

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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

GLOBAL OIL FIELD SERVICES, LLC

0013374

REMIT TO: 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9-27-19	7	9	21				
LEASE	WELL #.	LOCATION			COUNTY	STATE	
Foster	1	Boyer 1/2 S - 1/2 W			Graham	KS	
OLD OR <u>NEW</u> (CIRCLE ONE)		3 South on 350th Ave to L(R) 3/4 W 24					

CONTRACTOR	Southwind Drilling H8
TYPE OF JOB	Surface
HOLE SIZE	12 1/4
CASING SIZE	4 5/8
TUBING SIZE	
DRILL PIPE	
TOOL	
PRES. MAX	
MEAS. LINE	
CEMENT LEFT IN CSG.	
PERFS	
DISPLACEMENT	

OWNER	Meridian energy
CEMENT	
AMOUNT ORDERED	1505x 60/40
	3% cc 2% gel

EQUIPMENT	
PUMP TRUCK	
#	409
BULK TRUCK	
#	492
BULK TRUCK	
#	

COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
HANDLING	@
MILEAGE	
TOTAL	

REMARKS:

Run 5 JTS 8 1/2 ppr. in the hole.
Hooked to Rig Brake circulation, hooked
to pump truck, mixed cement. Displaced
with 13661 H2O cement. Did circulate
shut in at 200psi.

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
MANIFOLD	@
	@
	@
TOTAL	

CHARGE TO: Meridian energy
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

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

PRINTED NAME Doug Roberts
SIGNATURE Doug W. Roberts

SALES TAX (if Any) _____
TOTAL CHARGES _____
DISCOUNT _____ IF PAID IN 30 DAYS

MAXWELL LAFON WELLSITE GEOLOGY**WELL INFO**

Well Name: Foster #1
 Location: SW NW SE NW sec. 7, T. 9S, R. 21W
 Footage: 1530' FWL, 1830' FNL
 County/State: Graham Co., Kansas
 Field: Wildcat
 Coordinates: N 39.2874059 , W 99.7106513
 API #: 15-065-24173

Ground Elev: 2265' KB Elev: 2275'
 Logged Interval: 3050' - TD Total Depth: 3907'

OPERATOR INFO

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

CONTRACTOR

Contractor: Southwind Drilling
 Rig #: 8
 Rig Type: Rotary Double
 Spud Date: 9/27/2019 Time: 7:00 PM
 TD Date: 10/2/2019 Time: 8:10 AM
 Rig Release: Time:

WELLSITE GEOLOGIST

Geologist: Maxwell LaFon
 Address: PO Box 9867
 Denver, CO 80209
 Phone: 303-594-0515
 Email: mjlafon@gmail.com

DRILL STEM TESTS










No.	Interval	Formation	Recovery
1	3566-3592	Lansing E/F	150' MW

FORMATIONS












Formation	Depth - Samples	Depth - Logs	Subsea
Stone Corral	1775' (+500)	1771'	+504
Topeka	3242' (-967)	3242'	-967
Heebner	3460' (-1185)	3460'	-1185
Toronto	3482' (-1207)	3483'	-1208
Lansing A	3496' (-1221)	3498'	-1223
Lansing B	3508' (-1233)	3510'	-1235
Lansing C	3531' (-1256)	3538'	-1263
Lansing D	3557' (-1282)	3558'	-1283
Lansing E	3573' (-1298)	3575'	-1300
Lansing F	3583' (-1308)	3584'	-1309
Lansing G	3592' (-1317)	3594'	-1319
Lansing H	3626' (-1361)	3624'	-1360

Lansing H	3636' (-1361)	3634	-1359
Lansing I	3657' (-1382)	3655'	-1380
Lansing J	3668' (-1393)	3668'	-1393
Lansing K	3687' (-1412)	3686'	-1411
Lansing L	3704' (-1429)	3704'	-1429
Base Lansing/KC	3718' (-1443)	3716'	-1441
Arbuckle	3830' (-1555)	3830'	-1555
TD	3907'	3906'	

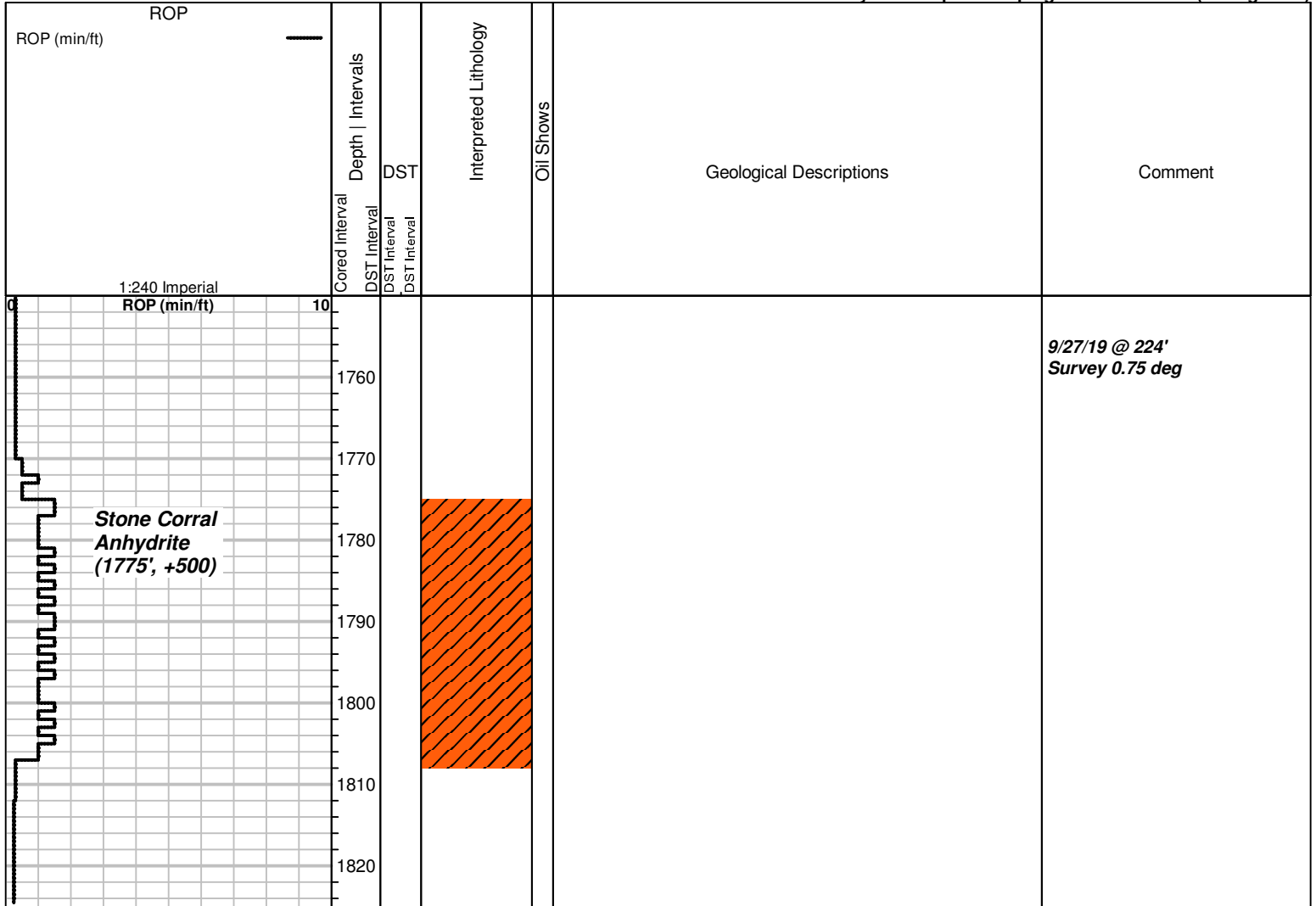
ROCK TYPES

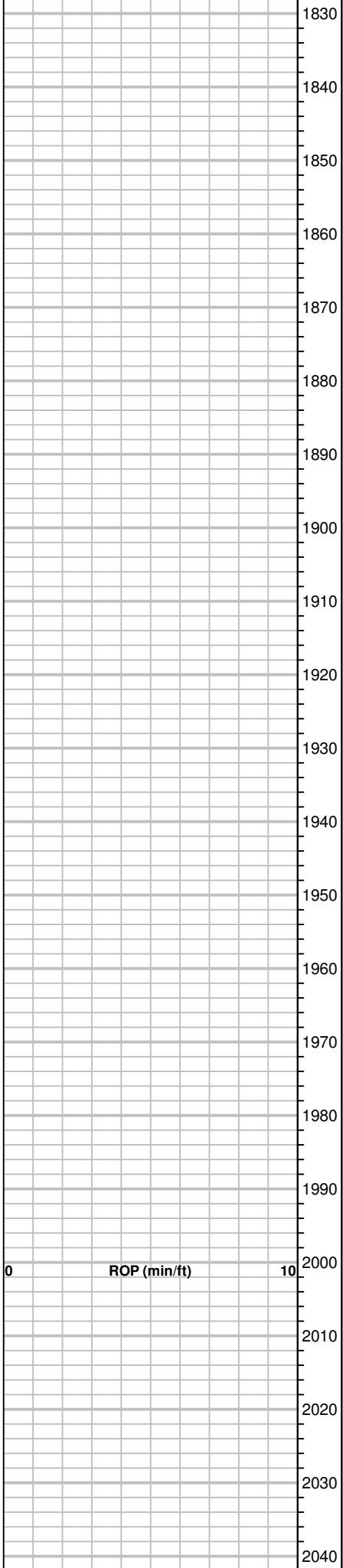
 Congl	 Lmst fw<7	 Ss	 Shblk	 Anhy vert
 Dolprim	 Lmst fw>7	 Shgy	 Shcol	

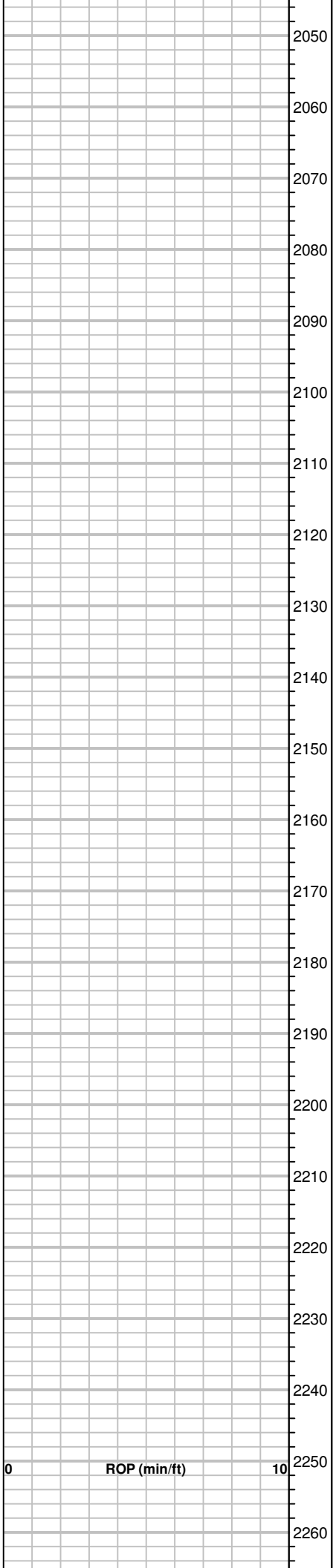
OTHER SYMBOLS

<p>OIL SHOWS</p> <ul style="list-style-type: none"> ● Even Stn ● Spotted Stn 50 - 75 % ● Spotted Stn 25 - 50 % ○ Spotted Stn 1 - 25 % ○ Questionable Stn D Dead Oil Stn ■ Fluorescence 	<p>MISC</p> <ul style="list-style-type: none">  Daily Report  Digital Photo  Document  Folder  Link  Vertical Log File  Horizontal Log File  Core Log File  Drill Cuttings Rpt 	<p>DST</p> <ul style="list-style-type: none">  DST Interval  DST Interval
--	--	--

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







2270

2280

2290

2300

2310

2320

2330

2340

2350

2360

2370

2380

2390

2400

2410

2420

2430

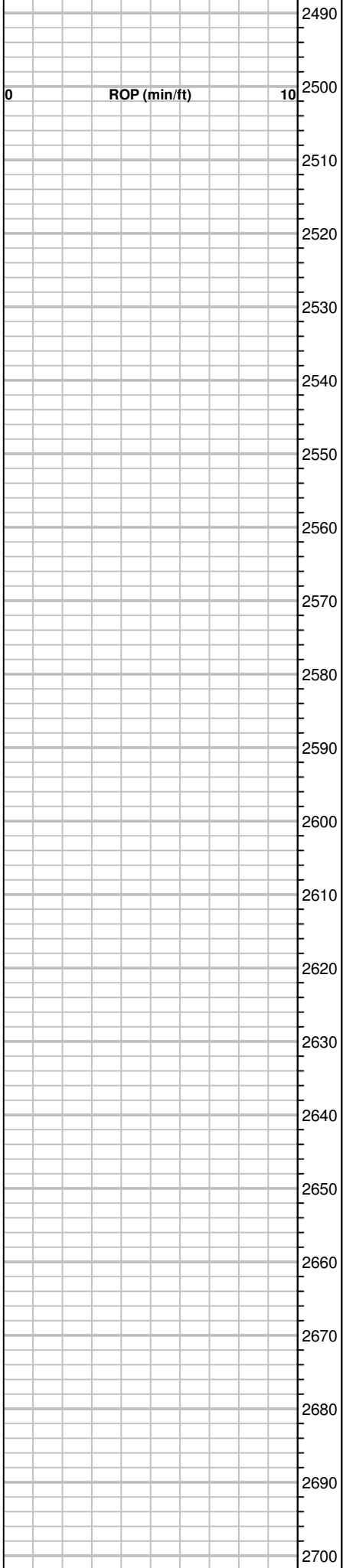
2440

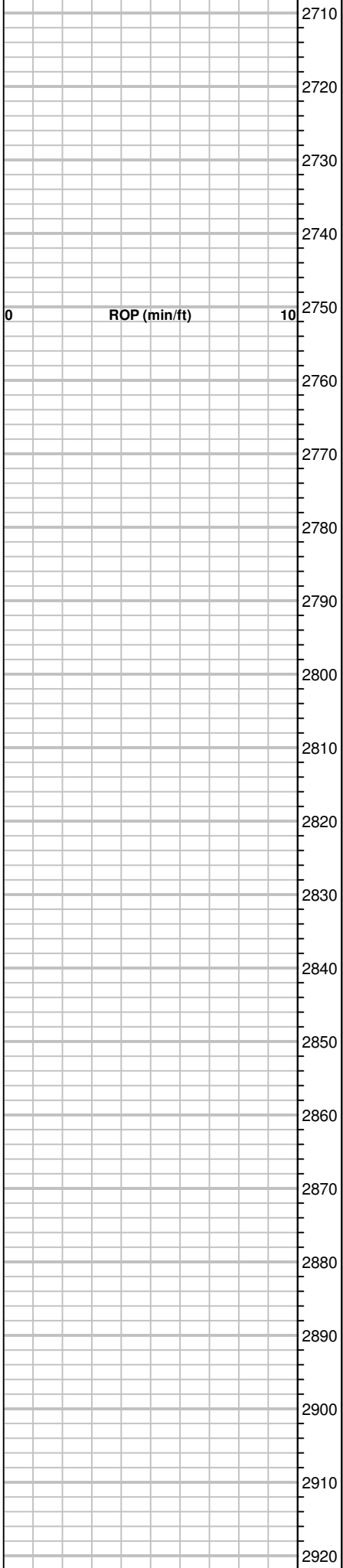
2450

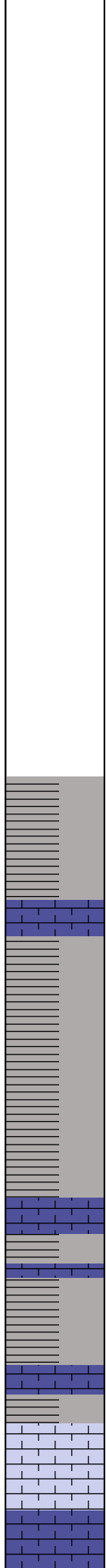
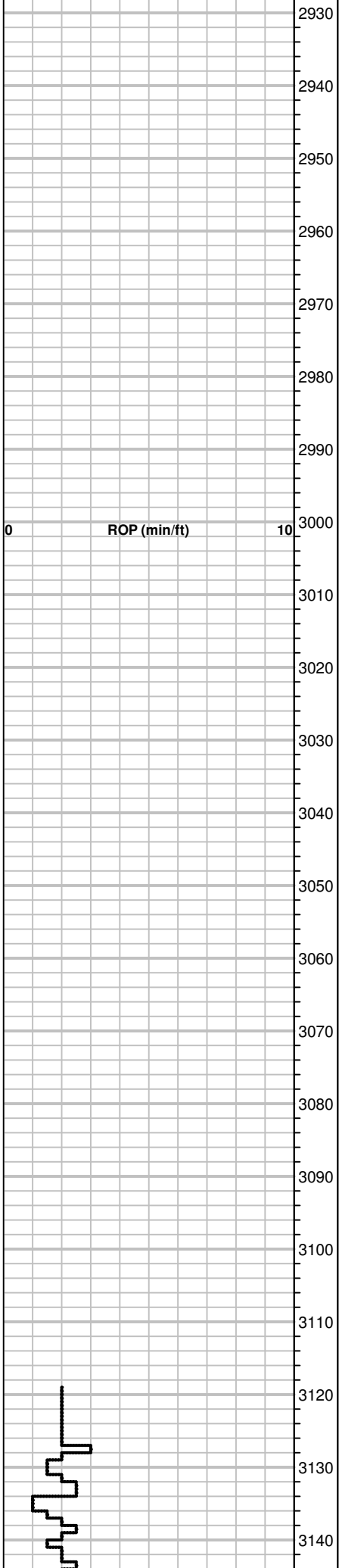
2460

2470

2480







3035-67 Sh gry and dk gry, Trace LS gry med xtl, very hard, NS

3067-94 Sh gry and dk gry

3094-3106 Sh dk gry, tr Sh red, Tr LS lt. tan med xtl, very hard, no por, NS

3106-15 Sh dk gry, grn, red

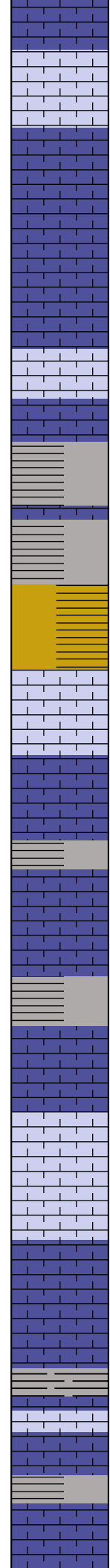
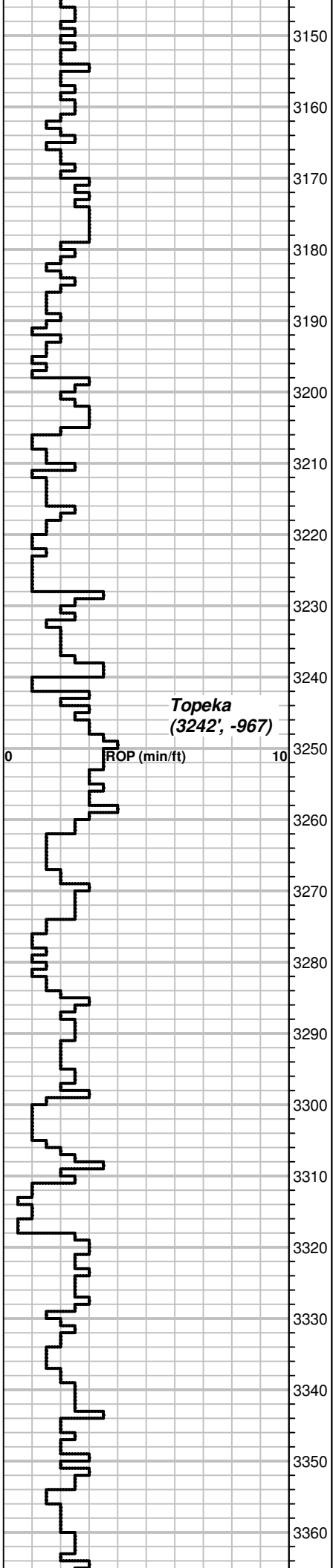
3115-24 Sh gry and dk gry, LS gry fine xtl, very hard, no por, NS

3124-36 LS lt. gry med grnstn, hard, no por, NS

3136-47 LS lt. tan xtl, very hard, no por, NS

KS Drilling Technologies
Mud check 9/29/19
 Depth: 3104' Btms Up: 31 min
 Wt: 8.4 Vis: 78 Filt: 7.4
 Cake: 1/32" LCM: 3# YP: 25
 Chlor: 1000 ppm Grad: 0.437 psi/ft

Bit Trip, PDC for cone
9/29/19 @ 3114'
Survey 1.5 deg
No pipe strap due to wind



3147-56 LS lt. gry - gry fossiliferous grnstr, hard, no por, NS. LS tan microxtln, very hard, no por, NS

3156-69 LS gry - lt. gry very fine xtln, very hard, no por, NS. LS lt. gry fine grnstr, hard, no por, NS

3169-76 As above, LS gry arg. - dirty xtln, very hard, no por, NS

3176-82 LS gry - dk gry microxtln, very hard, no por, NS

3182-96 LS as above, LS gry arg. - dirty xtln, very hard, no por, NS

3196-3203 As above, Tr LS lt. tan fine grnstr, hard, no por, NS

3203-11 Ls dk gry med xtln, very hard, no por, NS. Sh dk gry

3211-26 Sh dk gry, Tr LS from above

3226-39 Sh red and grn

3239-51 LS lt. tan fossiliferous grnstr, hard, fair por, NS

3251-57 LS gry - dk gry microxtln, very hard, no por, NS

3257-63 As above

3263-73 Tr Sh dk gry, LS lt. tan fine xtln, very hard, no por, NS. LS gry med - coarse xtln, very hard, no por, NS

3273-86 As above, Less lt. tan fine xtln

3286-94 LS white chlky, very soft, LS lt. tan fine xtln, very hard, no por, NS. Sh dk gry, LS gry microxtln, very hard, no por, NS

3294-3301 As above, More LS lt. tan fine xtln

3301-18 LS lt. tan grnstr prtly rextlzd, very hard, no por, NS

3318-26 LS white chlky, very soft. LS brwn microxtln, very hard, no por, NS. LS lt. tan fine xtln, hard, no por, NS

3326-3337 As above

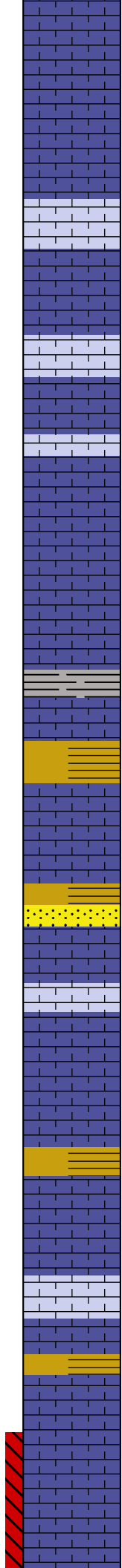
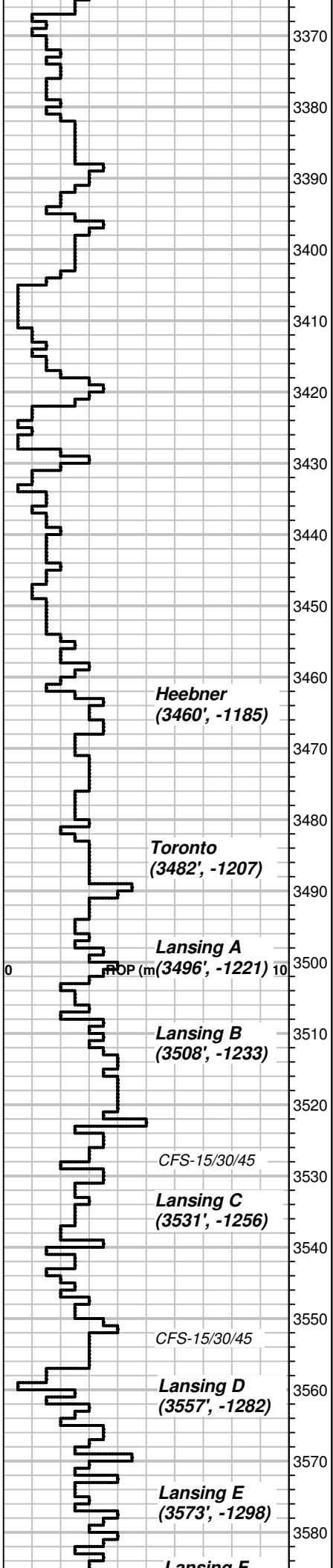
3337-46 Sh black, LS brwn xtln, very hard, no por, NS. Tr LS lt. tan fossiliferous grnstr, very hard, no por, NS

3346-54 LS brwn xtln and coarse xtln, very hard, no por, NS, some w/ fossil remnants. Tr Sh dk gry

3354-63 Ls gry microxtln, very hard, no por, NS. LS lt. tan - cream fine xtln, very hard, no por, NS. Tr Sh dk gry

Wt. 8.7
Vis 70
LCM 2 #

Wt. 8.7
Vis 68
LCM 2 #



3363-77 LS white chlky, very soft, LS lt. tan - white fine xtl, very hard, no por, NS

3377-89 LS as above, LS gry arg. - dirty xtl, very hard, no por, NS

3389-93 As above, more LS xtl

3393-3400 LS lt. gry xtl, very hard, no por, NS. LS lt. tan - gry fine grnstn, hard, no por, NS

3400-12 LS white chlky very soft, LS lt. tan semi-opaque fine xtl, hard, no por, NS

3412-19 LS gry - brwn grnstn, very hard, no por, NS. LS lt. tan fine xtl from above, NS. LS lt. tan microxtln, very hard, no por, NS

3419-29 LS lt. gry fine grnstn, very hard, no por, NS. LS lt. gry xtl, very hard, no por, NS

3429-43 LS lt. tan xtl - med xtl, very hard, no por, NS. LS white chlky, very soft, Tr LS lt. gry microxtln, very hard, no por, NS

3443-59 LS gry - lt. gry xtl, very hard, no por, NS, LS gry coarse xtl, very hard, no por, NS. Tr Sh black

3459-69 LS gry xtl - micro xtl, very hard, no por, NS. Tr Sh black, Heebner?

3469-80 Sh red, Tr Sh black LS gry microxtln, very hard, no por, NS. Tr LS lt. gry xtl, hard, no por, NS

3480-89 LS cream xtl - fine xtl, hard, no por, NS. LS lt. brwn xtl, very hard, no por, NS

3489-3500 Tr Sh red, LS cream xtl, very hard, no por, NS. Tr SS gry w/ black/grn mica flecs

3500-13 Mostly LS white microxtln very hard, no por, NS. Tr LS white grnstn, slightly friable, fair por, NS

3513-17 LS cream/lt. tan microxtln, very hard, no por, NS

3517-21 As above, NS

3521-26 As above

3526-28 Tr Sh brwn and black. Mostly LS white med xtl, hard, no por, NS

3528-42 LS lt. gry med xtl, hard, no por, NS, Sparse cuttings w/ small pinpoint vugs, oil stnd, fair odor, NSFO. LS white very fine xtl, very friable, no por, NS

3542-52 LS cream grnstn, very hard, very poor por, very poor shw free oil when broken, sparse shw, slight odor. Some LS white xtl, friable from above. LS white xtl, very hard, no por, NS

3552-58 LS lt. tan/gry xtl, very hard, no por, NS. Tr Sh red

3558-66 LS as above, Tr LS dk gry xtl, very hard, no por, NS

3566-71 LS lt. gry xtl, very hard, no por, NS. Tr Sh grn

3571-78 LS lt. gry xtl, poor intr xtl por, med sized vugs, some connected and oil filled and stained, good shw free oil, sparse, thick high gravity oil bleeding when crushed

3578-84 LS lt. tan xtl, very hard, no por, NS. Tr LS lt. gry xtl, very hard, no por, NS

KS Drilling Technologies
Mud check 9/30/19
 Depth: 3399' Btms Up: 33 min
 Wt: 8.5 Vis: 63 Filt: 7.6
 Cake: 1/32" LCM: 2# YP: 20
 Chlor: 2000 ppm Grad: 0.442 psi/ft

Heebner
 (3460', -1185)

Toronto
 (3482', -1207)

Lansing A
 (3496', -1221)

Lansing B
 (3508', -1233)

Lansing C
 (3531', -1256)

Lansing D
 (3557', -1282)

Lansing E
 (3573', -1298)

Lansing E

Lansing C_3552.JPG

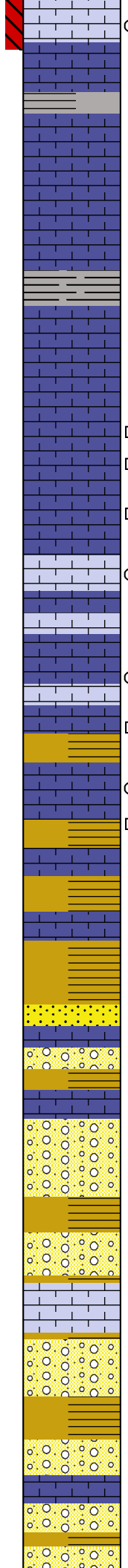
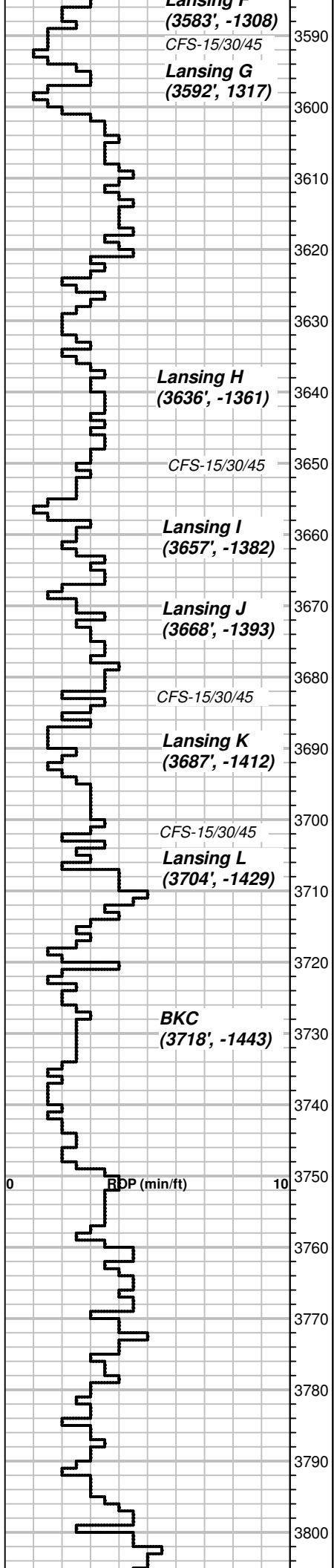
DST #1 (3566-3592)
Lansing E/F
2-45-60-120
Recovery: 150' MW
IF: 36-44 SF: 37-92
Shut Ins: 685/647

2" IF - Built to 1.5"
45" ISI - No blow back
60" FF - BOB in 43 min, built to 13.72"
120" FSI - No blow back
Rw: 0.170 ohms @ 69 deg
Chlorides: 39,000 ppm

DST 1 - Foster #1.pdf

Lansing E_3578.JPG

Lansing E_3578-2.JPG



3584-90 LS lt. gry grnstrn, hard, very good intrgrnlr por, oil stained, fair shw free oil when crushed, sparse shw, por good enough that free oil most likely washed out during cleaning

3590-3602 LS lt. gry - cream microxtln, very hard, no por, NS. LS cream xtln, hard, no por, NS. Some Sh dk gry

3602-13 LS cream xtln from above, Also LS lt. gry/white microxtln, very hard, no por, NS

3613-19 As above, NS

3619-28 Sh black, LS gry xtln, very hard, no por, NS

3628-39 LS lt. tan/cream xtln, very hard, no por, NS

3639-44 LS lt. gry microxtln, very hard, no por, NS

3644-48 LS lt. gry xtln, very hard, no por, some cuttings w/ med vugs, sparse, oil stain, NSFO

3648-50 LS cream med xtln, hard, no por, NS. As above w/ same dead stain

3650-58 LS lt. tan microxtln, some w/ vugs and oil stain, no free oil, fair odor, good amount of cuttings w/ stain

3658-70 As above, Also LS cream grnstrn, very hard, poor intrgrnlr por, stain in pores, NSFO, Good odor

3670-75 LS lt. gry xtln and microxtln, very hard, no por, NS. Tr LS grnstrn from above w/ stain

3675-80 Mostly LS lt. gry microxtln massive, very few xtln grains w/ some vuggy and poor intrxtln por, poor shw free oil when crushed, wet and tight

3680-86 Tr LS white very fine grnstrn friable, fair por, dead oil in pores, NSFO Mostly LS white xtln, hard, no por, NS. Tr Sh grn

3686-96 LS As above

3696-3702 Sh gry cly, LS white xtln, very hard, very poor por, poor shw free heavy tarry oil when crushed, no odor. Also LS white very fine grnstrn, poor por, friable, numerous specks dead oil in pores

3702-3710 LS cream xtln, hard, no por, NS. Sh gry cly

3710-17 LS as above. Sh dk gry, grn

3717-25 Sh red cly

3725-35 Sh red, grn, Congl. SS lt. gry fine grn, well sorted w/ larger clasts, LS cream xtln very hard, no por, NS

3735-51 Sh red, dk gry, Congl. from above, LS lt. gry sucrosic xtln, friable, no por, NS. LS cream red/brwn arg. xtln, very hard, no por, NS

3751-62 As above

3762-72 As above, More Sh and Congl. Also LS cream grnstrn prtly rextlzd, very hard, no por, NS

3772-79 Sh red, Congl. and LS dirty arg.

3779-91 As above

3791-3803 Sh dk gry, red. LS cream and red arg. med xtln, very hard, no por, NS

3803-08 Sh red cly

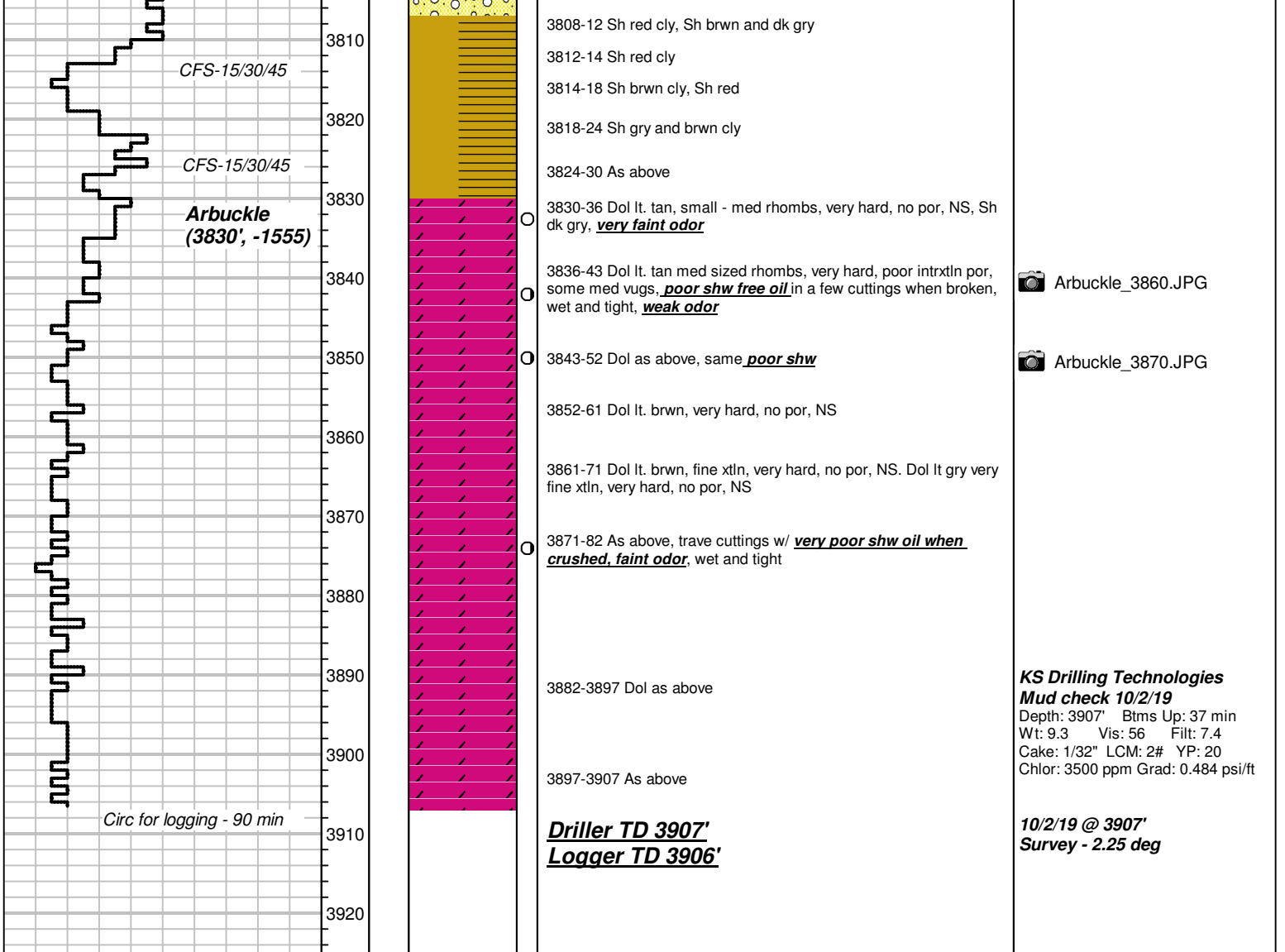
Lansing F_3590.JPG
 9/30/19 @ 3592'
 Survey 1.5 deg
 Pipe Strap - 2.36' long
KS Drilling Technologies
Mud check 10/1/19
 Depth: 3592' Btms Up: 35 min
 Wt: 9.0 Vis: 57 Filt: 7.4
 Cake: 1/32" LCM: 3# YP: 25
 Chlor: 3000 ppm Grad: 0.468 psi/ft

Lansing J_3680.JPG

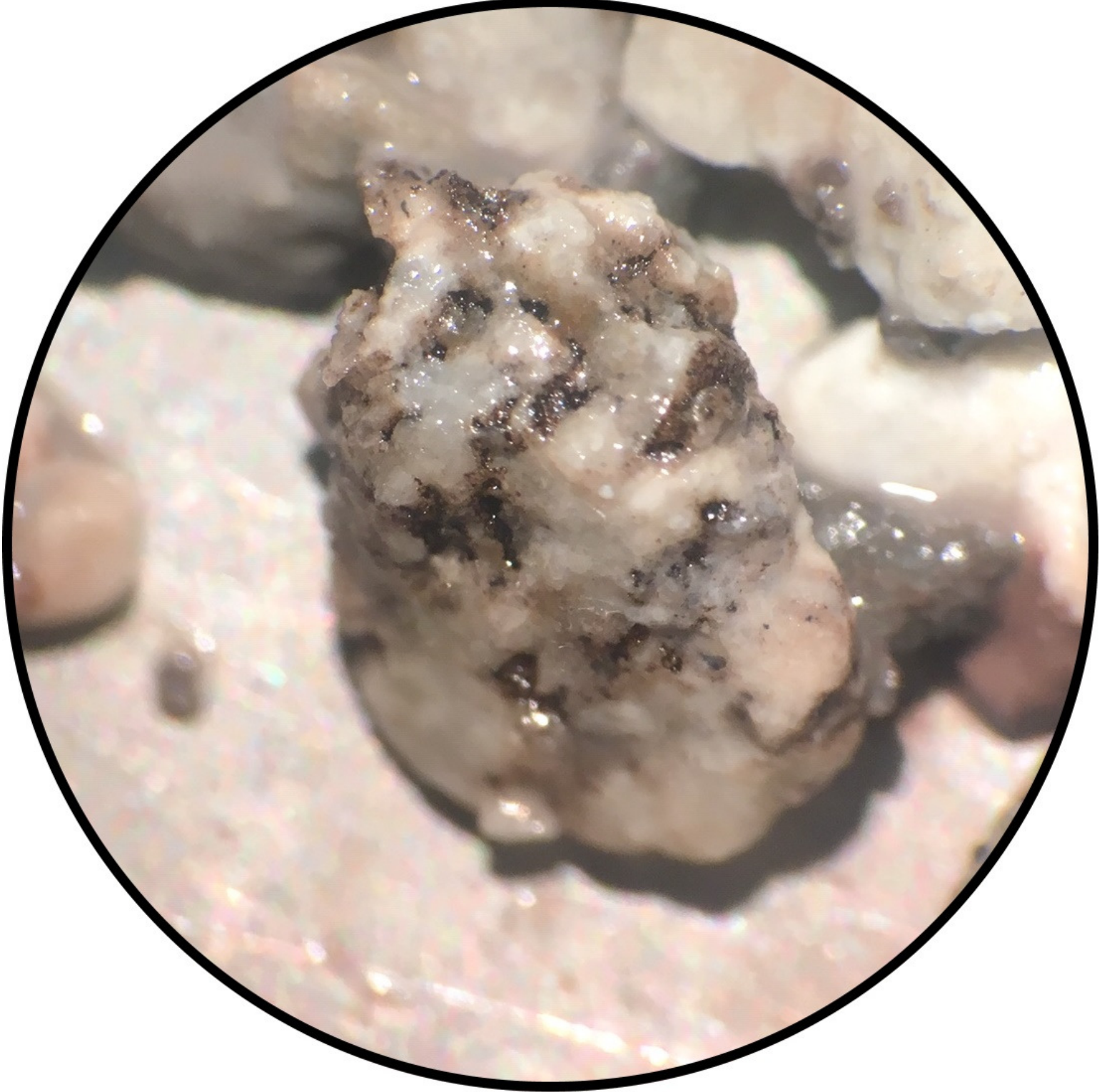
Lansing K_3702.JPG

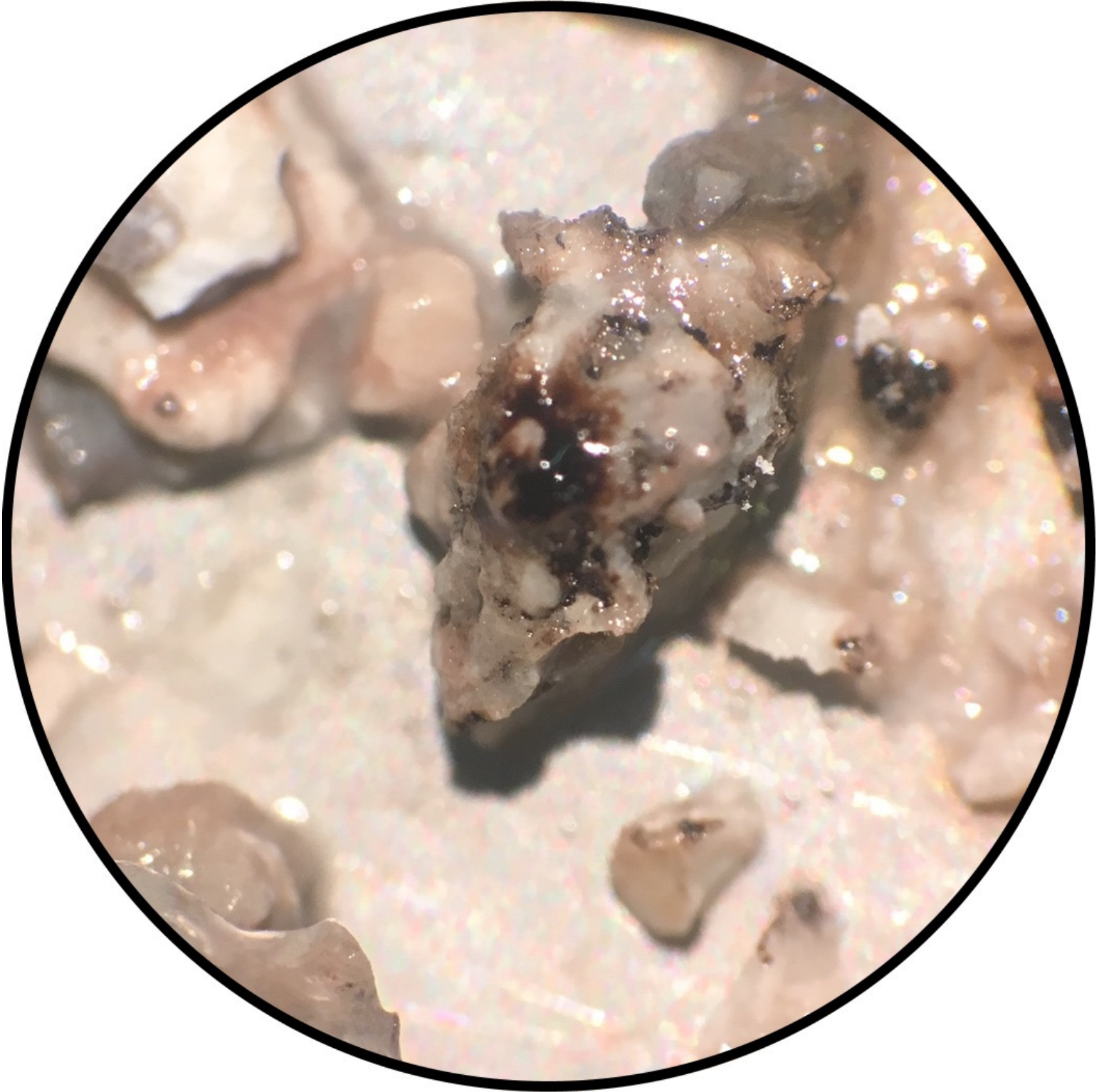
Wt. 9.2
 Vis 50
 LCM 3 #

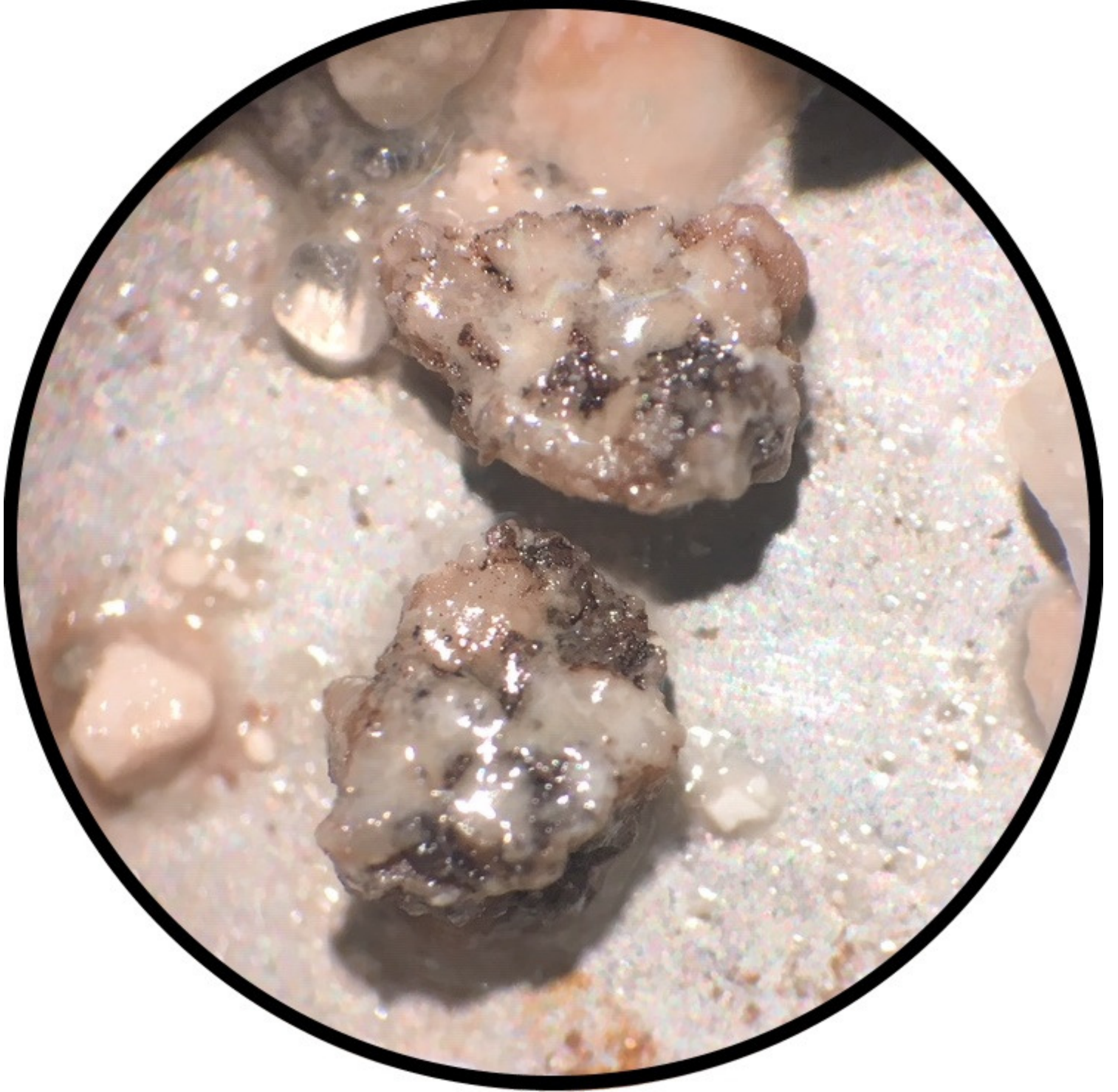
Wt. 9.3
 Vis 50
 LCM 2 #



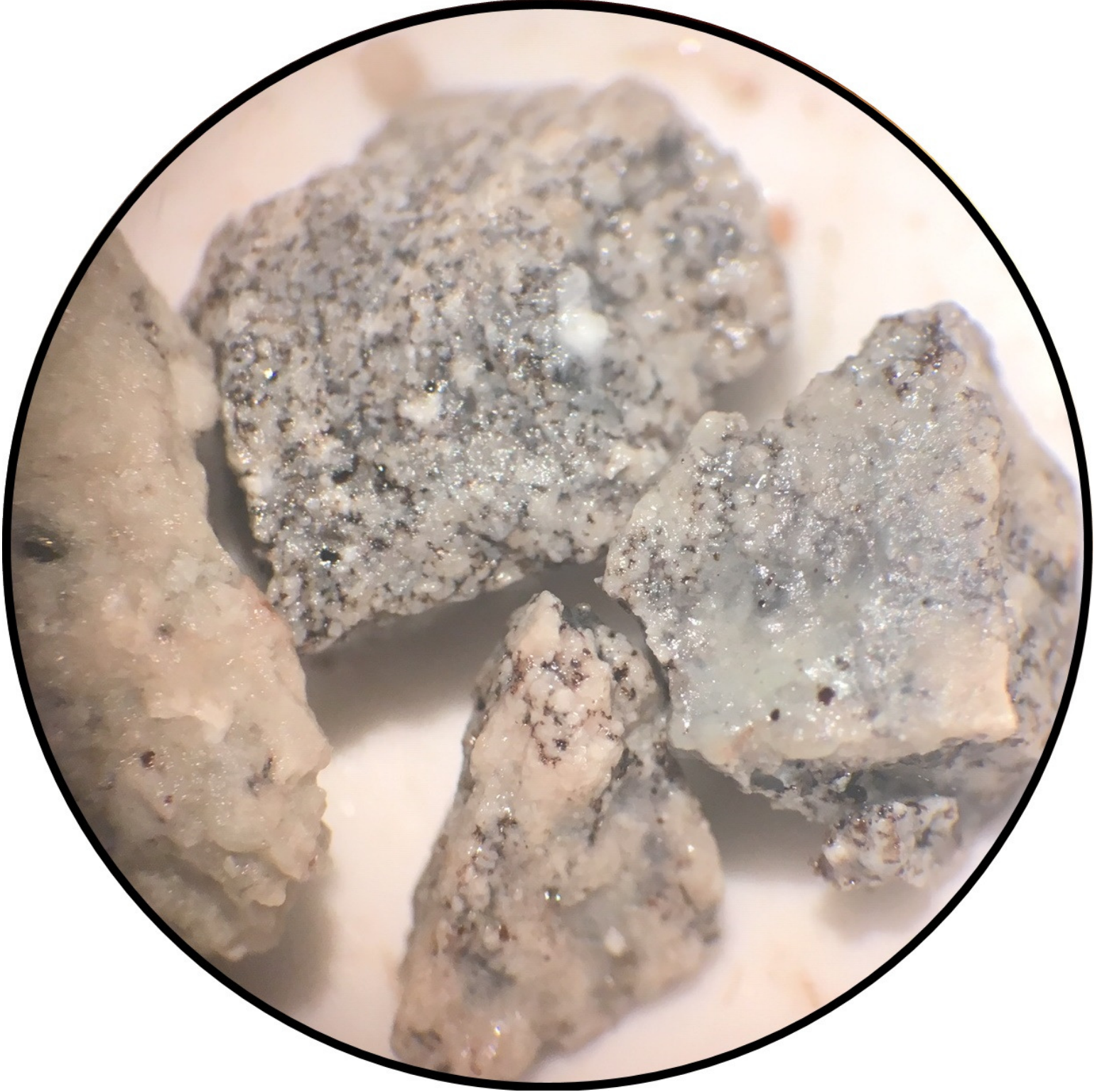


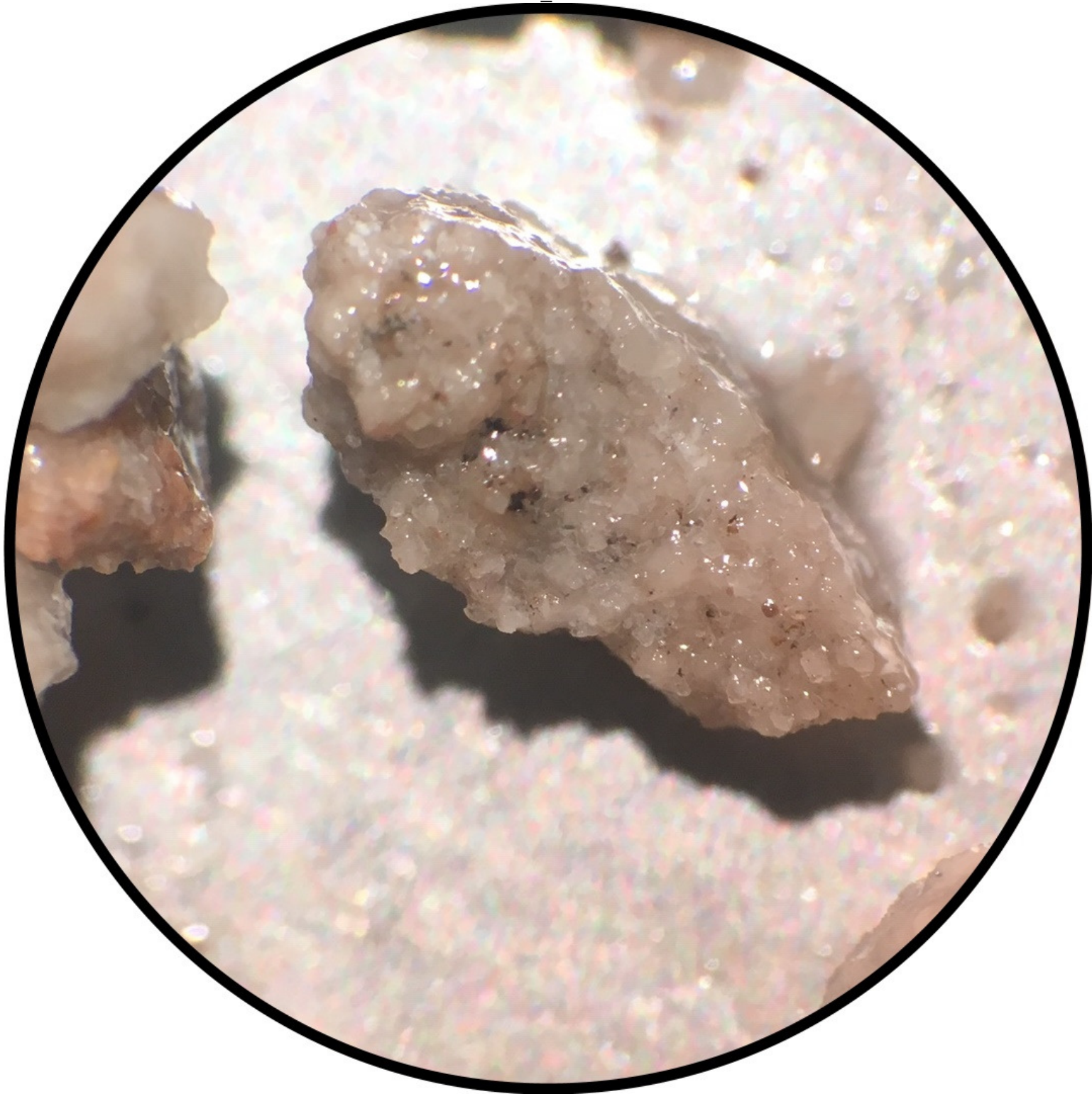
















TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Meridian Energy, Inc.

7-9S-21W Graham, KS

1475 Ward Dr.
Franktown, CO 80116

Foster #1

ATTN: Maxwell LaFon

Job Ticket: 64500

DST#: 1

Test Start: 2019.10.01 @ 01:34:13

GENERAL INFORMATION:

Formation: **Lansing "E&F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:18:34

Time Test Ended: 08:50:49

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3566.00 ft (KB) To 3592.00 ft (KB) (TVD)

Reference Elevations: 2275.00 ft (KB)

Total Depth: 3592.00 ft (KB) (TVD)

2265.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8700 Outside

Press@RunDepth: 92.20 psig @ 3567.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.10.01

End Date:

2019.10.01

Last Calib.: 2019.10.01

Start Time: 01:34:14

End Time:

08:50:49

Time On Btm: 2019.10.01 @ 03:17:34

Time Off Btm: 2019.10.01 @ 07:07:49

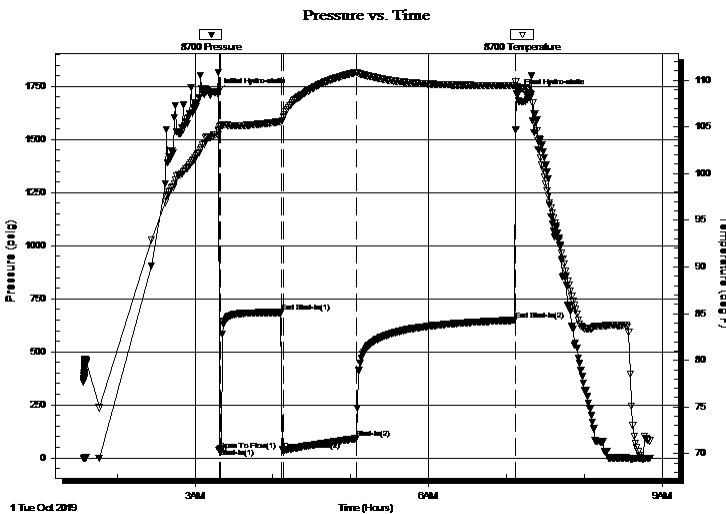
TEST COMMENT: 002- IF- Built to 1.49"

045- IS- No blow

060- FF- BOB 43mins. Built to 13.72"

120- FS- No blow

PRESSURE SUMMARY



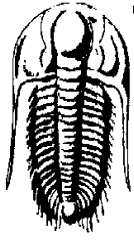
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1718.86	104.15	Initial Hydro-static
1	36.15	104.68	Open To Flow (1)
3	44.19	105.10	Shut-In(1)
49	685.58	105.56	End Shut-In(1)
51	37.37	106.05	Open To Flow (2)
107	92.20	110.81	Shut-In(2)
229	647.84	109.45	End Shut-In(2)
231	1717.39	109.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MW, 20%M 80%W	2.13

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Meridian Energy, Inc.

7-9S-21W Graham, KS

1475 Ward Dr.
Franktown, CO 80116

Foster #1

ATTN: Maxwell LaFon

Job Ticket: 64500

DST#: 1

Test Start: 2019.10.01 @ 01:34:13

GENERAL INFORMATION:

Formation: **Lansing "E&F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:18:34

Time Test Ended: 08:50:49

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3566.00 ft (KB) To 3592.00 ft (KB) (TVD)

Reference Elevations: 2275.00 ft (KB)

Total Depth: 3592.00 ft (KB) (TVD)

2265.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 6771 Inside

Press@RunDepth: psig @ 3567.00 ft (KB)

Start Date: 2019.10.01

End Date:

2019.10.01

Capacity: 8000.00 psig

Last Calib.:

2019.10.01

Start Time: 01:34:01

End Time:

08:50:21

Time On Btm:

Time Off Btm:

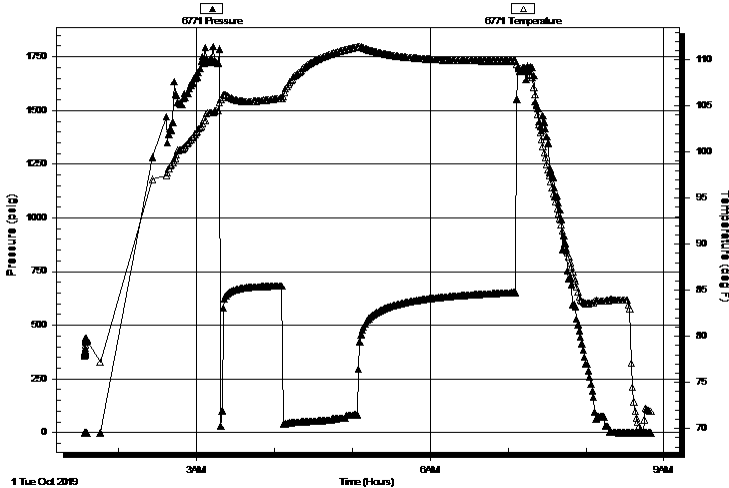
TEST COMMENT: 002- IF- Built to 1.49"

045- IS- No blow

060- FF- BOB 43mins. Built to 13.72"

120- FS- No blow

Pressure vs. Time



PRESSURE SUMMARY

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

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

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
150.00	MW, 20%M 80%W	2.13

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy, Inc.

7-9S-21W Graham, KS

1475 Ward Dr.
Franktown, CO 80116

Foster #1

Job Ticket: 64500

DST#: 1

ATTN: Maxwell LaFon

Test Start: 2019.10.01 @ 01:34:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

39000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	MW, 20%M 80%W	2.126

Total Length: 150.00 ft Total Volume: 2.126 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .17@69deg

