33.37	109.04	End Shut-In(1)
	77	18.72	109.06	Open To Flow (2)
	91	19.13	109.56	Shut-In(2)
	139	28.82	110.53	End Shut-In(2)
,	140	1926.48	111.30	Final Hydro-static

DDECCLIDE CLIMMADY

Recovery

Length (ft)	Description	Volume (bbl)		
5.00	Mud w/Oil spots 98%m, 2%o	0.02		
* Recovery from multiple tests				

Gas Rates				
	Choke (inches)	Pressure (nsig)	Gas Rate (Mcf/d)	

Trilobite Testing, Inc Ref. No: 66500 Printed: 2020.06.02 @ 13:40:15



RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642

Job Ticket: 66500

Reference Elevations:

Pfeifer #8

Tester:

DST#: 2

ATTN: Richard Bell

Test Start: 2020.06.02 @ 07:35:00

GENERAL INFORMATION:

Formation: LKC "H"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:20:00 Time Test Ended: 13:07:30

Unit No: 83

Interval: 3914.00 ft (KB) To 3942.00 ft (KB) (TVD) Total Depth: 3942.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

2446.00 ft (KB)

2439.00 ft (CF)

Test Type: Conventional Bottom Hole (Reset)

James Winder

Serial #: 6625 Inside

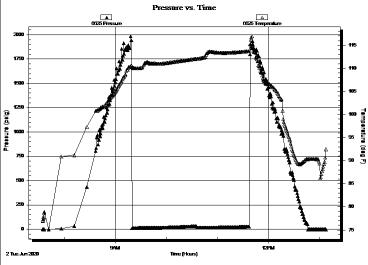
Press@RunDepth: 3915.00 ft (KB) Capacity: 8000.00 psig psig @

Start Date: 2020.06.02 End Date: 2020.06.02 Last Calib.: 2020.06.02

Start Time: 07:35:05 End Time: 13:07:59 Time On Btm: Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to 1/4"

45 - ISI: No blow back 15 - FF: No blow 45 - FSI: No blow



PRESSURE S	UMMARY
------------	--------

Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
e e				
mpere				
Temperature (deg F)				
ā				

Recovery

Length (ft)	ength (ft) Description				
5.00	Mud w /Oil spots 98%m, 2%o	0.02			
* Recovery from mu	* Recovery from multiple tests				

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 66500 Printed: 2020.06.02 @ 13:40:15



FLUID SUMMARY

RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8

Job Ticket: 66500

Serial #:

DST#: 2

ATTN: Richard Bell

Test Start: 2020.06.02 @ 07:35:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 52.00 sec/qt Cushion Volume: bbl

9.19 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Water Loss:

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w /Oil spots 98%m, 2%o	0.025

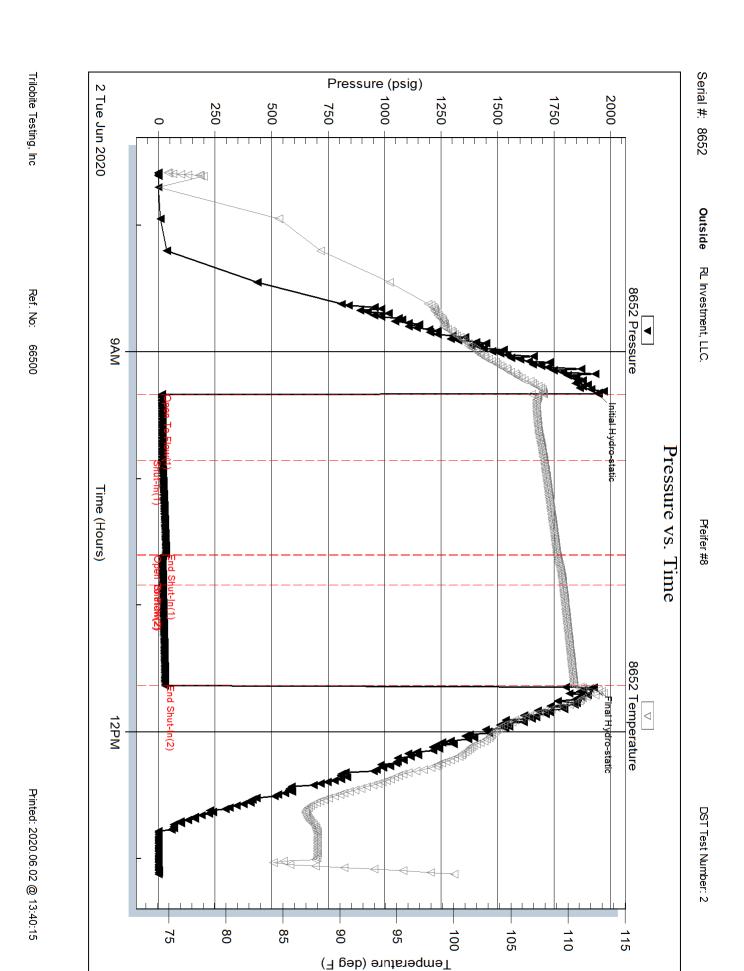
Total Length: 5.00 ft Total Volume: 0.025 bbl

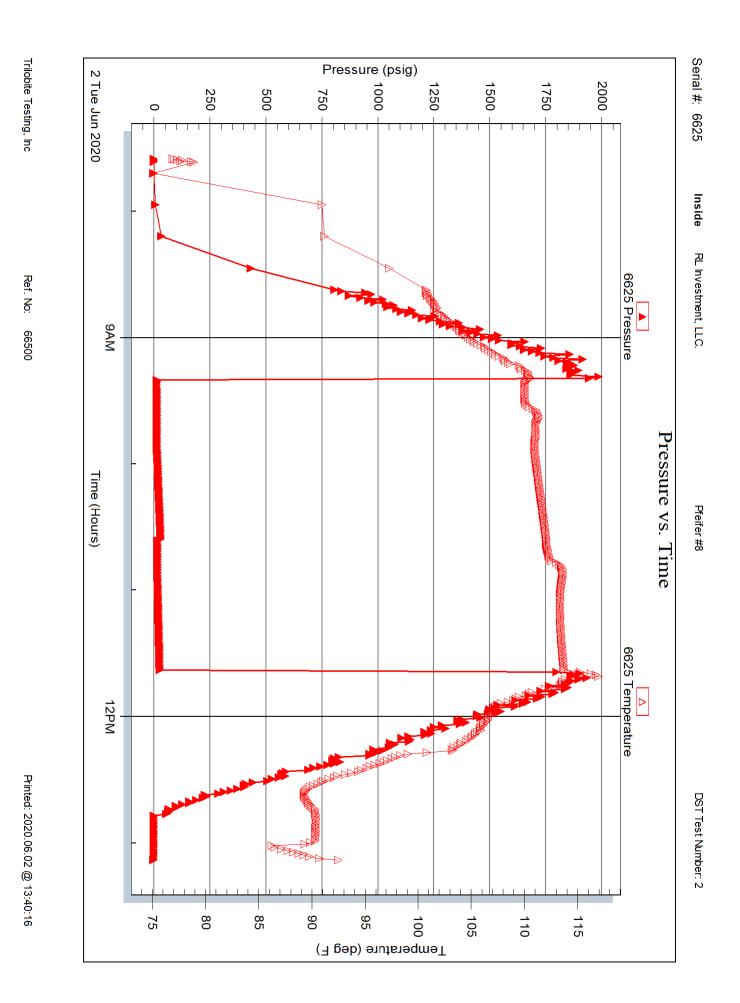
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 66500 Printed: 2020.06.02 @ 13:40:15







RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8 Job Ticket: 66501

DST#: 3

ATTN: Richard Bell

Test Start: 2020.06.02 @ 22:33:00

GENERAL INFORMATION:

LKC "I - K" Formation:

Deviated: Test Type: Conventional Bottom Hole (Reset) No Whipstock: ft (KB)

Time Tool Opened: 00:31:00 Time Test Ended: 05:12:45

Tester:

James Winder

Unit No: 83

Interval:

3946.00 ft (KB) To 4008.00 ft (KB) (TVD) Reference Elevations:

2446.00 ft (KB) 2439.00 ft (CF)

Total Depth: 408.00 ft (KB) (TVD)

KB to GR/CF: 7.00 ft

Hole Diameter: 7.88 inches Hole Condition: Fair

Serial #: 8652 Press@RunDepth: Outside

75.29 psig @

3947.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: 2020.06.02 Start Time: 22:33:05

End Date: 2020.06.03 End Time: 05:12:44

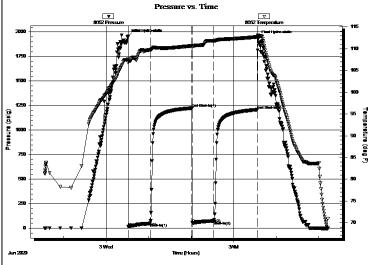
Time On Btm:

2020.06.03 2020.06.03 @ 00:30:45

Time Off Btm: 2020.06.03 @ 03:34:15

TEST COMMENT: 30 - IF: Blow built to 3 1/4"

60 - ISI: No blow back 30 - FF: Blow built to 2" 60 - FSI: No blow back



PRESSURE SUMMARY					
	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	1954.67	107.68	Initial Hydro-static	
	1	15.60	106.79	Open To Flow (1)	
	31	50.41	109.75	Shut-In(1)	
	90	1224.29	110.66	End Shut-In(1)	
	91	54.59	110.35	Open To Flow (2)	
	121	75.29	111.81	Shut-In(2)	
,	183	1208.41	112.72	End Shut-In(2)	
9	184	1939.68	113.11	Final Hydro-static	

Recovery

Length (ft) Description		Volume (bbl)
122.00	WM w /trace of oil 53%m, 47%w	0.60
13.00	Mud w /oil spots 98%m, 2%o	0.18
* Recovery from mult	tiple tests	

Gas Rates		
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 66501 Printed: 2020.06.03 @ 07:01:54



RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8

Tester:

Job Ticket: 66501

DST#: 3

ATTN: Richard Bell

Test Start: 2020.06.02 @ 22:33:00

James Winder

83

GENERAL INFORMATION:

Formation: LKC "I - K"

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 00:31:00

Time Test Ended: 05:12:45 Unit No:

 Interval:
 3946.00 ft (KB) To
 4008.00 ft (KB) (TVD)
 Reference Elevations:
 2446.00 ft (KB)

Total Depth: 408.00 ft (KB) (TVD) 2439.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 6625 Inside

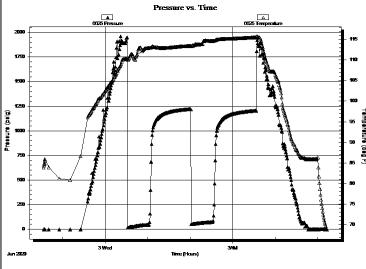
 Press@RunDepth:
 psig
 @
 3947.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2020.06.02 End Date: 2020.06.03 Last Calib.: 2020.06.03

Start Time: 22:33:05 End Time: 05:13:14 Time On Btm: Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to 3 1/4"

60 - ISI: No blow back 30 - FF: Blow built to 2" 60 - FSI: No blow back



Ы	RESSU	RE	SUMMARY	<u> </u>

-	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	/ timotation
	(101111.)	(psig)	(deg r)	
=				
Ē				
Temperature (deg F)				
2				
5				
_				

Recovery

Length (ft)	Description	Volume (bbl)			
122.00	WM w /trace of oil 53%m, 47%w	0.60			
13.00	Mud w /oil spots 98%m, 2%o	0.18			
* Recovery from mul	* Recovery from multiple tests				

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 66501 Printed: 2020.06.03 @ 07:01:54



FLUID SUMMARY

RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8

Job Ticket: 66501

DST#: 3

ATTN: Richard Bell

Test Start: 2020.06.02 @ 22:33:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 29000 ppm

Viscosity: 52.00 sec/qt Cushion Volume: bbl

Water Loss: 9.18 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	WMw/trace of oil 53%m, 47%w	0.600
13.00	Mud w /oil spots 98%m, 2%o	0.182

Total Length: 135.00 ft Total Volume: 0.782 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .250 ohms @ 68.8 deg F Chlorides = 29,000 ppm

Trilobite Testing, Inc Ref. No: 66501 Printed: 2020.06.03 @ 07:01:55

90

Temperature (deg F)

95

100

105

85

110

115

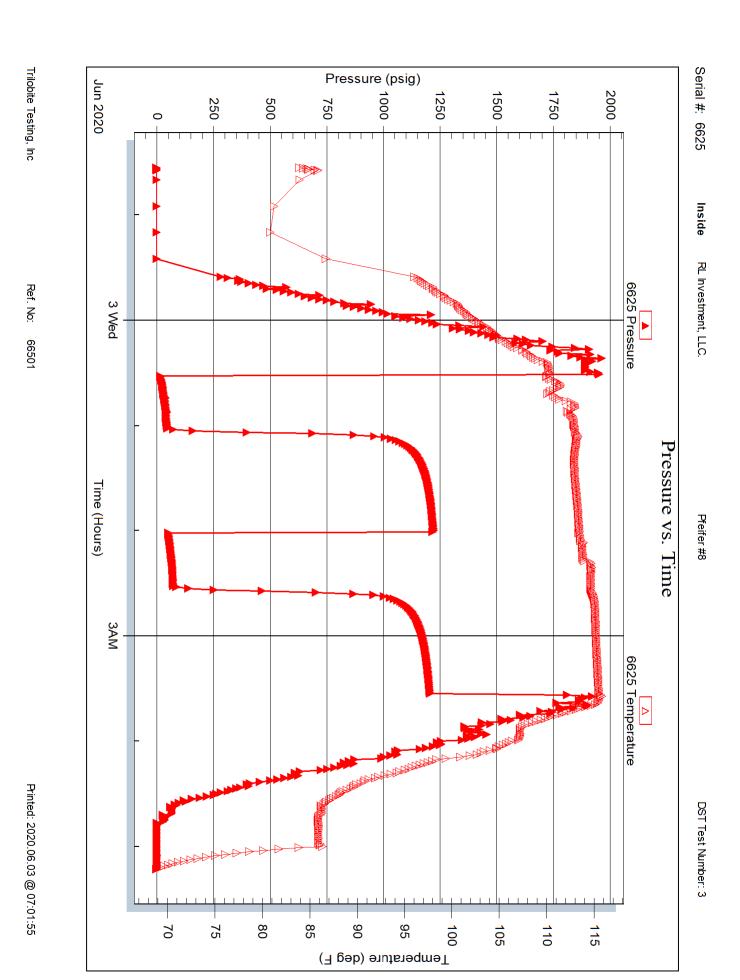
70

75

80

Trilobite Testing, Inc

Ref. No:





RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8

Job Ticket: 66502

Unit No:

DST#: 4

ATTN: Richard Bell

Test Start: 2020.06.04 @ 05:55:00

GENERAL INFORMATION:

Formation: Ft. Scott - Cherokee

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 07:52:15 Time Test Ended: 12:32:15

Interval:

4202.00 ft (KB) To 4270.00 ft (KB) (TVD)

Total Depth: 4270.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Tester: James Winder

Reference Elevations: 2446.00 ft (KB)

83

2439.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8652 Outside

 Press@RunDepth:
 27.56 psig @ 4203.00 ft (KB)
 Capacity:
 8000.00 psig

Time

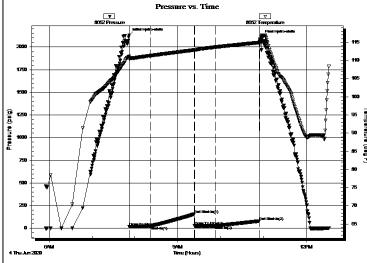
 Start Date:
 2020.06.04
 End Date:
 2020.06.04
 Last Calib.:
 2020.06.04

 Start Time:
 05:55:05
 End Time:
 12:32:14
 Time On Btm:
 2020.06.04 @ 07:52:00

 Time Off Btm:
 2020.06.04 @ 10:57:30

TEST COMMENT: 30 - IF: Blow built to 1"

60 - ISI: No blow back 30 - FF: No blow 60 - FSI: No blow



	(Min.)	(psig)	(deg F)	
	0	2130.71	111.16	Initial Hydro-static
	1	18.15	110.36	Open To Flow (1)
	31	25.11	111.31	Shut-In(1)
7	91	155.43	112.85	End Shut-In(1)
edme	92	26.92	112.87	Open To Flow (2)
mpereture	121	27.56	113.65	Shut-In(2)
(d eg	183	80.25	114.90	End Shut-In(2)
3	186	2108.70	116.62	Final Hydro-static
			ı	

PRESSURE SUMMARY

Pressure Temp Annotation

Recovery

Length (ft)	Description	Volume (bbl)		
45.00	OCM 80%m, 20%o	0.22		
* Recovery from multiple tests				

Gas Rat		
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 66502 Printed: 2020.06.04 @ 13:47:18



RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8

Tester:

Job Ticket: 66502

Reference Elevations:

DST#:4

ATTN: Richard Bell

Test Start: 2020.06.04 @ 05:55:00

GENERAL INFORMATION:

Formation: Ft. Scott - Cherokee

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 07:52:15 Time Test Ended: 12:32:15

Interval: 4202.00 ft (KB) To 4270.00 ft (KB) (TVD)

Total Depth: 4270.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Unit No: 83

James Winder

2446.00 ft (KB) 2439.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6625 Inside

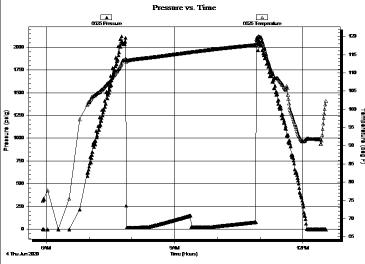
 Press@RunDepth:
 psig
 @
 4203.00 ft (KB)
 Capacity:
 8000.00 psig

 Start Date:
 2020.06.04
 End Date:
 2020.06.04
 Last Calib.:
 2020.06.04

Start Time: 05:55:05 End Time: 12:32:44 Time On Btm: Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to 1"

60 - ISI: No blow back 30 - FF: No blow 60 - FSI: No blow



PRESSURE SUMMARY

1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
3				
T T				
Temperature (deg F)				
(deg				
_				

Recovery

Length (ft)	Description	Volume (bbl)		
45.00	OCM 80%m, 20%o	0.22		
* Recovery from mu	* Recovery from multiple tests			

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 66502 Printed: 2020.06.04 @ 13:47:18



FLUID SUMMARY

RL Investment, LLC.

36/10s/25w Graham KS

2777 US HWY 24 Hill City, KS 67642 Pfeifer #8

Job Ticket: 66502

Serial #:

DST#: 4

ATTN: Richard Bell

Test Start: 2020.06.04 @ 05:55:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight: 9.00 lb/gal Cushion Length: ft
Viscosity: 62.00 sec/qt Cushion Volume: bbl

Water Loss: 9.99 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 3000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	OCM 80%m, 20%o	0.221

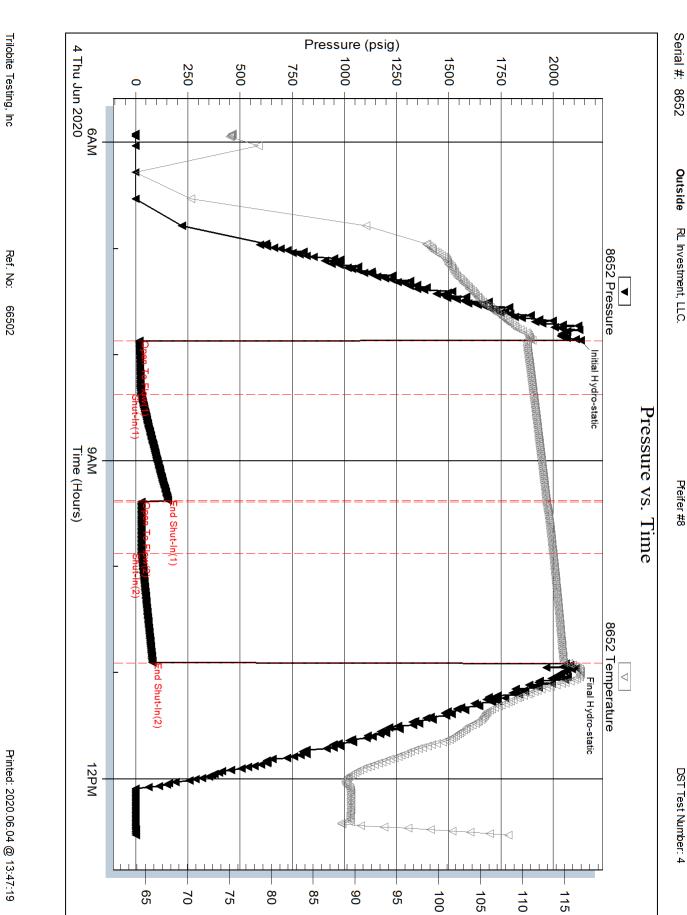
Total Length: 45.00 ft Total Volume: 0.221 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

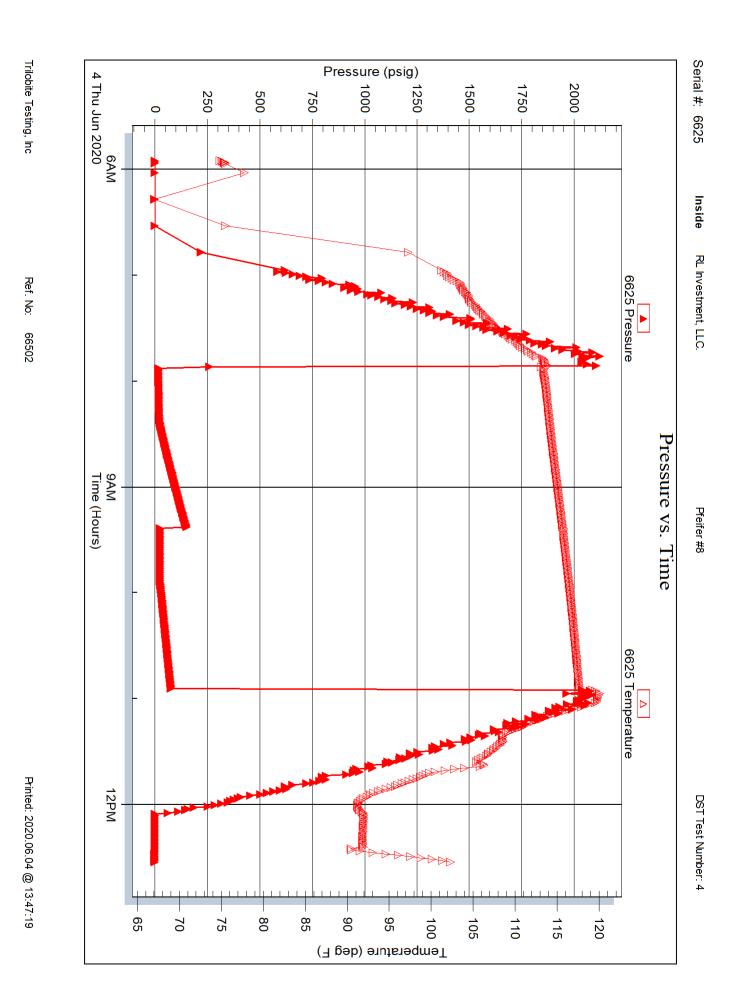
Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 66502 Printed: 2020.06.04 @ 13:47:19



Temperature (deg F)



FRANKS Oilfie Jervice

- ♦ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
- ♦ Office Phone (785) 639-3949
- ♦ Email: franksoilfield@yahoo.com

TICKET NUMBER	01/0
LOCATION Hoxix	115
FOREMAN Miles	Shou

FIELD TICKET & TREATMENT REPORT

			CEMEN.	Т			115
DATE	CUSTOMER#	WELL NAME & NUME	BER	SECTION.	TOWNSHIP	RANGE	COUNTY
U/5/80		Stres NW #	8	36	105	25W	Graham
CUSTOMER R	L Invosta	nents Prest_		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE				10%	Preston D Mites S		
CITY		STATE ZIP CODE					
JOB TYPE	14	HOLE SIZE 7 1/5"	HOLE DEPTH	4320	CASING SIZE & WI	EIGHT	
CASING DEPTH		DRILL PIPE 4,51	_TUBING			OTHER	
SLURRY WEIGH	Т	SLURRY VOL	WATER gal/sk	(CEMENT LEFT in C	CASING	
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y who s	102× @	40' W/phig	240	15x 6	40 485al	74 th	
RA 30	51						
ACCOUNT			~				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPT
000		PUMP CHARGE
MODI	75 10:68 TONS 240 SX	MILEAGE
MO02	10:68 JONS	Ton Mhas
CBMO	240 5€	60/40 48 cm
TE054	1	85/8 "Wood
7		
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I acknowledge that the payment terms, unless specifically amended in w office, and conditions of service on the back of this form are in effect for

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor

Susan K. Duffy, Chair Dwight D. Keen, Commissioner Andrew J. French, Commissioner

October 23, 2020

Ryan Pfeifer RL Investment, LLC 2777 US HWY 24 HILL CITY, KS 67642-2800

Re: ACO-1 API 15-065-24186-00-00 PFEIFER 8 NE/4 Sec.36-10S-25W Graham County, Kansas

Dear Ryan Pfeifer:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 5/28/2020 and the ACO-1 was received on October 23, 2020 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

FRANKS Oilfield Service

- ♦ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269

 - ♦ Email: franksoilfield@yahoo.com

TICKET NUMBER	0165
LOCATION HOLLES	
FOREMAN MILES	Shaw

DRIVER

♦ Office Phone (785) 639-3949

FIELD	TICKET	& TREATMENT	REPORT				
CEMENT							

		FIE	LD TICKE I	CEMENT	IVIENT REP	ON1		
DATE	CUSTOMER #	WELL NAME & NUMBER			SECTION .	TOWNSHIP	RANGE	
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MAILING ADDR	estments			1 1	101	LdyH		
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JOB TYPE \underline{S}	Urlais	HOLE SIZE_					OTHER	
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A O O O UNIT					4 OFDVICES or DI	-		
ACCOUNT CODE	QUANTI	TY or UNITS		DESCRIPTION	of SERVICES or PF			
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mad	2	5	MILEAGE					
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(Booy		16052	Sarta	shad	8			

AUTHORIZATION_

I acknowledge that the payment terms, unless specifically amended in writing on the office, and conditions of service on the back of this form are in effect for services to