

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)</i> <i>(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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Form	ACO1 - Well Completion
Operator	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	SIS 1
Doc ID	1562727

All Electric Logs Run

Dual Induction
Porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	SIS 1
Doc ID	1562727

Tops

Name	Top	Datum
Stone Corral	2998	+94
Foraker	3612	-520
Stotler	3754	-660
Oread	3899	-807
Lansing A	3095	-943
Lansing B	4093	-1001
Lansing C	4141	-1049
Lansing D	4194	-1102
Lansing E	4238	-1146

WESTON LAFON WELLSITE GEOLOGY**WELL INFO**

Well Name: Sis #1
 Location: E/2 E/2 SE sec. 3, T. 1S, R. 35W
 Footage: 1235' FSL, 330' FSL
 County/State: RAWLINS Co., Kansas
 Field: Wildcat
 Coordinates: N 39.990864 , W -101.225384
 API #: 15-153-21255

Ground Elev: 3087' KB Elev: 3092'
 Logged Interval: 3100' - TD Total Depth:

OPERATOR INFO

Company: Meridian Energy Inc.
 Address: 1475 Ward Cir.
 Franktown, CO 80116

CONTRACTOR

Contractor: Murfin Drilling
 Rig #: 7
 Rig Type: Rotary Double
 Spud Date: 12/26/2020 Time: 12:00 AM
 TD Date: Time:
 Rig Release: Time:

WELLSITE GEOLOGIST

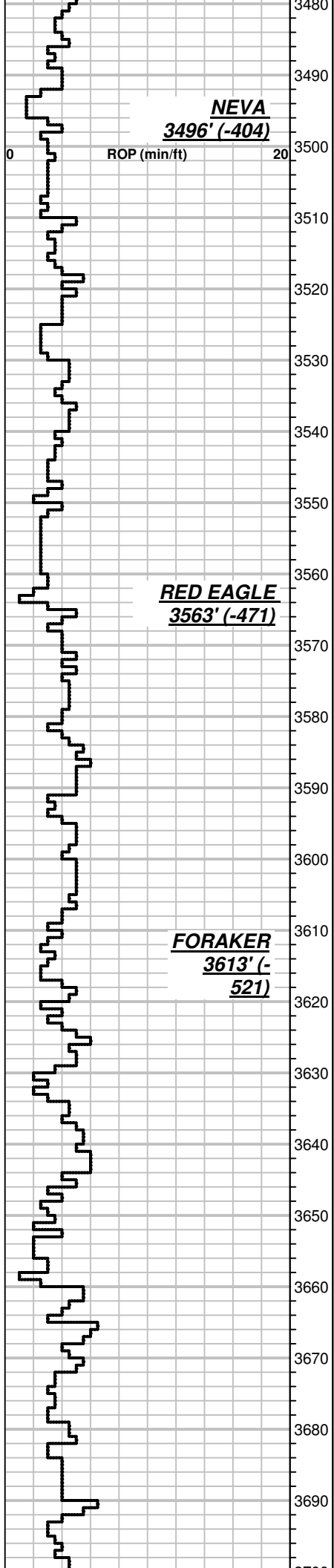
Geologist: Weston LaFon
 Address: PO Box 9867
 Denver, CO 80209
 Phone: 303-594-1732
 Email: wslafon@gmail.com

DRILL STEM TESTS

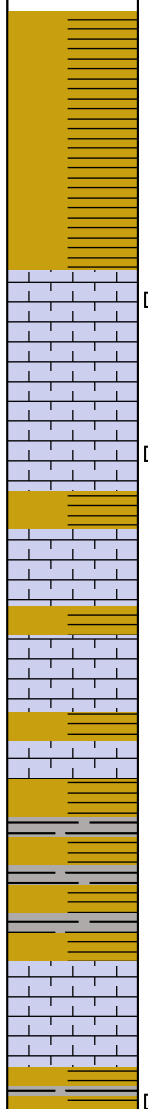
No.	Interval	Formation	Recovery
1			
2			
3			
4			

FORMATIONS

Formation	Depth - Samples	Depth - Logs	Subsea
Stone Corral	2997' (+95)	2998	+94
Neva	3496' (-404)		
Foraker	3613' (-521)	3612	-520
Stotler	3756' (-664)	3754	-660
Oread	3892' (-799)	3899	-807
Toronto			
Lansing A	4032' (-940)	3095	-943
Lansing B	4090' (-998)	4093	-1001



MudCo
Mud check 12/29/20
 Depth 3544' Btms Up: 33min
 Wt: 9.1 VF: 71 Filt: 6.4
 Cake: 1/32" LCM: 5 YP: 17
 Chlor: 1000ppm
 MudGrad: .473psi/ft



3585-93 Shale w/ some green, soft, some pyrite

3593-3603 Sh red arg and clay

3603-11 Varicolored shales red/green, sparse lmstns, fine xtln limestone w/ poor interxtln por, filled with bitumen, no live oil, tr tarry oil

D 3611-24 lmstn light to dark gray, poor visible por, no live oil, good slug of lmstn, some with dead tarry bitumen

D 3624-34 soft friable wht limestone w/ dead tarry bitumen, also LS lt gray-med gray grainstone, very hard, no por, no free oil

lt gray dense hard LS, no live oil some dead tarry bitumen 3634-43

lt tan med gray hard dense LS microxtln soft to hard NS 3643-48

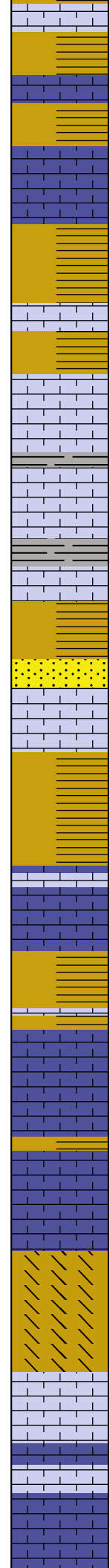
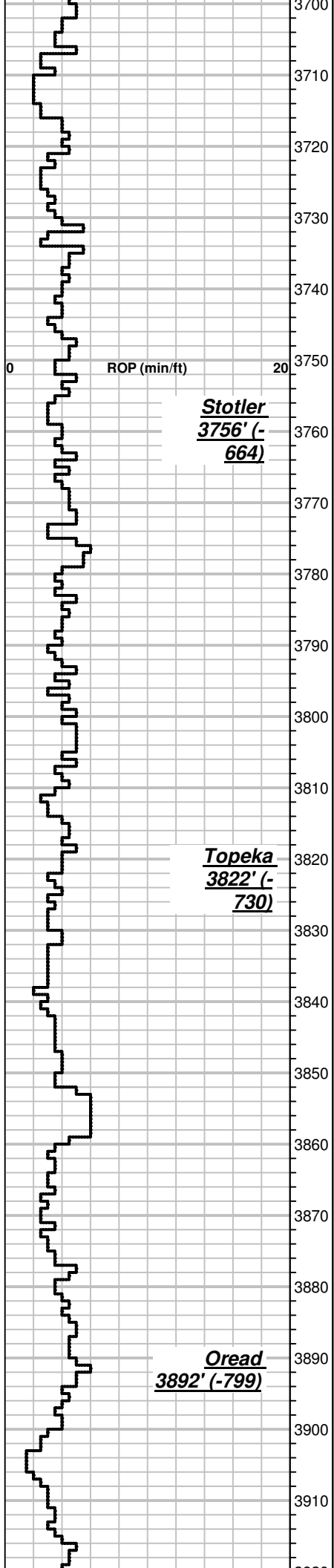
LS light to drk gray, hard to soft, poor visible porosity, some with dead tarry bitumen 3648-64

varicolored shales red/green/black, red argillaceous sand 3664-72

AA, some cream colored LS hard dense NS 3672-83

lt gray hard fine xtln LS, no vis por, NS, good slug of LS 3683-92

D red argillaceous sand with red/green shales, some wht LS



with dead tarry bitumen, microxtln, poor vis por could be cavings 3692-3702

black/red shales, some lt pink brown micro/cyprto xtln LS no por, NS 3702-10

varicolored shales, red/grn/blk, tr microxtln LS no por NS 3710-3720

ly gray micritic LS w/ varicolored shales NS 3720-33

varicolored green/red/blk shales pyritic nodules 3733*-43

green/red shales, pry nodules, w some lt grn well cmnt micrxtln LS 3743-52

oolitic grainstones, most dense, well cemented, some with fair porosity with tarry oil. light scum of oil in cup faint odor. Patchy porosity poorly connected 3752-63

AA but with poorer show, red and black fissile shales 3763-74

medium xtln hard LS, no por, NS 3774-83

Red/black shales and med xtln well cmnt LS no por NS 3783-93

Soft friable sand, medium brwn, intrgranular por, wet some with dead hvy bitumen. Also well cemented oolitic grainstone, patch por and some very asphaltic tarry oil. 3793-3804

reddish/black shales 3804-13

AA 3813-21

red/green sh w/pyr, tight hard microxtln LS NS 3821-30

reddish shales, micro xtln hard wht to crm LS no por NS 3830-42

microto crypto xtln LS, hard to soft, wht and gray no por NS, good slug lie 3842-55

medium xtln LS hard, poor por with dead bitumen, tr tarry oil no free oil 3855-61

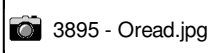
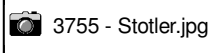
AA

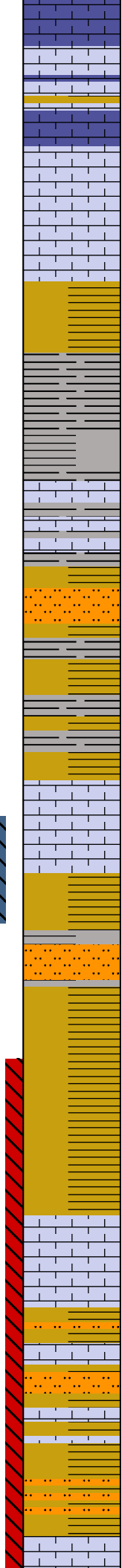
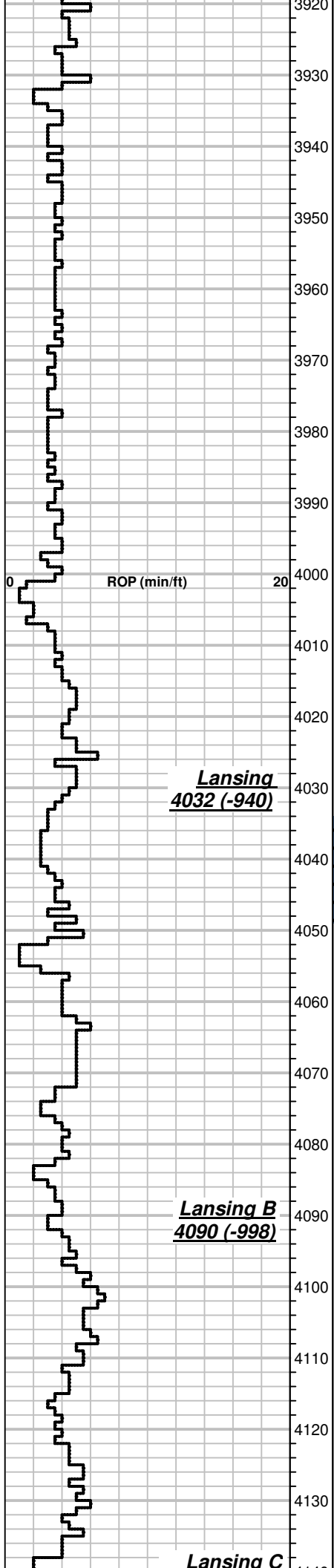
medium xtln tite LS, grayish, NS tite, some bitumen 3871-84

oolitic grainstone w/ intrgranular porosity, dead bitumen, no bleeding free oil 3884-93

oolitic fine grained grainstone w/ intrgranular por and dead bitumen, also finer grained almost chalky LS with tr dead bitumen, soft friable, no free oil 3893-98

crypto xtln wht to gray LS, hard, no por NS 3898-3911





wht very soft chalky LS, good porosity but wet, NS also microxtln LS very hard, no por NS 3911-22

LS cryptoxtn hard, no por, some soft chalky bits as well NS 3922-30

AA also some oolitic grainstones w/bitumen, porb cavings 3930-41

LS, lt gray to wht microxtln, no porosity 3941-51

LS microxtln, soft to hard, no vis por, NS 3951-61

AA some red and black shales 3961-70

dark grey to black shales 3970-80

blackish gray shales, grayish brown microxtln LS no por NS 3980-90

AA but with more LS

Grayish brwn microxtln LS no por NS and vf grained quartz siltstone, friable, gray NS 3997-4013

medium xtn, wht LS w/ scattered pin point vugular porosity, fair show of asphaltic tarry oil, no free oil, no odor or scum in cup 4026- 4036

micro xtn wht LS w/ fair scattered vugular porosity, live free oil scum in cup fair odor 4036-47 cfs 30" 60"

varicolored shales 4040-49

siltstone light gray and green, very fine grained, calcite cement, soft very friable. no show 4049-64

Brick red shales, green very argillaceous 4064-71

AA 4071-80

fine xtn crm to wht LS w? scattered vugular porosity, some large vugular surfaces stained with oil, fair to good stain on porous surfaces, some sample is dense and hard no por or stain. Good odor, scum and oil droplets in cup 4080-93

fine xtn LS, patchy porosity with fair to good stain where present, no ofor, slight scum in cups, mixed with varicolored shales 4093-4104

black/red/green siltstones and shales, cryptoxtn LS sparse vugular porosity, fair show in some cuttings scum in cup 4104-4111

varicolored shales, few pieces of fine xtn LS w/ pin point porosity and oil spots, spotty stain, could be B" or cavings from above. **CHECK LOGS 4111-23**

red green vf grained siltstones, gummy gray shale well sorted organic inclusions no vis por NS 4123-31

medium to coarse xtn LS pinpoint to vugular porosity fair

Lansing
4032 (-940)

Lansing B
4090 (-998)

Lansing C

Mud Check 12/30/20
Depth 3934' Btms up: 37min
Wt 9.4 VF: 57 Filt 8.0
Cake: 1/32" LCM: 5 YP: 18
Chlor: 1000ppm
MudGrad: .489psi/ft

MudCo
Mud check 12/31/20
Depth 4047' Btms up: 38 min
Wt: 9.2 VF: 59 Filt 6.4
Cake: 1/32" LCM 4 YP: 17
Chlor: 1,500
MudGrad .478 psi/ft

4036 -lansing.jpg

4036 a - Lansing.jpg

DST #1 A zone.jpg

DST #1
2-45-45-60
1' OCM (6% O 94% M)
27 psi ISIP
32 psi FSIP

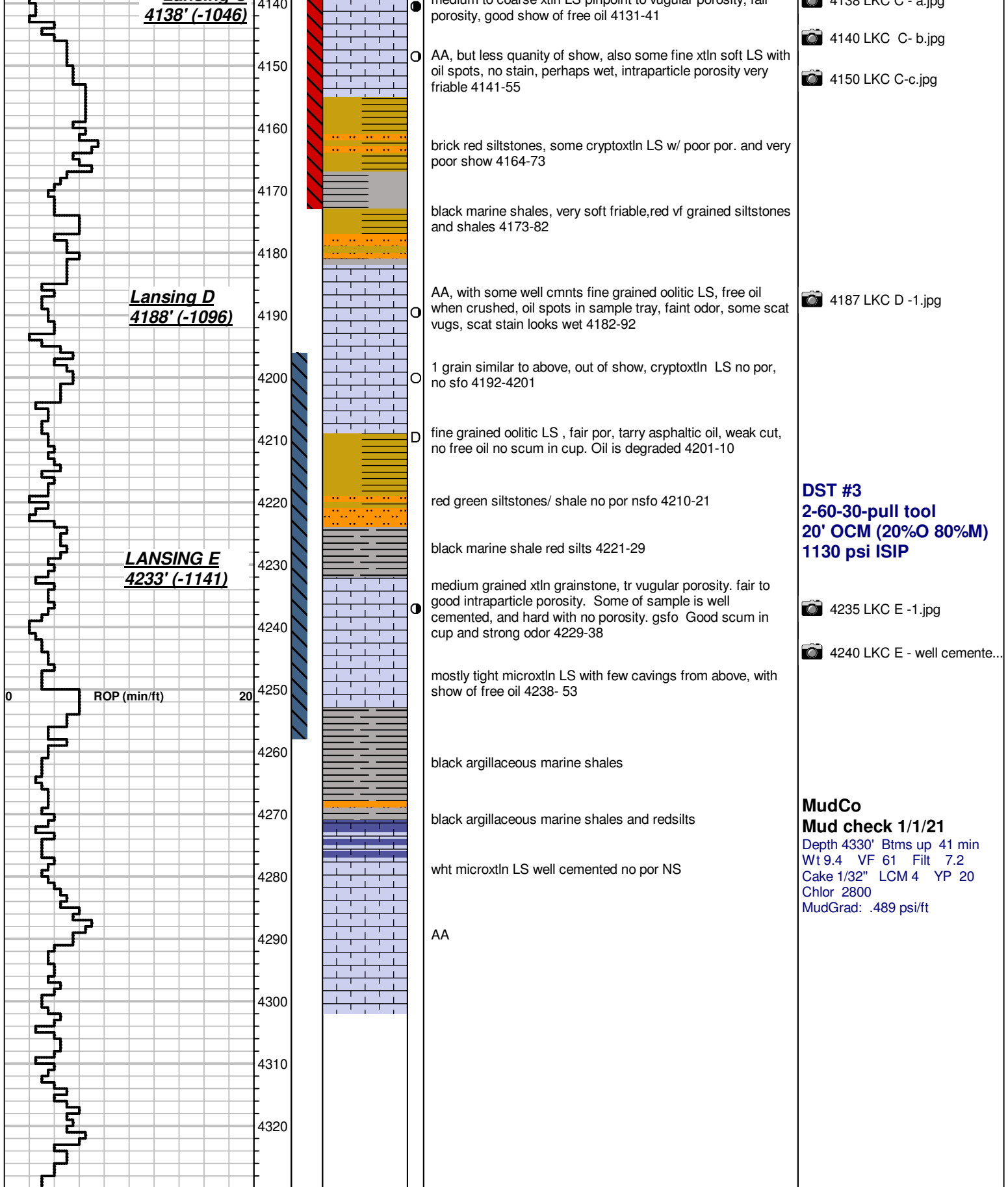
4092 LKC B -a.jpg

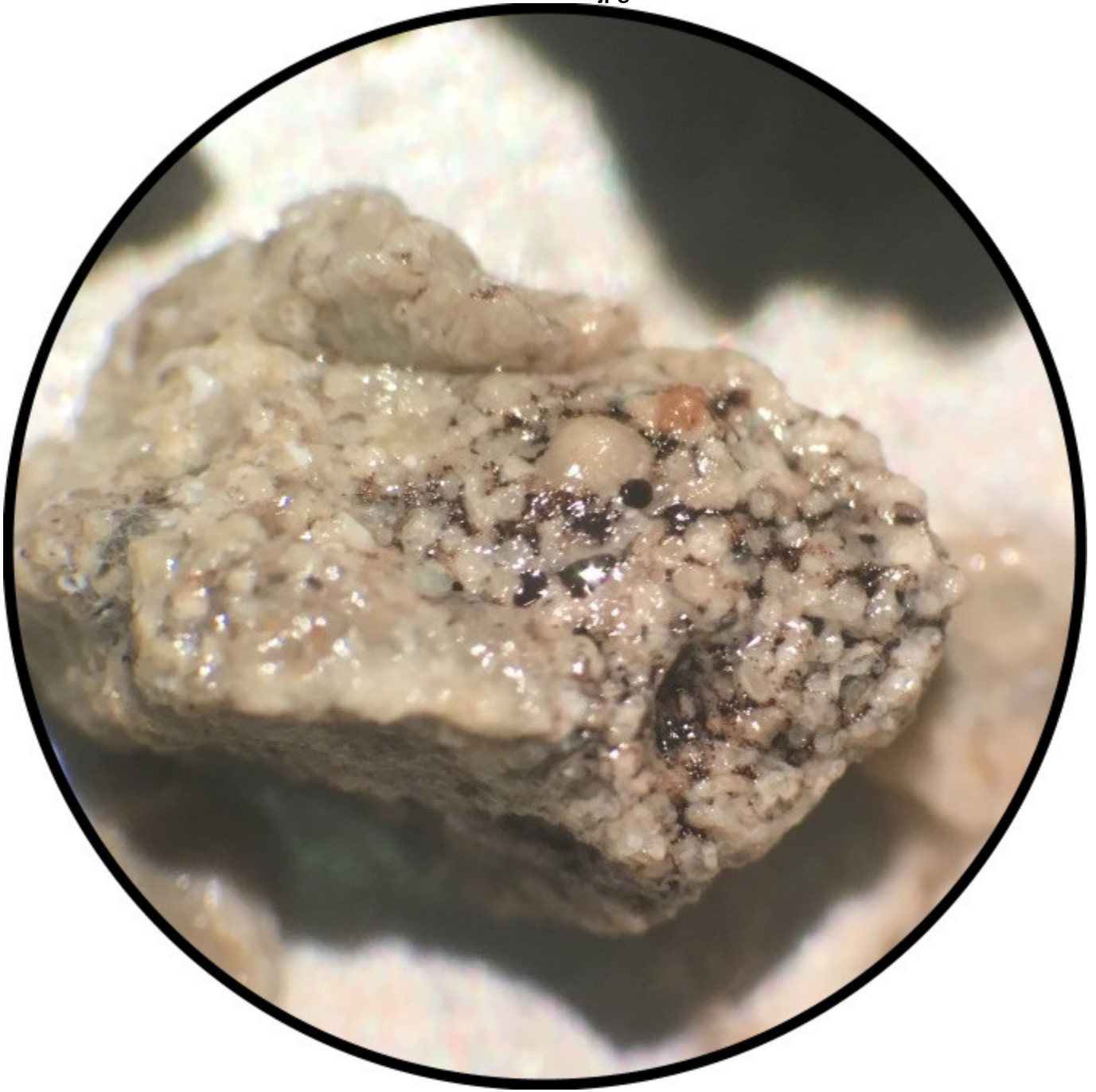
4100 -LKC B -b.jpg

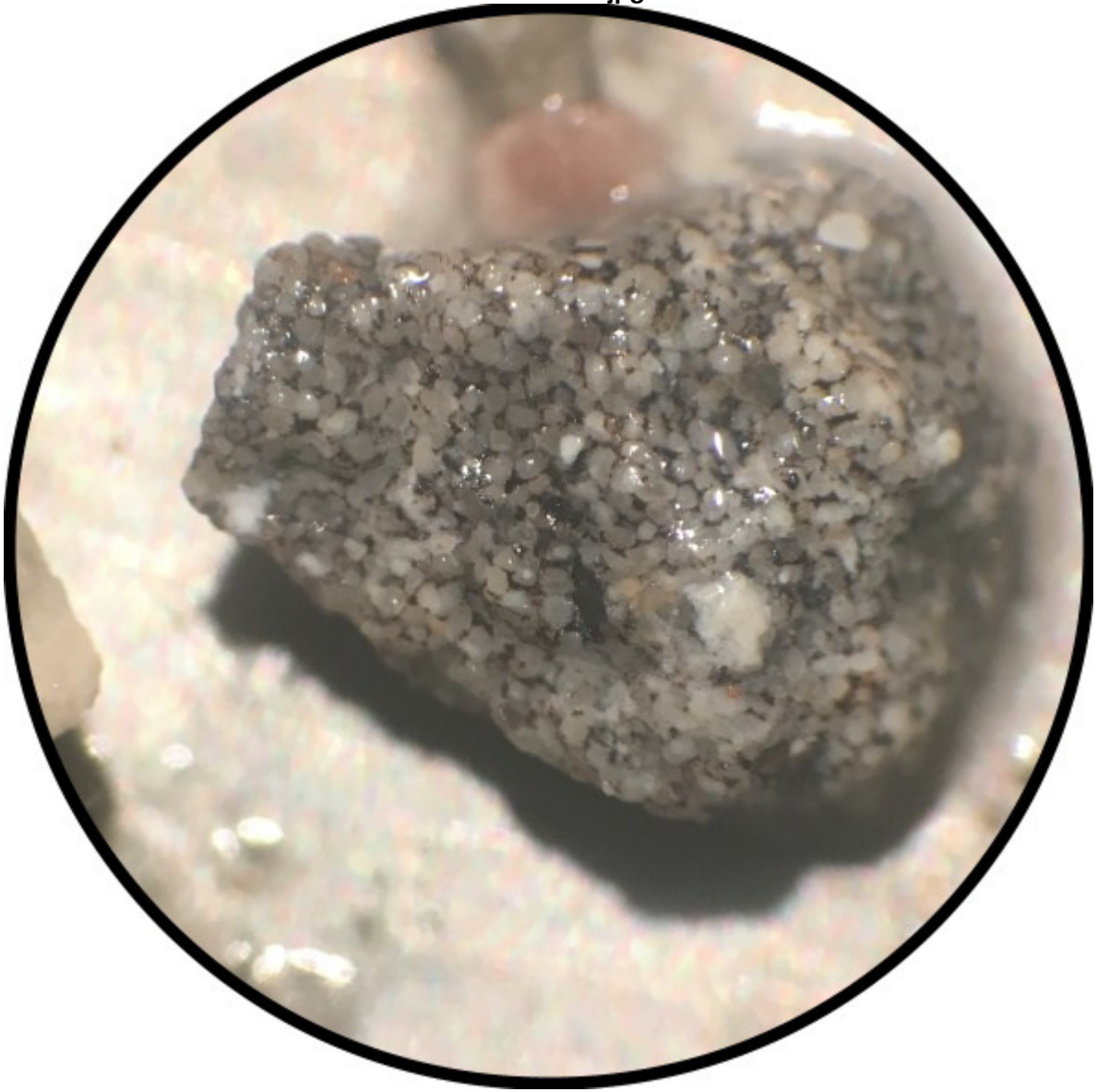
Screenshot_65.jpg

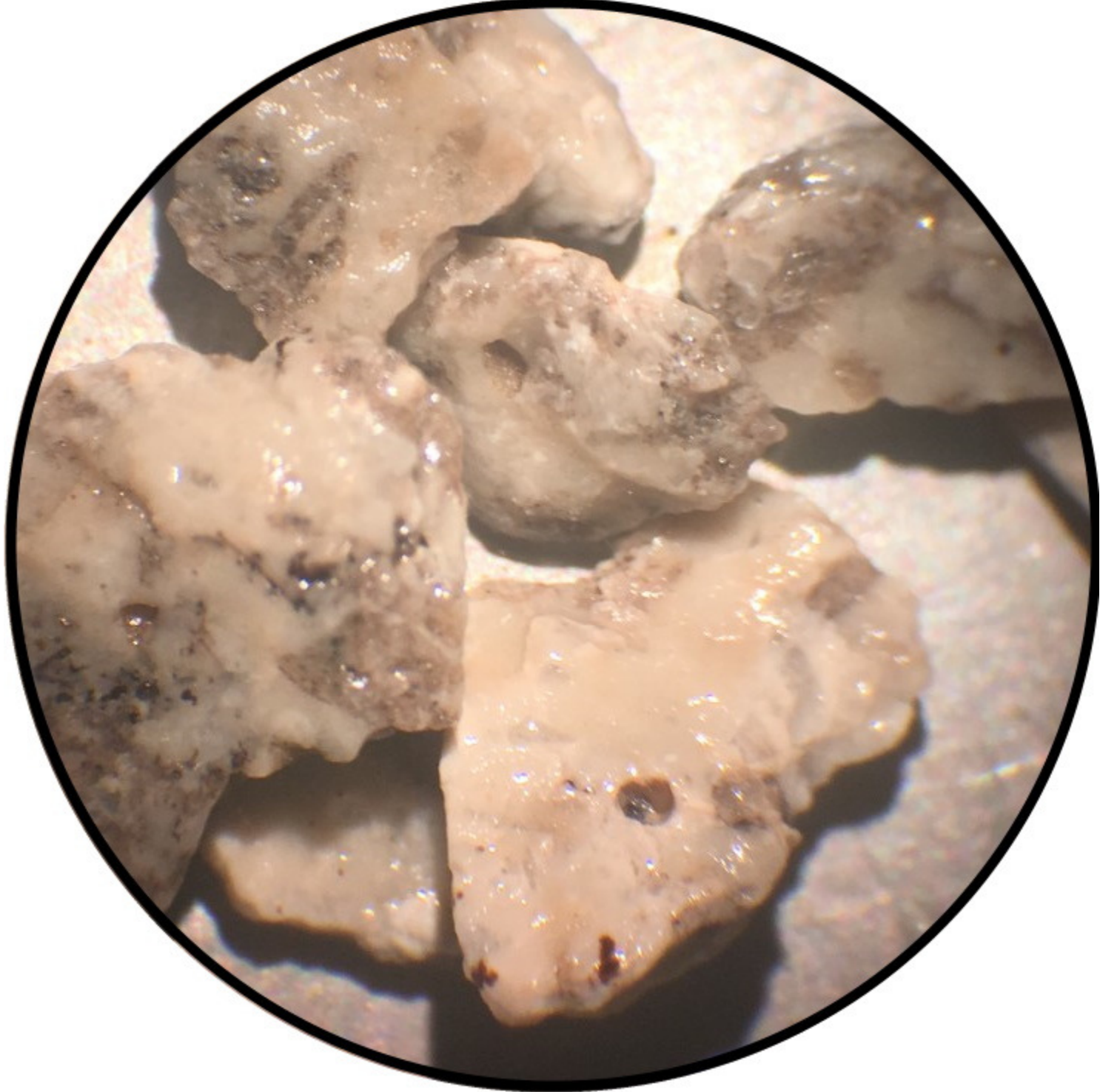
DST #2
2-45-45-pull tool
10' OCM (8%O 92% M)
31 psi ISIP

4128 LKC C -a.jpg

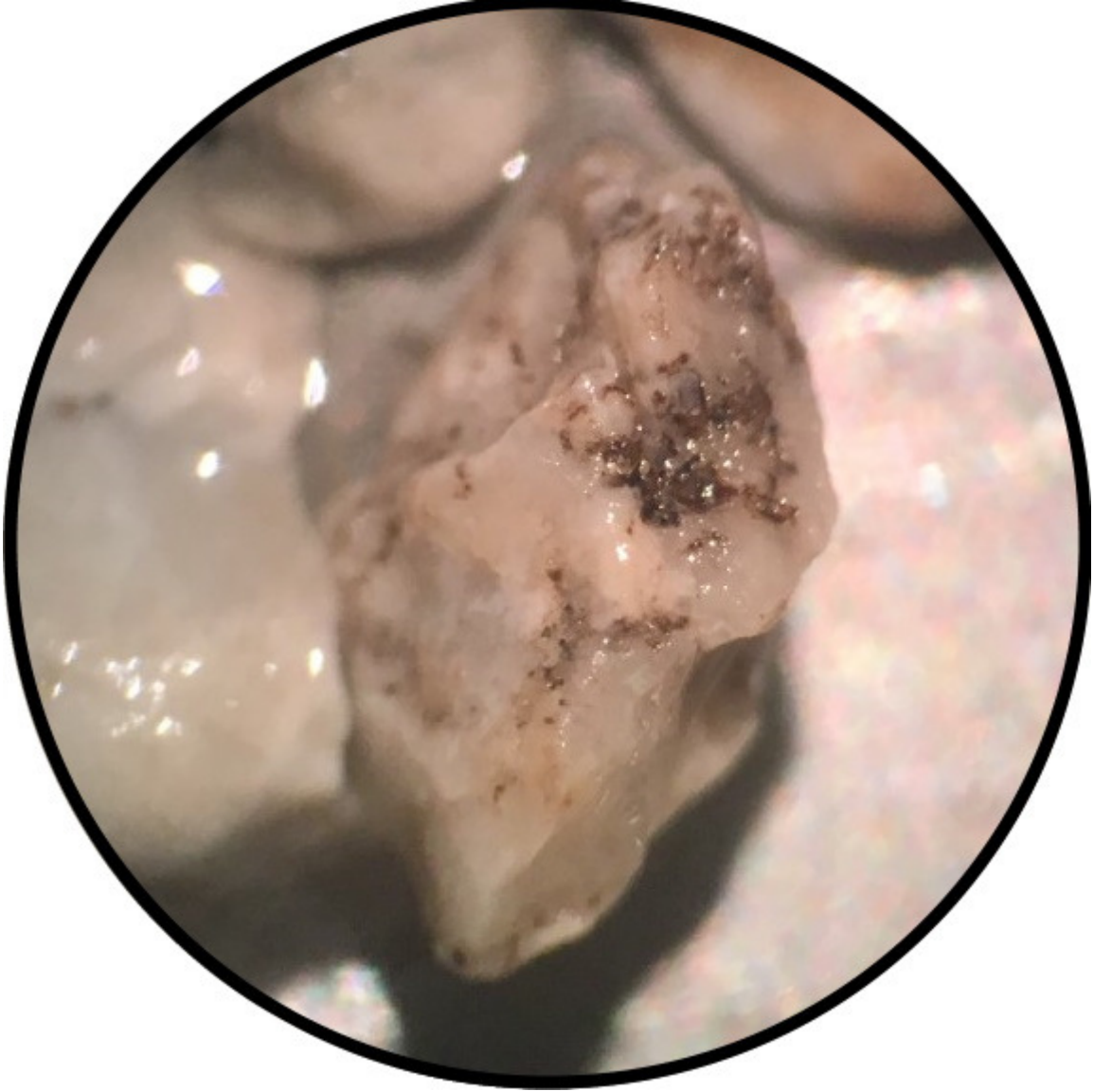


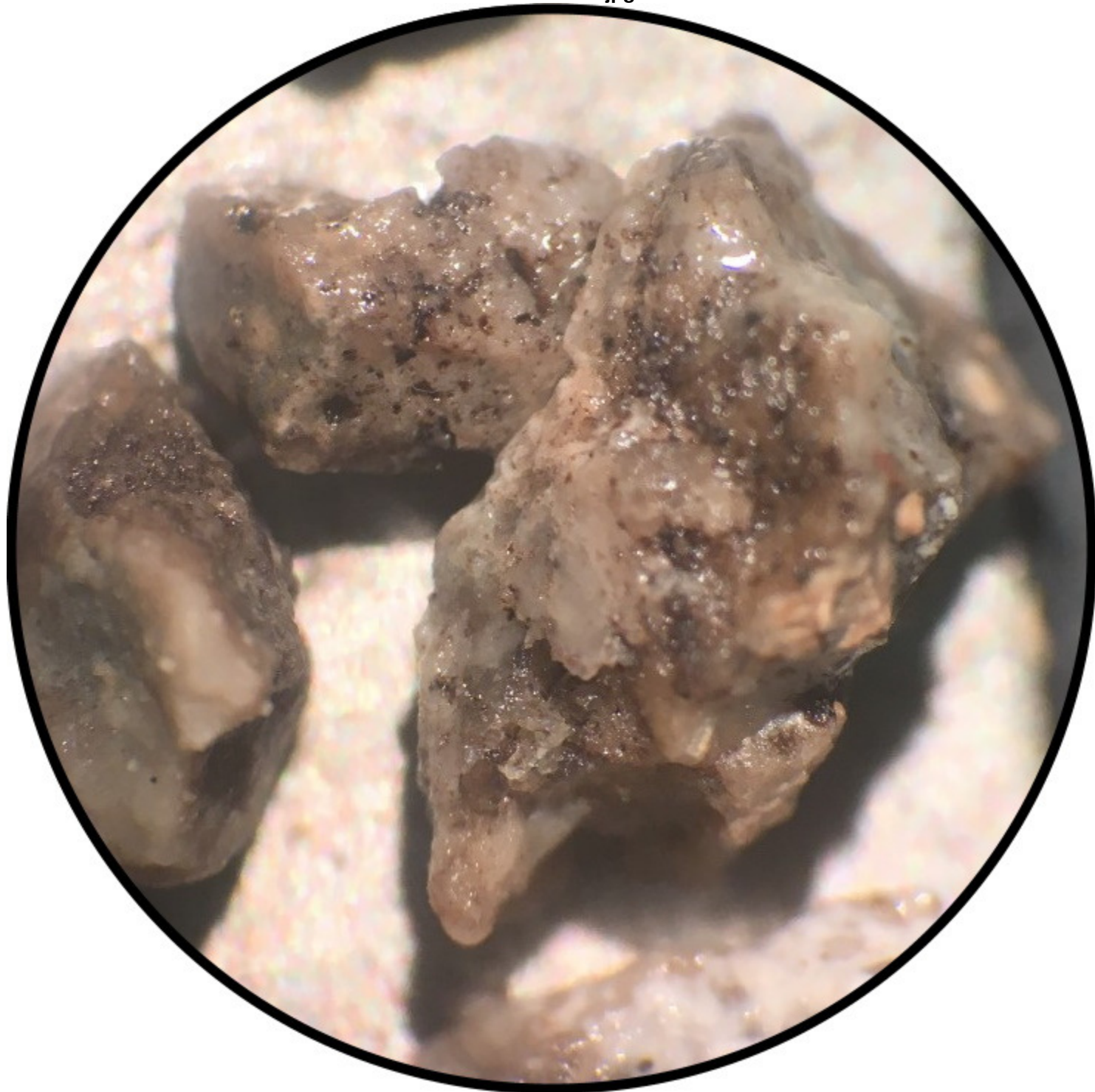


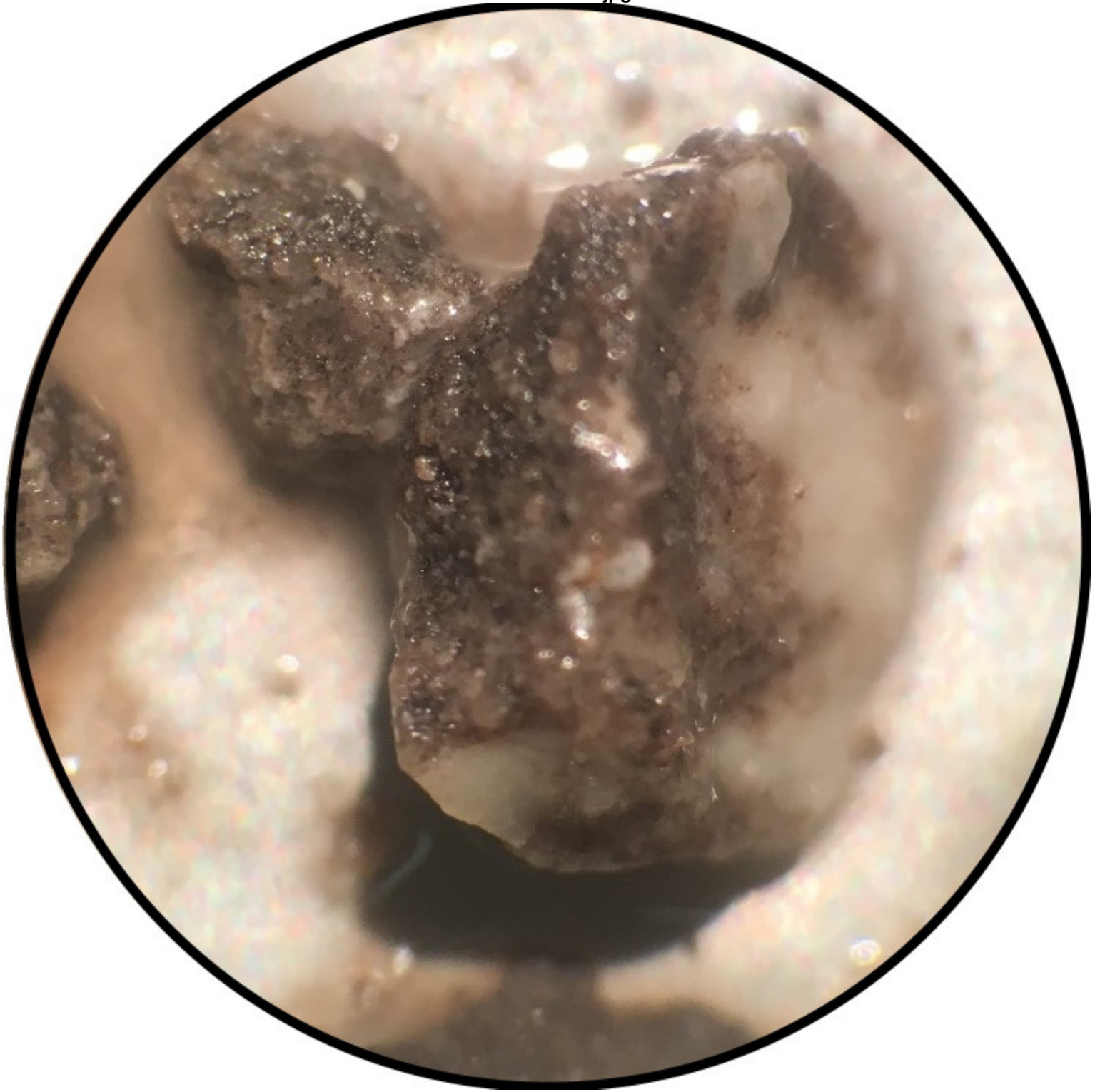




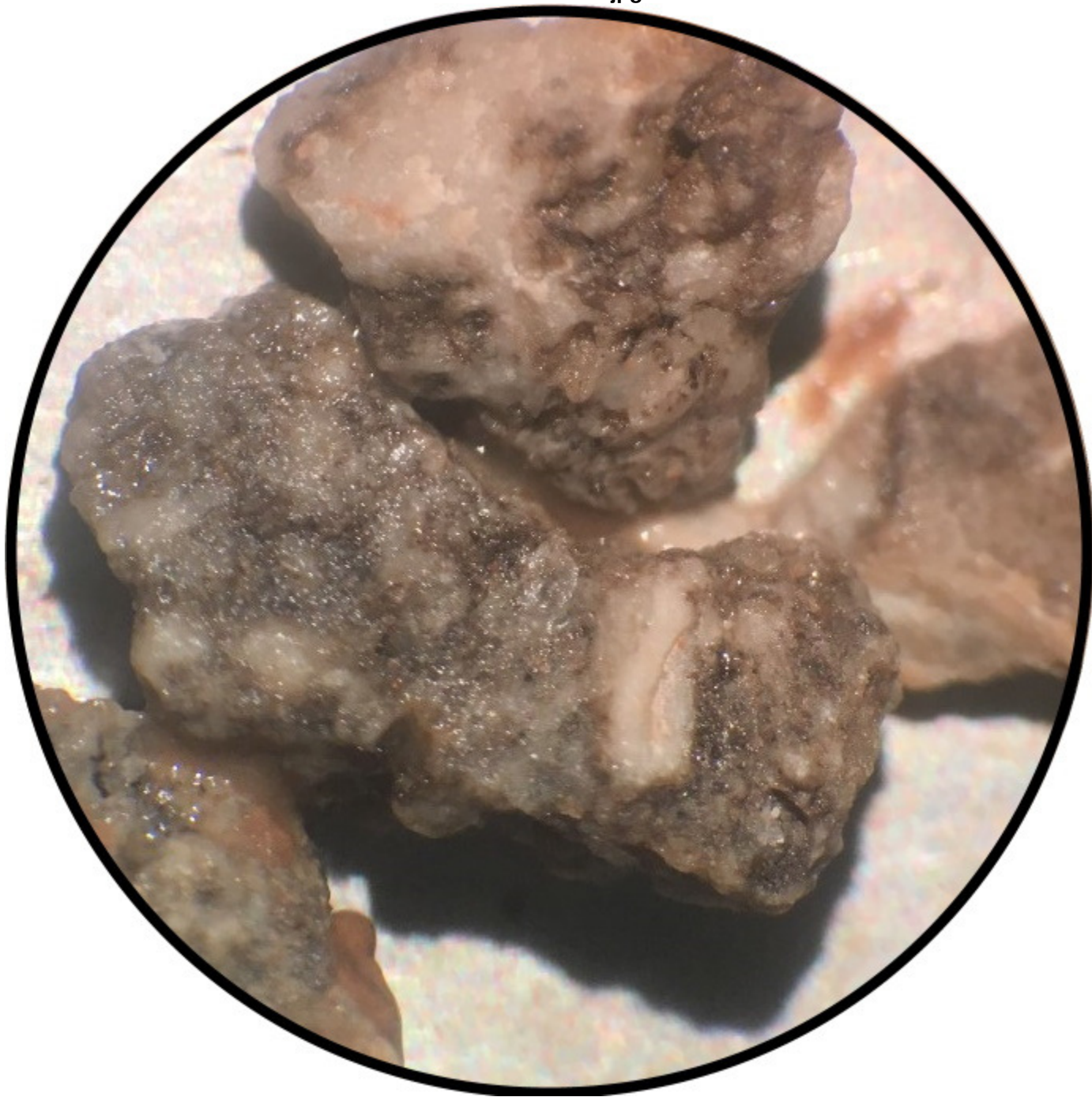
4036 a - Lansing.jpg

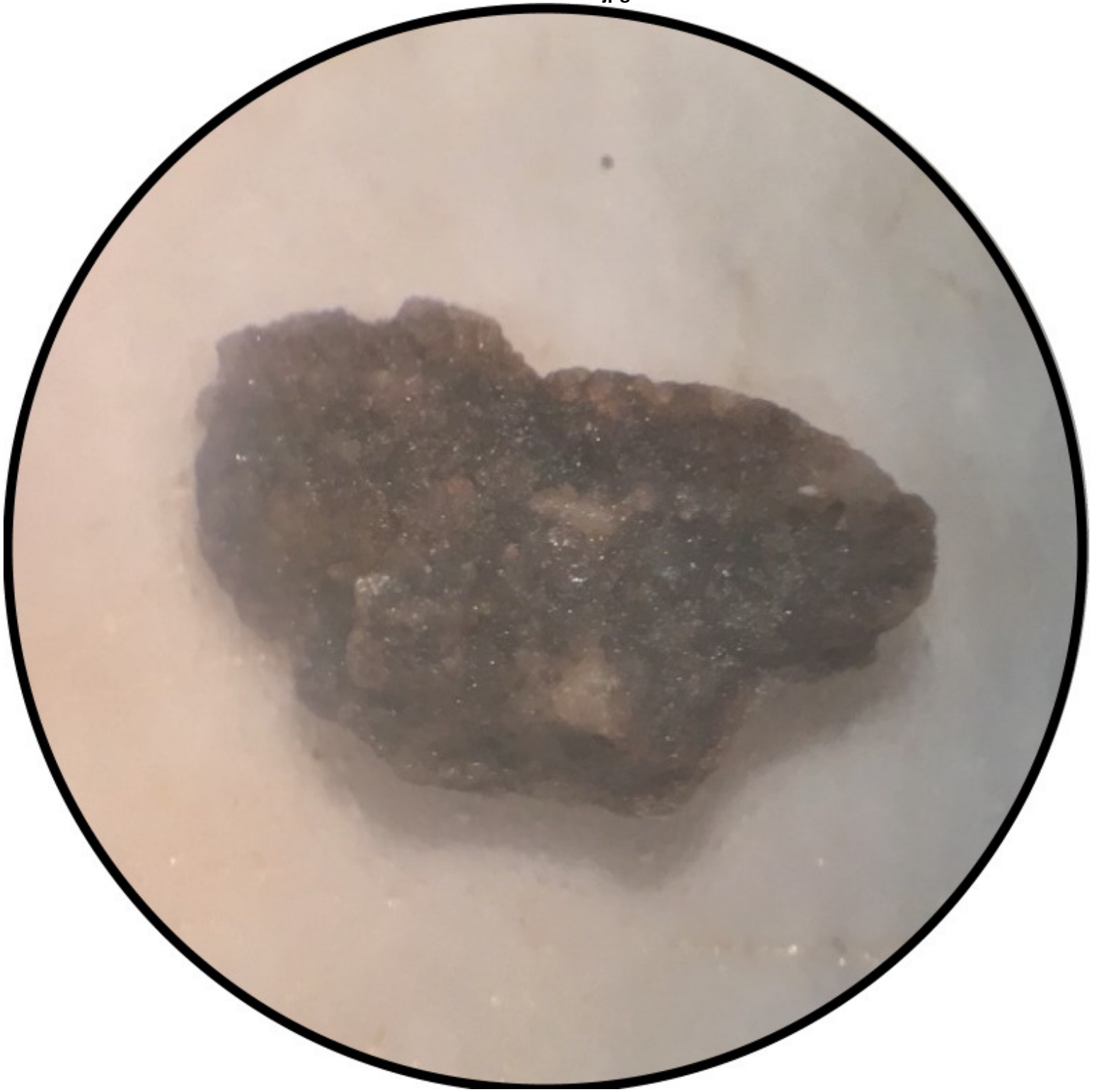


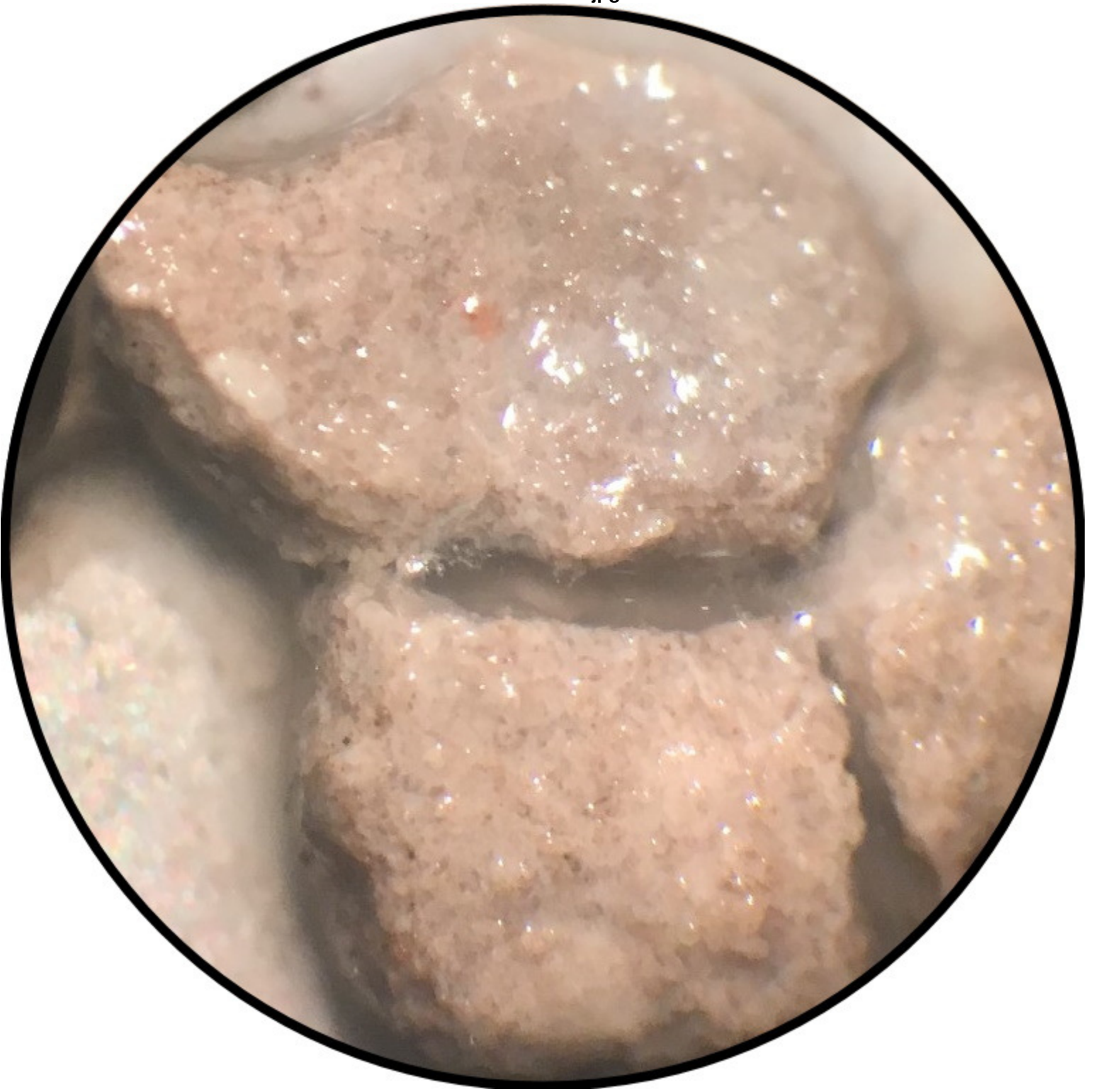




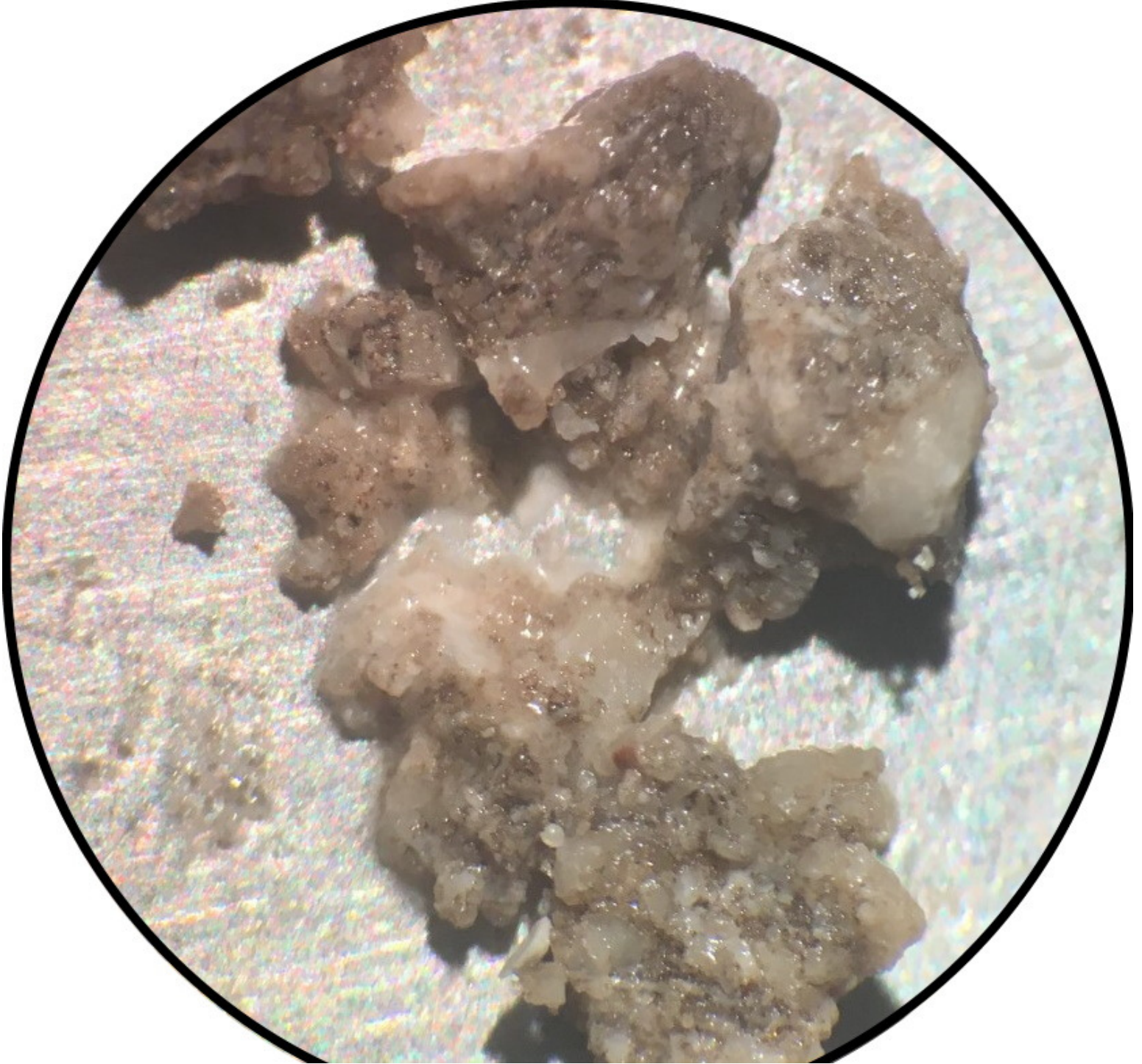




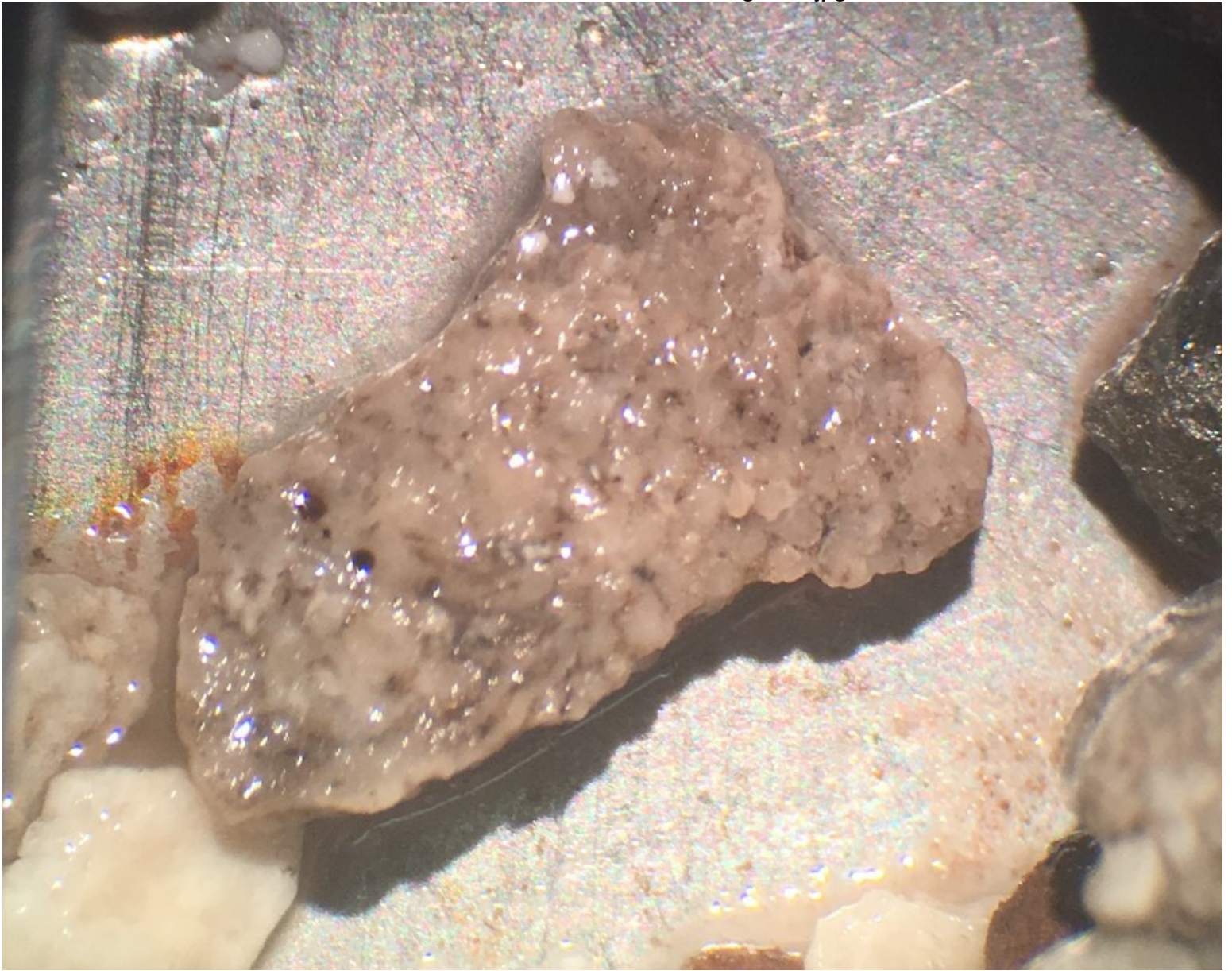








4240 LKC E - well cemented oolittic grnstrn.jpg





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Meridian Energy INC
1475 Ward Circle
Franktown, CO 80116
ATTN: Weston LaFon

3-1-35 Rawlins, KS
SIS #1
Job Ticket: 66568 **DST#: 1**
Test Start: 2020.12.31 @ 01:15:00

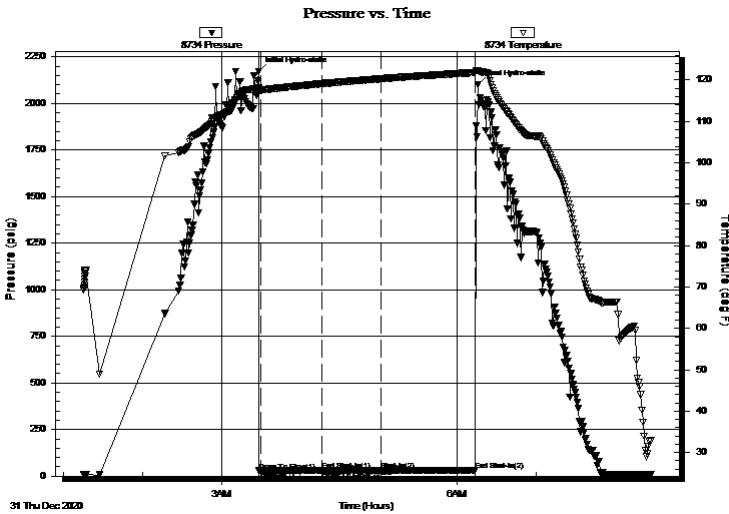
GENERAL INFORMATION:

Formation: **LKC " A "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:28:40
Time Test Ended: 08:28:00
Interval: **4034.00 ft (KB) To 4047.00 ft (KB) (TVD)**
Total Depth: 4047.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Martine Salinas
Unit No: 82
Reference Elevations: 3092.00 ft (KB)
3087.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
Press@RunDepth: 29.24 psig @ 4035.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2020.12.31 End Date: 2020.12.31 Last Calib.: 2020.12.31
Start Time: 01:15:01 End Time: 08:28:00 Time On Btm: 2020.12.31 @ 03:28:30
Time Off Btm: 2020.12.31 @ 06:16:00

TEST COMMENT: 2-IF-S.blow built to 1/4"
45-ISI-No return
45-FF-No blow
60-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2170.82	118.05	Initial Hydro-static
1	27.44	117.27	Open To Flow (1)
2	29.03	117.50	Shut-In(1)
49	29.26	119.12	End Shut-In(1)
49	27.63	119.13	Open To Flow (2)
94	29.24	120.30	Shut-In(2)
166	32.05	121.82	End Shut-In(2)
168	2101.58	122.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	SOCM 6%O, 94%M	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy INC

3-1-35 Rawlins, KS

1475 Ward Circle
Franktown, CO 80116

SIS #1

Job Ticket: 66568

DST#: 1

ATTN: Weston LaFon

Test Start: 2020.12.31 @ 01:15:00

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:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	SOCM 6%O, 94%M	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

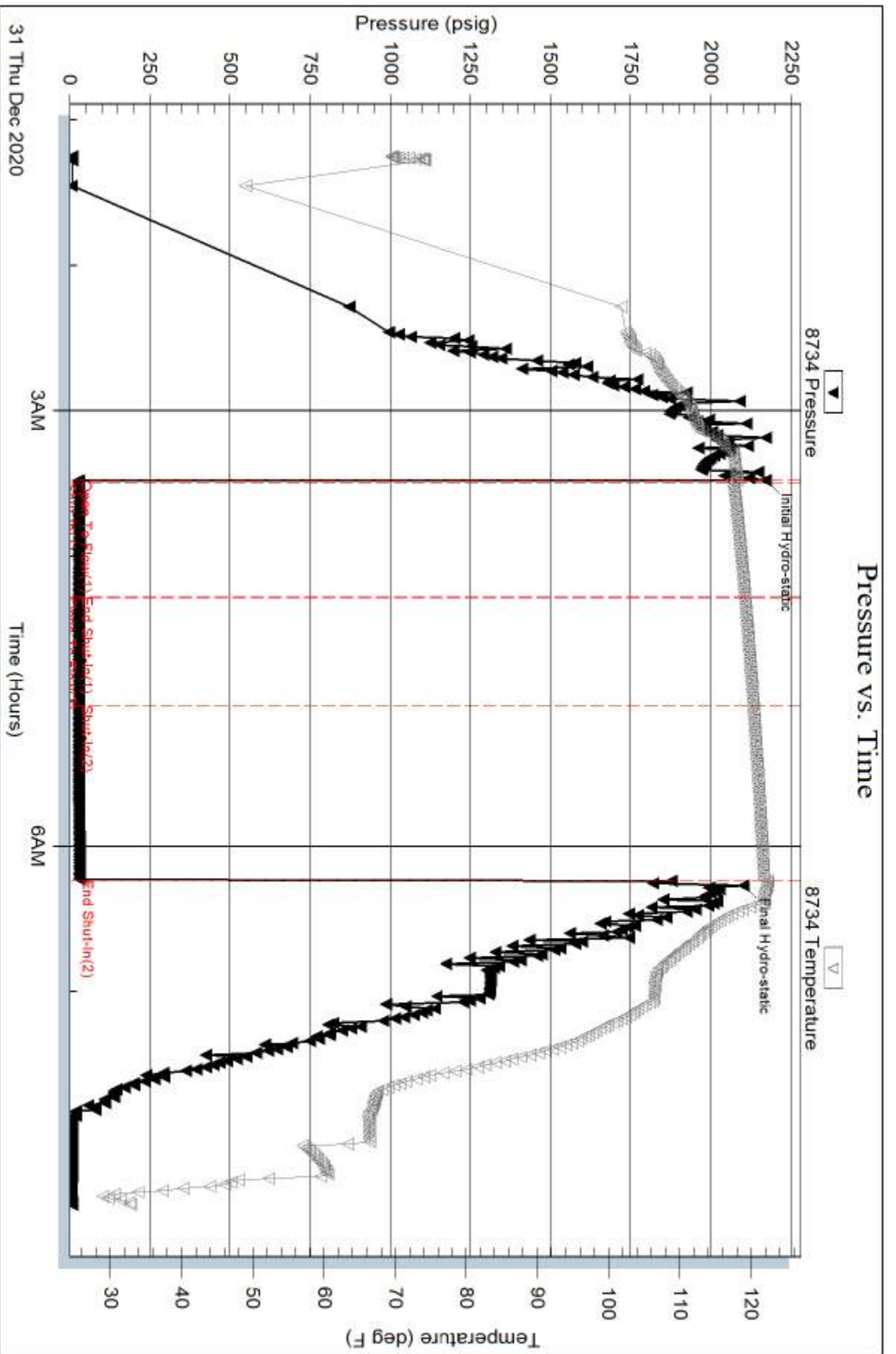
Num Gas Bombs: 0

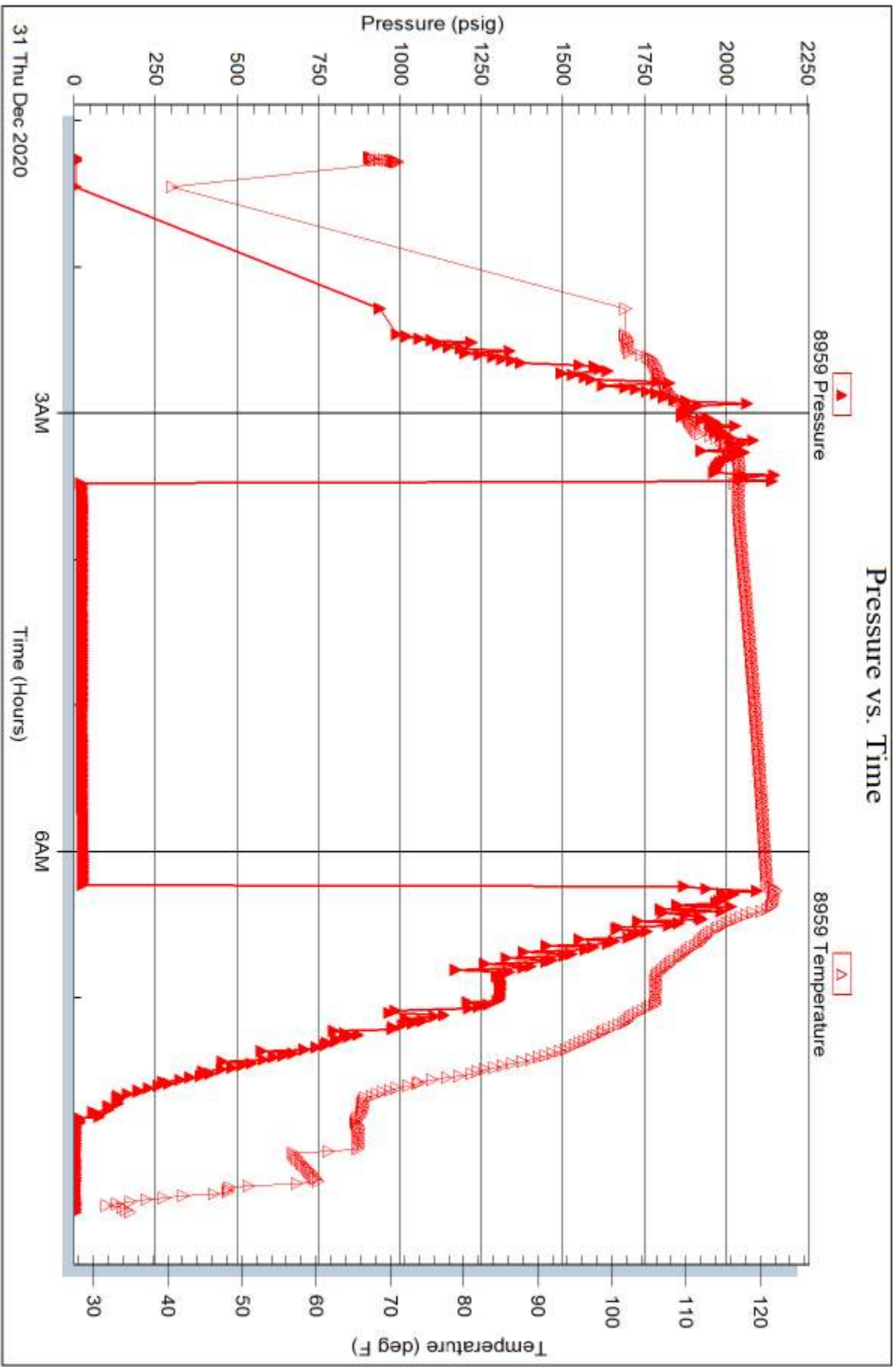
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Meridian Energy INC
1475 Ward Circle
Franktown, CO 80116
ATTN: Weston LaFon

3-1-35 Rawlins, KS
SIS #1
Job Ticket: 66569 **DST#: 2**
Test Start: 2021.01.01 @ 01:35:00

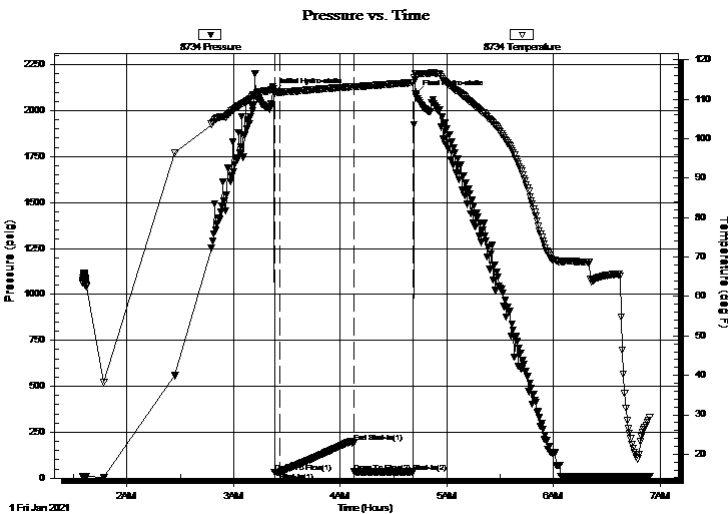
GENERAL INFORMATION:

Formation: **LKC " B & C "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:22:50
Time Test Ended: 06:54:20
Interval: **4068.00 ft (KB) To 4171.00 ft (KB) (TVD)**
Total Depth: 4171.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Martine Salinas
Unit No: 82
Reference Elevations: 3092.00 ft (KB)
3087.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
Press@RunDepth: 30.98 psig @ 4069.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.01.01 End Date: 2021.01.01 Last Calib.: 2021.01.01
Start Time: 01:35:01 End Time: 06:54:20 Time On Btm: 2021.01.01 @ 03:22:40
Time Off Btm: 2021.01.01 @ 04:42:20

TEST COMMENT: 2-IF-S.blow built to 3/4"
45-ISI-No blow back
45-FF-No blow
Pull Tool

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.67	112.66	Initial Hydro-static
1	30.95	111.47	Open To Flow (1)
4	30.98	111.81	Shut-In(1)
45	193.78	113.21	End Shut-In(1)
46	33.85	113.11	Open To Flow (2)
78	33.83	114.20	Shut-In(2)
80	2089.71	116.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 8% O, 92% M	0.05

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Meridian Energy INC
1475 Ward Circle
Franktown, CO 80116
ATTN: Weston LaFon

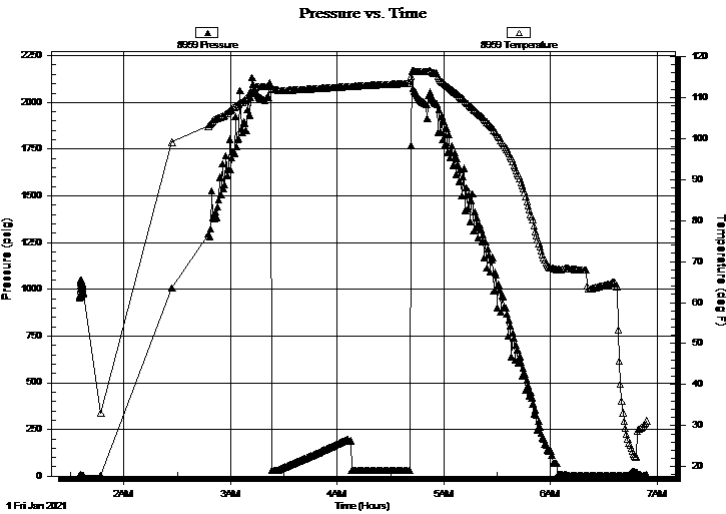
3-1-35 Rawlins, KS
SIS #1
Job Ticket: 66569 **DST#: 2**
Test Start: 2021.01.01 @ 01:35:00

GENERAL INFORMATION:

Formation: **LKC " B & C "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 03:22:50 Tester: Martine Salinas
Time Test Ended: 06:54:20 Unit No: 82
Interval: 4068.00 ft (KB) To 4171.00 ft (KB) (TVD) Reference Elevations: 3092.00 ft (KB)
Total Depth: 4171.00 ft (KB) (TVD) 3087.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8959 Inside
Press@RunDepth: psig @ 4069.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.01.01 End Date: 2021.01.01 Last Calib.: 2021.01.01
Start Time: 01:35:01 End Time: 06:54:20 Time On Btm:
Time Off Btm:

TEST COMMENT: 2-IF-S.blow built to 3/4"
45-ISI-No blow back
45-FF-No blow
Pull Tool



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

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	SOCM 8% O, 92% M	0.05

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy INC

3-1-35 Rawlins, KS

1475 Ward Circle
Franktown, CO 80116

SIS #1

Job Ticket: 66569

DST#: 2

ATTN: Weston LaFon

Test Start: 2021.01.01 @ 01:35:00

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:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM 8% O, 92% M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

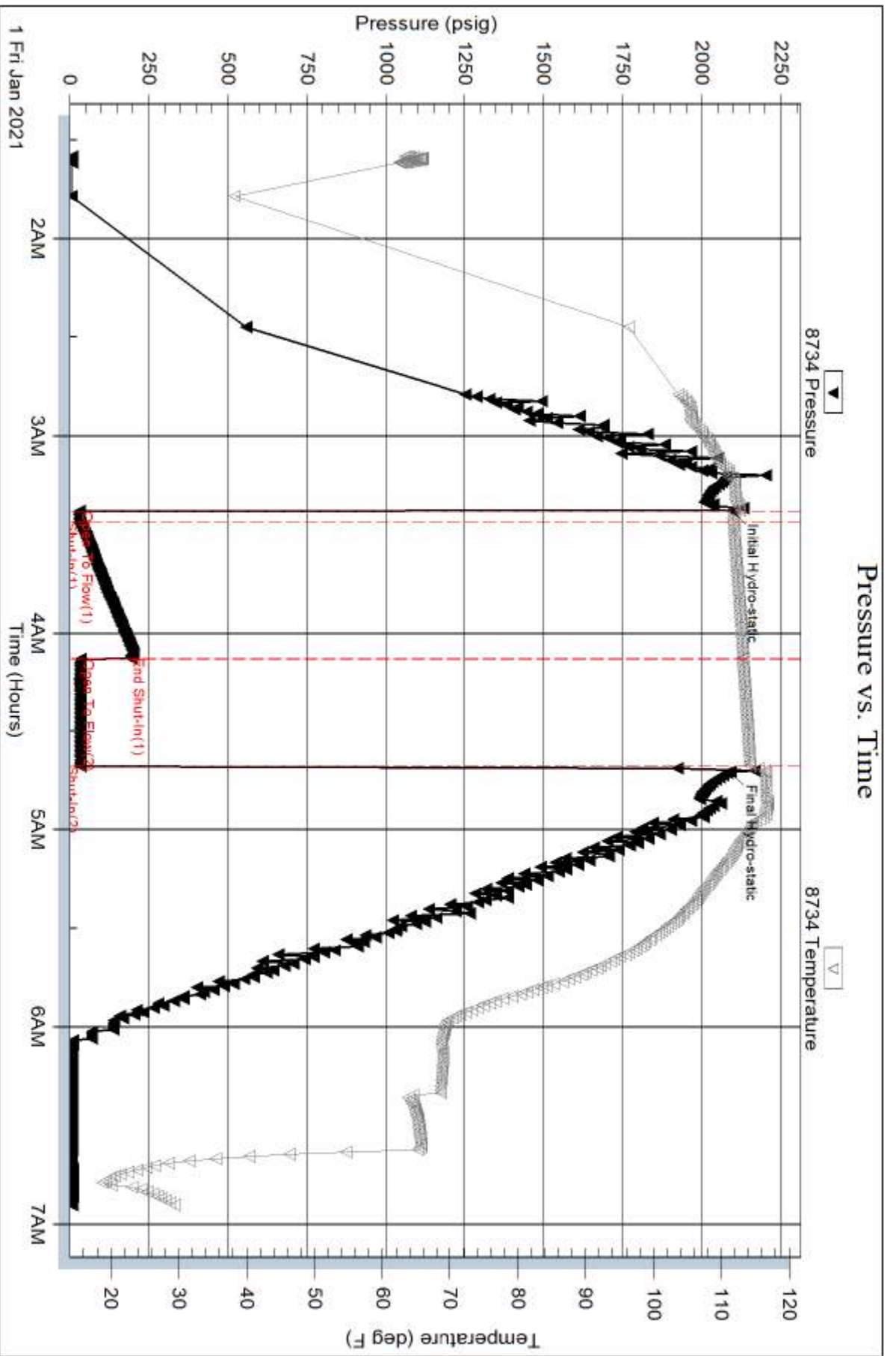
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



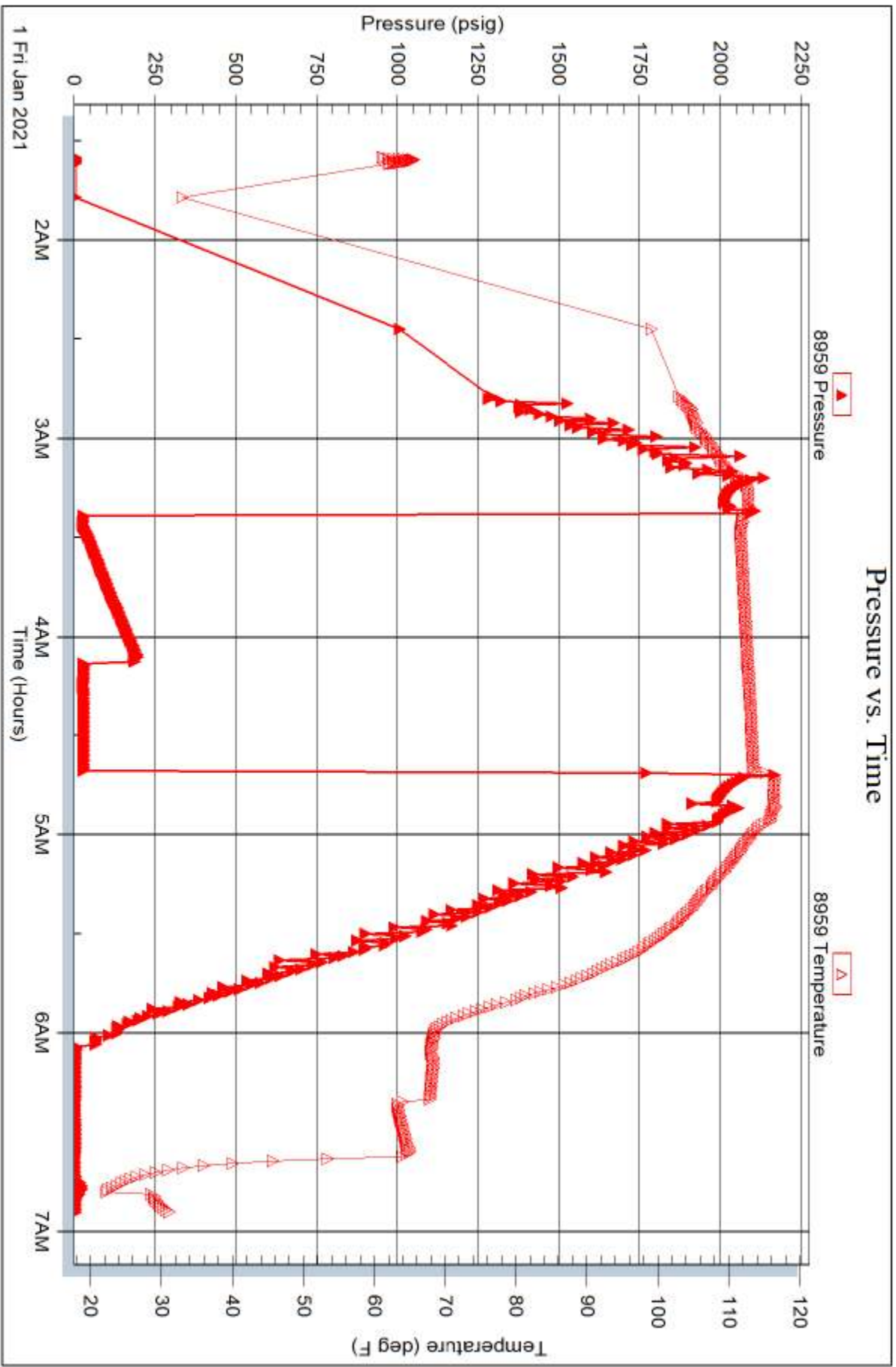
Serial #: 8959

Inside

Meridian Energy INC

SIS #1

DST Test Number: 2





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Meridian Energy INC
1475 Ward Circle
Franktown, CO 80116
ATTN: Weston LaFon

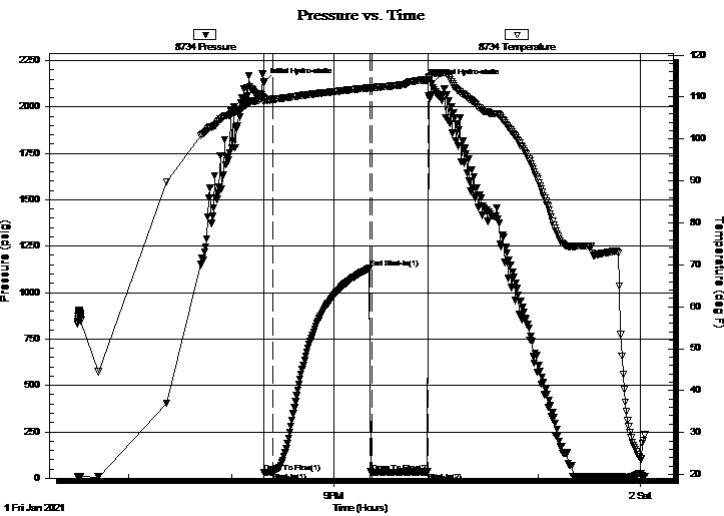
3-1-35 Rawlins, KS
SIS #1
Job Ticket: 66570 **DST#: 3**
Test Start: 2021.01.01 @ 18:30:00

GENERAL INFORMATION:

Formation: **LKC " E "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 20:19:20 Tester: Martine Salinas
Time Test Ended: 00:02:20 Unit No: 82
Interval: 4197.00 ft (KB) To 4258.00 ft (KB) (TVD) Reference Elevations: 3092.00 ft (KB)
Total Depth: 4258.00 ft (KB) (TVD) 3087.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
Press@RunDepth: 30.50 psig @ 4198.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.01.01 End Date: 2021.01.02 Last Calib.: 2021.01.02
Start Time: 18:30:01 End Time: 00:02:20 Time On Btm: 2021.01.01 @ 20:19:10
Time Off Btm: 2021.01.01 @ 21:57:50

TEST COMMENT: 2-IF-1/4" blow built to 1/2"
60-ISI-No blow back
30-FF-Weak s.blow @ 7 mins built to 1/4"
Pull Tools



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.52	109.91	Initial Hydro-static
1	29.06	108.87	Open To Flow (1)
6	30.50	109.49	Shut-In(1)
62	1130.50	112.24	End Shut-In(1)
64	31.36	112.25	Open To Flow (2)
96	33.94	114.04	Shut-In(2)
99	2125.07	115.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 20%O, 80%M	0.10

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Meridian Energy INC
1475 Ward Circle
Franktown, CO 80116
ATTN: Weston LaFon

3-1-35 Rawlins, KS
SIS #1
Job Ticket: 66570 **DST#: 3**
Test Start: 2021.01.01 @ 18:30:00

GENERAL INFORMATION:

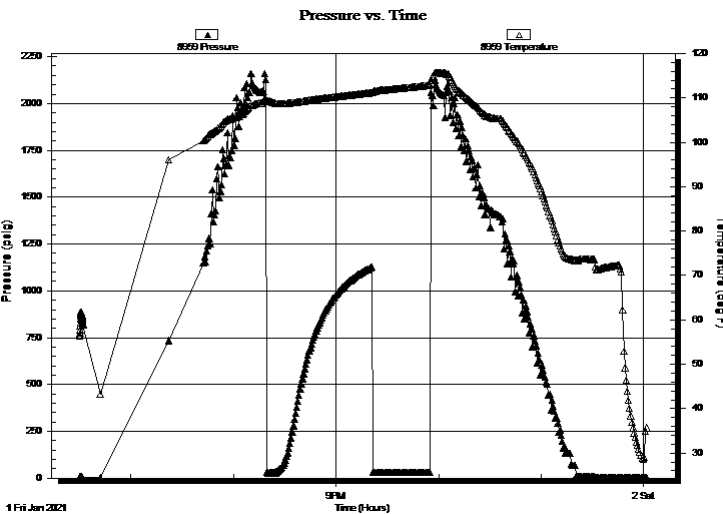
Formation: LKC "E"			Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)			Tester: Martine Salinas
Time Tool Opened: 20:19:20			Unit No: 82
Time Test Ended: 00:02:20			
Interval: 4197.00 ft (KB) To 4258.00 ft (KB) (TVD)		Reference Elevations:	3092.00 ft (KB)
Total Depth: 4258.00 ft (KB) (TVD)			3087.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF:	5.00 ft

Serial #: 8959

Inside

Press@RunDepth: psig @ 4198.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2021.01.01	End Date: 2021.01.02
Start Time: 18:30:01	End Time: 00:02:10
	Last Calib.: 2021.01.02
	Time On Btm:
	Time Off Btm:

TEST COMMENT: 2-IF-1/4" blow built to 1/2"
60-ISI-No blow back
30-FF-Weak s.blow @ 7 mins built to 1/4"
Pull Tools



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 20%O, 80%M	0.10

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy INC

3-1-35 Rawlins, KS

1475 Ward Circle
Franktown, CO 80116

SIS #1

Job Ticket: 66570

DST#: 3

ATTN: Weston LaFon

Test Start: 2021.01.01 @ 18:30:00

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:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 20%O, 80%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

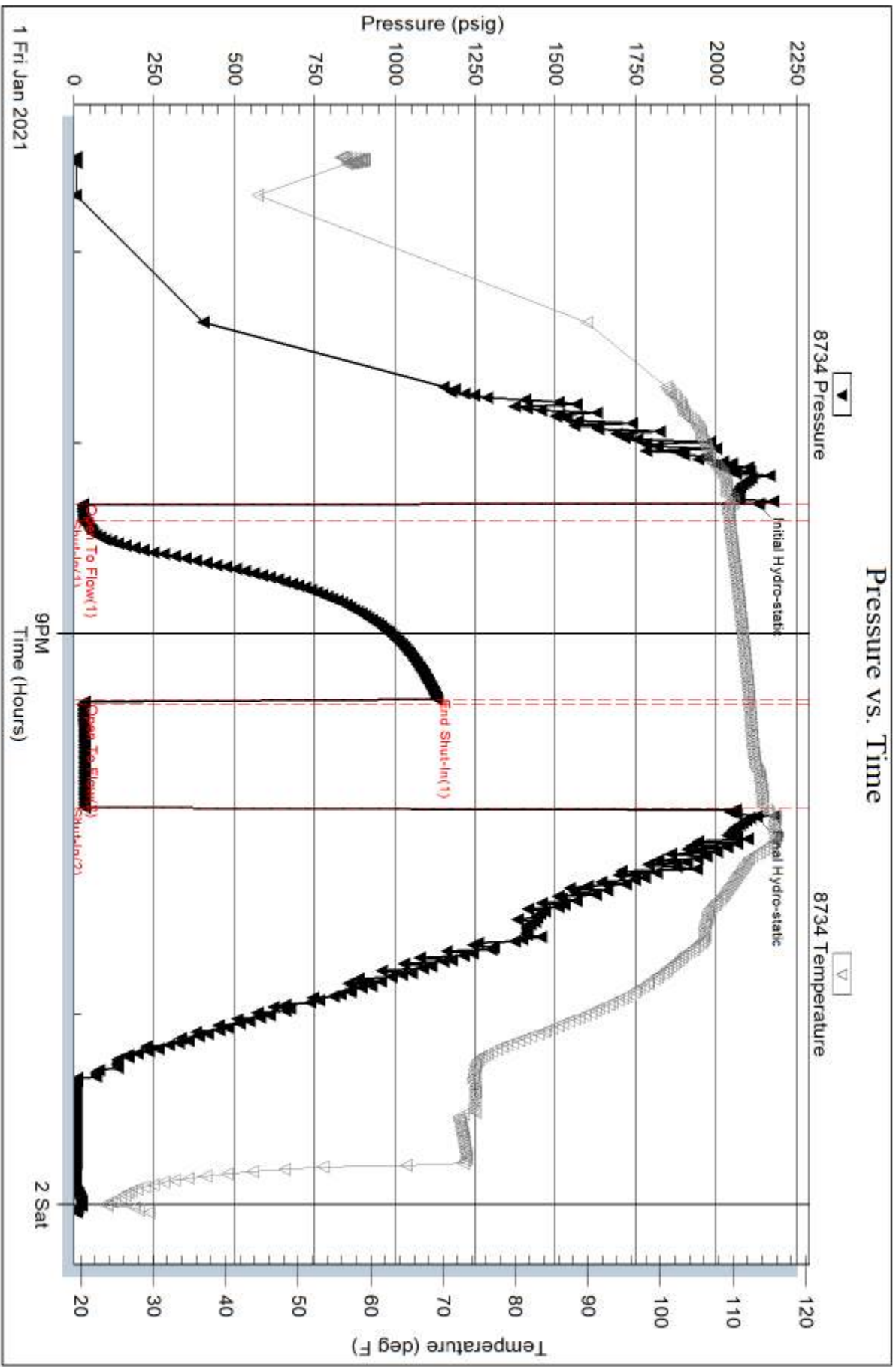
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



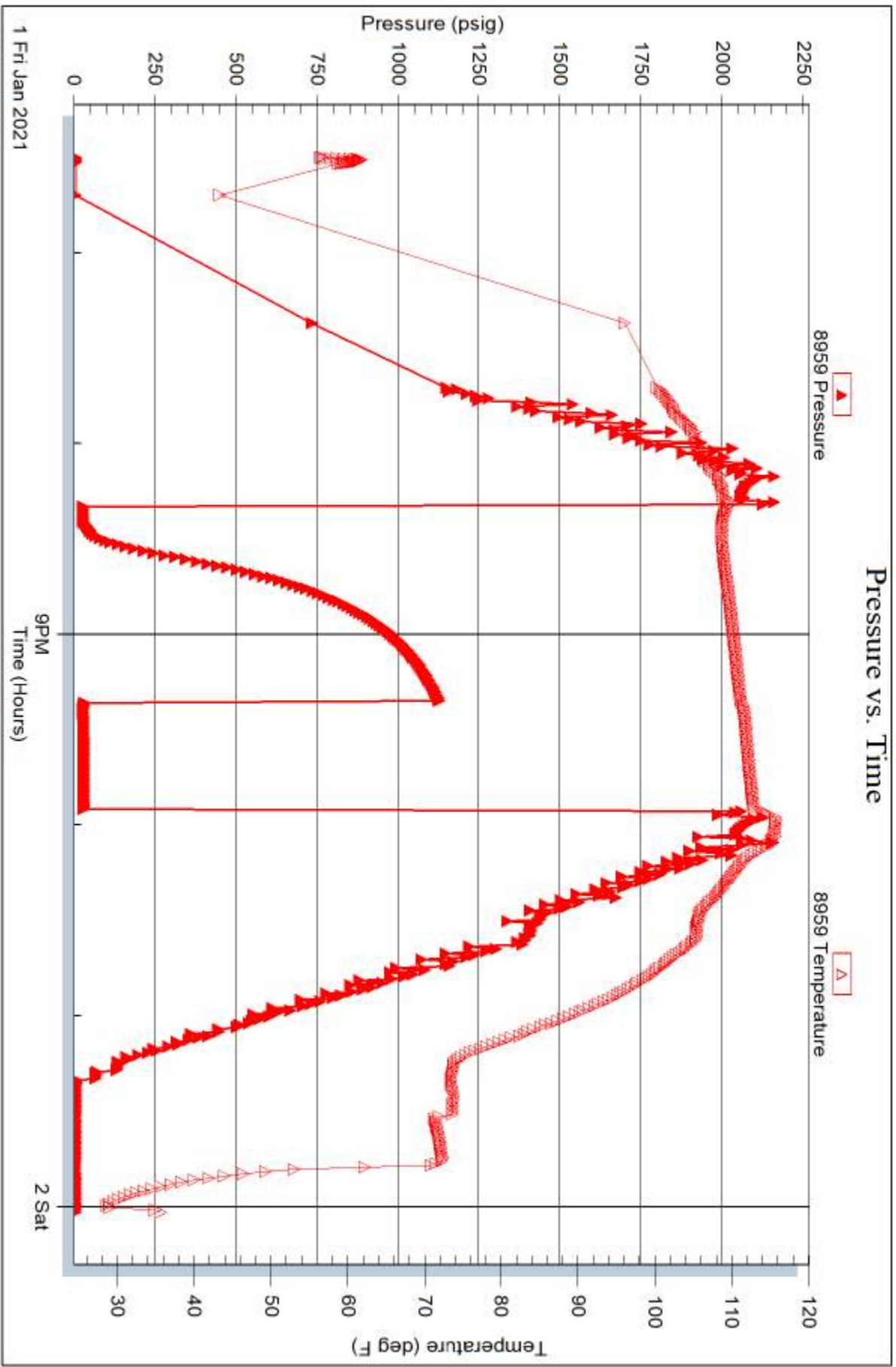
Serial #: 8959

Inside

Meridian Energy INC

SIS #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 66570

Printed: 2021.01.02 @ 07:55:39

