

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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DRILL STEM TEST REPORT

Prepared For: **Jaspar Co.**

P.O. Box 1120
Hays, KS. 67601

ATTN: Cameron Brin

Larry #2

20-9s-19w Rooks,KS

Start Date: 2022.04.17 @ 23:23:42

End Date: 2022.04.18 @ 06:57:42

Job Ticket #: 67921 DST #: 1

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

Printed: 2022.04.20 @ 16:01:03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Jaspar Co.
P.O. Box 1120
Hays, KS. 67601
ATTN: Cameron Brin

20-9s-19w Rooks,KS
Larry #2
Job Ticket: 67921 **DST#: 1**
Test Start: 2022.04.17 @ 23:23:42

GENERAL INFORMATION:

Formation: **Toronto - LKC A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:25:57
 Time Test Ended: 06:57:42
 Interval: **3334.00 ft (KB) To 3405.00 ft (KB) (TVD)**
 Total Depth: 3405.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Matt Smith
 Unit No: 68
 Reference Elevations: 2174.00 ft (KB)
 2167.00 ft (CF)
 KB to GR/CF: 7.00 ft

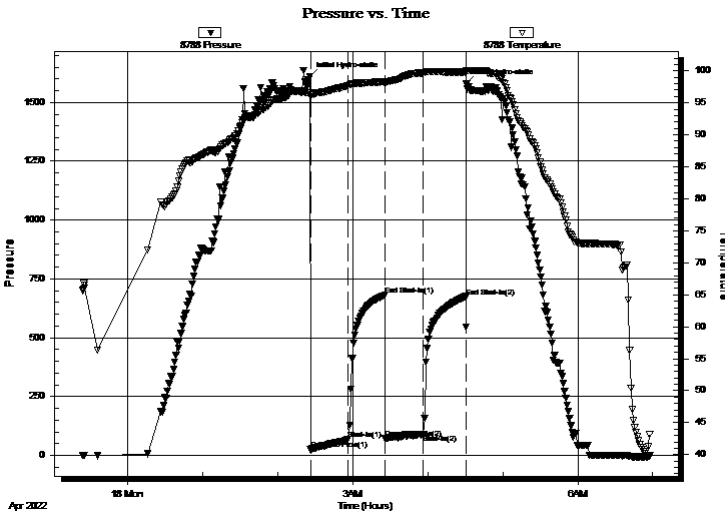
Serial #: 8788

Inside

Press@RunDepth: 90.95 psig @ 3335.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.04.17 End Date: 2022.04.18 Last Calib.: 2022.04.18
 Start Time: 23:23:47 End Time: 06:57:41 Time On Btm: 2022.04.18 @ 02:25:27
 Time Off Btm: 2022.04.18 @ 04:30:57

TEST COMMENT: IF: Weak-Fair Blow . Built to 5.05". (30)
 IS: No Blow . (30)
 FF: Weak Blow . Built to 2.96". (30)
 FS: No Blow . (30)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1609.24	96.65	Initial Hydro-static
1	24.25	95.99	Open To Flow (1)
31	67.00	97.73	Shut-In(1)
60	680.52	98.31	End Shut-In(1)
61	72.57	97.96	Open To Flow (2)
91	90.95	99.70	Shut-In(2)
125	674.72	99.82	End Shut-In(2)
126	1580.41	100.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
148.00	OSM 100% m	1.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Jaspar Co.
P.O. Box 1120
Hays, KS. 67601
ATTN: Cameron Brin

20-9s-19w Rooks,KS
Larry #2
Job Ticket: 67921 **DST#: 1**
Test Start: 2022.04.17 @ 23:23:42

Tool Information

Drill Pipe:	Length: 3220.00 ft	Diameter: 3.80 inches	Volume: 45.17 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.80 inches	Volume: 0.90 bbl	Weight to Pull Loose:	52000.00 lb
			<u>Total Volume: 46.07 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3334.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	71.00 ft				
Tool Length:	97.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3309.00	
Shut In Tool	5.00			3314.00	
Hydraulic tool	5.00			3319.00	
EMT	3.00			3322.00	
Safety Joint	3.00			3325.00	
Packer	4.00			3329.00	26.00 Bottom Of Top Packer
Packer	5.00			3334.00	
Stubb	1.00			3335.00	
Recorder	0.00	8788	Inside	3335.00	
Recorder	0.00	8737	Outside	3335.00	
Perforations	1.00			3336.00	
Change Over Sub	1.00			3337.00	
Blank Spacing	62.00			3399.00	
Change Over Sub	1.00			3400.00	
Perforations	2.00			3402.00	
Bullnose	3.00			3405.00	71.00 Bottom Packers & Anchor
Total Tool Length:	97.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jaspar Co.

20-9s-19w Rooks,KS

P.O. Box 1120
Hays, KS. 67601

Larry #2

Job Ticket: 67921

DST#: 1

ATTN: Cameron Brin

Test Start: 2022.04.17 @ 23:23:42

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:

1000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
148.00	OSM 100% m	1.320

Total Length: 148.00 ft Total Volume: 1.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

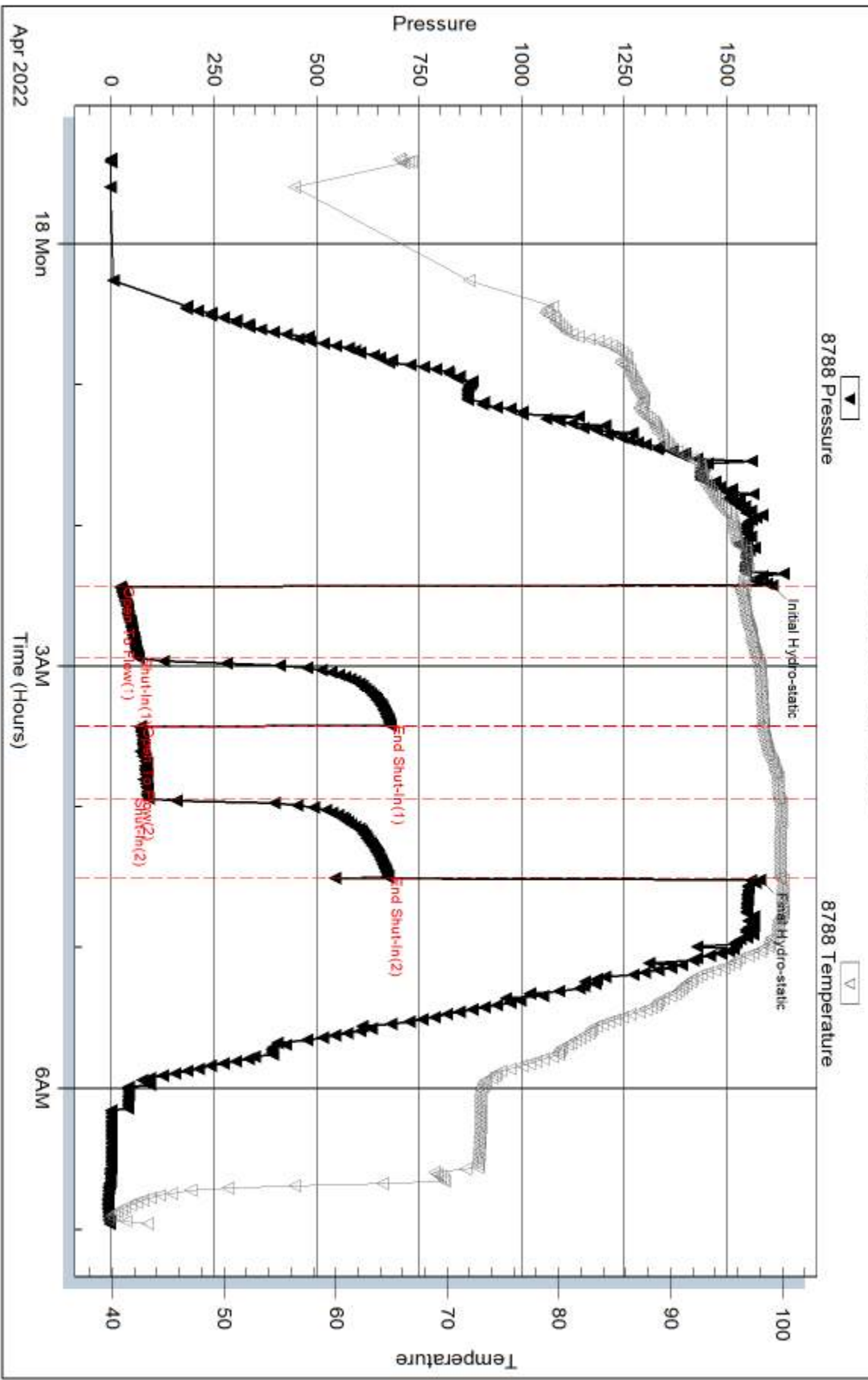
Serial #: None

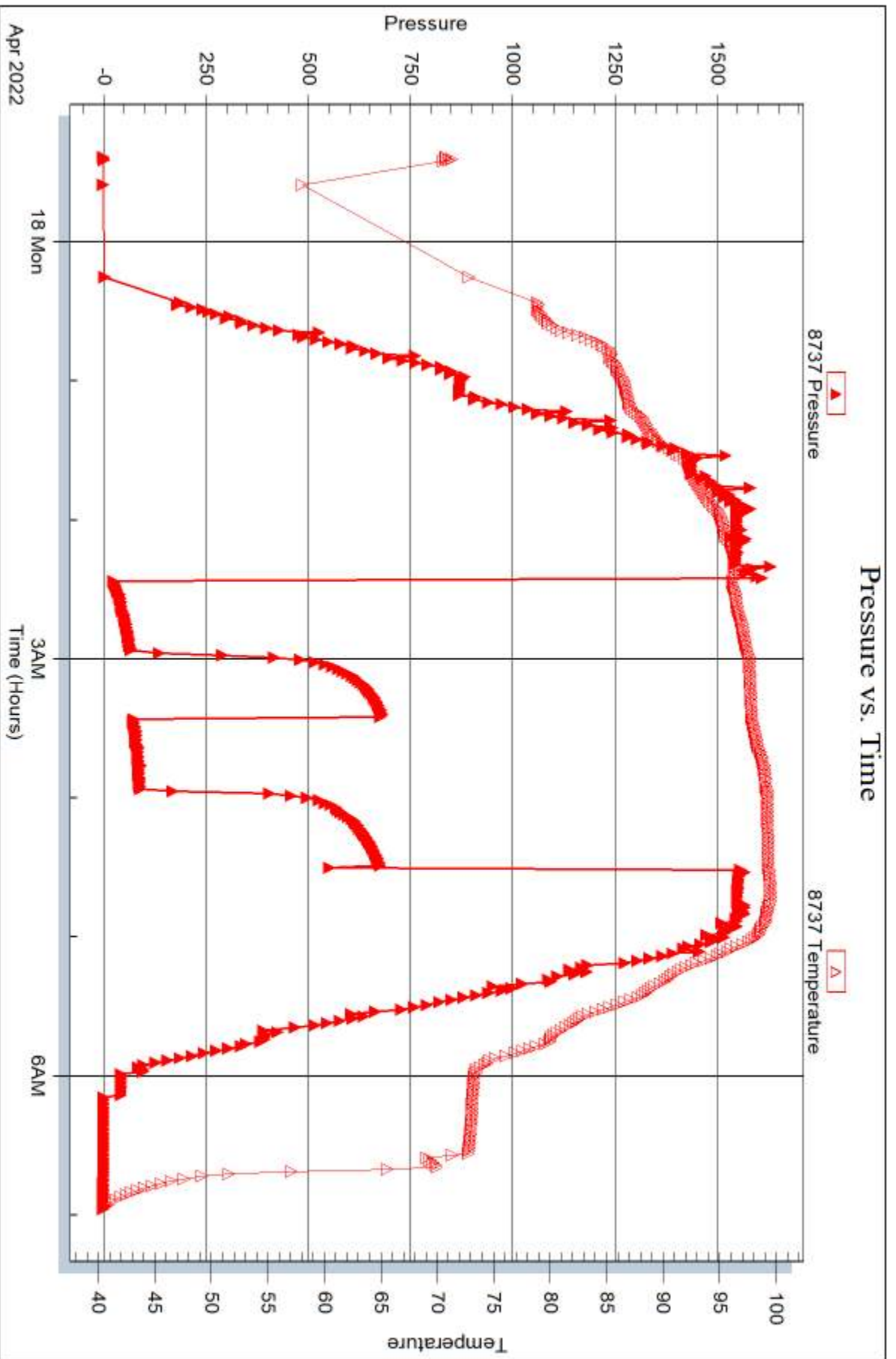
Laboratory Name:

Laboratory Location:

Recovery Comments: OS <1%o But >99%m

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Jaspar Co.**

P.O. Box 1120
Hays, KS. 67601

ATTN: Cameron Brin

Larry # 2

20-9s-19w Rooks,KS

Start Date: 2022.04.19 @ 08:48:26

End Date: 2022.04.19 @ 14:43:56

Job Ticket #: 67922 DST #: 2

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

Printed: 2022.04.20 @ 15:58:58



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Jaspar Co.
P.O. Box 1120
Hays, KS. 67601
ATTN: Cameron Brin

20-9s-19w Rooks,KS
Larry # 2
Job Ticket: 67922 **DST#: 2**
Test Start: 2022.04.19 @ 08:48:26

Tool Information

Drill Pipe:	Length: 3441.00 ft	Diameter: 3.80 inches	Volume: 48.27 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.80 inches	Volume: 0.90 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 49.17 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	53000.00 lb
Depth to Top Packer:	3578.00 ft			Final	53000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	57.00 ft				
Tool Length:	83.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3553.00	
Shut In Tool	5.00			3558.00	
Hydraulic tool	5.00			3563.00	
EMT	3.00			3566.00	
Safety Joint	3.00			3569.00	
Packer	4.00			3573.00	26.00 Bottom Of Top Packer
Packer	5.00			3578.00	
Stubb	1.00			3579.00	
Recorder	0.00	8788	Inside	3579.00	
Recorder	0.00	8737	Outside	3579.00	
Perforations	3.00			3582.00	
Change Over Sub	1.00			3583.00	
Blank Spacing	31.00			3614.00	
Change Over Sub	1.00			3615.00	
Perforations	17.00			3632.00	
Bullnose	3.00			3635.00	57.00 Bottom Packers & Anchor
Total Tool Length:	83.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jaspar Co.

20-9s-19w Rooks,KS

P.O. Box 1120
Hays, KS. 67601

Larry # 2

Job Ticket: 67922

DST#: 2

ATTN: Cameron Brin

Test Start: 2022.04.19 @ 08:48:26

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:

2000 ppm

Viscosity: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OSM 100%m	0.076

Total Length: 10.00 ft Total Volume: 0.076 bbl

Num Fluid Samples: 0

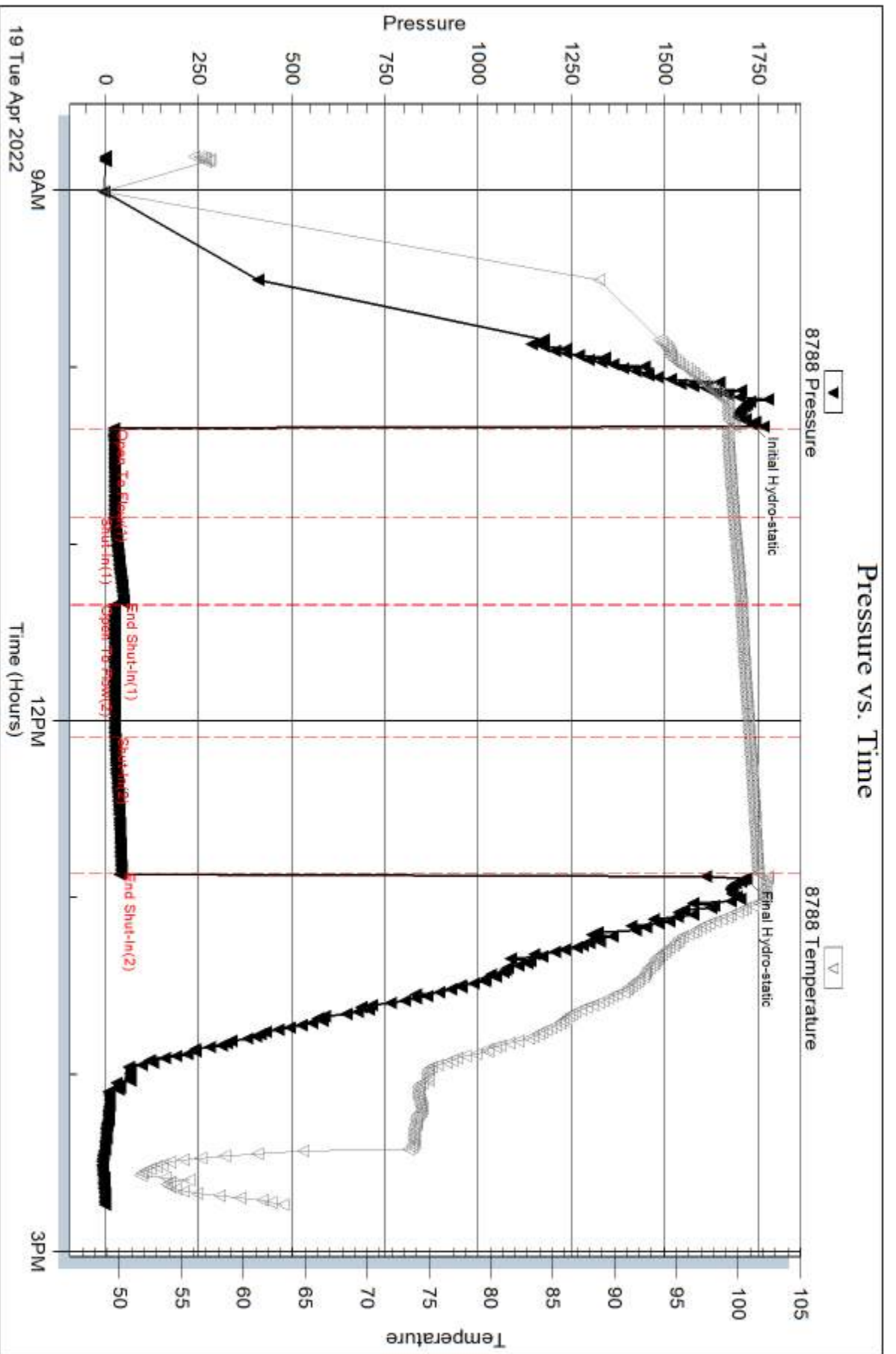
Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments:

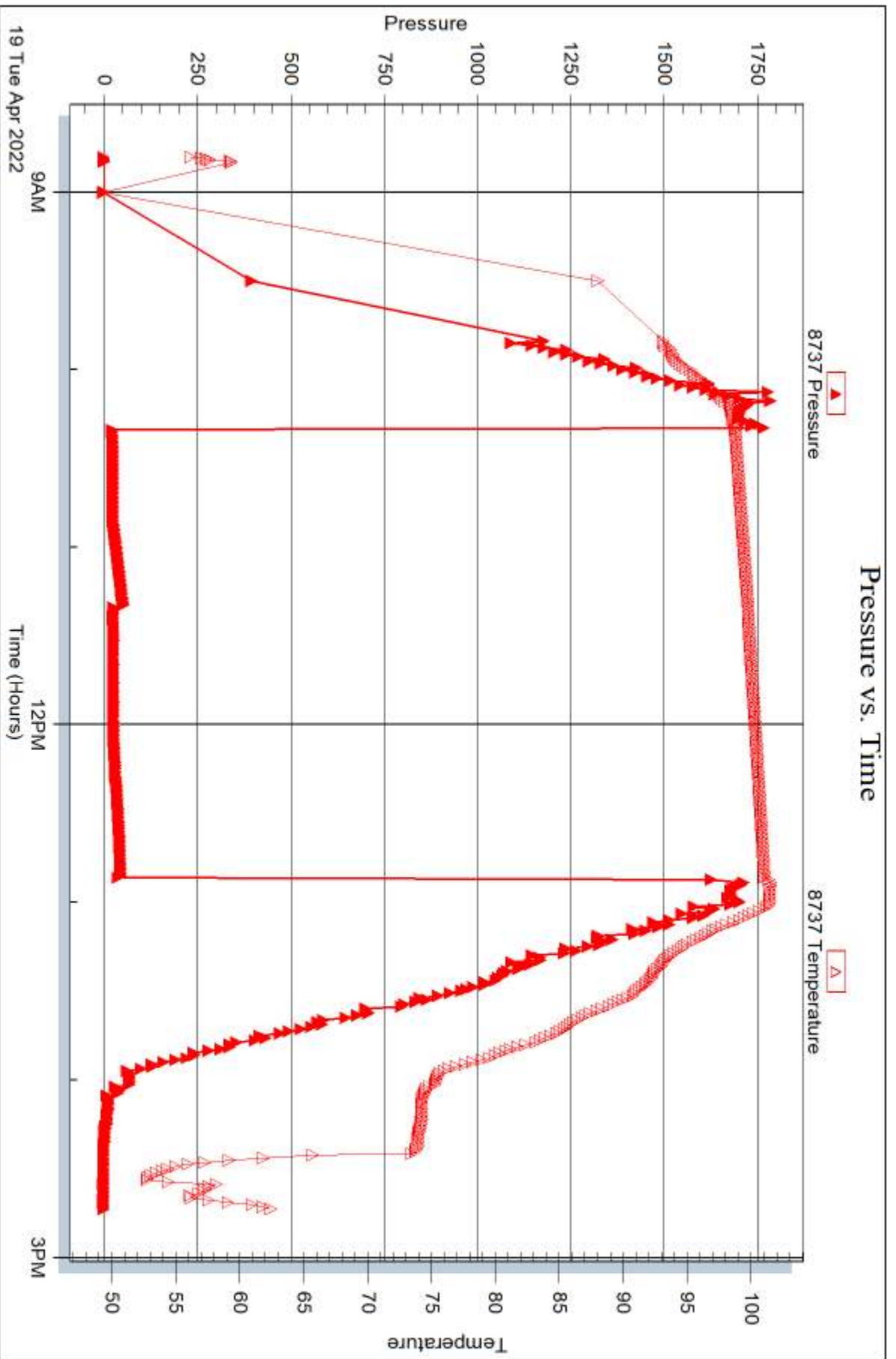


Serial #: 8737

Outside Jasper Co.

Larry # 2

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 67922

Printed: 2022.04.20 @ 15:58:59



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67921

Well Name & No. Larry #2 Test No. 1 Date 4/17/22
 Company Jasper Co. Elevation 2174 KB 2167 GL
 Address P.O. Box 1120 Hays, KS. 67601
 Co. Rep / Geo. Cameron Barn Rig STP #1
 Location: Sec. 20 Twp 9S Rge. RW Co. Rooks State KS.

Interval Tested 3334 - 3405 Zone Tested Toronto - LKC "A"
 Anchor Length 71' Drill Pipe Run 3220 Mud Wt. 8.6
 Top Packer Depth 3329 Drill Collars Run 118 Vis 66
 Bottom Packer Depth 3334 Wt. Pipe Run 0 WL 7.8
 Total Depth 3405 Chlorides 1000 ppm System LCM 2nd

Blow Description IF: Weak - Fair Blow Built to 5.05"
ISI: NO Blow
FF: Weak Blow Built to 2.96"
FSI: NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
148'	OSIN			100	

Rec Total 148' Fluid BHT 100° Gravity N/A API RW N/A @ — °F Chlorides 1000 ppm
 (A) Initial Hydrostatic 1609 Test 1800 T-On Location 2211
 (B) First Initial Flow 24 Jars * NO JARS * T-Started ~~6225~~ 2323
 (C) First Final Flow 67 Safety Joint _____ T-Open 0225
 (D) Initial Shut-In 681 Circ Sub _____ T-Pulled 0431
 (E) Second Initial Flow 73 Hourly Standby _____ T-Out 0657
 (F) Second Final Flow 91 Mileage 72 Hays 108 Comments _____
 (G) Final Shut-In 675 Sampler _____
 (H) Final Hydrostatic 1580 Straddle _____ EM Tool -350
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1908 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
 Tribolite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one 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 cost by the party for whom the test is made.



Scale 1:240 Imperial

Well Name: LARRY #2
Surface Location: SE, SW, SE, Sec. 20, T9S, R19W
Bottom Location:
API: 15-163-24450
License Number: 34903
Spud Date: 4/13/2022 Time: 10:15 AM
Region: ROOKS CO.
Drilling Completed: 4/19/2022 Time: 8:30 PM
Surface Coordinates: 330' FSL & 1650' FEL
Bottom Hole Coordinates:
Ground Elevation: 2167.00ft
K.B. Elevation: 2174.00ft
Logged Interval: 3050.00ft To: 3700.00ft
Total Depth: 3700.00ft
Formation: LKC, ARBUCKLE
Drilling Fluid Type: CHEMICAL

OPERATOR

Company: JASPAR CO. INC.
Address: P.O. BOX 1120

Contact Geologist: SHANE VEHIGE
Contact Phone Nbr: 785-623-6982
Well Name: LARRY #2
Location: SE, SW, SE, Sec. 20, T9S, R19W
API: 15-163-24450
Pool: Field: WANKER
State: KS Country:

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: 39.24970
Latitude: -99.46240
N/S Co-ord: 330' FSL
E/W Co-ord: 1650' FEL

LOGGED BY

Company:
Address: 2511 E 19TH
HAYS, KS 67601
Phone Nbr: (785) 639-0721
Logged By: Geologist Name: CAMERON BRIN

CONTRACTOR

Contractor: STP DRILLING
Rig #: 1
Rig Type: MUD ROTARY
Spud Date: 4/13/2022 Time: 10:15 AM
TD Date: 4/19/2022 Time: 8:30 PM
Rig Release: 4/20/2022 Time: 2:45 PM

ELEVATIONS

K.B. Elevation: 2174.00ft Ground Elevation: 2167.00ft
K.B. to Ground: 7.00ft


NOTES

DUE TO POOR STRUCTURAL POSITION AND NEGATIVE RESULTS ON BOTH DST'S, DECISION WAS MADE TO PLUG AND ABANDON THE LARRY #2 WELL.

TOPS COMPARISON

FORMATION	LARRY #2				OWWVO P&A 2/12/08				D&A 9/15/79				LIZA #1			
	JASPAR CO.				WANKER #1				MONGEAU #1				JASPAR CO.			
	W2, SE, SE, SW, Sec. 20-9-19				HELLAR DRILLING				HELLAR DRILLING CO				NW, SW, NE, NE, Sec. 29-9-19			
	KB	2174	GL	2167	KB	2146	SMPL.	2175	KB	2182	SMPL.	2188	KB	2188	SMPL.	2188
LOG TOPS	GL	SAMPLE TOPS	GL	LOG	LOG	SMPL.	LOG	COMP. CARD	LOG	SMPL.	COMP. CARD	COMP. CARD	LOG	SMPL.	COMP. CARD	
DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	
ANHYDRITE TOP	1573	601	1571	603	1546	600	+ 1 + 3	1568	607	- 6 - 4		1583	605	- 4 - 2		
BASE	1609	565	1612	562	1585	561	+ 4 + 1	1610	565	+ 0 - 3		1620	568	- 3 - 6		
TOPEKA	3129	-955	3129	-955	3094	-948	- 7 - 7	3121	-946	- 9 - 9	3132	-950	- 5 - 5	3139	-951	- 4 - 4
HEERNER SHALE	3336	-1162	3338	-1164	3296	-1150	- 12 - 14	3327	-1152	- 10 - 12	3328	-1146	- 16 - 18	3343	-1155	- 7 - 9
TORONTO	3357	-1183	3361	-1187	3320	-1174	- 9 - 13	3348	-1173	- 10 - 14	3361	-1179	- 4 - 8	3362	-1174	- 9 - 13
LKC	3376	-1202	3380	-1206	3341	-1195	- 7 - 11	3368	-1193	- 9 - 13	3380	-1198	- 4 - 8	3383	-1195	- 7 - 11
BKC	3592	-1418	3594	-1420	3557	-1411	- 7 - 9							3598	-1410	- 8 - 10
ARBuckle	3623	-1449	3624	-1450	3582	-1436	- 13 - 14	3611	-1436	- 13 - 14	3626	-1444	- 5 - 6	3628	-1440	- 9 - 10
TOTAL DEPTH	3699	-1525	3700	-1526	3599	-1453	- 72 - 73	3690	-1515	- 10 - 11	3639	-1457	- 68 - 69	3701	-1513	- 12 - 13

DST #1 3334'-3405' (TORONTO- LKC A)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jasper Co. **20-9s-19w Rooks Co Ks**

P.O. Box 1120 **Larry # 2**
Hays, Ks. 67601

Job Ticket: 67921 **DST#: 1**

ATTN: Cameron Brin **Test Start: 2022.04.17 @ 23:23:42**

GENERAL INFORMATION:

Formation: **Toronto - LKC A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 02:25:57
 Tester: Matt Smith
 Time Test Ended: 06:57:42
 Unit No: 68

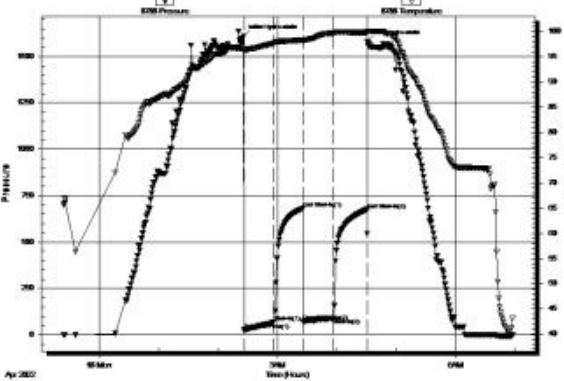
Interval: **3334.00 ft (KB) To 3405.00 ft (KB) (TVD)**
 Reference Elevations: 2174.00 ft (KB)
 Total Depth: 3405.00 ft (KB) (TVD)
 2167.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 7.00 ft

Serial #: 8788 Inside

Press@RunDepth: 90.95 psig @ 3335.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2022.04.17 End Date: 2022.04.18
 Last Calib.: 2022.04.18
 Start Time: 23:23:47 End Time: 06:57:41
 Time On Btm: 2022.04.18 @ 02:25:27
 Time Off Btm: 2022.04.18 @ 04:30:57

TEST COMMENT: IF: Weak-Fair Blow . Built to 5.05". (30)
 IS: No Blow . (30)
 FF: Weak Blow . Built to 2.96". (30)
 FS: No Blow . (30)

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1609.24	96.65	Initial Hydro-static
1	24.25	95.99	Open To Flow (1)
31	67.00	97.73	Shut-h(1)
60	680.52	98.31	End Shut-h(1)
61	72.57	97.96	Open To Flow (2)
91	90.95	99.70	Shut-h(2)
125	674.72	99.82	End Shut-h(2)
126	1580.41	100.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
148.00	OSM 100% m	1.32

Gas Rates

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

Trilobite Testing, Inc Ref. No: 67921 Printed: 2022.04.19 @ 15:37:03

DST #2 3578'-3635' (ARBUCKLE)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Jasper Co.

20-9s-19w Rooks Co Ks

P.O. Box 1120
Hays, Ks. 67601

Larry # 2

Job Ticket: 67922

DST#:2

ATTN: Cameron Brin

Test Start: 2022.04.19 @ 08:48:26

GENERAL INFORMATION:

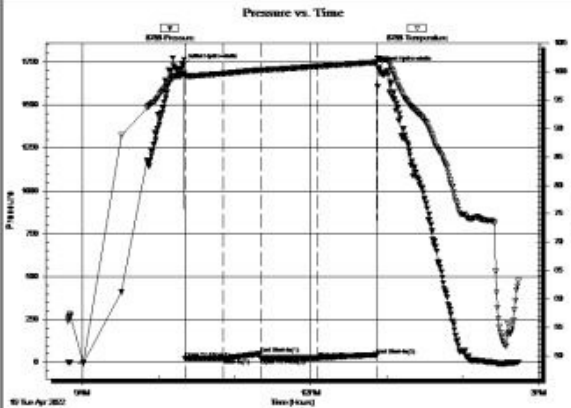
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:20:56
 Time Test Ended: 14:43:56
 Interval: **3578.00 ft (KB) To 3635.00 ft (KB) (TVD)**
 Total Depth: 3635.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 68
 Reference Elevations: 2174.00 ft (KB)
 2167.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8788

Inside

Press@RunDepth: 26.36 psig @ 3579.00 ft (KB)
 Start Date: 2022.04.19 End Date: 2022.04.19
 Start Time: 08:48:31 End Time: 14:43:55
 Capacity: 8000.00 psig
 Last Calib.: 1899.12.30
 Time On Btm: 2022.04.19 @ 10:19:11
 Time Off Btm: 2022.04.19 @ 12:53:26

TEST COMMENT: IF: Weak Blow . Built to 1.23". (30)
 IS: No Blow . (30)
 FF: Weak Blow . Surface - .25". (45)
 FS: No Blow . (45)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1733.00	99.61	Initial Hydro-static
2	24.17	99.20	Open To Flow (1)
32	24.92	99.65	Shut-In(1)
61	50.79	100.27	End Shut-In(1)
62	26.07	100.25	Open To Flow (2)
107	26.36	100.92	Shut-In(2)
153	44.22	101.60	End Shut-In(2)
155	1716.70	102.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM 100% ^m	0.08

* Recovery from multiple tests

Gas Rates

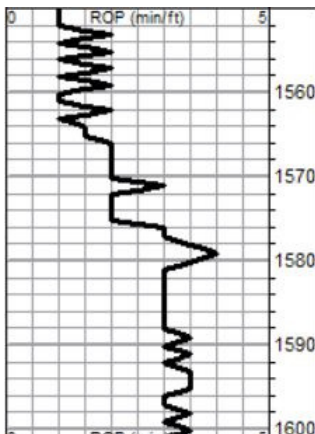
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

TriLOBITE Testing, Inc

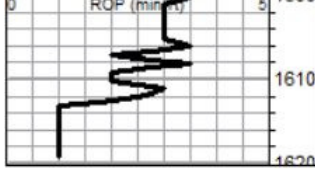
Ref. No: 67922

Printed: 2022.04.19 @ 15:39:29

ANHYDRITE



ANHYDRITE: SPL 1571' (+603) LOG 1573' (+601)



BASE: SPL 1612' (+562) LOG 1609' (+565)

ROCK TYPES

- Dolprim
- Dolsec
- Lmst fw7>
- Lscong1
- shale, gry
- Carbon Sh
- shale, red

ACCESSORIES

MINERAL

- ▲ Chert, dark
- Sandy
- △ Chert White
- ▧ Euhed rhombs of dol or c

FOSSIL

- F Fossils < 20%
- ♀ Oolite
- ♁ Oomoldic

STRINGER

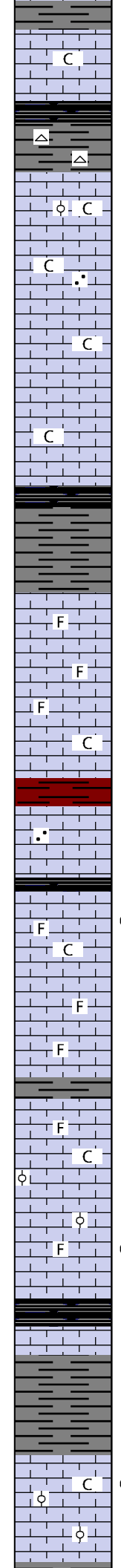
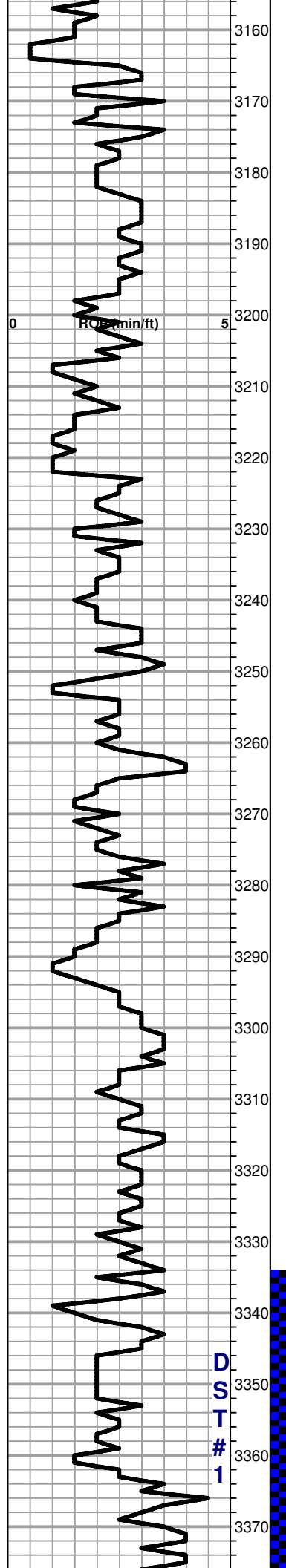
- Limestone
- red shale

TEXTURE

- C Chalky

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

Curve Track #1 ROP (min/ft)	Depth Intervals	DST	Lithology	Oil Show	Geological Descriptions	Curve Track #3
1:240 Imperial 	Cored Interval DST Interval 3060 3070 3080 3090 3100 3110 3120 3130 3140 3150		Lithology 	Oil Show	<p style="color: red; text-align: center;">1' DRILL TIME FROM 1550'-1620' FOR ANHYDRITE 1' DRILL TIME FROM 3050'-RTD 10' WET/DRY SAMPLES FROM 3100-RTD</p> <p>Lm- crm-tan, fnxln, foss in prt</p> <p>Lm- A/A</p> <p>Sh- brn-gray</p> <p>Lm- crm-gray, fnxln, scat Ss clusters, well sorted, well rounded, friable</p> <p>Lm- crm, fnxln, foss, dense</p> <p>Sh- gray</p> <p style="color: red; text-align: center;">TOPEKA: SPL 3129' (-955) LOG 3129' (-955)</p> <p>Lm- crm, fnxln, scat foss</p> <p>Lm- crm-gray, fnxln, scat foss, scat Ss cluster</p> <p>Lm- crm-tan, fnxln, scat foss, cherty in prt</p>	1:240 Imperial GEO ON LOCATION @ 4 A.M. 4/17/20 8 5/8" SURFACE CASING SET @ 223' KB SURVEY @ 223' (3/4") DISPLACED @ 2994'



Sh- gray

Lm- crm-gray, fnxln, scat foss, chalky in prt

Sh- blk carb

Chert- tan

Lm- crm, fnxln, foss, oolitic in prt, sli chalky

Lm- A/A, sandy in prt

Lm- A/A

Lm- A/A, chalky white wash

Sh- blk carb

Sh- gray

Lm- crm, fnxln, foss, cherty in prt

Lm- wt, fnxln, foss

Lm- crm-tan, v.fn-fnxln, scat foss, scat various color chert

Lm- crm, fnxln, scat foss, chalky

Sh- brn-gray, muddy red wash

Lm- crm, fnxln, sandy in prt

Sh- blk, carb

Lm- crm, fnxln, foss, chalky, scat pr inxln por, v. few scat pcs w/ brn stn in pores, sli SFO upon crush, no odor

Lm- crm, v.fn-fnxln, foss, scat blk chert

Lm- crm, v.fn-fnxln, scat foss, chalky in prt, scat pr ppt por, 1 chip w/ spotty brn stn in pores, NSFO, sli odor

Lm- crm, fnxln, oolitic, mostly dense

Lm- crm, fnxln, foss in prt, scat tight inxln-ppt por, few scat pcs w/ brn stn in pores, sli SFO upon crush, sli odor

HEEBNER: SPL 3338' (-1164) LOG 3336' (-1162)

Sh- blk, carb

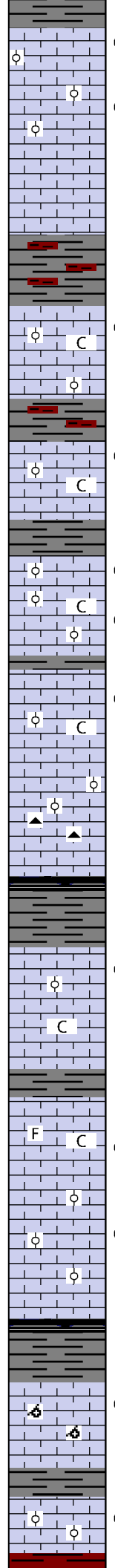
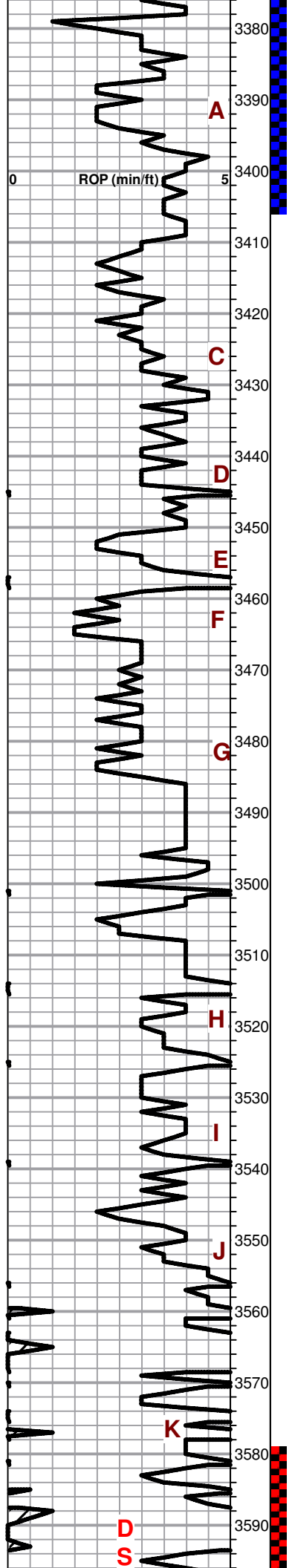
Sh- gray-green- brn, sandy in prt, scat wt angular chert

TORONTO: SPL 3361' (-1187) LOG 3357' (-1183)

Lm- crm, fnxln, foss, oolitic in prt, chalky in prt, scat mostly tight ppt-inoolitic por, scat brn stn in pores, sli SFO upon crush & few droplets in cup, sli odor

DST #1 (TOR-LKC A)
 3334'-3405'
 30-30-30-30
148' OSM
 SIP: 681-675#

LKC: SPL 3380' (-1206) LOG 3376' (-1202)



- Lm- crm, fnxln, oolitic, scat tight oolitic-ppt por, v. few scat pcs w/ brn stn in pores, sli sheen FO in cup, pr-no odor
- Lm- crm, fnxln, scat tight ppt- sli vuggular por, few scat pcs w/ sli sat brn stn, pr-fr SFO upon crush, pr-fr odor
- Lm- crm, vfnxln, barren, cherty, mostly dense
- Sh- brn- gray
- Lm- crmn fnxln, oolitic, chalky, scat pr inoolitic por, spotty lt brn stn in pores, v. sli sheen FO in cup, fr odor
- Sh- gray-brn
- Lm- crm, fnxln, oolitic in prt, chalky in prt, scat mostly tight ppt- inoolitic por, scat sli sat brn stn, sli SFO upon crush, fr odor
- Lm- crm, fnxln, oolitic, scat tight ppt- fr oolitic por, scat brn stn in pores, fr SFO in cup, fr odor, show was only about 5% of spl
- Lm- crm, fnxln, oolitic in prt, chalky in prt, scat mostly pr inxln-oolitic por, scat brn stn in pores, pr-fr SFO in cup, fr odor
- Lm- crm, fnxln, oolitic in prt, chalky, mostly barren, scat pr ppt por, v. few scat pcs w/ brn stn in pores, pr-no SFO, pr odor
- Lm- crm, fnxln, dense, barren
Chert- tan, angular, bedded
- Sh- blk, carb
- Lm- crm, fnxln, oolitic in prt, cherty, few scat pcs w/ tight inxln-oolitic por, few scat pcs w/ brn stn in pores, sli SFO, pr odor
- Lm- crm-wt, v.fn-fnxln, scat foss, cherty, chalky in prt, barren
- Lm- v.fn-fnxln, cherty, chalky, scat foss, scat pr inxln-ppt por, few scat pcs brn stn in pores, sli SFO upon crush, pr odor
- Lm- crm, fnxln, oolitic, scat pr-fr inxln- oomoldic por, scat brn sli sat stn, fr SFO, fr odor
- Lm- crm, fnxln, mostly barren & dense, few scat pcs w/ same show A/A
- Sh- blk, carb
- Lm- crm, fnxln, oolitic, mostly barren, few scat pcs w/ pr ppt- fr oomoldic por, scat brn stn in pores, sli SFO, mod odor
- Lm- crm-tan, fnxln, foss, oolitic, mostly barren, few scat pcs w/ pr inxln- infoss por, 6-8 pcs w/ lt brn stn in pores, NSFO, pr-no odor

SURVEY @ 3405' (1°)

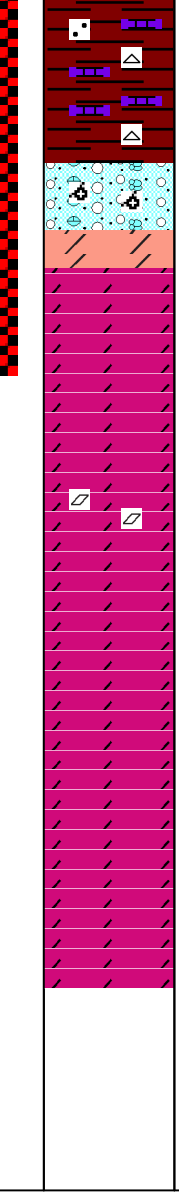
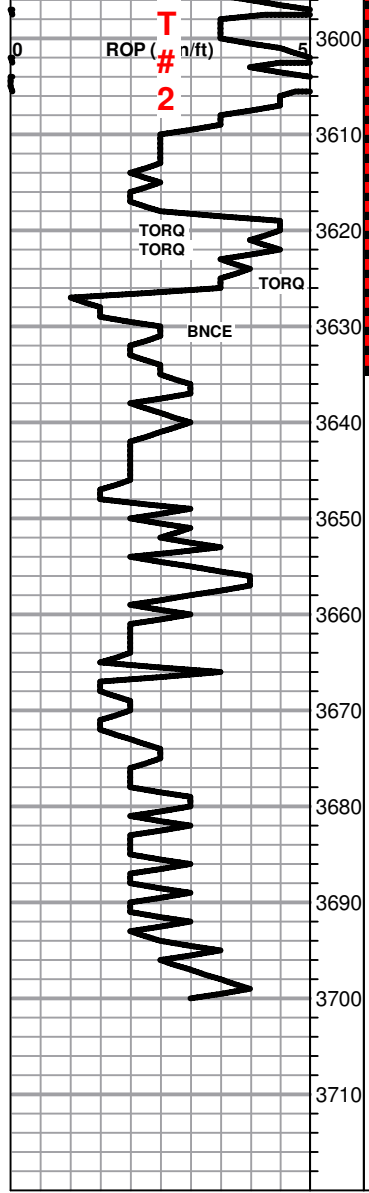
CFS @ 3405'

CFS @ 3450'

CFS @ 3582'

BKC: SPL 3594' (-1420) LOG 3592' (-1418)

**D
S**



Sh- brn, sandy
 Lm- crm, fnxln, oolitic
 Chert- wt-dark gray

A/A, 3-4 pcs w/ fr oomoldic po, stn in pores, sli SFO, pr- no odor

ARBUCKLE: SPL 3624' (-1450) LOG 3623' (-1449)

3631- 30min-Dolo- crm, fnxln-fngn, oolitic in prt, few pcs w/ pr inxln por, few scat pcs w/ spotty brn-blk stn in pores, v. sli SFO, pr-no odor

3631- 60min- Dolo- crm, fnxln-fngn, sucrosic in prt, scat pr inxln por, 3-4 pcs w/ fr inxln por, few scat pcs w/ brn stn in pores, few FO droplets in cup, pr odor

3635- Dolo- crm, fnxln-fngn, scat pr inxln por, 6-8 pcs w/ fr inxln por w/ few small vugs, scat brn stn in pores, FO droplets in cup, pr odor

3645- Dolo- crm-lt pink, fnxln-mdgrn, scat pr inxln por, 10-12 pcs w/ brn-blk stn in pores, some blk dead stn, 4-5 pcs w/ sat, sli SFO upon crush, pr-no odor,

Dolo- crm, fnxln-mdgrn, rhombic xtls in prt, mostly pr inxln por w/ few scat pcs fr, scat brn stn, few pcs w/ sat, few FO droplets & sheen upon crush, pr-no odor chert- orange-wt

Dolo- crm, fnxln, scat pr inxln-ppt por, scat brn-blk stn, 3-4 pcs sli sat, sli SFO, pr-no odor, chert orange

Dolo- crm-wt, fnxln-fngn, scat pr inxln-ppt por, scat brn stn mixed w/ blk dead flaky stn, sli SFO, pr-no odor, chert orange, oolitic

Dolo- A/A

Dolo- crm-lt pink, A/A

RTD: SPL 3700' (-1526) LOG 3699' (-1525)

CFS @ 3628'

CFS @ 3631'

CFS @ 3635'

CFS @ 3645'

SAMPLES FROM BKC-3650 CARRIED A LOT OF BROWN SHALES AND HAD A RED WASH

SURVEY @ RTD (1/4")

GEO OFF LOCATION @ 3:30 A.M. 4/20/22

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

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

No. 2997

Date	4-13-22	Sec.	20	Twp.	9	Range	19	County	Rooks	State	Ks	On Location		Finish	3:00 PM
------	---------	------	----	------	---	-------	----	--------	-------	-------	----	-------------	--	--------	---------

Lease Larry Well No. 2 Location Zurich - 1W, 1N, 1/4 W, N/5

Contractor STP Owner To Quality Oilwell Cementing, Inc.
Type Job Surface You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size 12 1/4" T.D. 223' Charge To Jasper
Csg. 8 5/8" Depth 223' 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. 15' Shoe Joint 15' Cement Amount Ordered 150 80/20 3%CC 2% bcl

Meas Line Displace 13 BLS

EQUIPMENT

Pumptrk <u>16</u> No.	Cementer <u>David</u>	Common <u>20</u>
	Helper	Poz. Mix <u>30</u>
Bulktrk <u>21</u> No.	Driver <u>Jordan</u>	Gel. <u>3</u>
	Driver	Calcium <u>6</u>
Bulktrk <u>pin</u> No.	Driver <u>Rick</u>	

JOB SERVICES & REMARKS

Remarks: Cement did Circulate

Rat Hole
Mouse Hole
Centralizers
Baskets
D/V or Port Collar

Hulls
Salt
Flowseal
Kol-Seal
Mud CLR 48
CFL-117 or CD110 CAF 38
Sand
Handling 159
Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Pumptrk Charge Surface
Mileage 35

Signature [Signature] Thanks
Tax
Discount
Total Charge

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

- **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

- **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

- **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

- **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

- **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

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

No. **2768**

Date	4-20-22	Sec.	20	Twp.	9	Range	19	County	Rooks	State	Ks	On Location		Finish	10:45Am
								Location							
								Zurich IN 1W							

Lease	LARRY	Well No.	2	Owner	To Quality Oilwell Cementing, Inc.
Contractor	STP	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job	PTA				
Hole Size	7 7/8	T.D.	3700	Charge To	JASpenCO
Csg.		Depth		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.		Shoe Joint		Cement Amount Ordered	290A 69/40 4% Gel
Meas Line		Displace			1/4" Flo Seal

EQUIPMENT

Pumptrk	17	No.	Cementer	Bill	Common	174
			Helper		Poz. Mix	116
Bulktrk		No.	Driver	NICK	Gel.	10
			Driver		Calcium	
Bulktrk	14	No.	Driver	JORDAN		
			Driver			

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	75#
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
50A	-3680	Handling	300
50A	1600	Mileage	
100A	920		

FLOAT EQUIPMENT

50A	270	Guide Shoe	
10A	40	Centralizer	
30A	RATHOLE	Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	
		8 5/8 Plug - 1	
		Pumptrk Charge	Plug
		Mileage	35

X Signature	[Signature]	Tax	
		Discount	
		Total Charge	

Thanks

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

DEADHAUL CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

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

No. **2768**

Date	4-20-22	Sec.	20	Twp.	9	Range	19	County	Rooks	State	Ks	On Location		Finish	10:45Am
								Location							
								Zurich IN 1W							

Lease	LARRY	Well No.	2	Owner	To Quality Oilwell Cementing, Inc.
Contractor	STP	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job	PTA				
Hole Size	7 7/8	T.D.	3700	Charge To	JASpenCO
Csg.		Depth		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.		Shoe Joint		Cement Amount Ordered	290A 69/40 4% Gel
Meas Line		Displace			1/4" Flo Seal

EQUIPMENT

Pumptrk	17	No.	Cementer	Bill	Common	174
			Helper		Poz. Mix	116
Bulktrk		No.	Driver	NICK	Gel.	10
			Driver		Calcium	
Bulktrk	14	No.	Driver	JORDAN		
			Driver			

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	75#
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
	50A -3680	Handling	300
	50A 1600	Mileage	
	100A 920		

FLOAT EQUIPMENT

	50A 270	Guide Shoe	
	10A 40	Centralizer	
	30A RATHOLE	Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	
		8 5/8 Plug -1	
		Pumptrk Charge	Plug
		Mileage	35

X Signature	[Signature]	Tax	
		Discount	
		Total Charge	

Thanks

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

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