

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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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration, Inc.

10 26s 24w Ford Ks

PO Box 783188
Wichita, Ks

Fischer 10A #1

Job Ticket: 68061

DST#: 1

ATTN: John Goldsmith

Test Start: 2022.03.07 @ 21:38:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:33:45

Time Test Ended: 10:29:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 4918.00 ft (KB) To 4937.00 ft (KB) (TVD)

Reference Elevations: 2510.00 ft (KB)

Total Depth: 4937.00 ft (KB) (TVD)

2498.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8319 Inside

Press@RunDepth: 1179.98 psig @ 4919.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.03.07

End Date:

2022.03.08

Last Calib.:

2022.03.08

Start Time: 21:38:05

End Time:

10:29:30

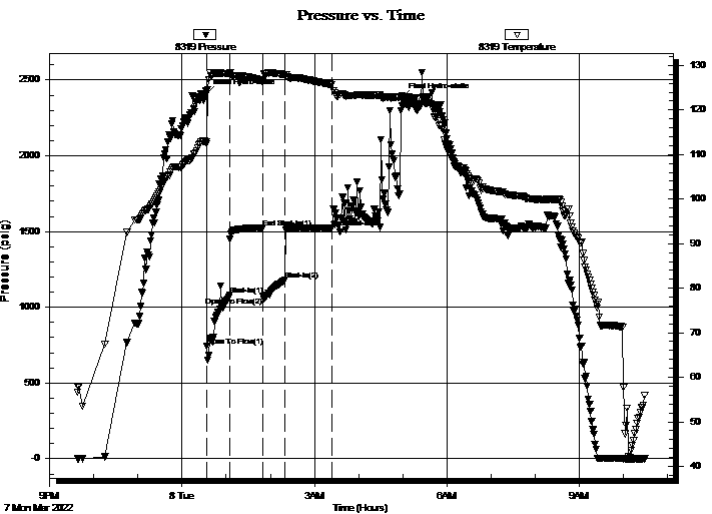
Time On Btm:

2022.03.08 @ 00:33:30

Time Off Btm:

2022.03.08 @ 04:59:30

TEST COMMENT: 30- IF: BOB @ 30 sec- 300+" blow .
45- IS: 22" return.
30- FF: BOB @ 1 min. 126" blow .
60- FS: 27" return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2409.42	112.94	Initial Hydro-static
1	742.01	112.37	Open To Flow (1)
31	1079.09	128.27	Shut-In(1)
76	1523.14	126.48	End Shut-In(1)
77	1070.17	126.28	Open To Flow (2)
107	1179.98	127.98	Shut-In(2)
171	1524.09	125.66	End Shut-In(2)
266	2385.15	123.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud (sand)	0.42
90.00	mcw 5m 95w (oil spots)	1.26
3150.00	go 25g 75o	44.19

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Ritchie Exploration, Inc.

10 26s 24w Ford Ks

PO Box 783188
Wichita, Ks

Fischer 10A #1

Job Ticket: 68061

DST#: 1

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Tester: Bradley Walter

Unit No: 78

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Reference Elevations: 2510.00 ft (KB)

Total Depth: 4937.00 ft (KB) (TVD)

2498.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8874 Outside

Press@RunDepth: psig @ 4919.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.03.07

End Date:

2022.03.08

Last Calib.:

2022.03.08

Start Time: 21:38:05

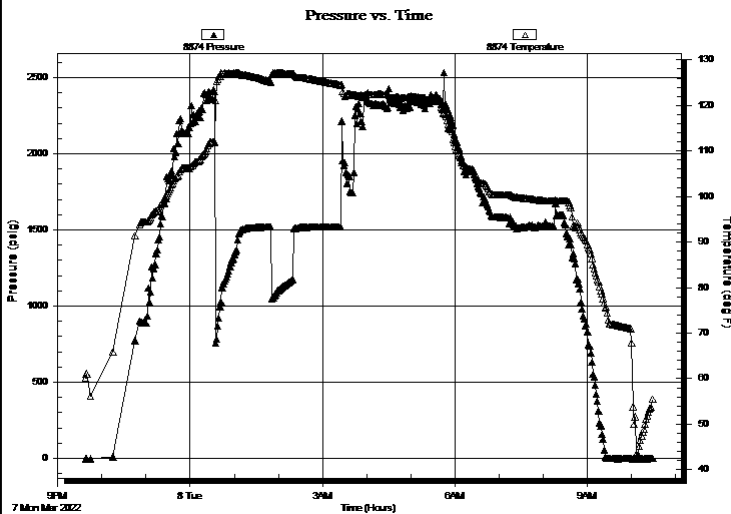
End Time:

10:29:15

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF: BOB @ 30 sec- 300+" blow .
45- IS: 22" return.
30- FF: BOB @ 1 min. 126" blow .
60- FS: 27" return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud (sand)	0.42
90.00	mcw 5m 95w (oil spots)	1.26
3150.00	go 25g 75o	44.19

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration, Inc.

10 26s 24w Ford Ks

PO Box 783188
Wichita, Ks

Fischer 10A #1

Job Ticket: 68061

DST#: 1

ATTN: John Goldsmith

Test Start: 2022.03.07 @ 21:38:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

38000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	Mud (sand)	0.421
90.00	mcw 5m 95w (oil spots)	1.262
3150.00	go 25g 75o	44.186

Total Length: 3270.00 ft Total Volume: 45.869 bbf

Num Fluid Samples: 0

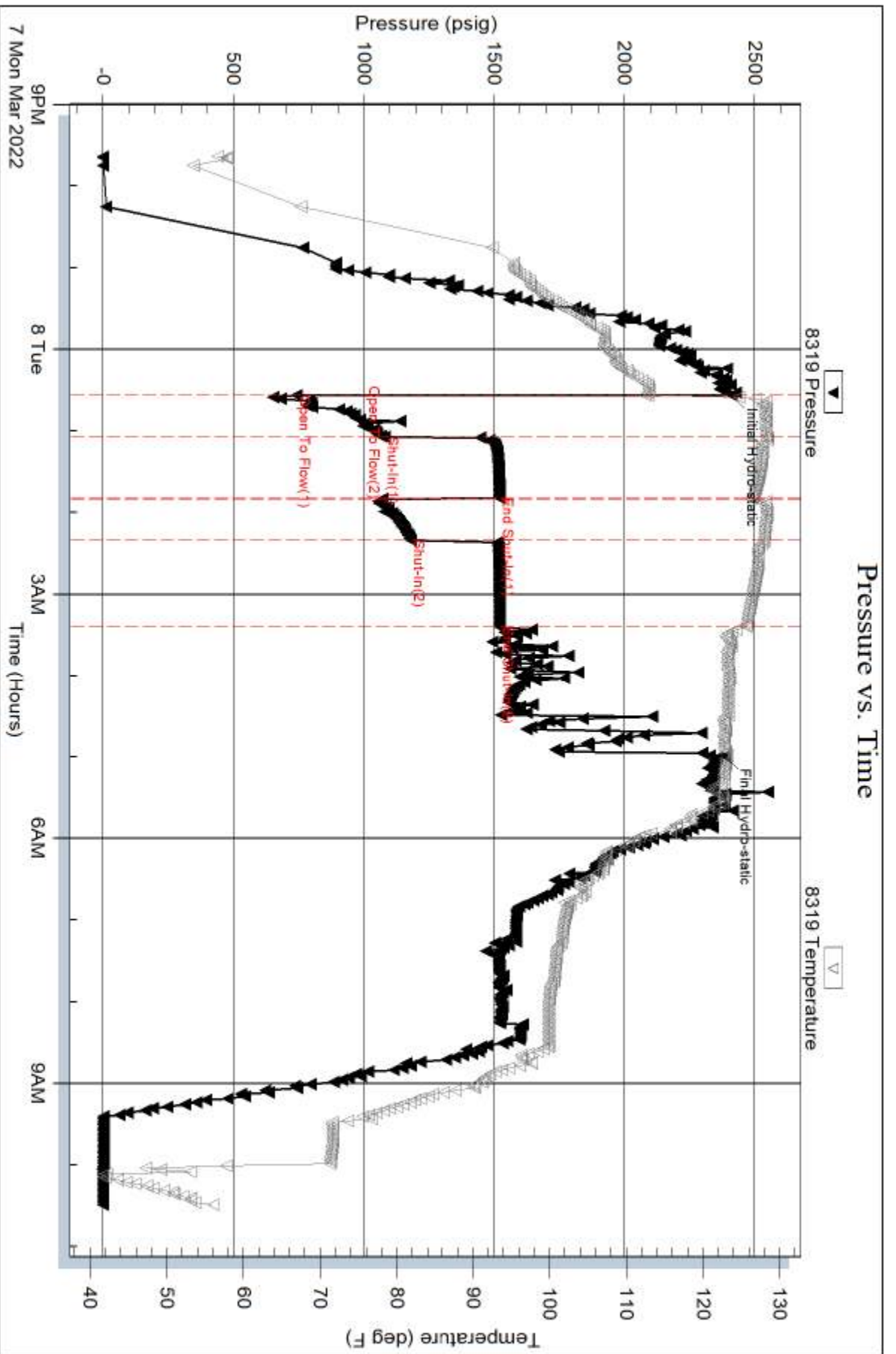
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .242 @ 53f = 38000ppm

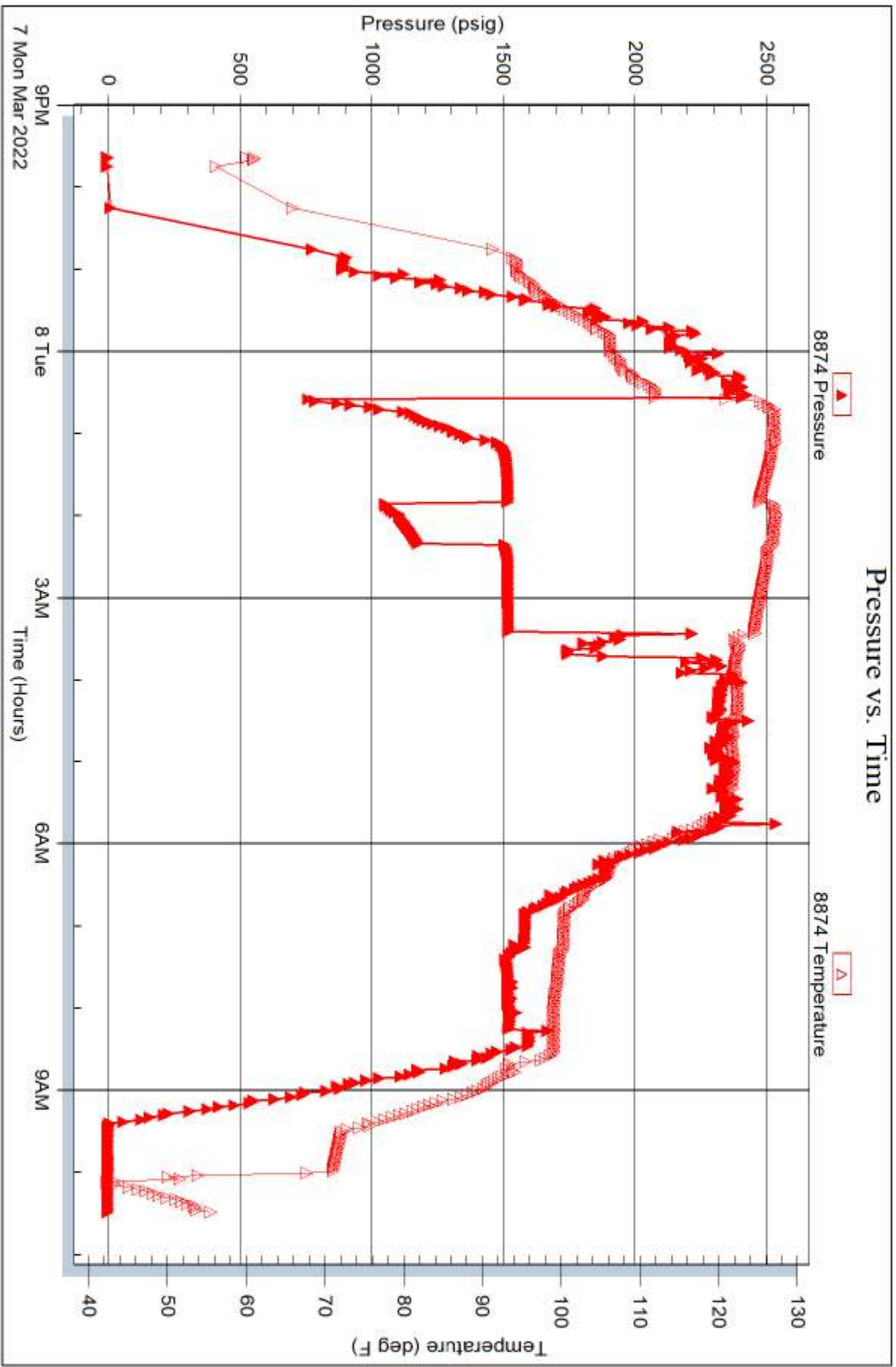


Serial #: 8874

Outside Ritchie Exploration, Inc.

Fischer 10A #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68061

Printed: 2022.03.08 @ 12:10:40

Wellsite Services, LLC

John Goldsmith
(316) 640-0236

427 Roosevelt St.
Cheney, KS 67025

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: #1 Fischer 10A
API: 15-057-21064
Location: 1934' FNL & 1777' FEL, 10-26S-24W
License Number: REI #4767
Spud Date: 2/28/2022
Surface Coordinates: LAT: 37.80287
LONG: -99.929744
Bottom Hole Vertical hole
Coordinates: 1 Degree Deviation
Ground Elevation (ft): 2498' K.B. Elevation (ft): 2510'
Logged Interval (ft): 4000' To: RTD Total Depth (ft): 5042'
Formation: Mississippian at RTD
Type of Drilling Fluid: Chemical

Region: Ford County
Drilling Completed: 3/9/2022

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Ritchie Exploration Inc.
Address: 8100 E. 22nd St N. Bldg #700
Wichita, KS 67226
(316) 691-9500

GEOLOGIST

Name: John Goldsmith
Company: Wellsite Services, LLC
Address: 427 Roosevelt St.
Cheney, KS 67025
(316) 640-0236

COMMENTS

Contractor: Duke Drilling Rig #1
Pusher: Mike Godfry (620) 786-1727
Surface Casing: 7 joints of 8 5/8" set at 315'
Production Casing: 5.5" Production Casing was installed.
Mud by: MudCo
DST's by: Trilobite Testing
Logs by: Midwest Wireline, LLC (DIL, CN-CD, ML, CS)
RTD=5042'
LTD=5043'

FORMATION TOPS

FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
B/Anhydrite	1632'	+878	1631'	+879
Stotler	3532'	-1022	3530'	-1020
Heebner Shale	4153'	-1643	4153'	-1643
Toronto	4170'	-1660	4169'	-1659
Lansing	4256'	-1746	4256'	-1746
Muncie Creek Shale	4436'	-1926	4433'	-1923
Stark Shale	4572'	-2062	4572'	-2062
Hushpuckney Shale	4610'	-2100	4610'	-2100
Base of KC	4652'	-2142	4652'	-2142
Marmaton	4692'	-2182	4691'	-2181
Altamont	4710'	-2200	4708'	-2198
Pawnee	4778'	-2268	4777'	-2267
Ft Scott	4828'	-2318	4829'	-2319
Cherokee Shale	4858'	-2348	4857'	-2347
Johnson	4890'	-2380	4888'	-2378
Morrow	4921'	-2411	4916'	-2406
Mississippian	5000'	-2490	5000'	-2490
RTD	5042'	-2532		
LTD			5043'	-2533

DSTs

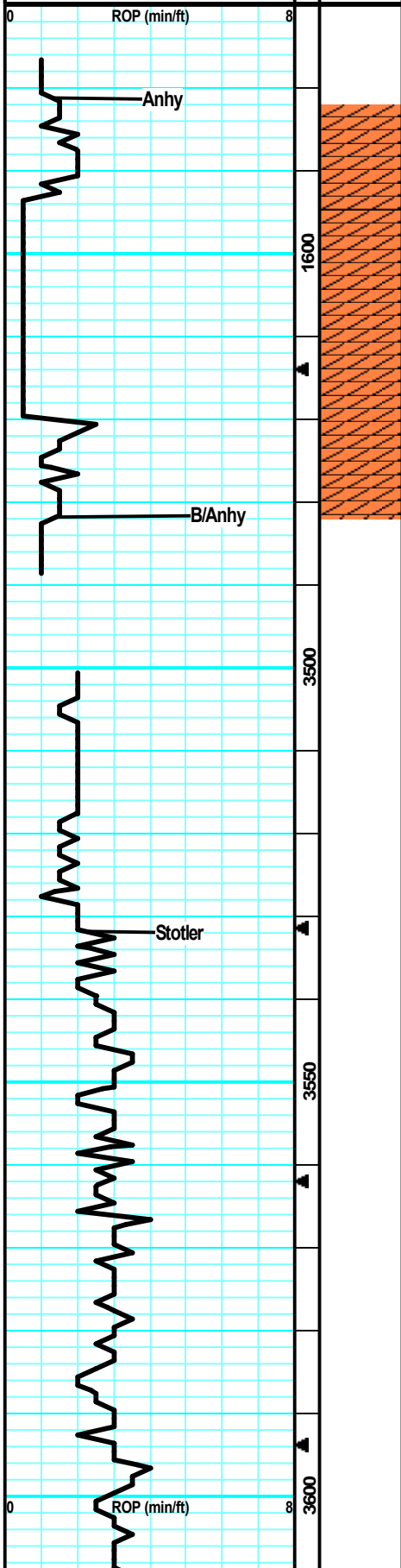
DST #1: 4918'-4937' (Morrow)
 30-45-30-60
 IF: BOB in 30sec (22" BB)
 FF: BOB in 1min (27" BB)
 Rec: 3150'GO, 90'MCWw/OS, 30'Sand
 IF: 742-1079# ISIP: 1523#
 FF: 1070-1179# FSIP: 1524#

ROCK TYPES

	Anhy		Lmst		Ss		Shlyls
	Cht		Salt		Carb sh		Sltys
	Coal		Shale		Dol		Sdy dolo
	Congl		Shcol		Dtd		Silty dolo
	Dol		Shgy		Gry sh		Shy dolo
	Gyp		Sltst		Sandylms		Shaly ls

ACCESSORIES

EVENTS		Foram	MINERAL		Chalky
	Circ		Fossil		Crssln
	Conn		Gastro		Finexln
FOSSIL		Oolite			Microxln
	Brach		Plant		
	Bryozoa		Fuss		
	Crin		Oomold		
				Calc	
				Chtdk	
				Feldspar	
				Glau	
				Pyr	
				Sil	



Morning Report Depth/Activity

02/28/2022, Spud @ 8:45am
 03/01/22, Waiting on cement
 03/02/22, drlg @ 1573'
 03/03/22, drlg @ 2670'
 03/04/22, drlg @ 3360'
 03/05/22, drlg @ 3930'
 03/06/22, drlg @ 4465'
 03/07/22, drlg @ 4850'
 03/08/22, Running DST #1 (Morrow)
 03/09/22, Running 5.5" Production Casing

ROP Data begins @ 3500' on 3/4/2022

TG, C1-C5

1 200

Anhydrite @ 1581' (+929)

Survey @ 315' = 3/4 Degree

Survey @ 1573' = 1 Degree

Mud Report #2 315' 3/1/22 Wt Vis pH 8.3 27 7.0 Filt Chl LCM n/c 275 0#	Mud Report #3 1589' 3/2/22 Wt Vis pH 9.4 31 7.0 Filt Chl LCM n/c 4.0k 2.5#
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Survey @ 2552' = 1 Degree

B/Anhydrite @ 1632' (+878)

Mud Report #4 2700' 3/3/22 Wt Vis pH 9.8 31 7.0 Filt Chl LCM n/c 53k 2#	
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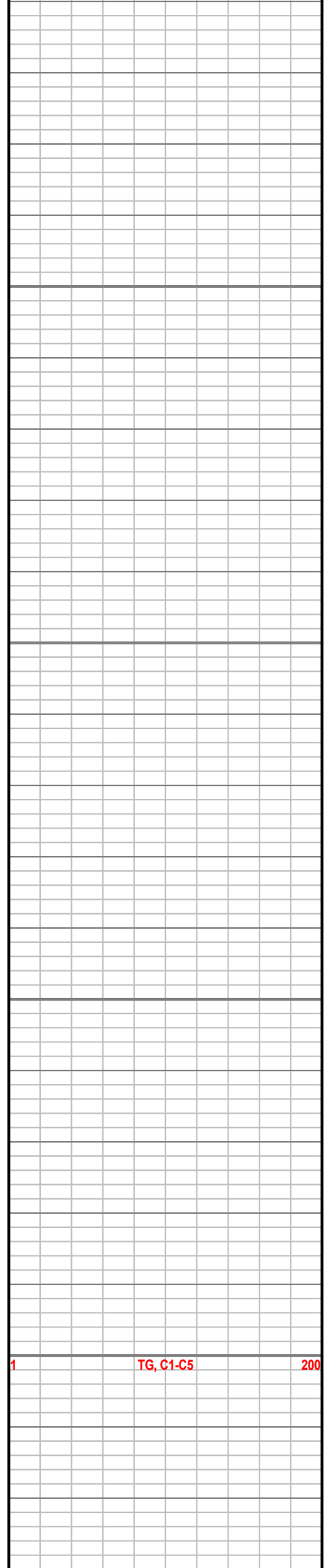
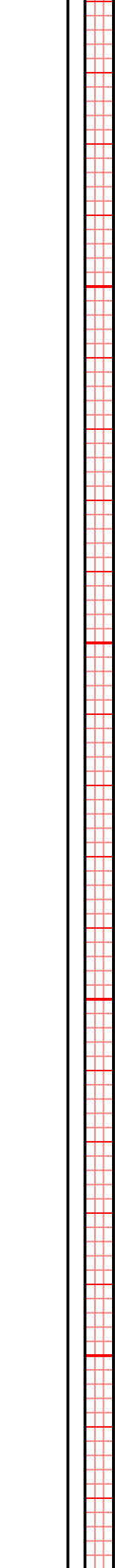
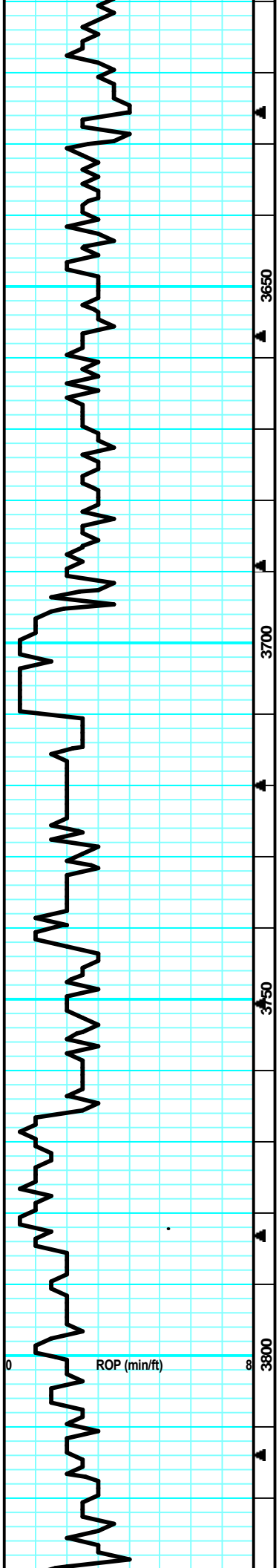
Stotler @ 3532' (-1022)

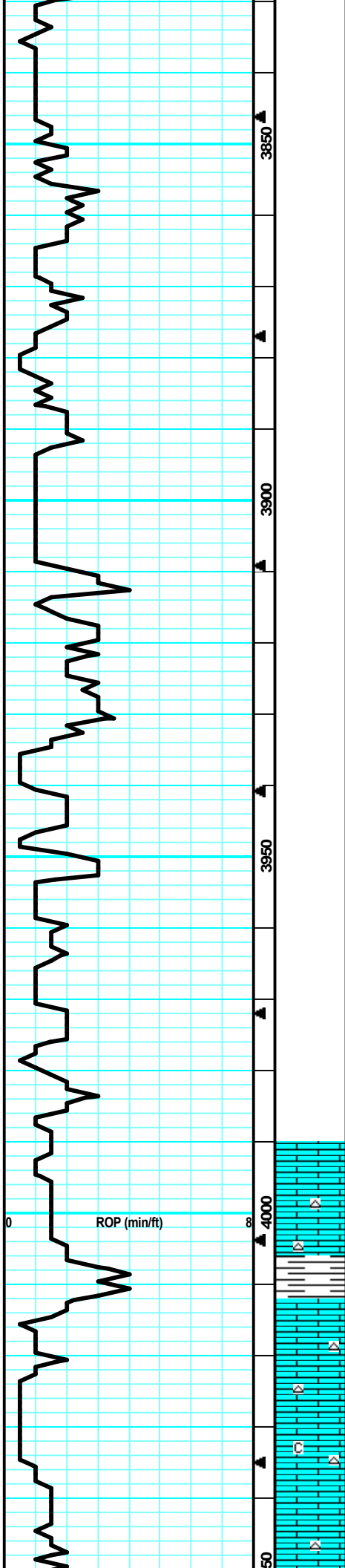
Mud Report #5 3540' 3/4/22 Wt Vis pH 9.6 30 7.0 Filt Chl LCM n/c 39k 1#	
--	--

Began Mud-Displacement @ 3594' on 3/4/2022

Survey @ 3594' = 1 Degree

1 200





Mud Report #6
 3949' 3/5/22
 Wt Vis pH
 8.9 49 10.5
 Filt Chl LCM
 7.2 3.5k 1#

Drill cutting samples at 10' intervals start at 4000'.

LS: tan/lt gry, fn xln, sm brittle, fr intxn por in sm, fw Chert: wht/opaq, sharp, no odr, ns.

LS: tan, fn xln, pr intx por in sm, fw Chert: gry/wht, infix SH: gry/bm/blu, waxy, soft, no odr, ns.

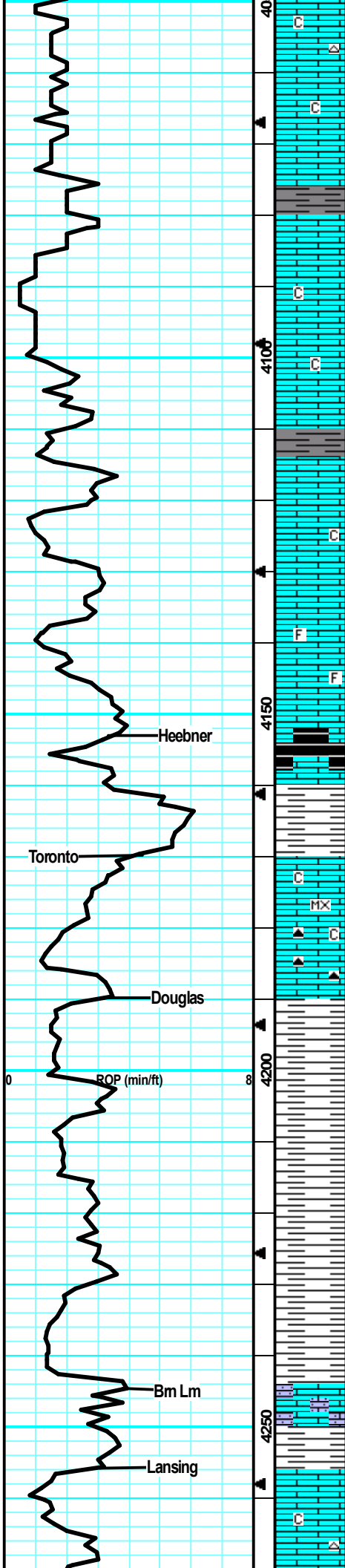
LS: tan/lt tan, sing, fn xln, fw foss frags, many brittle, pr intx por in sm, fw Chert: gry, no odr, ns.

Much of the same.

LS: tan/lt gry, fn xln, sm firm, pr intxn por in sm, infix pur chlk, no odr, ns.

LS: gry/tan, mott in prt, fn xln, dense, sm drk min stns, fw Chert: gry/wht, no odr, ns.

1 TG, C1-C5 200



LS: tan/lt gry, fn xln, many firm, fw pcs pr intxn por, abund chlk, no odr, ns.

Much of the same.

LS: tan, slight mott, fn xln, brit, sm fr intxn por, fw pcs w/ drk min stns, no fluour/cut, no odr, ns.

Much of the same, fw pcs SH: blk, carb, silty, fissile, no odr, ns.

LS: tan/lt gry, sing, fn xln, dense, fw sub-chlky, tr-nvp, no odr, ns.

LS: tan/lt gry, fn xln, fw flakey/mealy, sub-chlky in prt, tr-nvp, no odr, ns.

SH: drk gry/blk, silty, carb.

Much of the same.

LS: lt tan/lt gry, fn xln, fw flakey/mealy, tr-nvp, no odr, ns.

LS: lt gry, slight mott in prt, fn xln, fw foss frags, no odr, ns.

SH: blk, carb, soft, no odr, ns.

SH: gry/bm/blu, soft, fw waxy, fw drk/carb, no odr, ns.

LS: cm/lt tan, sing, micro-fn xln, sub-chlky in prt, tr-nvp, fw pcs pur chlk, no odr, ns.

Much of the same, svrl pcs of Chert: gry, foss, no odr, ns.

SH: blu-gry/bm, silty, soft, fw waxy, still abund LS: cm/lt tan, sing, micro-fn xln, nvp, no odr, ns.

SH: gry/blu/bm, silty, soft, no odr, ns.

Much of the sm, fw StStn: gry, gritty, friable, no odr, ns.

Much of the same SH:, dirty, no odr, ns.

SH: gry/bm/drk, silty, soft, fw fissile, no odr, ns.

Most Shale, fw LS: gry/tan, slight mott, fn xln, grainy, firm, tr-nvp, no odr, ns.

LS: tan/lt gry, fn xln, sm flakey/mealy, firm, tr-nvp, svrl SH: gry/bm, no odr, ns.

LS: tan, fn xln, sub-chlky, sm britl, tr-nvp, no odr, ns.

Start Chromatograph @ 4100'

Heebner @ 4153' (-1643)

Toronto @ 4170' (-1660)

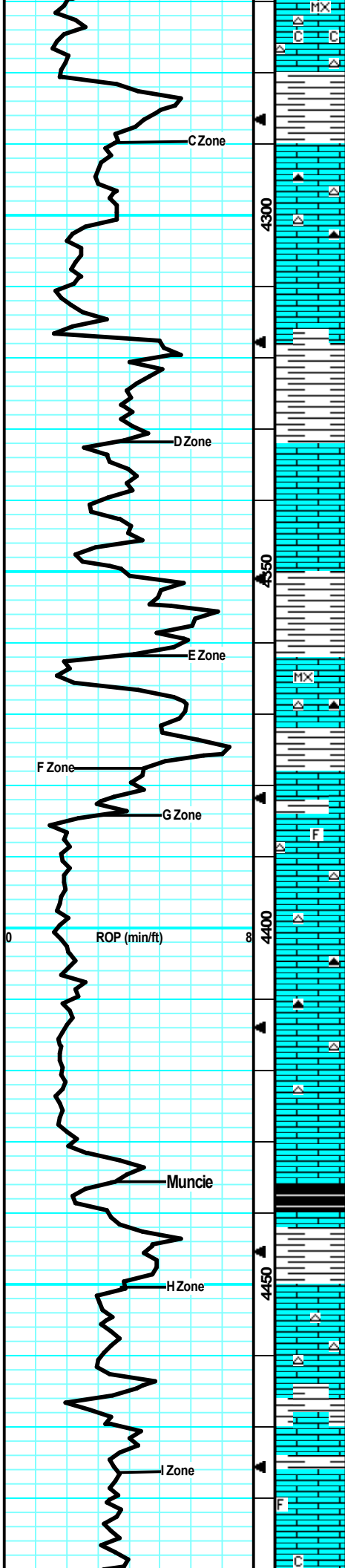
Douglas @ 4190' (-1680)

TG, C1-C5

200

Brown Lime @ 4245' (-1735)

Lansing @ 4256' (-1746)



LS: tan/lt tan, sing, micro-fn xln, chlky, tr-nvp, svrl Chert: wht/gry, foss, sharp, no odr, ns.

Much of the same, lrg amnt Sh: gry/bm, silty, soft, no odr, ns.

LS: lt tan/gry, fn xln, mostly dense, tr-nvp, svrl Chert: gry/wht, smokey, no odr, ns.

LS: lt tan/lt gry, fn xln, sm britl, tr-nvp, no odr, ns.

Much of the same.

SH: gry/bm, silty, soft, fw LS: gry/lt gry, mott, sandy/grainy, tr-nvp, no odr, ns.

LS: lt gry, slight mott, fn xln, dense, firm, fw flaky/mealy, tr-nvp, no odr, ns.

Much of the same, lrg amt SH: gry/bm, soft, no odr, ns.

SH: gry-blu/bm, soft, no odr, ns.

LS: cm/lt tan, sing, micro xln, chlky, britl, friab, tr-nvp, svrl Chert: gry/wht, trans, sharp, no odr, ns.

Abund SH: gry/blu, soft, LS lt tan, micro-fn xln, sm britl, tr-nvp, no odr, ns.

LS: lt tan, sing, fn xln, dense, sm firm, tr-nvp, fw Chert: wht/opaq, foss, sharp, no odr, ns.

LS: tan/lt tan, sing, fn xln, dense, sm firm, tr-nvp, svrl Chert: wht/gry, trans, svrl pcs pur chl, no odr, ns.

Much of the same, abund pur chl, milky smpl, no odr, ns.

SH: blk, silty, soft, carb, no odr, ns.

SH: gry/bm, soft, sm waxy, no odr, ns.

LS: tan, fn xln, dense, sub-chlky, sm britl, tr-nvp, fw Chert: wht/opaq, foss, no odr, ns.

Much of the same, fw pcs pur chl, no odr, ns.

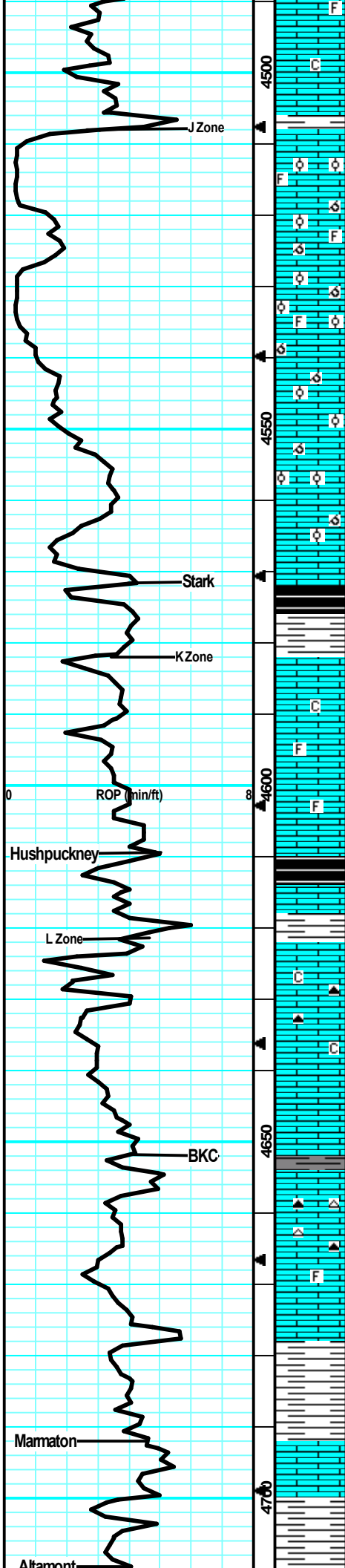
LS: lt gry/lt tan, fn xln, dense, sm firm, tr-nvp, no odr, ns.

LS: tan/lt gry, slight mott, fn xln, sm dense/firm, foss in prt, no odr, ns.

TG, C1-C5

200

Muncie @ 4436' (-1926)



LS: lt tan/lt gry, fn xln, sub-chlky, tr-nvp, fw SH: gry/blu/gm, silty, no odr, ns.

Much of the same.

LS: gry/tan, mott in prt, fn xln, sm profus foss, ool in prt, friable/britl, tr-pr intfoss por in sm, no odr, ns.

LS: gry/tan, mott, profus ool, many pcs w/ abund oolcast por, sm firm, no odr, ns.

Much of the same.

LS: tan, mott, profus ool, mostly lrg oolcast por, britl, no odr, ns.

LS: tan/gry, profus ool, much, more dense, sm pr intool por, no odr, ns.

SH: blk, carb, soft, no odr, ns.

LS: tan, fn xln, sm v ool, fr vuggy por in others, no odr, ns.

LS: tan/lt gry, sing, fn xln, sm dense, sub-chlky in prt, tr-nvp, no odr, ns.

LS: tan/lt gry, slight mott, fn xln, foss in prt, tr-nvp, no odr, ns.

Much of the same dense/firm LS.

SH: blk, silty, soft, carb.

SH: gry/bm/blk, carb, soft, fw LS: gry/tan, fine xln, tr-nvp, fw Chert: wht/opaq, no odr, ns.

LS: gry/lt tan, slight mott, fn xln, sub-chlky, tr-nvp, svrl Chert: wht/gry, sharp, no odr, ns.

Much of the same.

LS: lt gry, sing, fn xln, firm, tr-nvp, fw SH: gry, soft, no odr, ns.

SH: drk gry, silty, soft.

LS: gry, slight mott, fn xln, firm, fw flakey/mealy, sub-chlky in prt, tr-nvp, fw Chert: wht/gry, foss, no odr, ns.

LS: gry/tan, mott, fn xln, foss, many flakey/mealy, tr-pr intfoss por, abund SH: gry/bm, silty, soft, no odr, ns.

SH: gry/blu/bm, silty, soft.

LS: gry, mott, fn xln, sub-chlky in prt, tr-nvp, abund SH: lt gry/bm, silty, gritty, no odr, ns.

LS: lt tan, sing, fn xln, sm v ool, chlky in prt, britl, tr-nvp, no odr, ns.

Stark @ 4572' (-2062)

TG, C1-C5

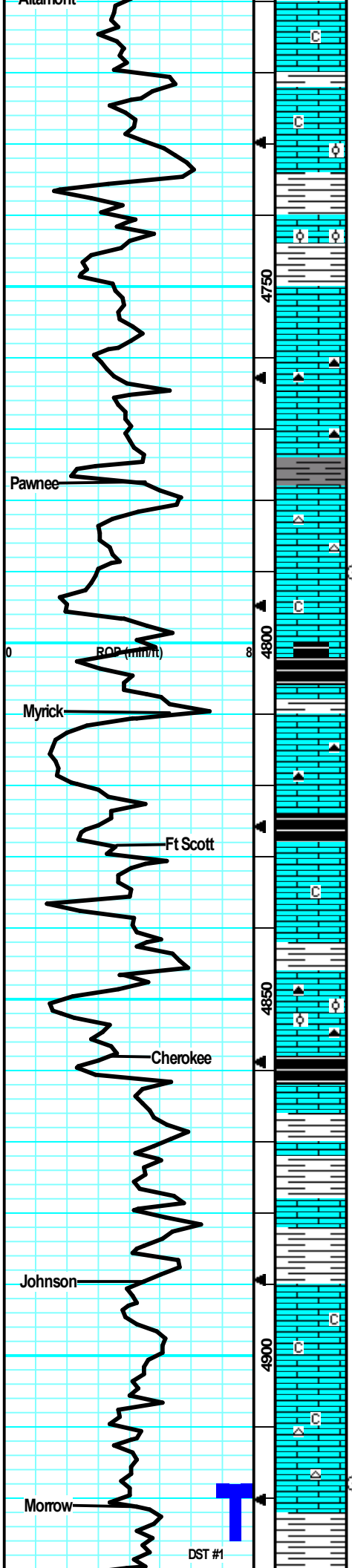
Hushpuckney @ 4610' (-2100)

Mud Report #7		
4626'	3/6/22	
Wt	Vis	pH
9.3	50	10.0
Filt	Chl	LCM
8.0	4.1k	3#

BKC @ 4642' (-2142)

Marmaton @ 4692' (-2182)

Altamont @ 4710' (-2200)



Much of the same, svrl pcs purchlk, no odr, ns.

LS: lt gry, fn xln, chlky in prt, tr-nvp, abund SH: gry/bm, soft, no odr, ns.

LS: tan/gry, mott, fn xln, fw foss/ool, firm, tr-nvp, no odr, ns.

LS: tan, fn xln, many foss/ool, sm britl, tr-nvp, no odr, ns.

SH: blu-gry/gm, silty, soft, fw LS: tan, fn xln, tr-nvp, no odr, ns.

LS: tan/lt tan, fn xln, sm britl, tr-nvp, svrl Chert: gry/smokey, foss, no odr, ns.

SH: drk gry/blk, silty, soft, fw fissile, slight carb.

LS: tan, sing, fn xln, fw sub-chlky in prt, mostly firm, tr-nvp, svrl Chert: wht/opaq, foss, no cup odr, ns.

LS: tan, fn xln, sm flakey/mealy, sub-chlky in prt, tr-nvp, abund SH: blk, soft, carb, no odr, ns.

SH: blk/drk gry, soft, sm fissile, mostly carb.

LS: lt tan/lt gry, sing, fn xln, sub-chlky, sm gritty, tr-nvp, fw Chert: gry/smokey, foss, no odr, ns.

SH: blk/drk gry, soft, mostly carb.

LS: tan/lt tan, slight mott, fn xln, sub-chlky in prt, many flakey/mealy, tr-nvp, svrl SH: drk gry/blk, no odr, ns.

LS: gry/tan, mott, many britl/friabl, chlky in prt, many sandy/grainy, tr-nvp, abund SH: drk gry/blk, silty, sm carb, no odr, ns.

LS: tan/gry, sm v ool, britl, fr-gd intool por, mostly dene, firm, fw Chert: gry/bm, foss, no odr, ns.

SH: blk, soft, carb.

LS: tan/gry, mott, fn xln, many dense/firm, fw flakey/mealy, tr-nvp, abund SH: drk gry/blk, silty, soft, fw carb, no odr, ns.

Much of the same w/ less SH.

LS: gry/tan, mott in prt, fn-crs xln, firm, sm flakey/mealy, tr-nvp, abund SH: gry/bm, no odr, ns.

Much of the same w/ a flood of purchlk, fw LS: cm/lt tan, chlky, britl/friabl, tr-nvp, no odr, ns.

LS: tan, fn xln, dense, 2 pcs w/ gd vuggy por, drk tary stns in por, no fluid, wk-no fluor; but stmg stm cut, no cup odr.

LS: tan/lt gry, sing, fn xln, sub-chlky, mostly dense, sm brittle, tr-nvp, no odr, ns.

SH: gry/drk gry/bm, soft, sm Chert: wht/opaq, foss, no odr, ns.

Atlanta @ 4710' (-2200)

Pawnee @ 4778' (-2268)

CFS @ 4790'
(30"/60")

TG, C1-C5

Ft Scott @ 4828' (-2318)

Mud Report #8		
4838'	3/7/22	
Wt	Vis	pH
9.5	45	10.0
Filt	Chl	LCM
8.8	4.3k	2#

Cherokee @ 4858' (-2348)

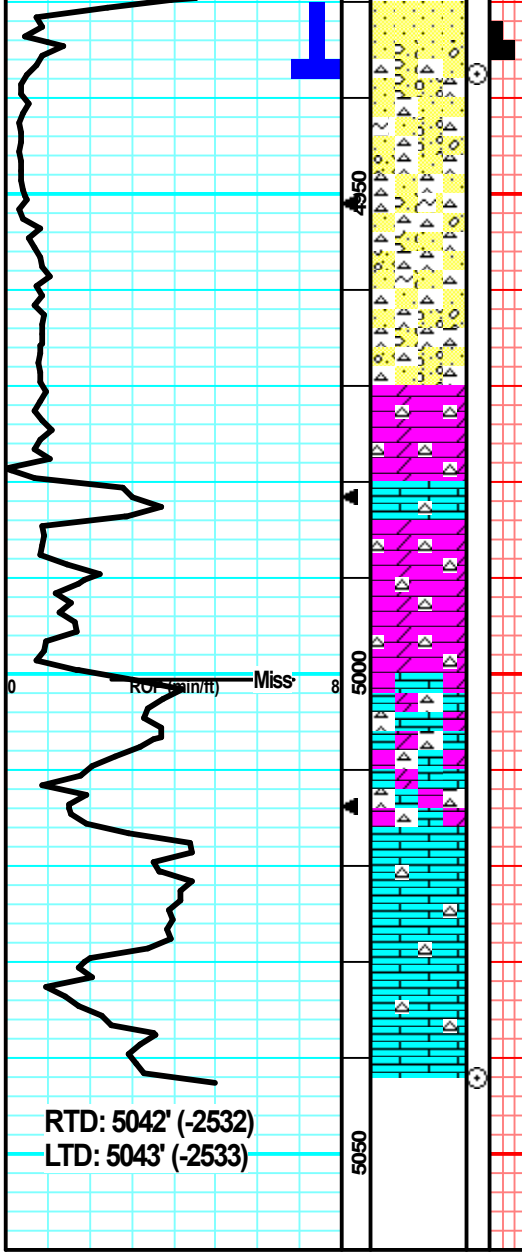
Gas Extractor was plugged. Cleaned out and reset baseline.

Johnson @ 4890' (-2380)

Mud Report #9		
4937'	3/8/22	
Wt	Vis	pH
9.3	50	11.0
Filt	Chl	LCM
6.0	4.2k	2#

Morrow @ 4931' (-2411)

DST #1



SS: gry, wel cem cluster, fw glauc specs, sub anglr, pr sorting, fw firm, sm lght brwn stns, and oil cling rx chpin 3-4 pcs, sm loose oil in try, gd fluour, strm cut, strng cup odr, fsfo.

SS: lt gry/yel/trans, sub-ang, v pr srtd, fr-gd intgm por, sm patch light bm stns, gd fluor/cut, mixed w/ svrl Chert: wht/opaq/yel, sm pyr, fr cup odr, fsfo.

Much of the same SS: lt gry, trans, sub-ang-sub-md, pr sortd, gd intgm por, sptd stns and oil sphr on rx chp, go odr, fsfo in svrl pcs, fw DOL: tan/lt bm, fn xln, sucr, britl, pr-fr intxn por, lrg amnt Chert.

DOL: tan/lt bm, fn xln, xm sucr, tr-pr ppt inxln por, britl, abund Chert: wht/opaq, foss, sharp, nsfo, fr resid cup odr.

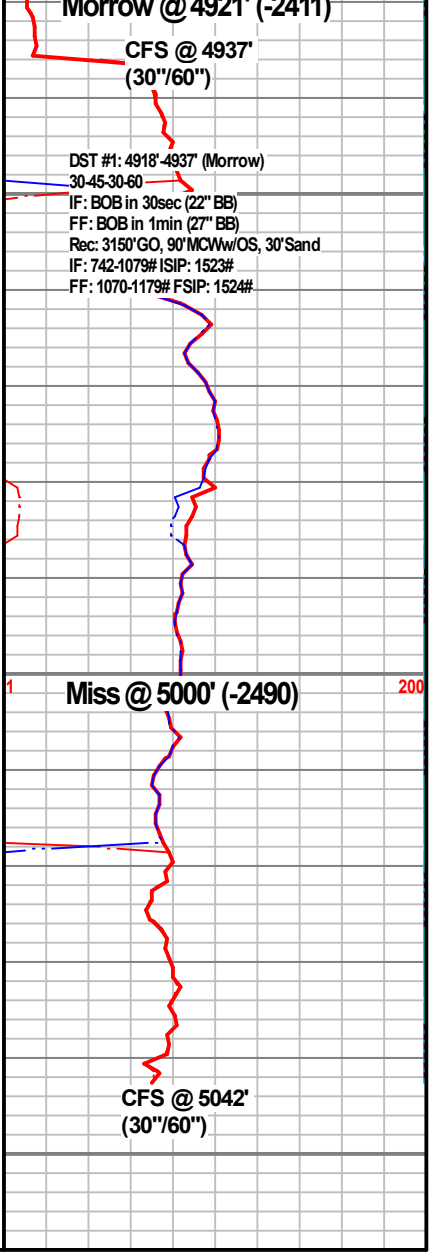
Chert: cm/lt gry/why/yel, sharp, foss, sm wthrd, fw DOL gry & tan, fn xln, tr-pr ppt intxn por, nsfo.

DOL: tan, fn xln, dense, sm firm, tr-nvp, abund Chert: why/gry, foss, sharp, no cup odr, ns.

Much of the same Chert & DOL mix, infix LS: lt gry/lt tan, fn xln, sub-chlky, sm britl, tr-nvp, ns.

Mostly LS: cm/lt tan, sing, chlky in prt, britl, tr-nvp, abund Chert: wht/gry, foss, sharp, no sfo

Much of the same, lrg amount of SH: gry/bm, nsfo.





RITCHIE

EXPLORATION, INC.
Wichita, Kansas

#1 Fischer 10A

1,934' FNL & 1,777' FEL

46' N & 127' W of E/2 SW NE Section 10-26S-24W

Ford County, Kansas

API# 15-057-21064-0000

Elevation: GL: 2,498', KB: 2,510'

Sample Tops			Ref. Well
Anhydrite	1594	+916	+7
B/Anhydrite	1632	+878	+11
Stotler	3532	-1022	-2
Heebner	4153	-1643	Flat
Toronto	4170	-1660	Flat
Lansing	4256	-1746	Flat
Muncie	4436	-1926	+5
Stark	4572	-2062	-1
Hush	4610	-2100	Flat
BKC	4652	-2142	+2
Marmaton	4692	-2182	+1
Altamont	4710	-2200	+4
Pawnee	4778	-2268	Flat
Ft. Scott	4828	-2318	+3
Cherokee	4858	-2348	-1
Johnson	4890	-2380	+6
Morrow	4921	-2411	+2
Mississippian	5000	-2490	NA
RTD	5042	-2532	

QUALITY WELL SERVICE, INC. 7899

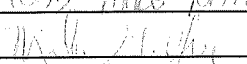
Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-727-3410
Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
3-1-22	10	26S	24W	Ford	Ks		
Lease Fischer	Well No. 10A-1		Location 283' 50" Jct W to 116" 1/2"				
Contractor Duke Dalg KG 11			Owner W. Pinto				
Type Job Surface	To Quality Well Service, Inc. 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. 316'	Charge To Archie Explorations Inc.					
Csg. 8 5/8 23'	Depth 313'	Street					
Tbg. Size	Depth	City State					
Tool	Depth	City State					
Cement Left in Csg.	Shoe Joint 25'	The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line	Displace 184	Cement Amount Ordered 300 cc Common					
EQUIPMENT				2 1/2 Gal 3 1/2 CL 1/2" PS USED 225			
Pumptrk 8 No.			Common 225				
Bulktrk 12 No.			Poz. Mix				
Bulktrk No.			Gel. 423 #				
Pickup No.			Calcium 635 #				
JOB SERVICES & REMARKS				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal 113"			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
Run 7 1/2" 8 5/8 23" CSG SET @ 313'				Sand			
START CSG CSG ON BOTTOM Hook to				Handling 248			
CSG & BREAK CIRC W/CL				Mileage 100/10,000			
START Pumping H2O				FLOAT EQUIPMENT			
START mix: Run 225 cc Common				Guide Shoe			
2 1/2 Gal 3 1/2 CL 1/2" PS @ 14.8" / GAL				Centralizer			
START Also				Baskets			
Close Valve on CSG 14.3 3/4 150"				AFU Inserts			
Close CIRC H2O TO 203				Float Shoe			
CIRC OFF TO PST				Latch Down			
				SERVICE SUP 1 EA			
				60			
				Pumptrk Charge surface			
THANK YOU				Mileage 120			
PLEASE CALL PRATT				Tax			
TODD MIKE PATTON				Discount			
X Signature 				Total Charge			



CHARGE TO: Richie Expiration
 ADDRESS
 CITY, STATE, ZIP CODE

PAGE 1 OF 2

TICKET 34272

1. SERVICE LOCATIONS KS WELL/PROJECT NO. 18-A #1 LEASE Fischer COUNTY/PARISH Ford STATE KS CITY location DATE 3-9-22 OWNER
 2. Ness City TICKET TYPE SERVICE CONTRACTOR DuKe RIG NAME/NO. #1 SHIPPED VIA CT ORDER NO.
 3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE long string 5 1/2" WELL PERMIT NO.
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY. U/M		QTY. U/M		UNIT PRICE	AMOUNT
				QTY.	U/M	QTY.	U/M		
575			MILEAGE <u>Track 1/2</u>	60	mi			6.00	360.00
578			<u>Ramp Charge - long string</u>	1	Job			1500.00	1500.00
404			<u>Part collar</u>	1	ea	5 1/2"		2500.00	2500.00
403			<u>CMT Gas Rets</u>	2	ea	5 1/2"		275.00	550.00
406			<u>Latchdown Plug & Duffle</u>	1	ea	5 1/2"		250.00	250.00
407			<u>Inject Float Shanty Auto Fill</u>	1	ea	5 1/2"		325.00	325.00
409			<u>Turbo 1/2ers</u>	5	ea	5 1/2"		90.00	450.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.
 X

DATE SIGNED 3-9-22 TIME SIGNED 2:30 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UNDECIDED	DISAGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL 2 TOTAL 14065.00

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Patricia Adams APPROVAL [Signature]

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 34272

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				DATE	PAGE	OF	
		LOC	ACCT	DF			QTY	U/M	QTY	U/M				UNIT PRICE
325						Standard CMT	200	SK			14,50	2	900,00	00
279						Gel	4	SK			30,00		120,00	
283						Salt	1000	Lb			025		250,00	
290						Fluad 332	100	Lb			8,50		850,00	
277						Gilsonite	1000	Lb			1,25		1250,00	
281						Mud Flush	500	gal			1,50		750,00	
221						Liquid KCL	2	gal			25,00		50,00	
290						D-Air	4	gal			42,00		168,00	
581														
583														
SERVICE CHARGE						CMT					2,00		400,00	
MILEAGE CHARGE						20500					1,00		615,00	
TOTAL WEIGHT						60								
LOADED MILES						60								
CUBIC FEET						200	SK							
TON MILES						615								
CONTINUATION TOTAL												2	2	7353,00

CUSTOMER Rich's Exploration

WELL Fisher 10-9-4 #1

DATE 3-9-22

PAGE 2 OF 2

JOB LOG

SWIFT Services, Inc.

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Richie Exploration		10-A #1		Fisher		longstring 5 1/2		34272	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	14:30								DN location 5 1/2" 15.5 lb TP-5036' shoe-42.3' PC-1575' #83 Turbochargers 1, 3, 4, 82, 84 Baskets 83, 98 start 5 1/2" casing drop ball + circulate
	16:30								
	18:35								
	19:55	4	12		✓				Pump 500 gal Mud Flush Pump 2000l KCL spacer
		4	20		✓				
	20:05	3	12		✓				Plug BH, MH (30, 20)
	20:15	4	36		✓	300			mix 150 SKS cmt at 14.7
	20:35								Wash out pump lines Drop latch down plug
	20:45	6	0-		✓				start displacement
		6	96		✓	400			lift psi
		6	115		✓	800			max lift psi
	21:00	4	119		✓	1700			land plug Release PSI
	21:15								Wash truck
	21:30								Job complete
									300 SKS of Standard, 2 Page 1, 10% salt, 1/2% halad 322, 5 1/2" gilson No per sack used
									Thanks! Preston, Kirby, John



CHARGE TO: RENTALS EXPIRATION
 ADDRESS
 CITY, STATE, ZIP CODE

CITY, STATE, ZIP CODE

TICKET 34445

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>NESS CRT, KS</u>	WELL/PROJECT NO. <u>10-A #1</u>	LEASE <u>FISCHER</u>	COUNTY/PARISH <u>FORD</u>	STATE <u>KS</u>	CITY	DATE <u>3-18-2022</u>	OWNER <u>SAME</u>
	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>H-D OILFIELD SERVICE</u>	RIG NAME/NO.	SHIPPED VIA <u>CR</u>	DELIVERED TO <u>LOCATION</u>	ORDER NO.	
	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>Cement Port Cover</u>		WELL PERMIT NO.	WELL LOCATION <u>N/WAGHTY, KS</u>	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	MILEAGE #	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT			DF	UM	UM		
575					112	60	MT		1500	900
576D				PUMP CHARGE - PORT COVER		1	300	FT	1500	4500
329-8				60/40 Pozmax (8% ced)		2	10	SYS	1200	2400
275				COTTONSEED HUIUS		0	5	SYS	3500	17500
290				D-ADR		3	42	GAL	4200	12600
581				SEIZE CHARGE CEMENT		300	5	SYS	200	60000
583				DRAVAGE		26	110	185	783.3	17833.30

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

DATE SIGNED
3-18-2022 TIME SIGNED
1000 A.M. P.M.

SWIFT OPERATOR Wayne Wilson

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL \$889.30
 TOTAL \$198.45

SWIFT OPERATOR Wayne Wilson APPROVAL Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 3-18-2022 PAGE NO. 1

CUSTOMER RITCHIE EXPLORATION WELL NO. 10-A #1 LEASE FISCHER JOB TYPE CEMENT PORT COLLAR TICKET NO. 34445

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							ON LOCATION
								TUBING - 2 7/8 CASING - 5 1/2 PORT COLLAR = 1576'
	1205				✓		1200	PSE TEST - HELD
	1215	3	3	✓		300		OPEN PORT COLLAR - INJ RATE
	1220	3 1/2	69	✓		300		MAX CEMENT - 210 SKS 60/40 POZ 8% GEL
	1240	3 1/2	8	✓		450		DISPLACE CEMENT
	1250			✓		1200		CLOSE PORT COLLAR - PSE TEST - HELD CIRCULATED 15 SKS CEMENT TO PRT
	1305	3 1/2	25	✓		400		RUN TUBING - CIRCULATE CLEAN WASH TRUCK
	1325							PULL TUBING
	1415		4	✓		300		PSE UP CASING - SHUT IN
	1430							JOB COMPLETE
								THANK YOU WAYNE, KERBY, ISAAC