

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 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) (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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	SIMON SAYS UNIT 1
Doc ID	1674804

All Electric Logs Run

Induction
Porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	SIMON SAYS UNIT 1
Doc ID	1674804

Tops

Name	Top	Datum
Stone Corral	2854	+321
Foraker	3578	-402
Topeka	3875	-699
Heebner	4044	-868
Toronto	4076	-900
Lansing A	4093	-917
Lansing B	4124	-948
Lansing D	4134	-958
Lansing G	4162	-986
Mucie Creek	4204	-1028
Lansing H	4218	-1042
Lansing J	4266	-1090
Stark	4278	-1102
Lansing K	4296	-1120
Lansing L	4326	-1150
BKC	4338	-1162
Marmaton	4387	-1211
Pawnee	4459	-1283
Myrick Station	4484	-1308
Fort Scott	4516	-1340
Cherokee	4538	-1362
Mississippian	4673	-1497





**ROCK TYPES**

Cht	Lmst fw>7	Shblk
Lmst fw<7	Ss	Shcol

**OTHER SYMBOLS**

**OIL SHOWS**

- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

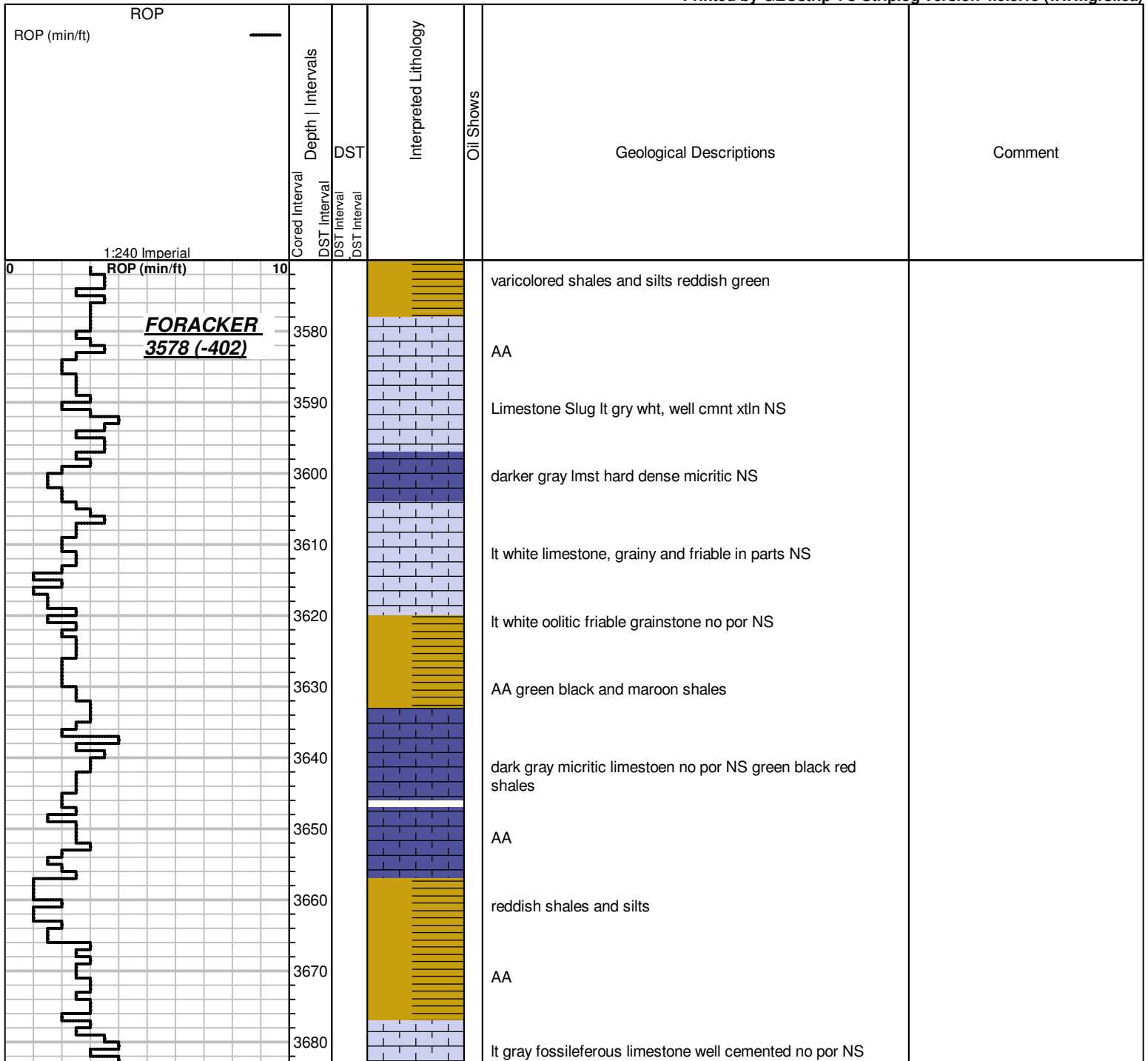
**MISC**

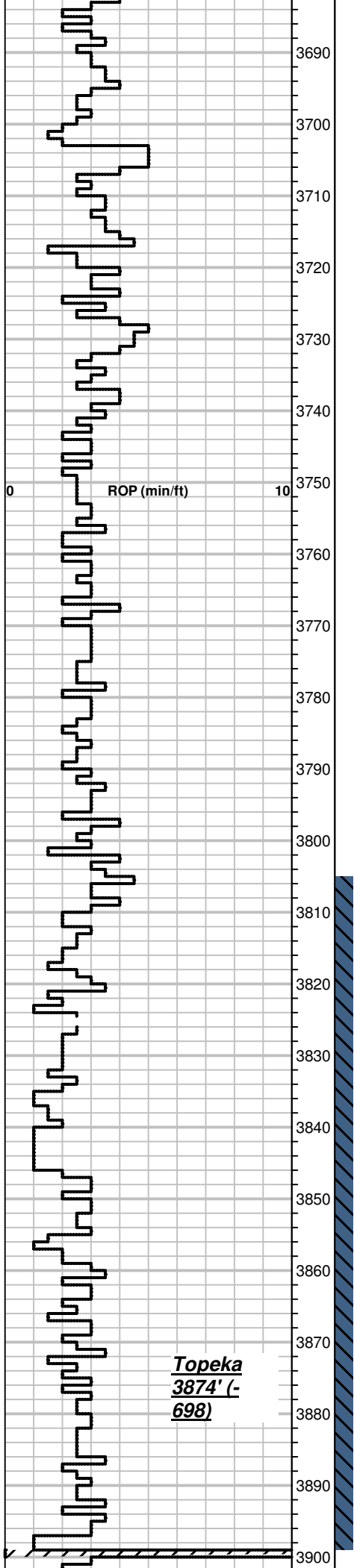
- Daily Report
- Digital Photo
- Document
- Folder
- Link
- Vertical Log File
- Horizontal Log File
- Core Log File
- Drill Cuttings Rpt

**DST**

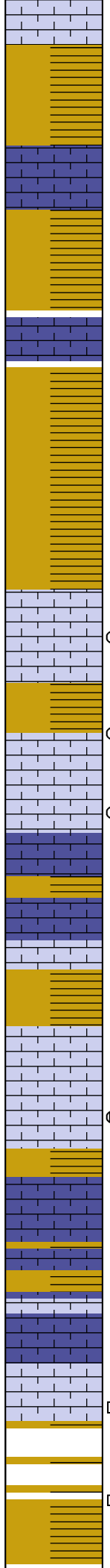
- DST Interval
- DST Interval

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





**Topeka**  
**3874' (-**  
**698)**



AA  
 red maroon silts and shales

AA green med gry dense micritic limestone

black purple/maroon shales

AA with med gray micritic limestone

dk gray blk siltstones AA

reddish silts and varicolored shales

purplish green and black siltstones and shales

med gray fossiferous lmst well cemented no por NS  
 also crm white fossiferous LS with micro vugular pinpoint  
 porosity with fair show free oil

similar shows as above couple of grains more friable with  
 poorer saturation SFO (looks wettish)

good slug limestone, lt gray some fossiferous hard dense  
 with micro vug por SFO (tightish)  
 couple more grainier pieces with SFO

AA

lt gray slug micritic limestone no por, no shows

wht crm chalky lmst with well cemented fossiferous lmst no  
 por, no shows

AA

AA with several cuttings of oolitic limestone grainstone,  
 friable with good oil saturation on crush, couple oil specks in  
 cup

crm wht mxltln micritic limestone no por, no show

AA

lt gray micriti lmst with maroon green silts no por, NS

D AA with well cemented grainstone, tight dense show of dead  
 oil ( not moveable) no free oil. Oil looks degraded

D AA

dk gry red green silts and variocolred shales

wtls white lmst some dense some crushable no por, NS

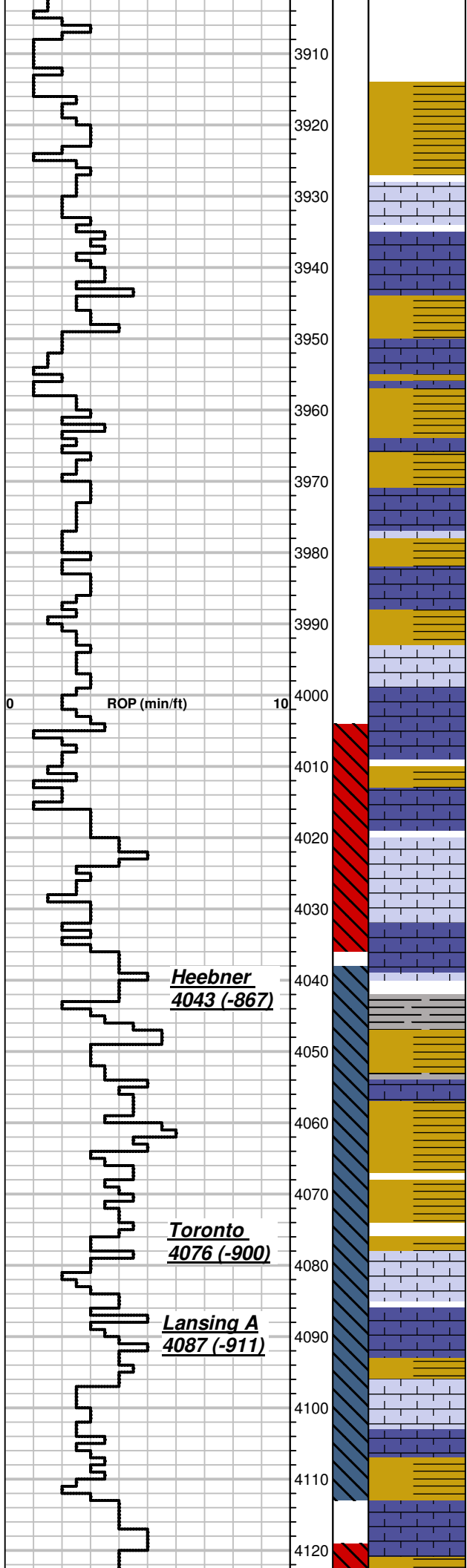
**Mud Co mud check**  
**3729'**  
**8.9 lb/ gal**  
**.463 psi/ft**  
**50 visc**  
**2000 ppm CI**  
**35 mins btm up**

IMG-2054.jpg

topeka1.jpg

topeka2.jpg

**DST #1 Topeka**  
**2-45-45-90**  
**180' M**  
**ISIP: 1212 psi**  
**FSIP: 1096 psi**



xtln white imst some dense some crushable no vis por, NS also some white chalky limestone

3910 AA

3920 reddish brown silts and shales

3930 xtln wht limestone slug with very good show of tarry asphalt like oil. Very goopy. Oil scum in cup

3940 similar show as above. Also wht xtln LS NS no por

3950 AA Similar show

3960 Crm white xtln limestone no por no show

3970 xtln limestone with dk blk tarry oil. Oil staining on grain edges and surface. Seems to lack matrix porosity

3980 xtln LS with dk blk tarry oil AA. Some more cemented oolitic LS with tarry oil and sime more interparticle porosity

3990 Similar show as above some with vugular surface stain of same tarry oil, when broken open has lack of show, Some had more grainy texture too it with fine interparticle posirsy and sam show of tarry oil

4000

4010 AA similar show

4020 lt to med gray micritic limesotne no por no show

4030 sparser show than above mostly lt wht crm colored mxtn LS no por and dense

4040 wht crm micritic LS no por some grainy with tarry oil (Topeka cuttings from above?)

4050 Cavings from above (cleaned out sample catcher)

4060 small amount of dark black shale ( heebner)

4070 AA

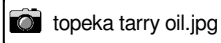
4080 Several grains with good show, vugular porosity with good oil saturation, strong odor, oil drops in cup

4090 similar show as above

4100 good show of free oil, in vugular porosity, oil in cup strong odor

4110 varicolored hailes

4120 limestone like sand, hard dense, shw free oil on crush med gray xtln looks tight

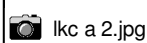
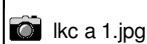


**Mudco Mud Check**  
**4054'**  
 9.1 lb/gal  
 .473 psi/ft  
 56 visc  
 2800 ppm Cl  
 38 mins btms up

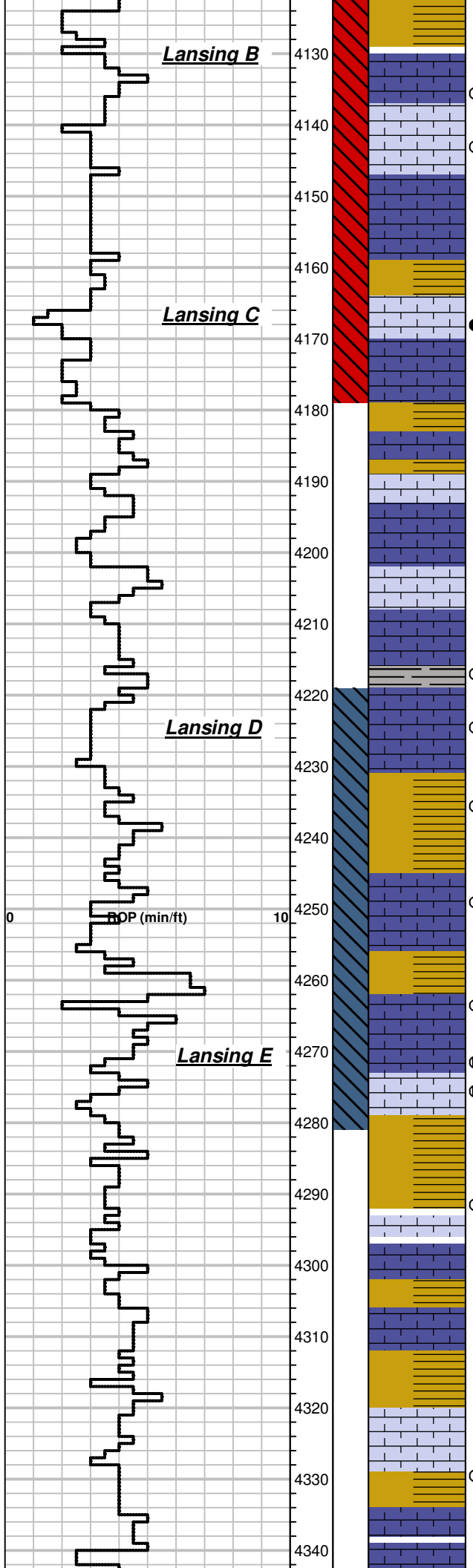
**DST #2 Oread**  
**2-45-45-45**  
**120' mcw**  
**60' ocmw 5% oil**  
**63' gocm 20% oil**  
**113' oil**  
**ISIP: 1268 psi**  
**FSIP: 1249 psi**



**DST #3 Tor / LKC A**  
**2-30-45-80**  
**378' W**  
**189' ocwm (10% oil)**  
**92' ocm (10%oil)**  
**2' oil**  
**ISIP: 1271 psi**  
**FSIP: 1194 psi**



**DST #4 Lansing B & C**  
**2-45-45-90**



variety of carbonate grains, some with micro vugular porosity some with show of free oil some without. Edge stain and goos stain on several vugs Good odor  
Sample lacks quantity, most rock looks tight poor drilling break

oolitic well cemented limestone with vuggy porosity, some free oil strong odor in cup

crm to wht mxtn micritic LS no por NS few grains of very fine grained oolitic LS free oil on crush fair odor in cup looks pretty tight

Pretty wak show few grains with edge stain of free oil, lack of marix or vuggy porosity

OOolitic limestone, friable good stain and show of free oil on crush, good odor in cup

few grains like show from above (cuttings) friable sfo and varicolored shales (check logs, drill time makes this interval look like shales

well cemented grainstone mostly barren of show, small specks of oil odor in cup. Few grains with micro intnglr porosity and better sfo. Overall sample lack quantity of show and the most crushalbe gains look wet

crushable grainstone wet, lacks show, pretty well cemented and tigh grainstone as well  
1 grain with poor;y interconnected vuggy porosity(micro) looks poorly cemented, the rest looks dense

4210 30" fg lmst like sand darker gray and friable, intergranular porosity sfo , and black shale

dense mxtn ls with sfo on break

mostly fossileferous mud supported wkst ni por NS  
1 grain supported grainstone intergranular por gdsfo

good slug lmst crm wht mxtn no por NS  
1 grain vuggy porosity with oil stain

AA

30" AA mostly crm /wht dense mxtn ls no por ns few grains with scattered oil stained vugs

red green varicolored shales  
foss lmst well cmnt, fair intergranular porosity with SFO  
very chalky ls with sfo on crush

several grains of fine grained grainstone with good oil saturation on crush interparticle porosity

Stark Shale - varicolored shale marron and black

AA few grains mxtn LS with poor vuggy por and ssfo very dense overall

AA

Good slug of lime gry to crm mxtn no vis porosity NS

AA Couple grains of friable white grainstone with ssfo

mostly mxtn LS no por NS  
Couple grains with decent vugular porosity and SFO. Sample lacks quantity ( check logs)

**63' gocmw (10% oil)**  
**220' gocwm (10% oil)**  
**94' ocwm (20% oil)**  
**126' oil**  
**ISIP: 1313 psi**  
**FSIP: 1286 psi**

**Mudco Mud check**  
**4164'**  
**9.3 lb/gal**  
**.484 psi/ft**  
**63 visc**  
**2600 ppm Cl**  
**39 min**

lkc c1.jpg

lkc c2.jpg

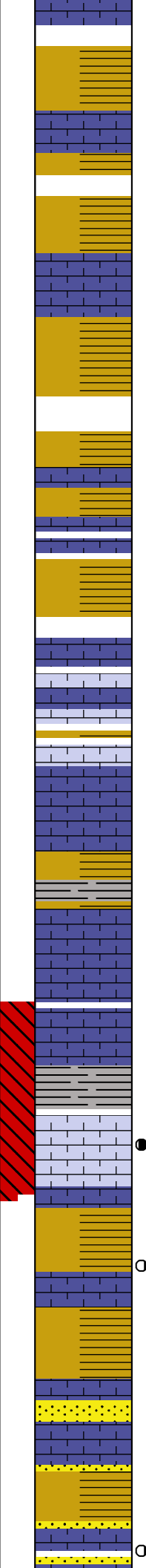
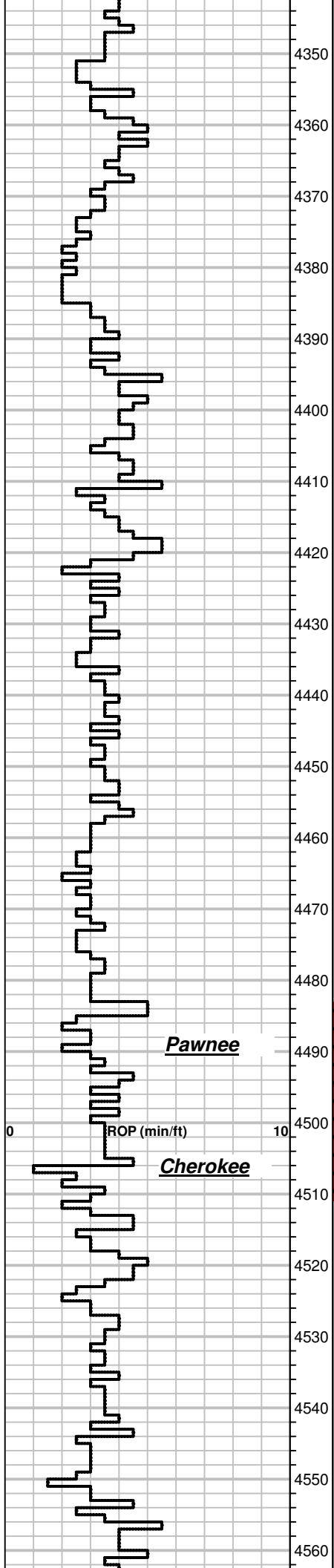
4220 .jpg

**DST #5 Lansing E**  
**2-45-45-90**  
**126' wcm oil spots**  
**126' ocwm (5%oil)**  
**83' ocm (10% oil)**  
**ISIP: 1313 psi**  
**FSIP 1266 psi**

lkc e1.jpg

lkc e2.jpg

**Mud co Mud check**  
**4334**  
**9.3 lb/gal**



.xtn micritic LS no por NS

4350 Lt tan sandstone fg, calcite cement, friable NSFO varicolored shales and mxtn LS

4360 AA more crm/wht mxtns LS

4370 AA

4380 micritic mud supportend LS no por NS

4390 dark red/ maroon shales and silts, fossileferous fine grain crystalline material well cemnted no por NS black shales too

4400 AA with more grains of mud supported crystalline LS no por NS

4410 AA

4420 AA

4430 reddish maroon silts and shale drk gray shale

4440 crm mxtn LS no por NS Redish pink xtn LS friable, pores look interfiled with reddish terrestrial silts, friable

4450 AA

4460 Lt gray xtn LS no por NS

4470 AA with black and maroon shales

4480 4482 circulate for samples 30" Good slug of wht crm LS fossileferous well cemented no vis por or show (60" AA)

4490 LS wht micro xtn tight NS

4490 AA tr black hot shale NS tight

4500 LS cream fine gine grainstone w/ intergranular some pin point vugular porosity, good porosity, good show free oil

4510

4520 varicolored shale black maroon gray, few randome grains with ssfo, very sparse ( 1 looks like possible cutting from above)

4530 AA varicolored shales and tt mxtn LS NS

4540 mxtn LS NS good slug of lime


4540 somw white very friable sandstobe NS goo poor mostly mxtn LS and mix of varicolored shales


4550 maroon gray shales and silts mxtn LS and pink green glauconitic sandstones no por NS

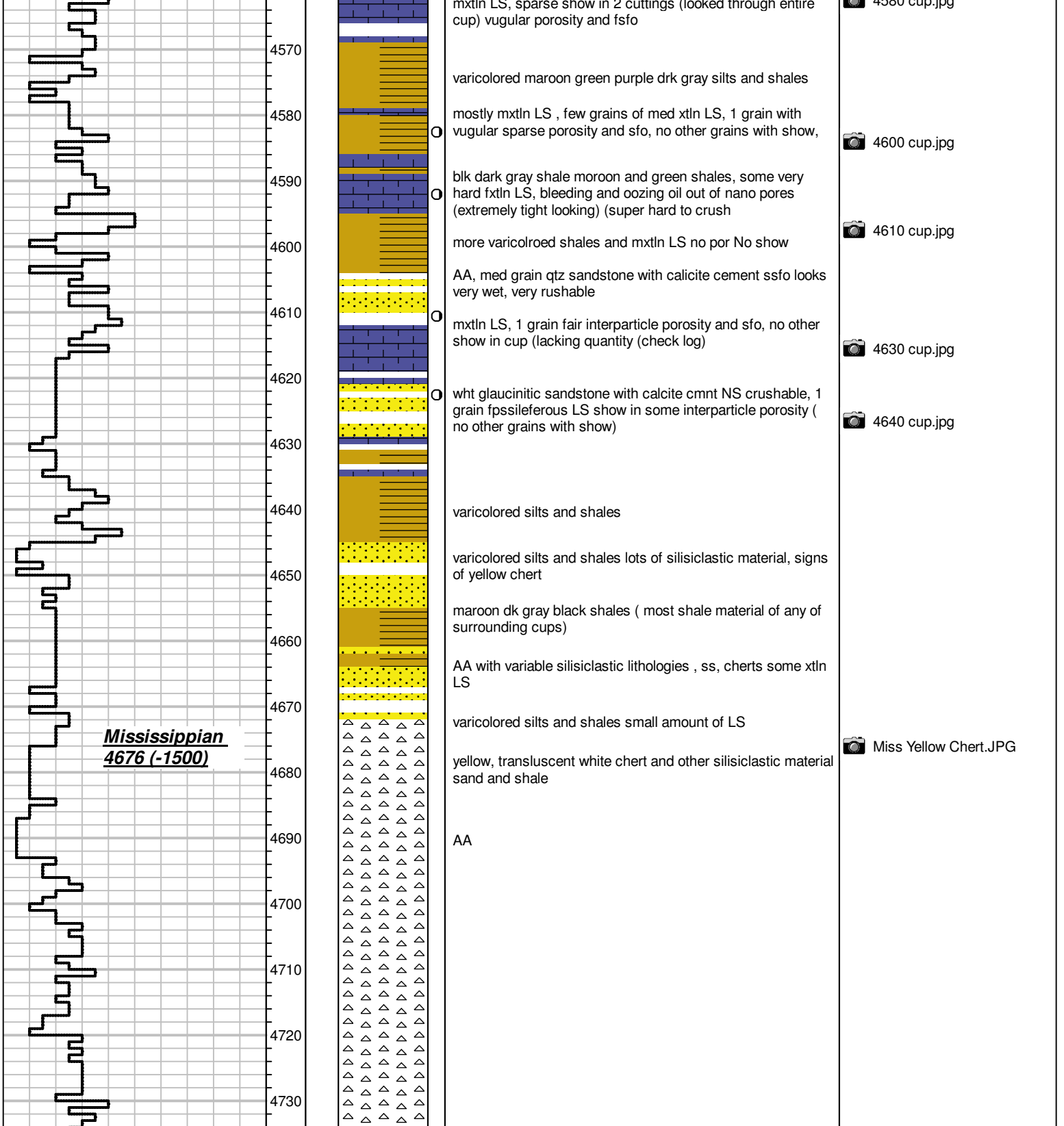
4560 course med gry sandstone no show very crushable, mostly

.484 psi/ft  
57 visc  
2400 CL  
41 mins bottoms up

**DST#6 Pawnee**  
**2-45-60-120**  
**120' MCW**  
**60' Mud with oil spots**  
**ISIP: 1262 psi**  
**FSIP: 1198 psi**

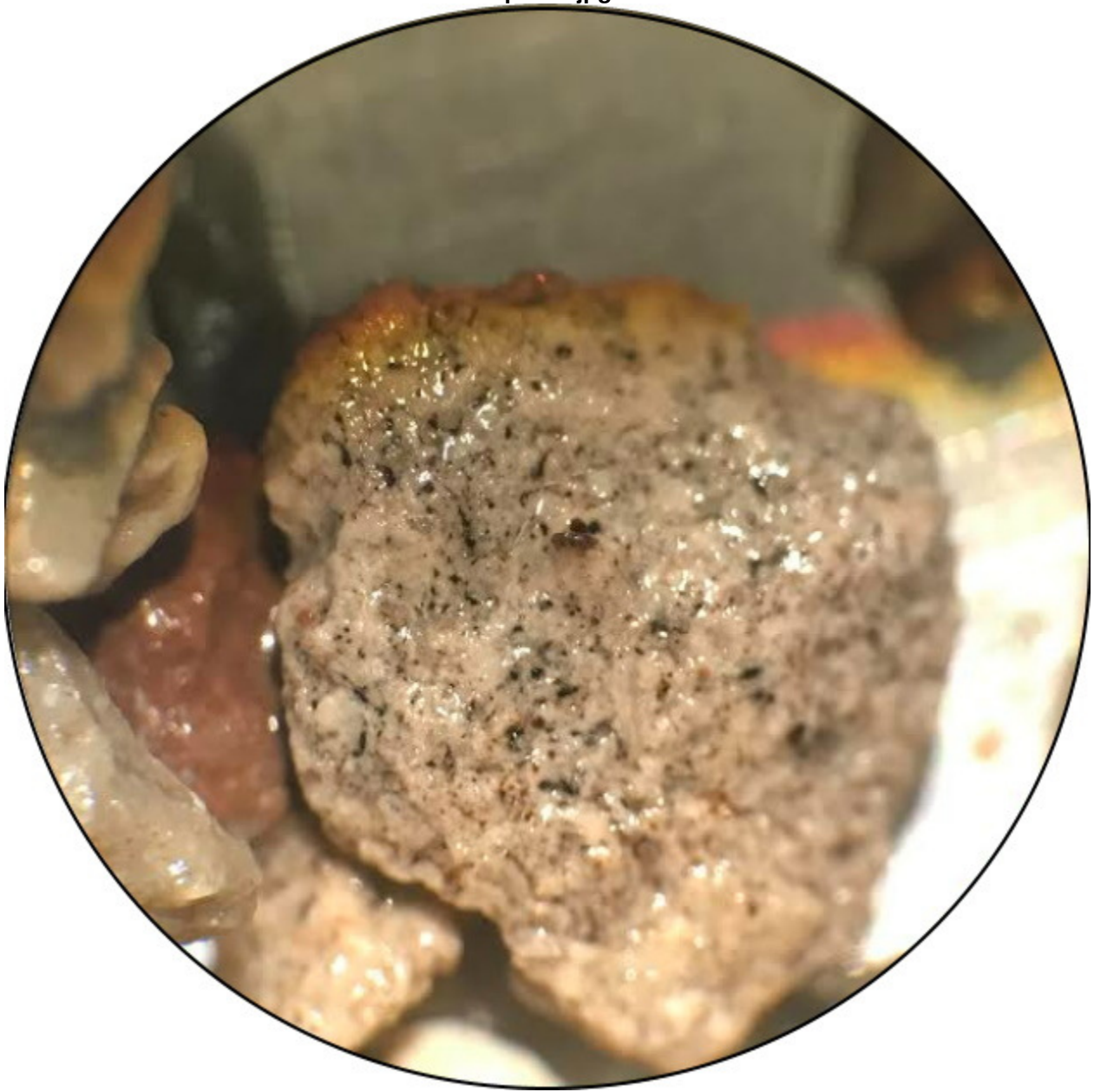
-  pawnee1.jpg
-  pawnee2.jpg
-  pawnee3.jpg

 4580 cup.jpg

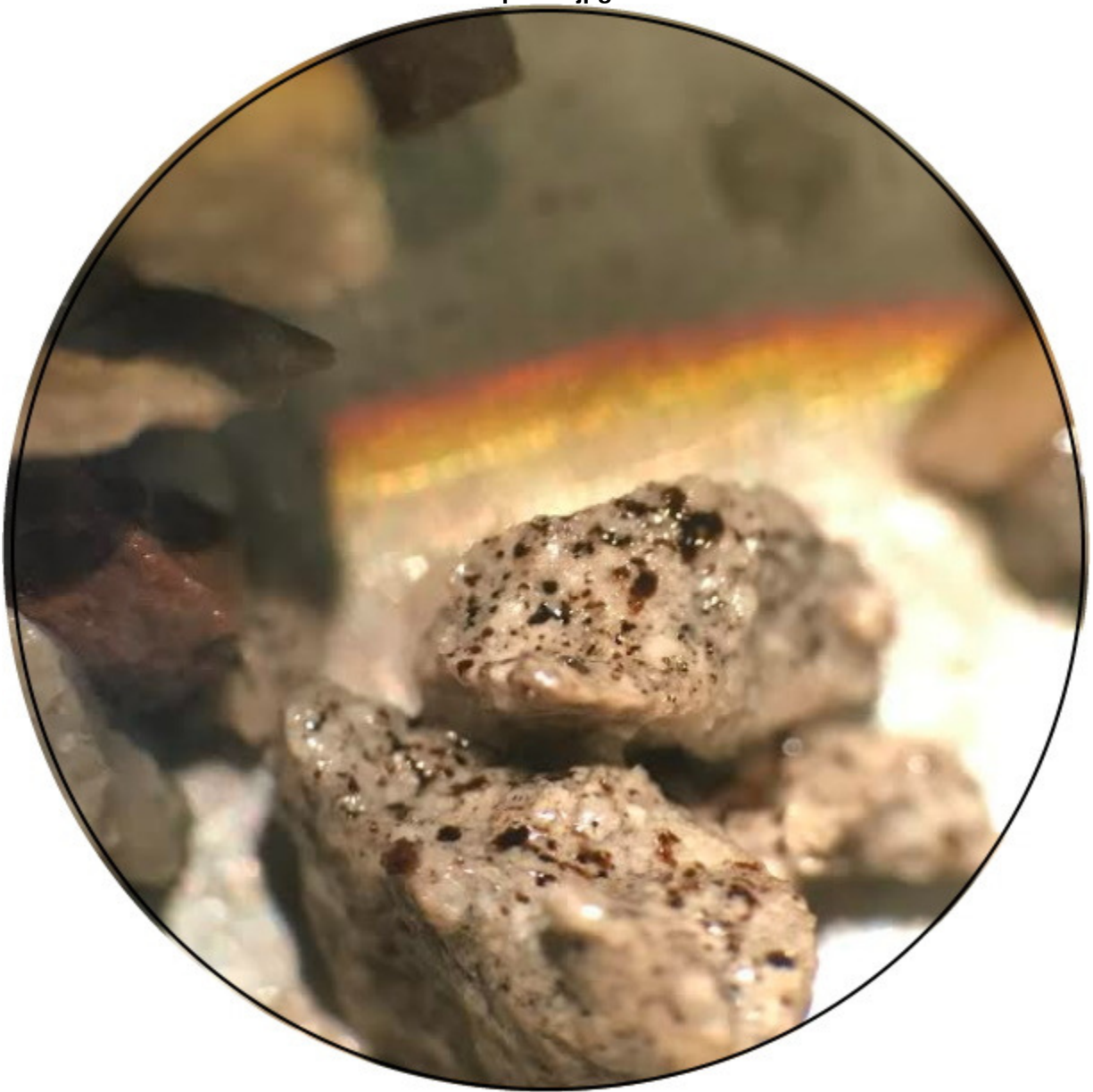




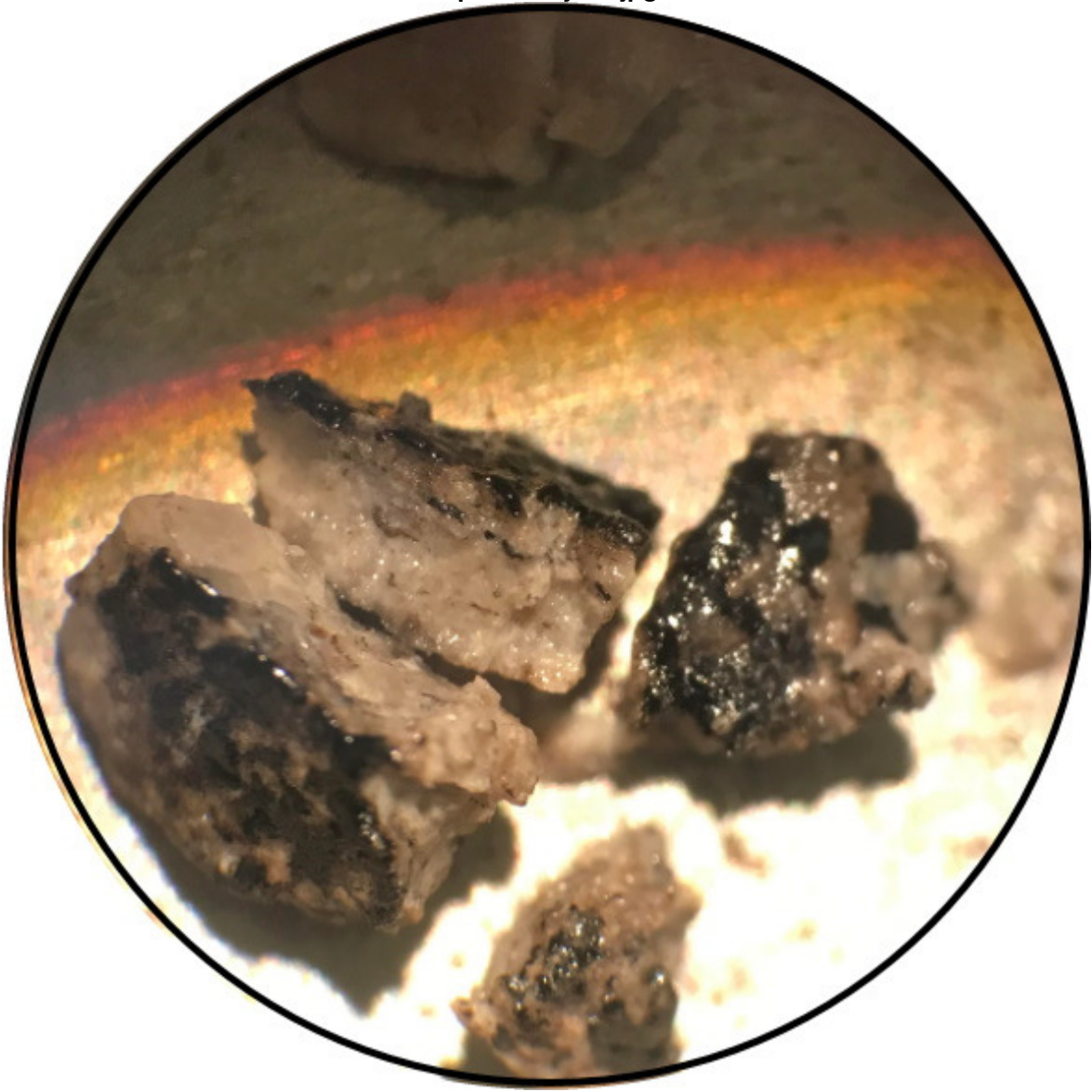
topeka1.jpg



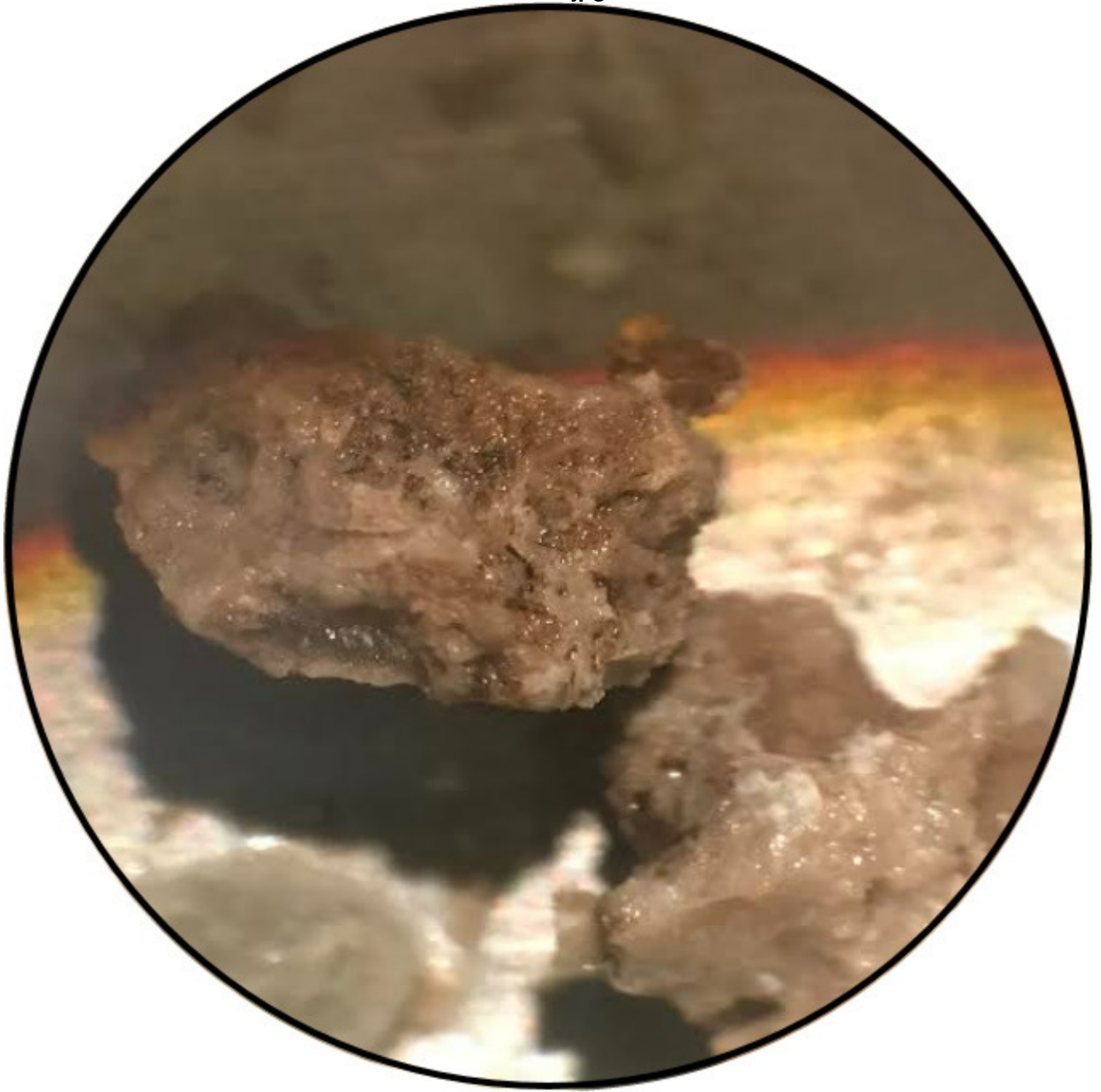
topeka2.jpg

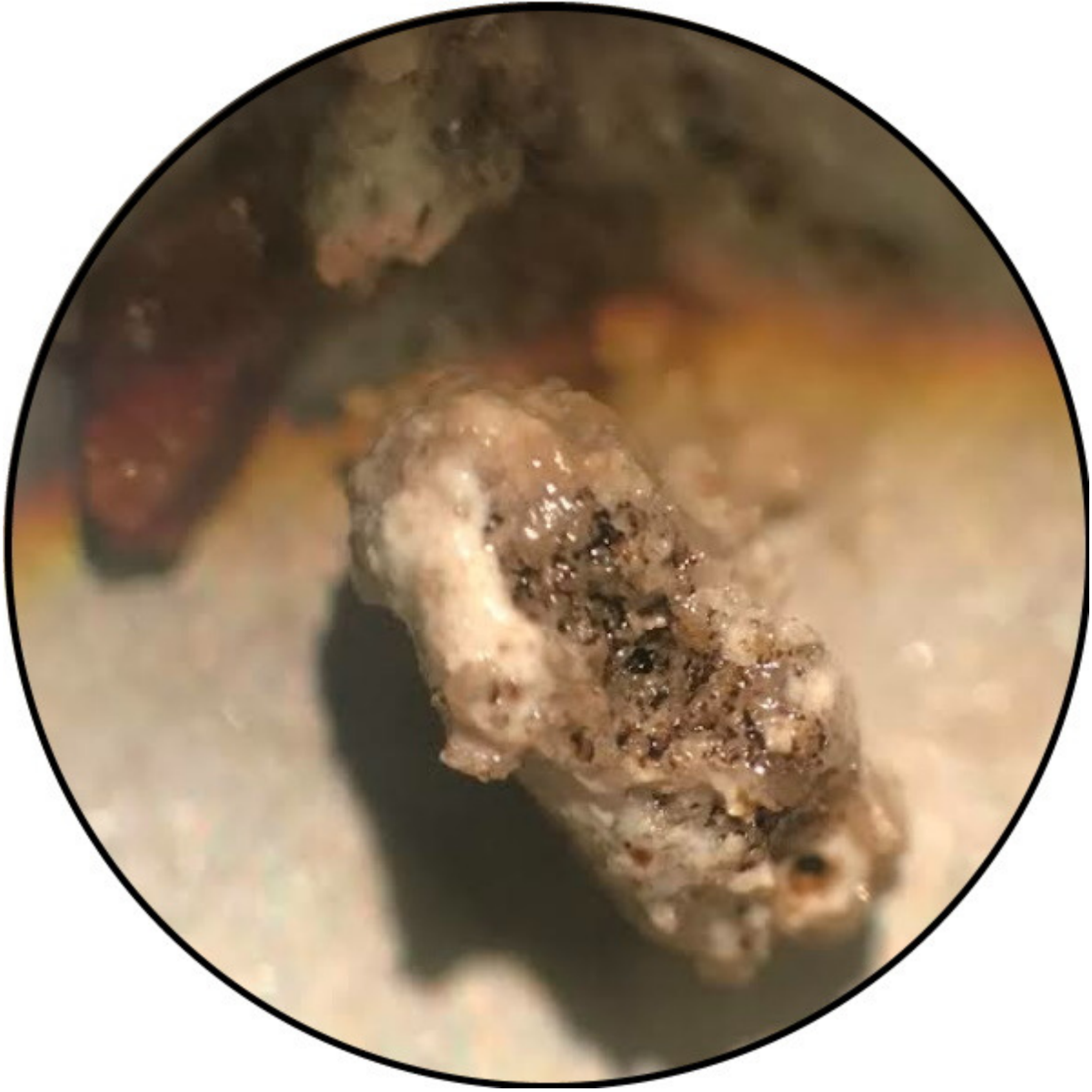


topeka tarry oil.jpg

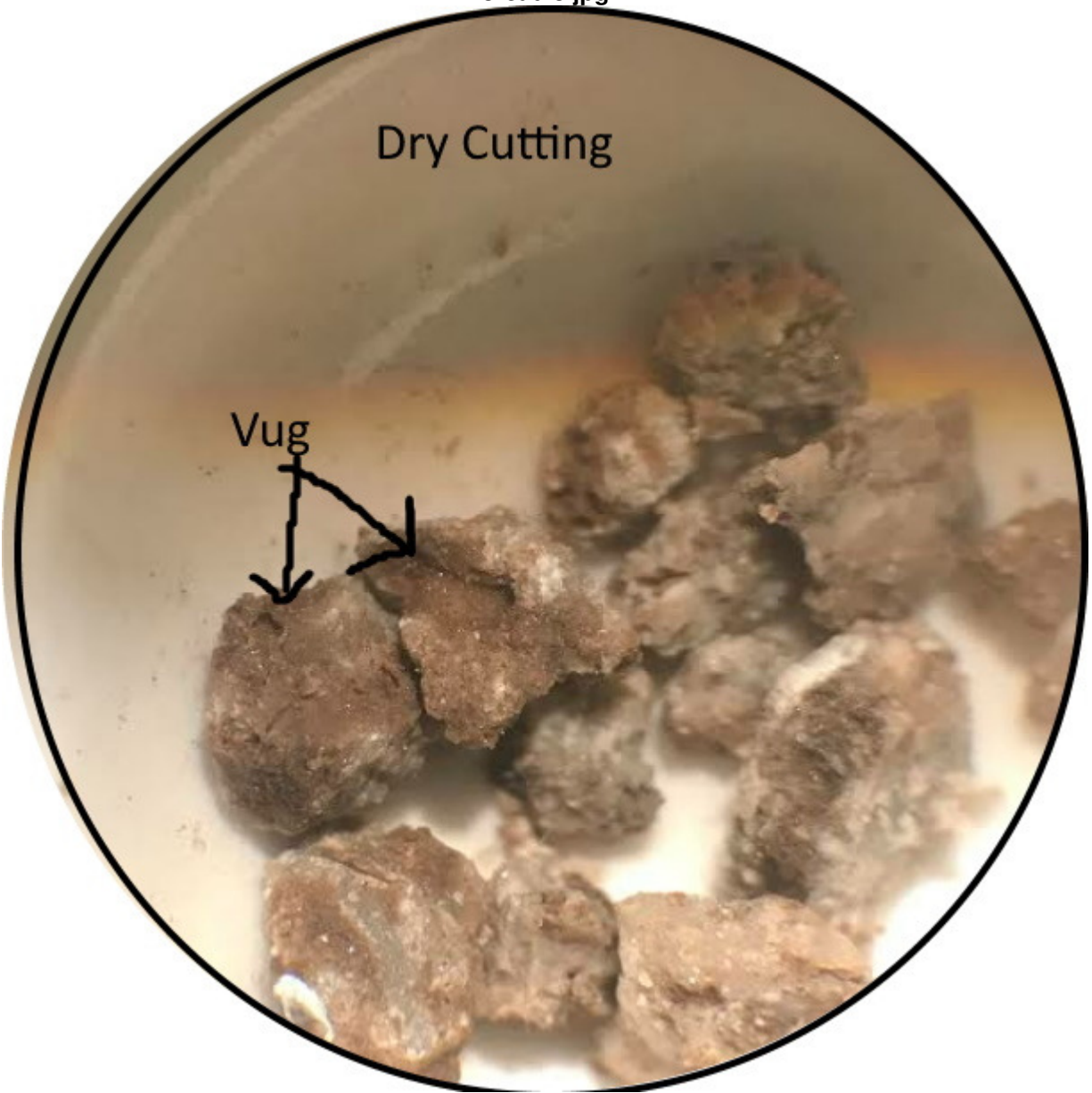


oread1.jpg





# Dry Cutting



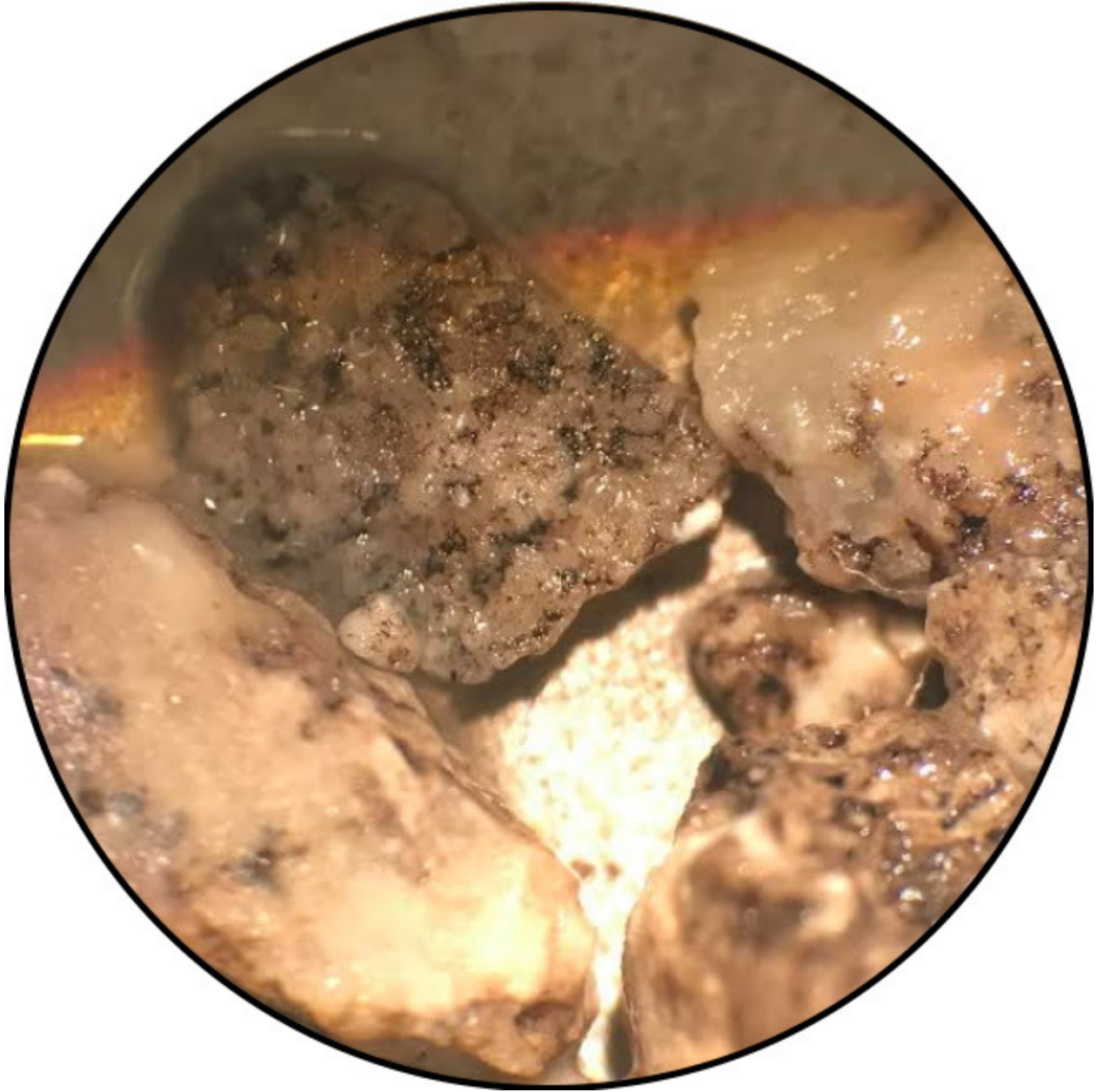
Vug



toronto2.jpg

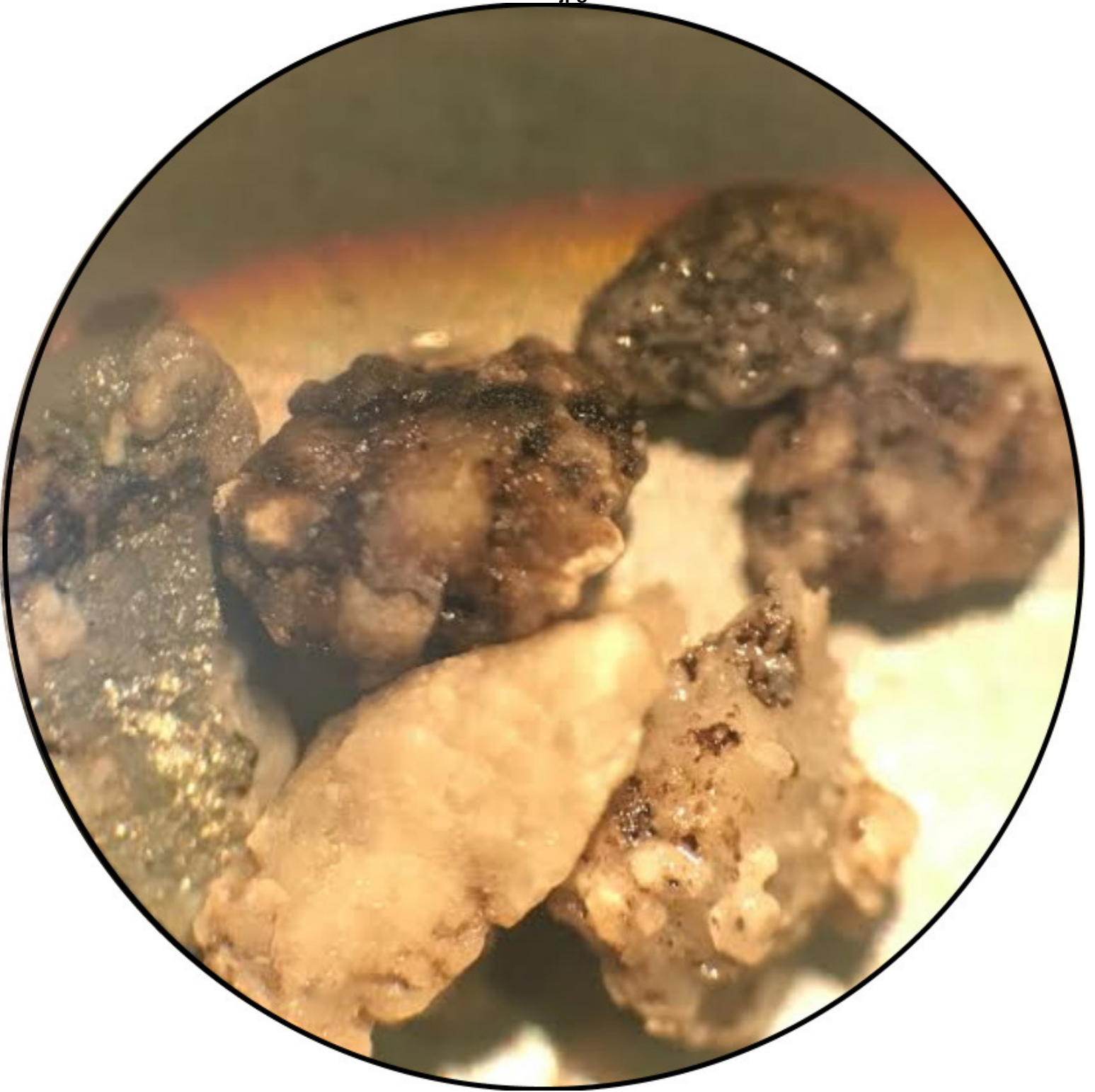


toronto3.jpg

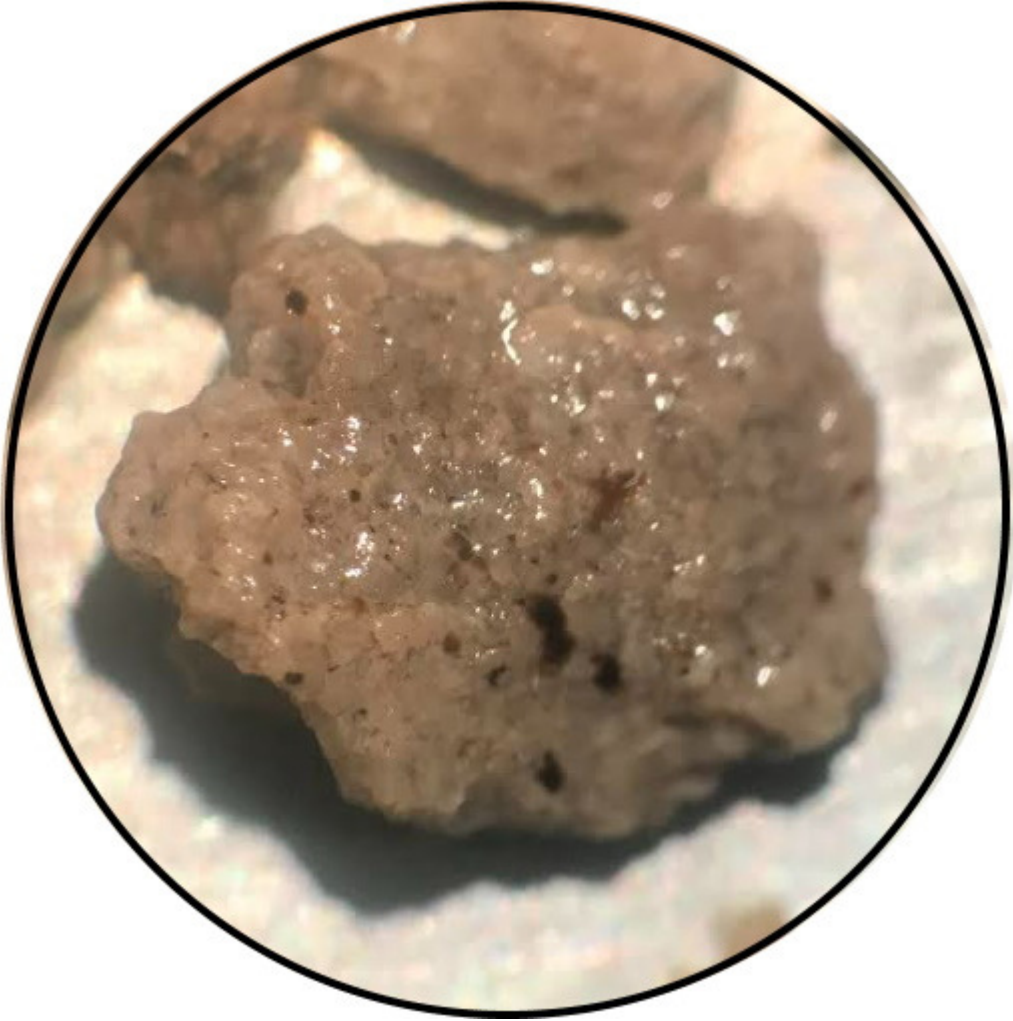


lkc a 1.jpg



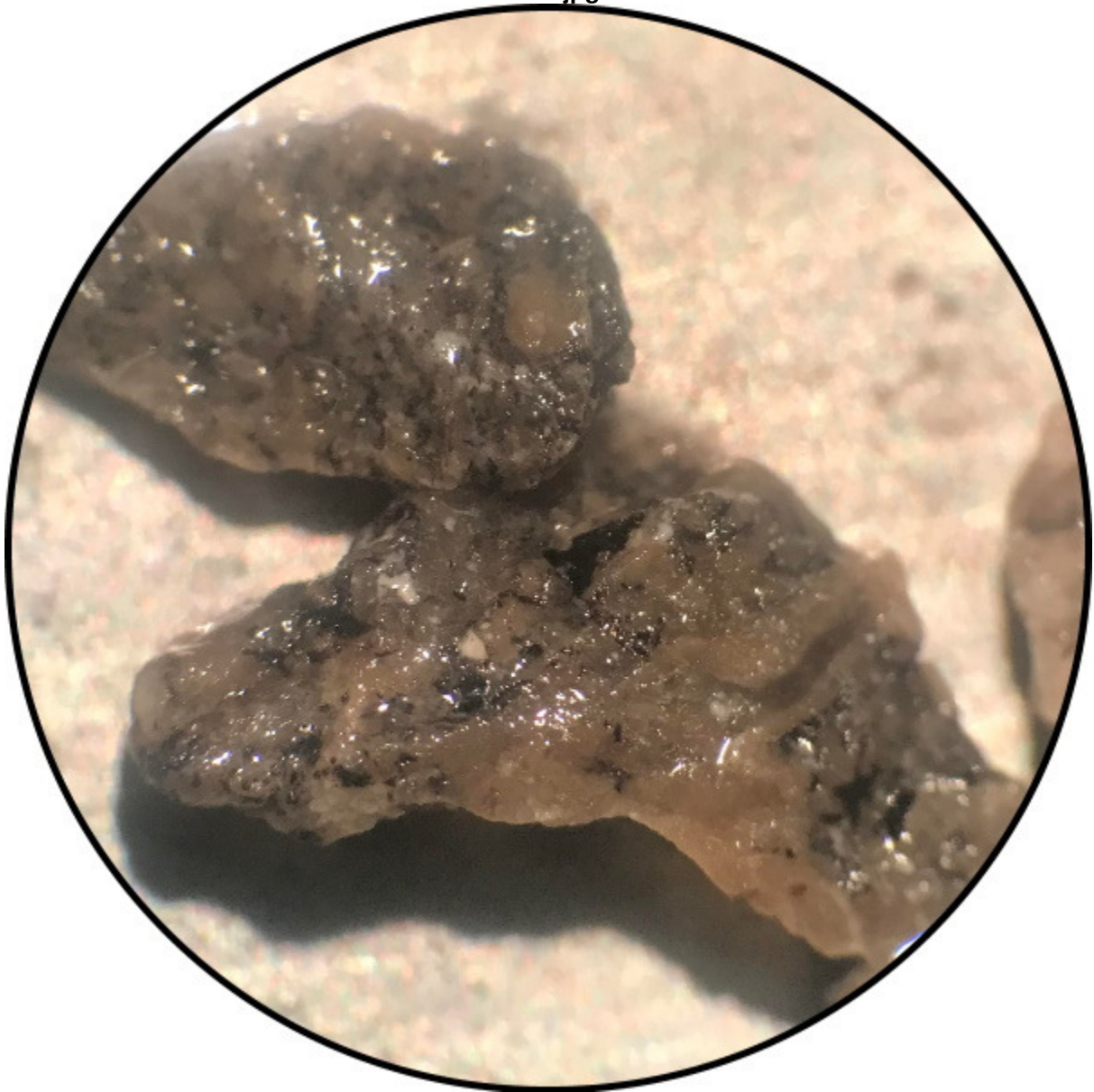


lkc c1.jpg

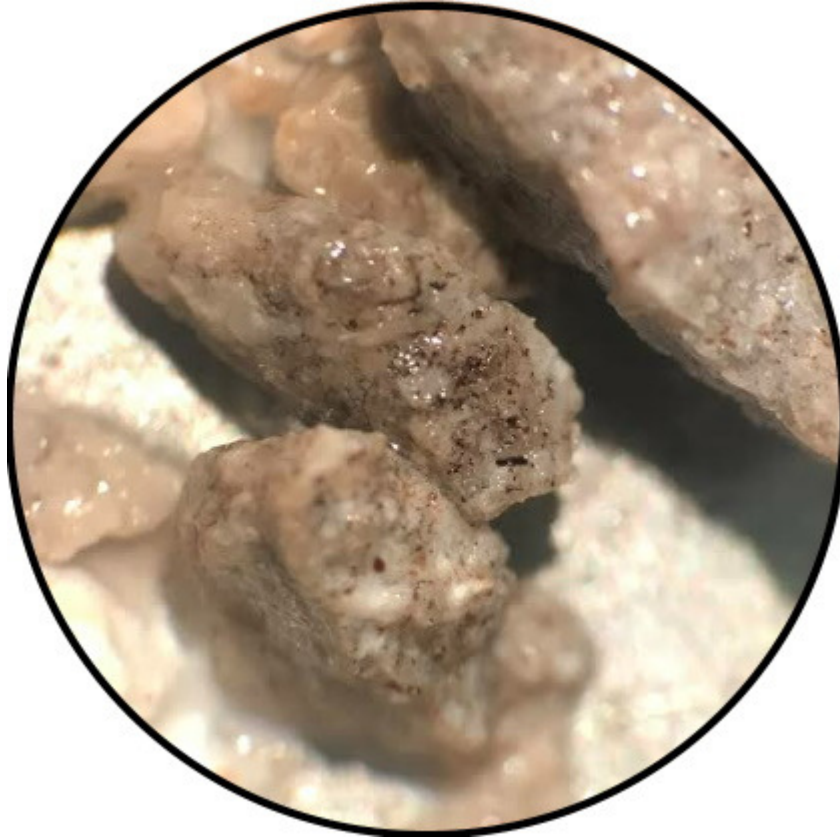


lkc c2.jpg

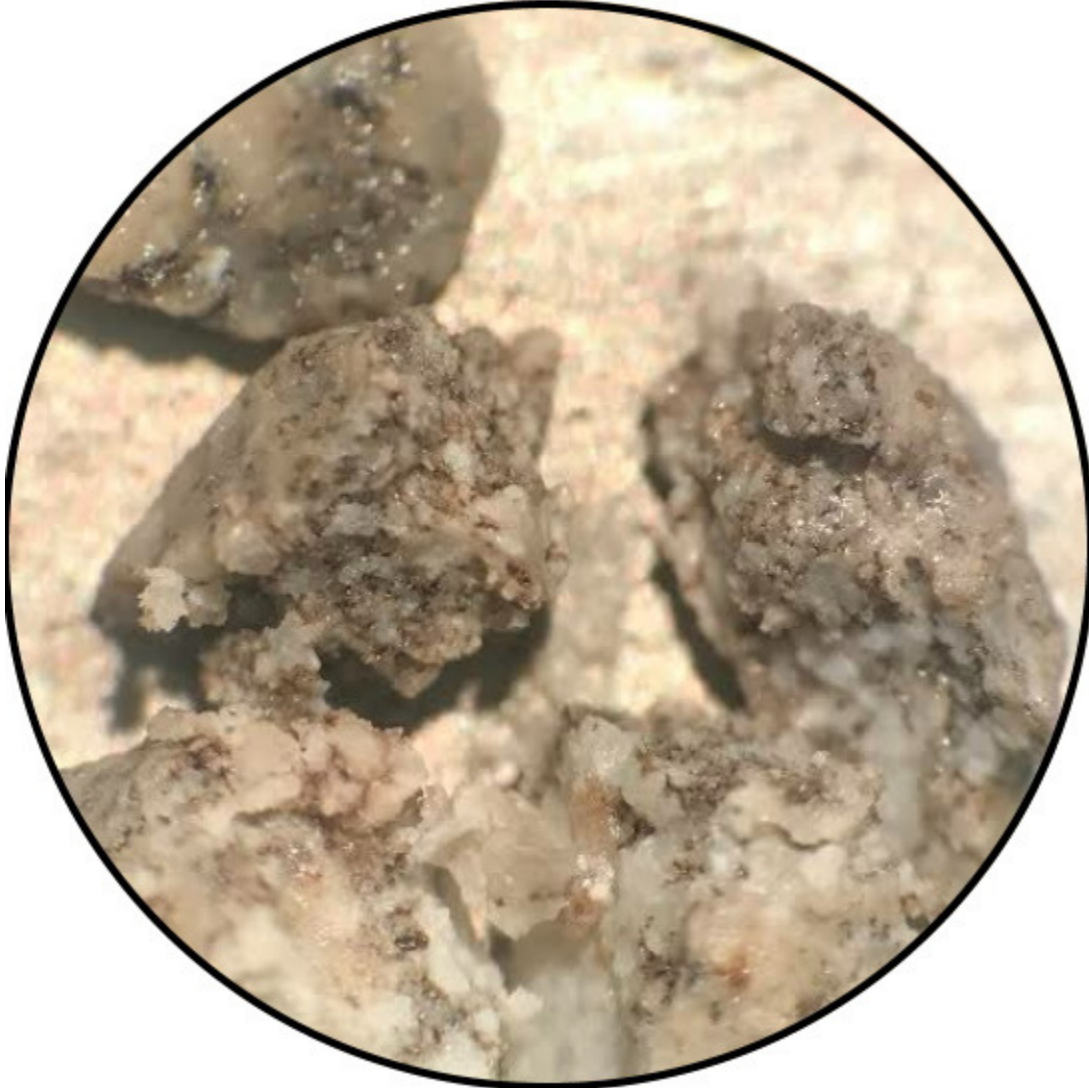




lkc e1.jpg



lkc e2.jpg



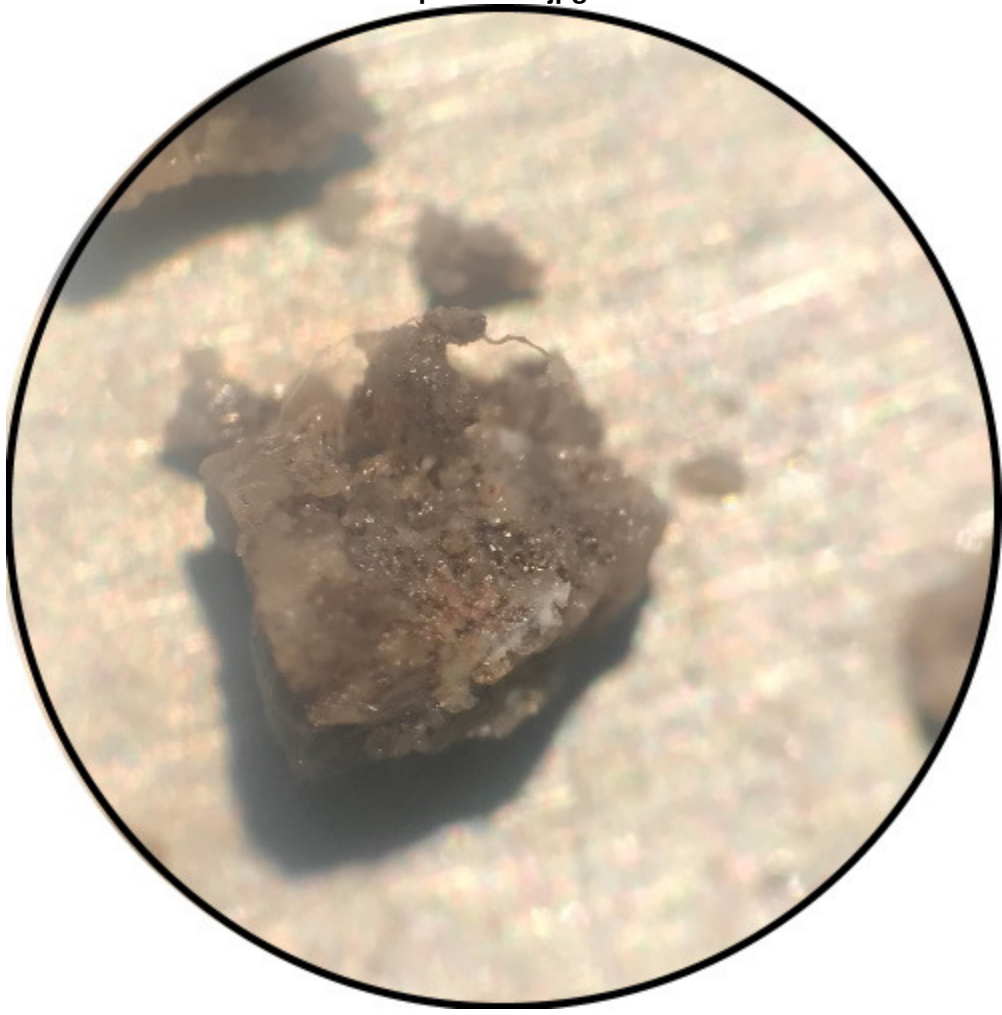
pawnee1.jpg



pawnee2.jpg



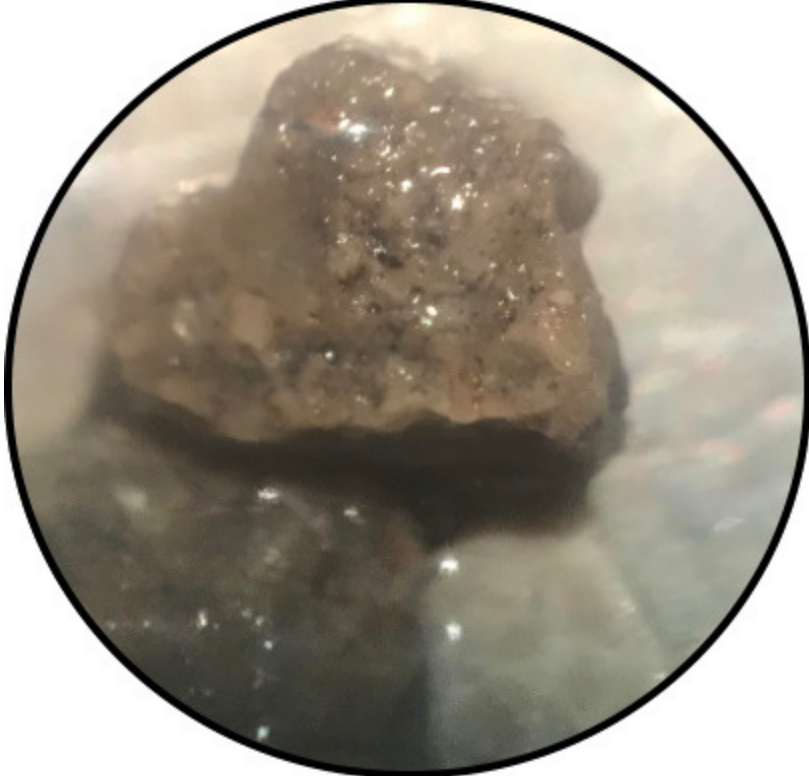
pawnee 4.jpg



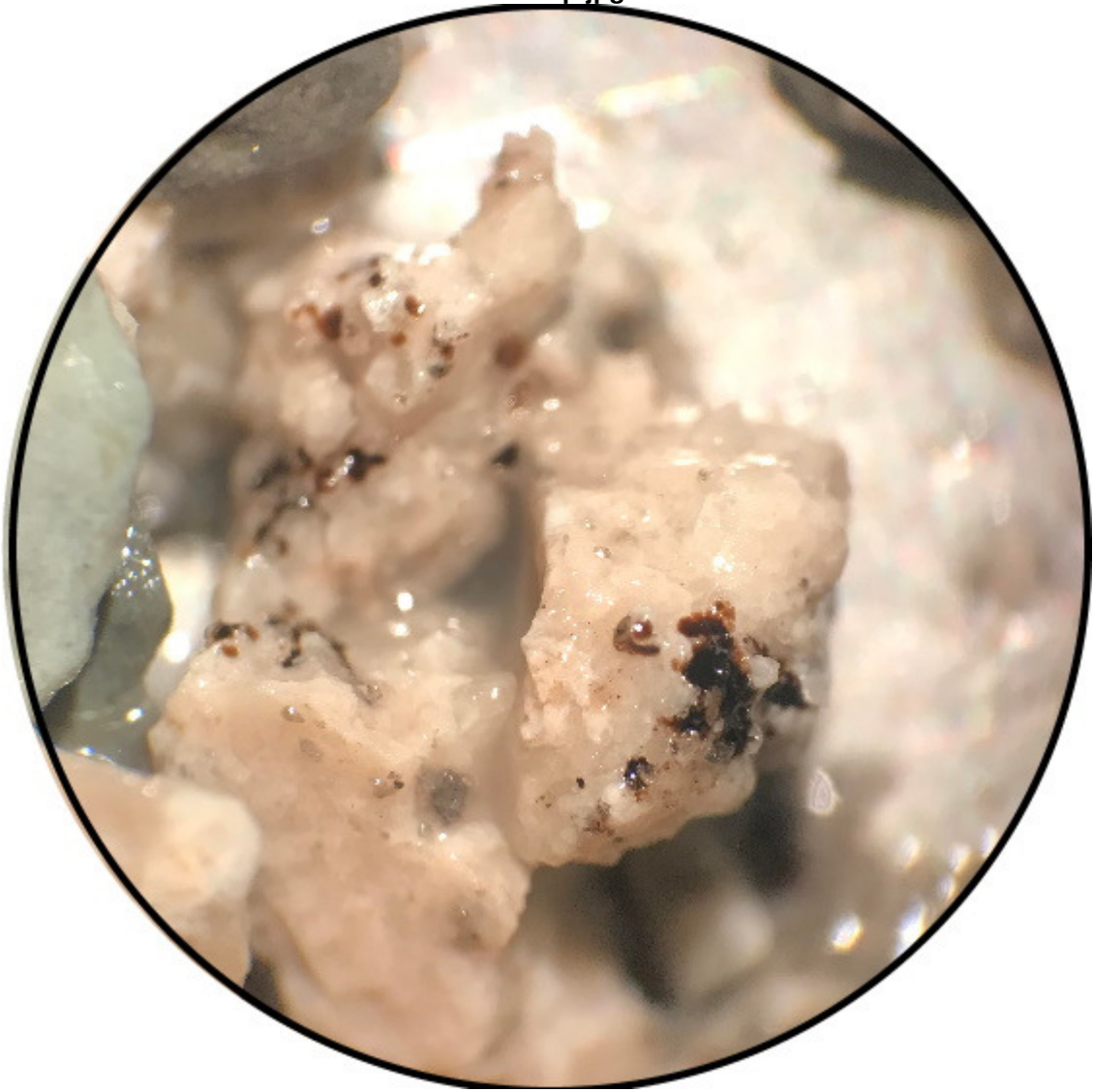
pawnee3.jpg

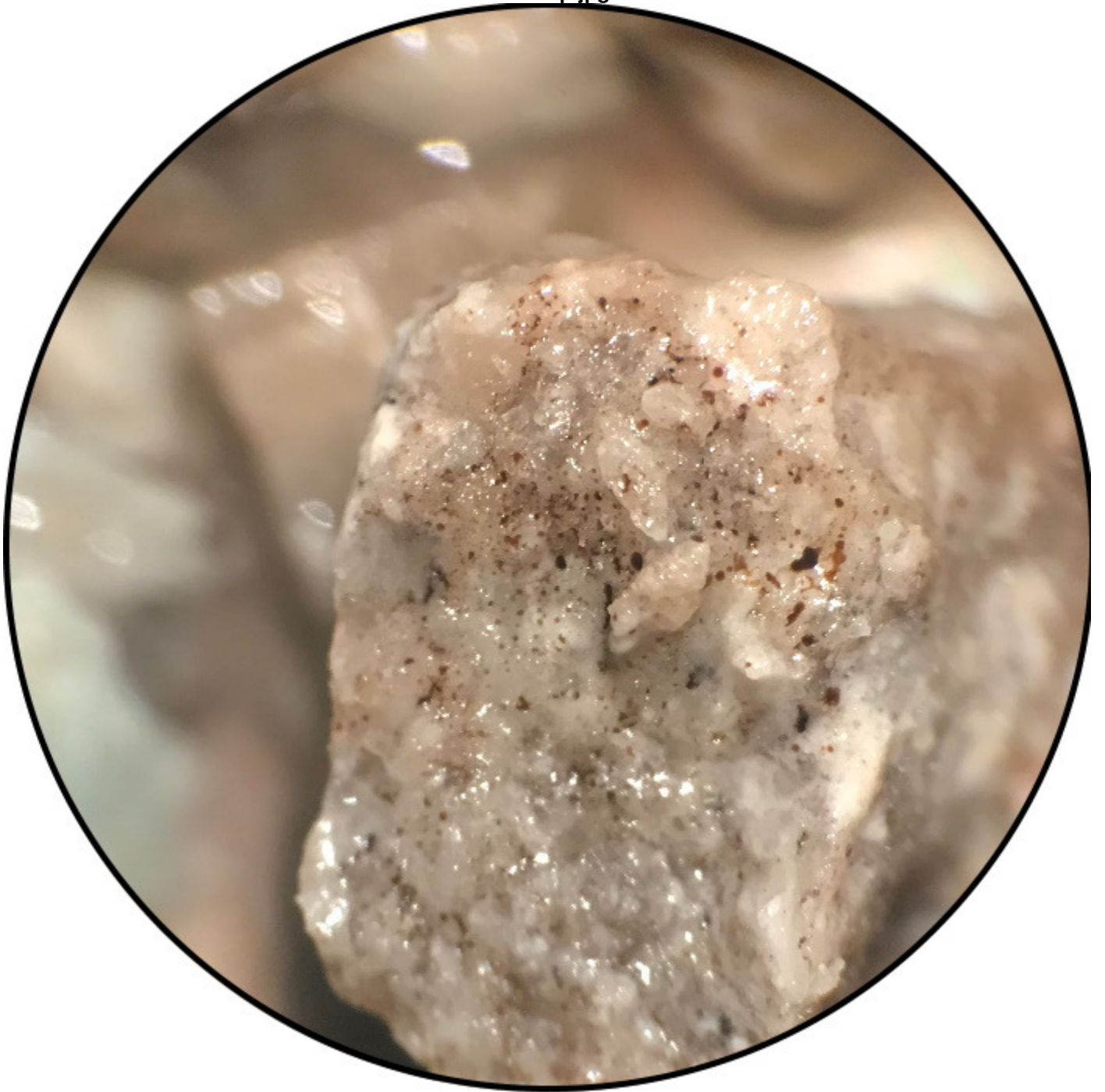


4580 cup.jpg

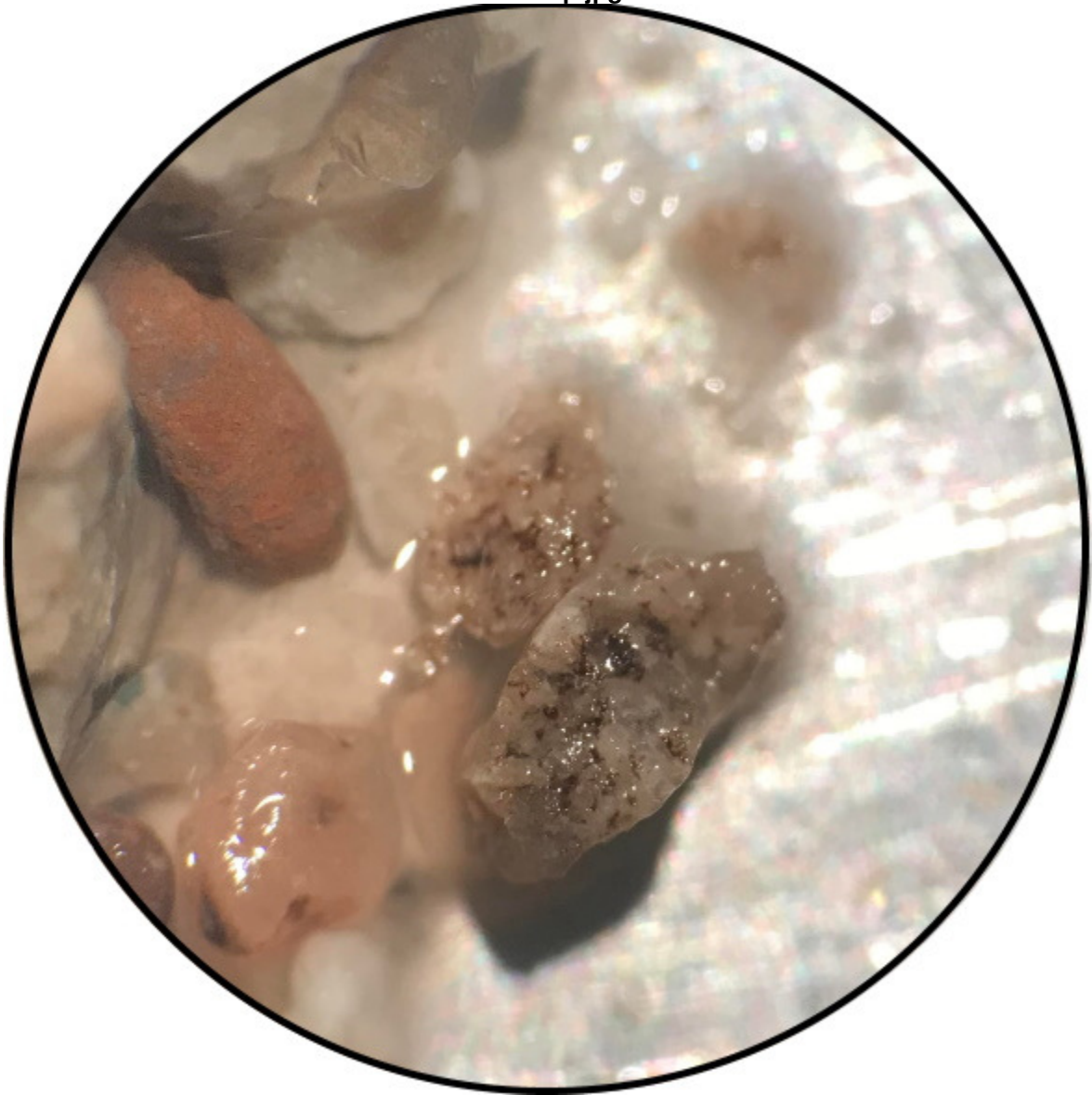


4600 cup.jpg





4630 cup.jpg



4640 cup.jpg



Miss Yellow Chert.JPG





## DRILL STEM TEST REPORT

Prepared For: **Meridan Energy Inc**

1475 Ward Dr  
Franktown CO 80116

ATTN: Weston LaFon

### **Simon Says Unit #1**

### **7-5s-33w Rawlins,KS**

Start Date: 2022.11.08 @ 20:20:45

End Date: 2022.11.09 @ 04:03:45

Job Ticket #: 69239                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.11.15 @ 15:24:20



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Meridan Energy Inc  
1475 Ward Dr  
Franktown CO 80116  
ATTN: Weston LaFon

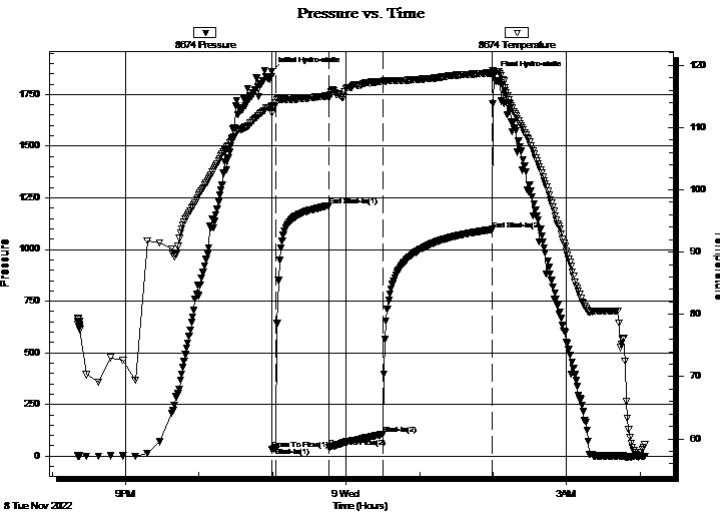
**7-5s-33w Rawlins,KS**  
**Simon Says Unit #1**  
Job Ticket: 69239 **DST#: 1**  
Test Start: 2022.11.08 @ 20:20:45

## GENERAL INFORMATION:

Formation: **Topeka**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 22:59:45  
Time Test Ended: 04:03:45  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brandon Turley  
Unit No: 79  
Interval: **3805.00 ft (KB) To 3899.00 ft (KB) (TVD)**  
Reference Elevations: 3176.00 ft (KB)  
Total Depth: 3899.00 ft (KB) (TVD) 3171.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

**Serial #: 8674 Outside**  
Press@RunDepth: 104.04 psig @ 3810.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2022.11.08 End Date: 2022.11.09 Last Calib.: 2022.11.09  
Start Time: 20:20:50 End Time: 04:03:44 Time On Btm: 2022.11.08 @ 22:59:15  
Time Off Btm: 2022.11.09 @ 02:00:45

TEST COMMENT: IF: 1/2" blow .  
IS: No return.  
FF: 1/4" blow built to 5 1/2"  
FS: No return. 2-45-45-90



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1860.84	113.43	Initial Hydro-static
1	33.44	112.39	Open To Flow (1)
4	40.31	114.01	Shut-In(1)
47	1212.15	115.10	End Shut-In(1)
47	43.77	114.84	Open To Flow (2)
91	104.04	117.44	Shut-In(2)
180	1096.80	118.79	End Shut-In(2)
182	1842.51	118.96	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
180.00	mud 100%m	0.90

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Meridan Energy Inc  
 1475 Ward Dr  
 Franktown CO 80116  
 ATTN: Weston LaFon

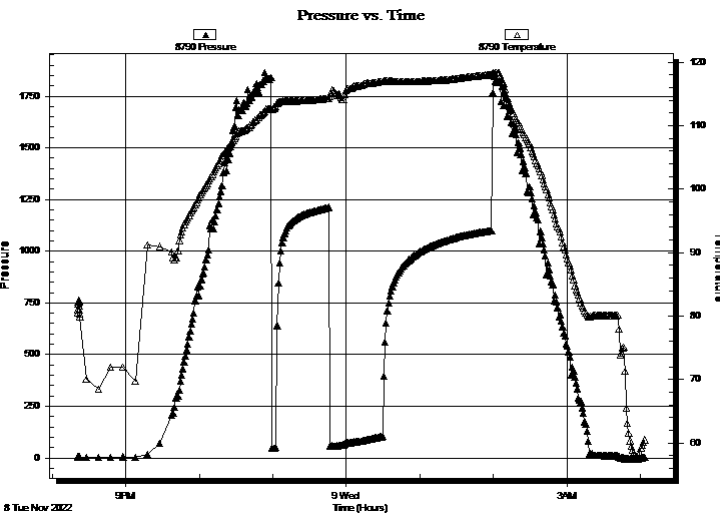
**7-5s-33w Rawlins,KS**  
**Simon Says Unit #1**  
 Job Ticket: 69239 **DST#: 1**  
 Test Start: 2022.11.08 @ 20:20:45

## GENERAL INFORMATION:

Formation: **Topeka**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 22:59:45 Tester: Brandon Turley  
 Time Test Ended: 04:03:45 Unit No: 79  
 Interval: **3805.00 ft (KB) To 3899.00 ft (KB) (TVD)** Reference Elevations: 3176.00 ft (KB)  
 Total Depth: 3899.00 ft (KB) (TVD) 3171.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

**Serial #: 8790 Inside**  
 Press@RunDepth: psig @ 3810.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.11.08 End Date: 2022.11.09 Last Calib.: 2022.11.09  
 Start Time: 20:20:42 End Time: 04:03:36 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF: 1/2" blow .  
 IS: No return.  
 FF: 1/4" blow built to 5 1/2"  
 FS: No return. 2-45-45-90



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
180.00	mud 100% m	0.90

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69239

**DST#: 1**

ATTN: Weston LaFon

Test Start: 2022.11.08 @ 20:20:45

## Tool Information

Drill Pipe:	Length: 3627.00 ft	Diameter: 3.80 inches	Volume: 50.88 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 51.76 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	3805.00 ft			Final	82000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	98.00 ft				
Tool Length:	123.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	3781.00	
Shut In Tool	5.00			3786.00	
Hydraulic tool	5.00			3791.00	
Jars	5.00			3796.00	
EM Tool	2.00			3798.00	
Safety Joint	2.00			3800.00	
Packer	5.00			3805.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			3809.00	
Stubb	1.00			3810.00	
Recorder	0.00	8790	Inside	3810.00	
Recorder	0.00	8674	Outside	3810.00	
Perforations	25.00			3835.00	
Change Over Sub	1.00			3836.00	
Drill Pipe	63.00			3899.00	
Change Over Sub	1.00			3900.00	
Bullnose	3.00			3903.00	98.00 Anchor Tool
<b>Total Tool Length:</b>	<b>123.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69239

**DST#: 1**

ATTN: Weston LaFon

Test Start: 2022.11.08 @ 20:20:45

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	mud 100%m	0.903

Total Length: 180.00 ft

Total Volume: 0.903 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

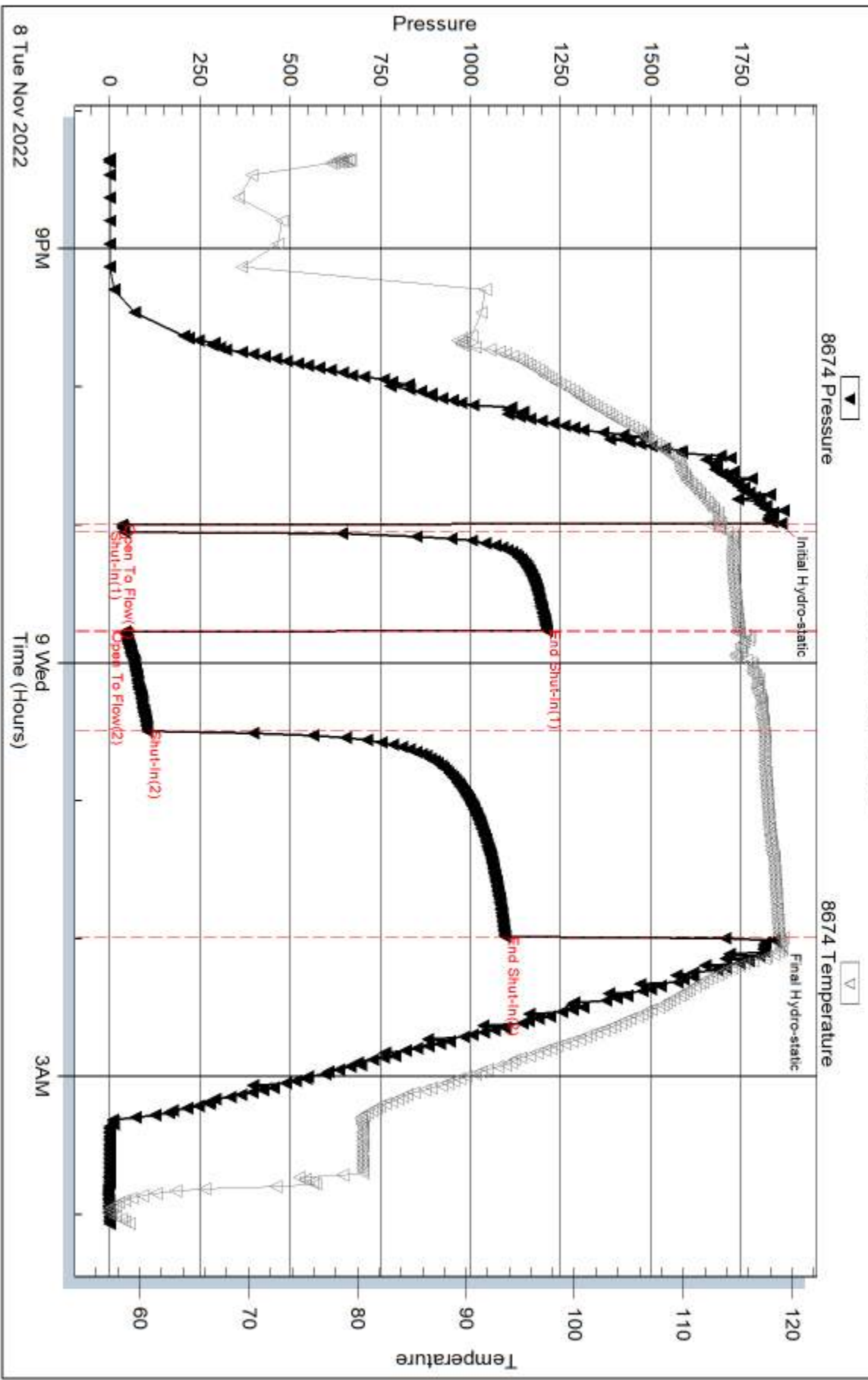
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



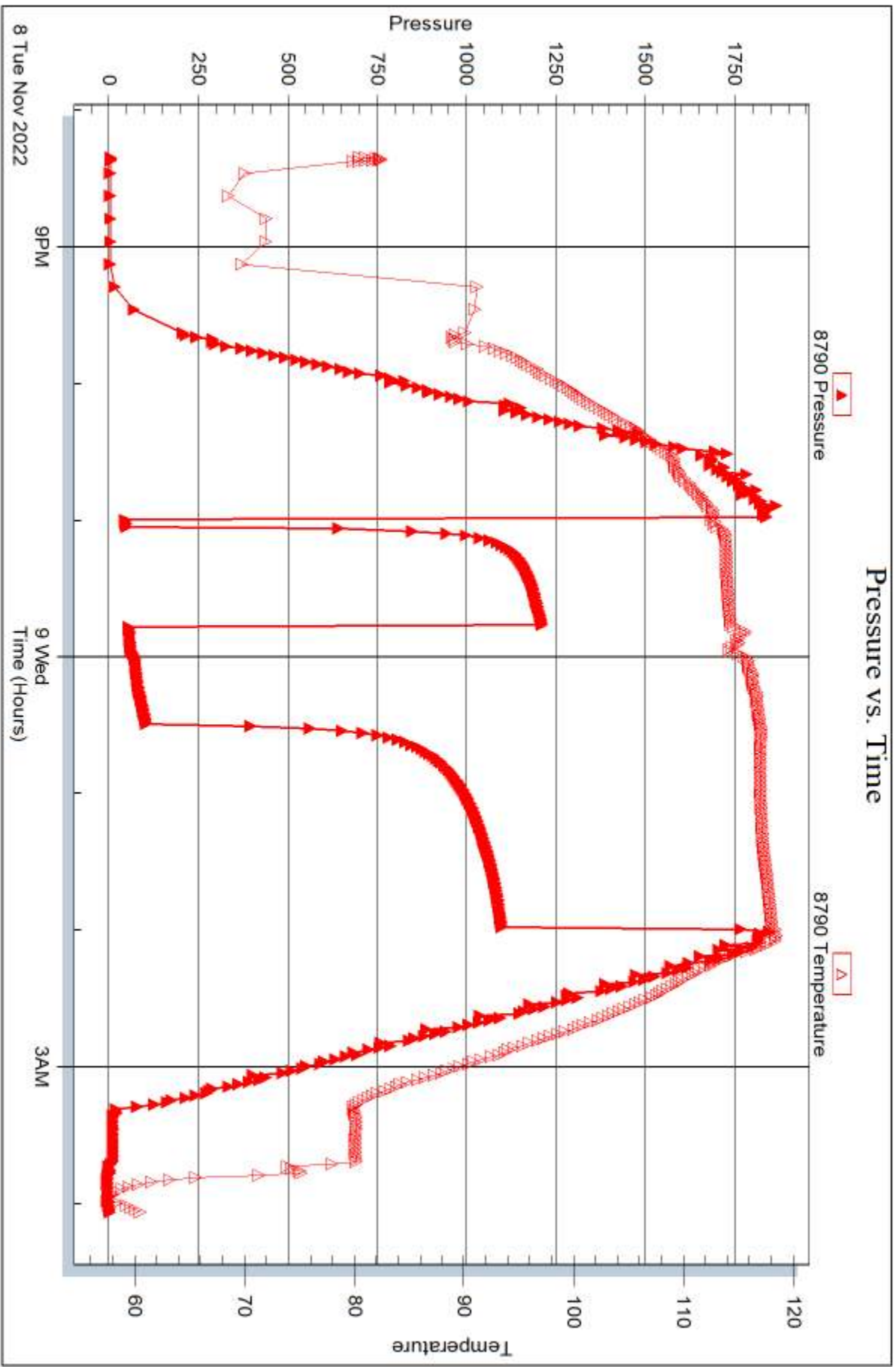
Serial #: 8790

Inside

Meridan Energy Inc

Simon Says Unit #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Meridan Energy Inc**

1475 Ward Dr  
Franktown CO 80116

ATTN: Weston LaFon

### **Simon Says Unit #1**

### **7-5s-33w Rawlins,KS**

Start Date: 2022.11.09 @ 17:51:06

End Date: 2022.11.10 @ 01:16:36

Job Ticket #: 69240                      DST #: 2

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

Printed: 2022.11.15 @ 15:23:52



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Meridan Energy Inc  
 1475 Ward Dr  
 Franktown CO 80116  
 ATTN: Weston LaFon

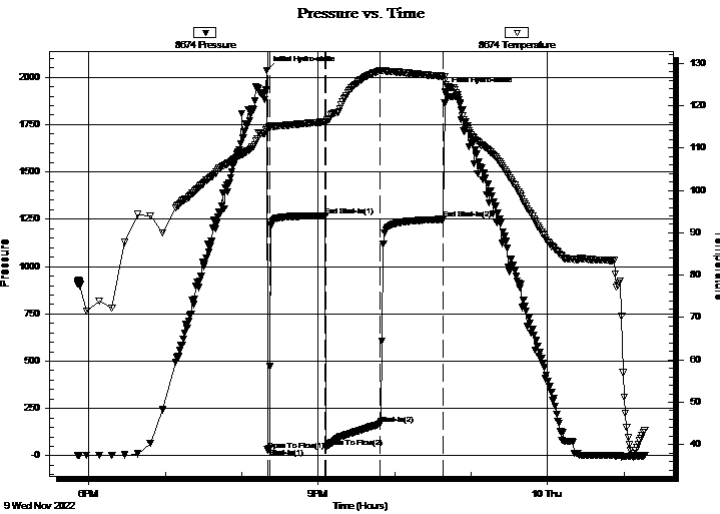
**7-5s-33w Rawlins,KS**  
**Simon Says Unit #1**  
 Job Ticket: 69240 **DST#: 2**  
 Test Start: 2022.11.09 @ 17:51:06

## GENERAL INFORMATION:

Formation: **Oread**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:20:06  
 Time Test Ended: 01:16:36  
 Interval: **4004.00 ft (KB) To 4035.00 ft (KB) (TVD)**  
 Total Depth: 4035.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 3176.00 ft (KB)  
 3171.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8674 Outside**  
 Press@RunDepth: 168.63 psig @ 4009.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.11.09 End Date: 2022.11.10 Last Calib.: 2022.11.10  
 Start Time: 17:51:11 End Time: 01:16:35 Time On Btm: 2022.11.09 @ 20:19:36  
 Time Off Btm: 2022.11.09 @ 22:39:36

**TEST COMMENT:** IF: 1/4" blow built to 2"  
 IS: No return.  
 FF: BOB in 16 mins. 24"  
 FS: Surface blow built to 2. 2-45-45-45



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2036.22	114.69	Initial Hydro-static
1	30.95	114.35	Open To Flow (1)
2	38.01	114.65	Shut-In(1)
46	1268.37	116.22	End Shut-In(1)
47	45.15	115.85	Open To Flow (2)
89	168.63	128.29	Shut-In(2)
139	1249.53	126.94	End Shut-In(2)
140	1923.74	125.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	mcw 90%w 10%m	0.59
60.00	ocmw 5%o 65%w 30%m	0.31
63.00	gocm 10%g 20%o 70%m	0.88
113.00	go 10%g 90%o	1.59

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69240

**DST#: 2**

ATTN: Weston LaFon

Test Start: 2022.11.09 @ 17:51:06

## Tool Information

Drill Pipe:	Length: 3820.00 ft	Diameter: 3.80 inches	Volume: 53.58 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 54.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4004.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00		Fluid	3980.00	
Shut In Tool	5.00			3985.00	
Hydraulic tool	5.00			3990.00	
Jars	5.00			3995.00	
EM Tool	2.00			3997.00	
Safety Joint	2.00			3999.00	
Packer	5.00			4004.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			4008.00	
Stubb	1.00			4009.00	
Recorder	0.00	8790	Inside	4009.00	
Recorder	0.00	8674	Outside	4009.00	
Perforations	27.00			4036.00	
Bullnose	3.00			4039.00	35.00 Anchor Tool

**Total Tool Length: 60.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69240

**DST#: 2**

ATTN: Weston LaFon

Test Start: 2022.11.09 @ 17:51:06

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

33000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	mcw 90%w 10%m	0.590
60.00	ocmw 5%o 65%w 30%m	0.313
63.00	gocm 10%g 20%o 70%m	0.884
113.00	go 10%g 90%o	1.585

Total Length: 356.00 ft

Total Volume: 3.372 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

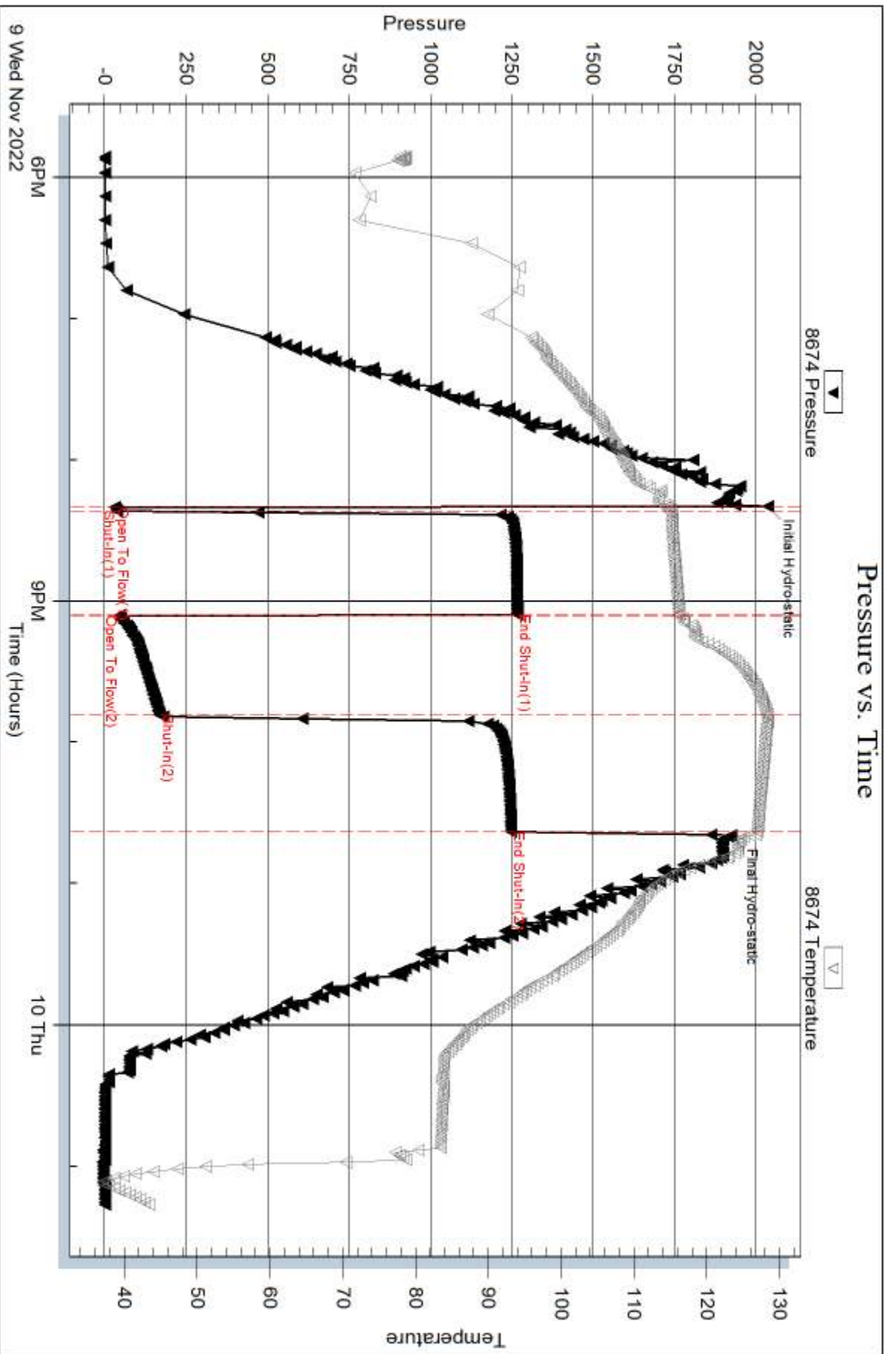
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 33@40=35

.44@34=33000



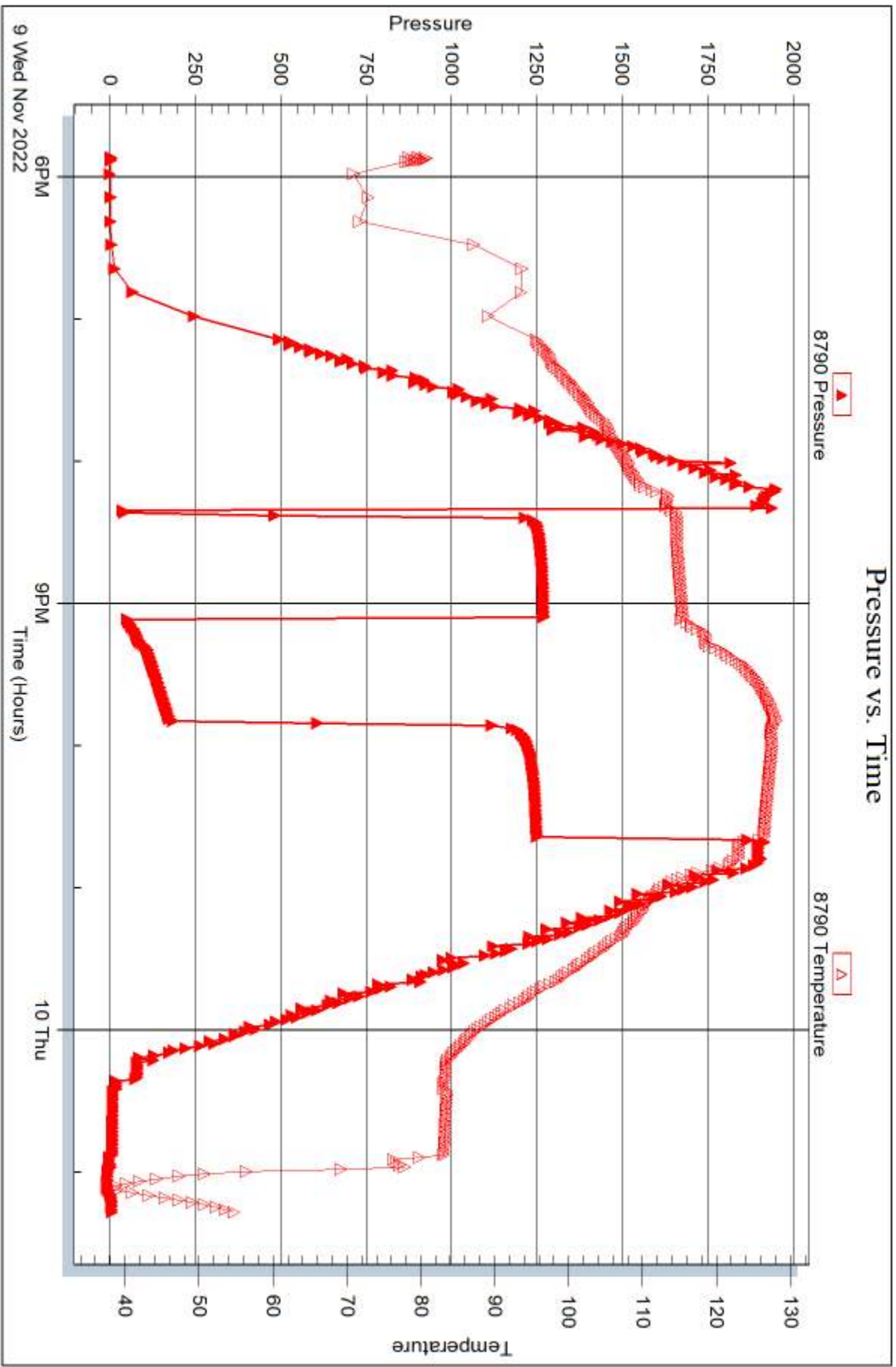
Serial #: 8790

Inside

Meridan Energy Inc

Simon Says Unit #1

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Meridan Energy Inc**

1475 Ward Dr  
Franktown CO 80116

ATTN: Weston LaFon

### **Simon Says Unit #1**

#### **7-5s-33w Rawlins,KS**

Start Date: 2022.11.10 @ 15:00:18

End Date: 2022.11.10 @ 22:55:48

Job Ticket #: 69241                      DST #: 3

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

Printed: 2022.11.15 @ 15:20:10



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Meridan Energy Inc  
 1475 Ward Dr  
 Franktown CO 80116  
 ATTN: Weston LaFon

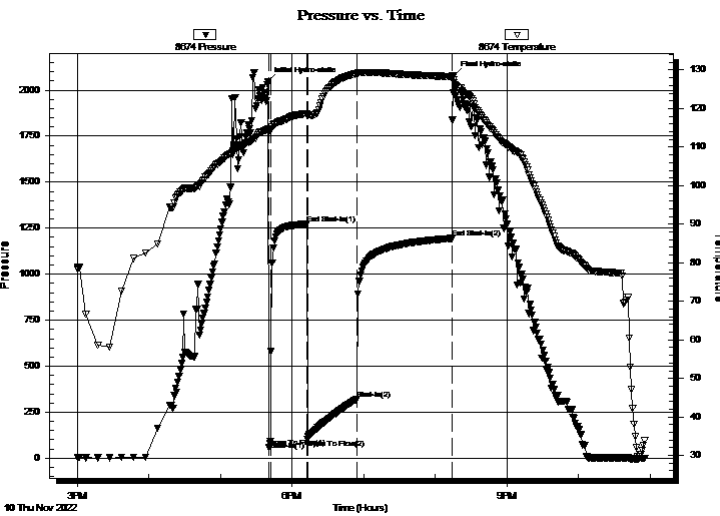
**7-5s-33w Rawlins,KS**  
**Simon Says Unit #1**  
 Job Ticket: 69241 **DST#: 3**  
 Test Start: 2022.11.10 @ 15:00:18

## GENERAL INFORMATION:

Formation: **Topeka Lansing A**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:40:18  
 Time Test Ended: 22:55:48  
 Interval: **4040.00 ft (KB) To 4112.00 ft (KB) (TVD)**  
 Total Depth: 4112.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 3176.00 ft (KB)  
 3171.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8674 Outside**  
 Press@RunDepth: 320.68 psig @ 4045.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.11.10 End Date: 2022.11.10 Last Calib.: 2022.11.10  
 Start Time: 15:00:23 End Time: 22:55:47 Time On Btm: 2022.11.10 @ 17:39:48  
 Time Off Btm: 2022.11.10 @ 20:15:48

TEST COMMENT: IF: 5" blow.  
 IS: No return.  
 FF: BOB in 16 mins. 50"  
 FS: No return. 2-30-45-80



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.61	114.68	Initial Hydro-static
1	57.36	113.88	Open To Flow (1)
2	91.96	114.41	Shut-In(1)
33	1271.95	118.67	End Shut-In(1)
33	101.81	118.31	Open To Flow (2)
75	320.68	129.11	Shut-In(2)
154	1194.42	128.27	End Shut-In(2)
156	2077.93	126.79	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
378.00	mcw 90%w 10%m	3.68
189.00	ocw m 10%o 20%w 70%m	2.65
92.00	ocm 10%o 90%m	1.29
2.00	free oil 100%o	0.03

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69241

**DST#: 3**

ATTN: Weston LaFon

Test Start: 2022.11.10 @ 15:00:18

## Tool Information

Drill Pipe:	Length: 3848.00 ft	Diameter: 3.80 inches	Volume: 53.98 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 54.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4040.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	4016.00	
Shut In Tool	5.00			4021.00	
Hydraulic tool	5.00			4026.00	
Jars	5.00			4031.00	
EM Tool	2.00			4033.00	
Safety Joint	2.00			4035.00	
Packer	5.00			4040.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			4044.00	
Stubb	1.00			4045.00	
Recorder	0.00	8790	Inside	4045.00	
Recorder	0.00	8674	Outside	4045.00	
Perforations	3.00			4048.00	
Change Over Sub	1.00			4049.00	
Drill Pipe	63.00			4112.00	
Change Over Sub	1.00			4113.00	
Bullnose	3.00			4116.00	76.00 Anchor Tool
<b>Total Tool Length:</b>	<b>101.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69241

**DST#: 3**

ATTN: Weston LaFon

Test Start: 2022.11.10 @ 15:00:18

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

53000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
378.00	mcw 90%w 10%m	3.681
189.00	ocw m 10%o 20%w 70%m	2.651
92.00	ocm 10%o 90%m	1.291
2.00	free oil 100%o	0.028

Total Length: 661.00 ft

Total Volume: 7.651 bbf

Num Fluid Samples: 0

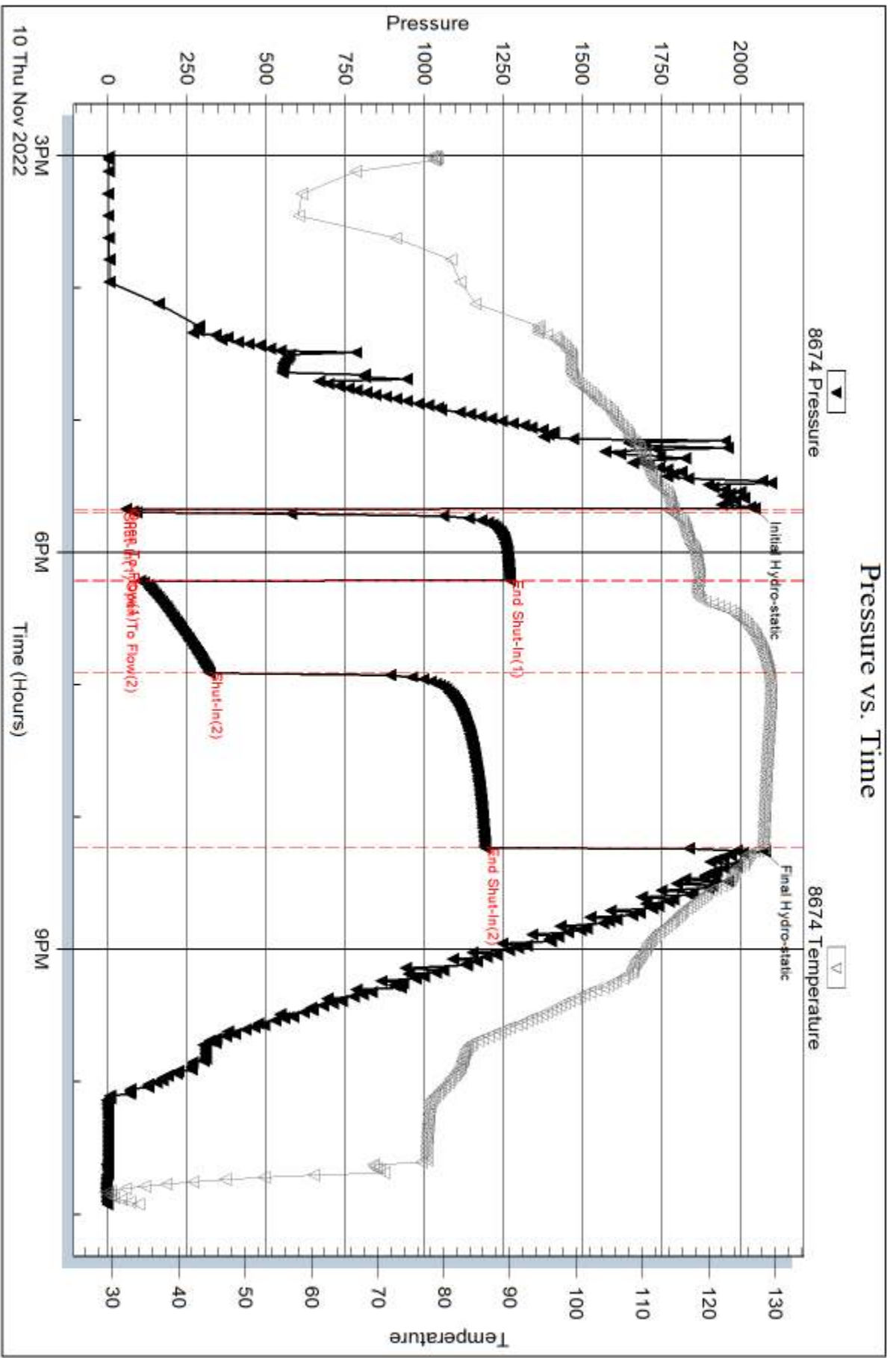
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: ,46@22=53000



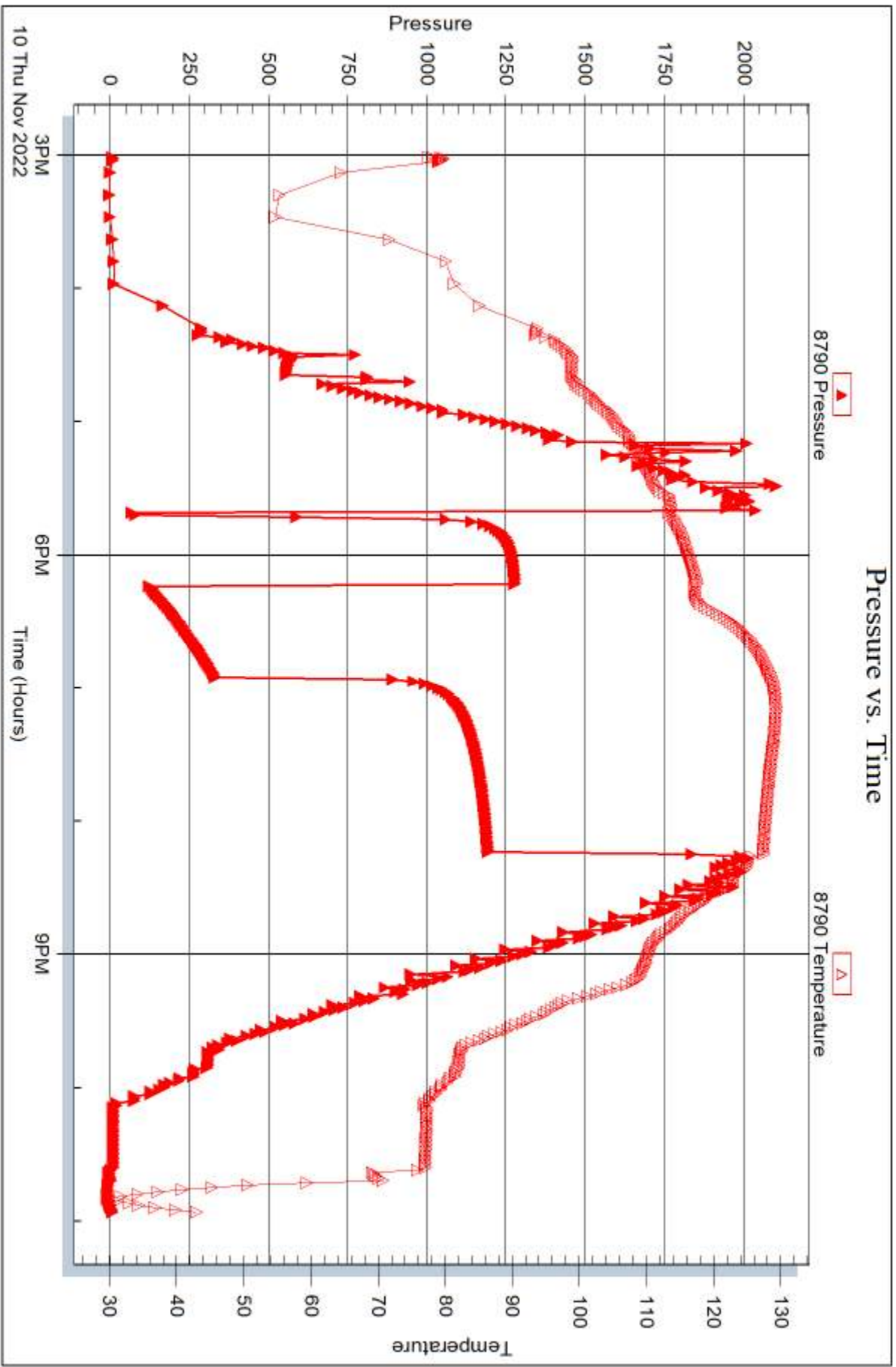
Serial #: 8790

Inside

Meridan Energy Inc

Simon Says Unit #1

DST Test Number: 3





## DRILL STEM TEST REPORT

Prepared For: **Meridan Energy Inc**

1475 Ward Dr  
Franktown CO 80116

ATTN: Weston LaFon

### **Simon Says Unit #1**

### **7-5s-33w Rawlins,KS**

Start Date: 2022.11.11 @ 09:30:57

End Date: 2022.11.11 @ 17:59:57

Job Ticket #: 69242                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.11.15 @ 15:19:41

Meridan Energy Inc  
7-5s-33w Rawlins,KS  
Simon Says Unit #1  
DST # 4  
Lansing B&C  
2022.11.11



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Meridan Energy Inc  
1475 Ward Dr  
Franktown CO 80116  
ATTN: Weston LaFon

**7-5s-33w Rawlins,KS**

**Simon Says Unit #1**

Job Ticket: 69242      **DST#: 4**  
Test Start: 2022.11.11 @ 09:30:57

## GENERAL INFORMATION:

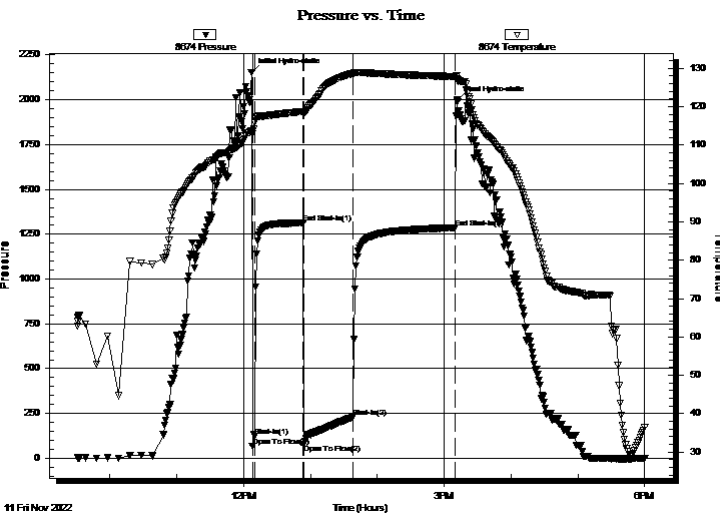
Formation: **Lansing B&C**  
Deviated: No Whipstock:                      ft (KB)      Test Type: Conventional Bottom Hole (Reset)  
Time Tool Opened: 12:07:57      Tester: Brandon Turley  
Time Test Ended: 17:59:57      Unit No: 79  
**Interval: 4120.00 ft (KB) To 4180.00 ft (KB) (TVD)**      Reference Elevations: 3176.00 ft (KB)  
Total Depth: 4180.00 ft (KB) (TVD)      3171.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good      KB to GR/CF: 5.00 ft

## Serial #: 8674

**Outside**

Press@RunDepth: 230.76 psig @ 4125.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2022.11.11      End Date: 2022.11.11      Last Calib.: 2022.11.11  
Start Time: 09:31:02      End Time: 17:59:56      Time On Btm: 2022.11.11 @ 12:06:57  
Time Off Btm: 2022.11.11 @ 15:11:27

**TEST COMMENT:** IF: 3 blow .  
IS: Surface blow built to 1/4.  
FF: BOB in 9 mins. 39"  
FS: Surface blow . 2-45-45-90



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.99	113.57	Initial Hydro-static
1	65.41	113.01	Open To Flow (1)
3	121.07	115.90	Shut-In(1)
47	1313.62	118.76	End Shut-In(1)
47	78.82	118.36	Open To Flow (2)
91	230.76	128.59	Shut-In(2)
183	1286.46	127.88	End Shut-In(2)
185	1997.80	127.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
63.00	gocmw 10%g 10%o 60%w 20%m	0.31
220.00	gocw m 10%g 10%o 20%w 60%m	2.04
94.00	ocw m 20%o 10%w 70%m	1.32
126.00	ocm 30%o 70%m	1.77

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69242

**DST#: 4**

ATTN: Weston LaFon

Test Start: 2022.11.11 @ 09:30:57

## Tool Information

Drill Pipe:	Length: 3943.00 ft	Diameter: 3.80 inches	Volume: 55.31 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 56.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4120.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	89.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	4096.00	
Shut In Tool	5.00			4101.00	
Hydraulic tool	5.00			4106.00	
Jars	5.00			4111.00	
EM Tool	2.00			4113.00	
Safety Joint	2.00			4115.00	
Packer	5.00			4120.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			4124.00	
Stubb	1.00			4125.00	
Recorder	0.00	8790	Inside	4125.00	
Recorder	0.00	8674	Outside	4125.00	
Perforations	23.00			4148.00	
Change Over Sub	1.00			4149.00	
Drill Pipe	31.00			4180.00	
Change Over Sub	1.00			4181.00	
Bullnose	3.00			4184.00	64.00 Anchor Tool
<b>Total Tool Length:</b>	<b>89.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69242

**DST#: 4**

ATTN: Weston LaFon

Test Start: 2022.11.11 @ 09:30:57

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

37000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
63.00	gocmw 10%g 10%o 60%w 20%m	0.310
220.00	gocw m 10%g 10%o 20%w 60%m	2.038
94.00	ocw m 20%o 10%w 70%m	1.319
126.00	ocm 30%o 70%m	1.767

Total Length: 503.00 ft

Total Volume: 5.434 bbl

Num Fluid Samples: 0

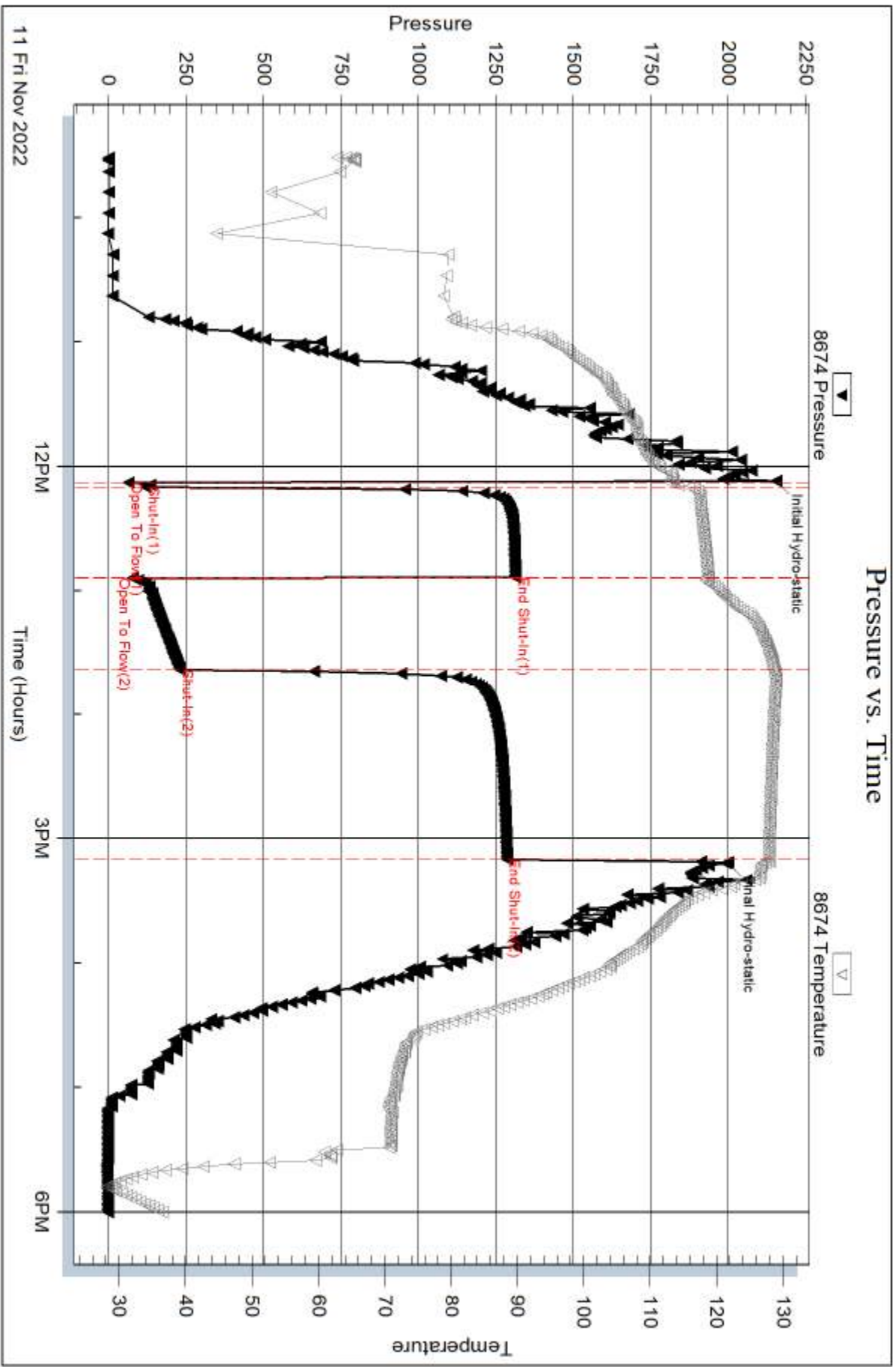
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .48@28=37000



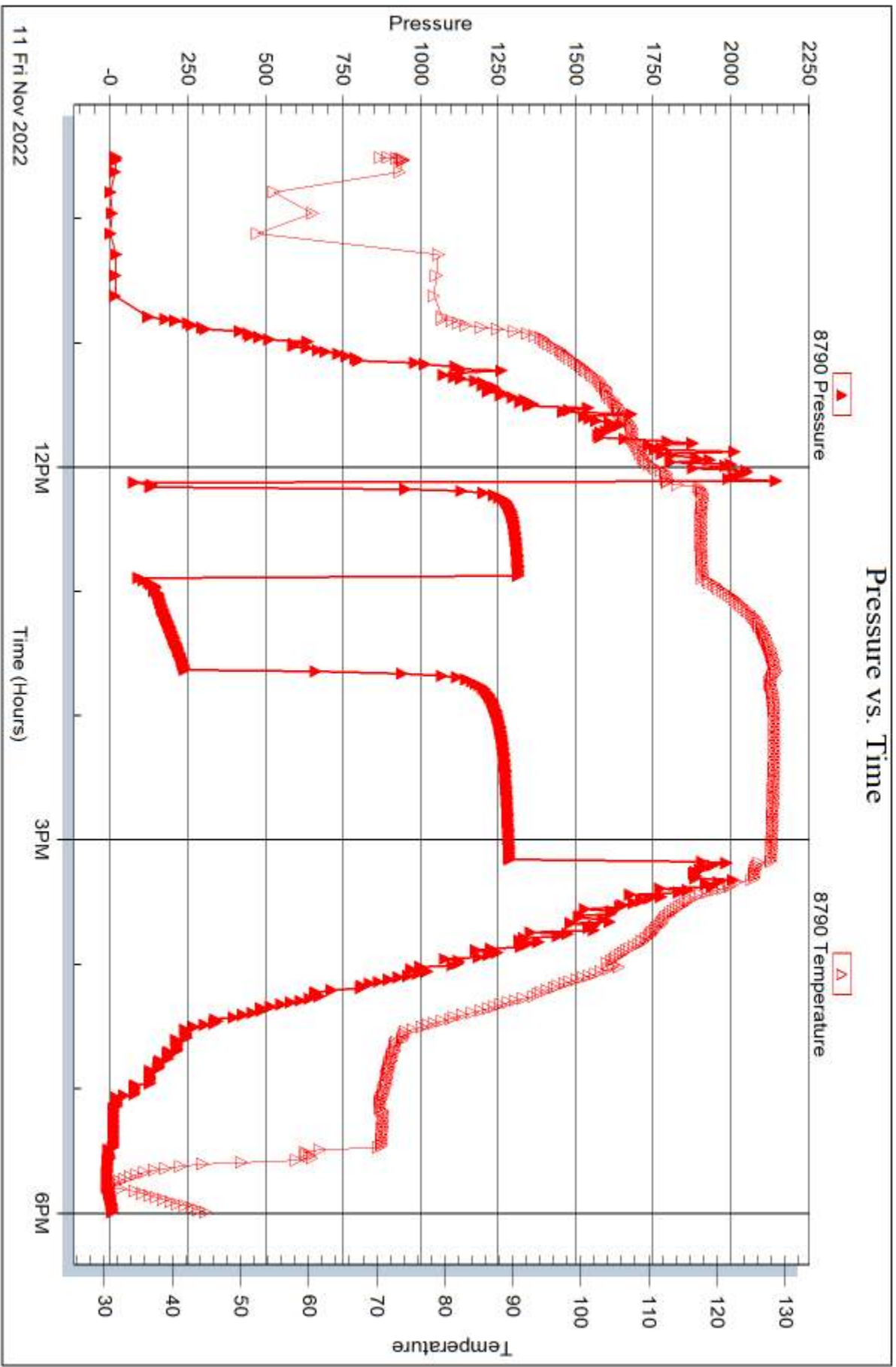
Serial #: 8790

Inside

Meridan Energy Inc

Simon Says Unit #1

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 69242

Printed: 2022.11.15 @ 15:19:42



## DRILL STEM TEST REPORT

Prepared For: **Meridan Energy Inc**

1475 Ward Dr  
Franktown CO 80116

ATTN: Weston LaFon

### **Simon Says Unit #1**

### **7-5s-33w Rawlins,KS**

Start Date: 2022.11.12 @ 10:54:20

End Date: 2022.11.12 @ 18:50:50

Job Ticket #: 69243                      DST #: 5

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

Printed: 2022.11.15 @ 15:19:15

Meridan Energy Inc  
7-5s-33w Rawlins,KS  
Simon Says Unit #1  
DST # 5  
LKC E  
2022.11.12



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Meridan Energy Inc  
 1475 Ward Dr  
 Franktown CO 80116  
 ATTN: Weston LaFon

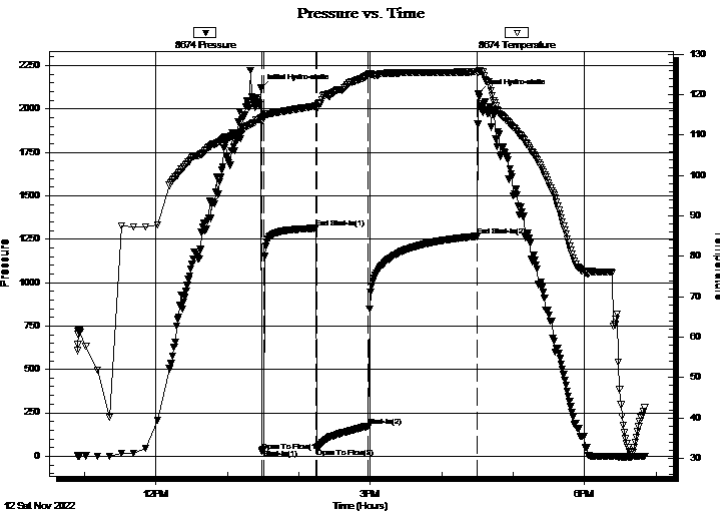
**7-5s-33w Rawlins,KS**  
**Simon Says Unit #1**  
 Job Ticket: 69243 **DST#: 5**  
 Test Start: 2022.11.12 @ 10:54:20

## GENERAL INFORMATION:

Formation: **LKC E**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 13:28:50  
 Tester: Brandon Turley  
 Time Test Ended: 18:50:50  
 Unit No: 79  
 Interval: **4222.00 ft (KB) To 4280.00 ft (KB) (TVD)**  
 Reference Elevations: 3176.00 ft (KB)  
 Total Depth: 4280.00 ft (KB) (TVD)  
 3171.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Good  
 KB to GR/CF: 5.00 ft

**Serial #: 8674 Outside**  
 Press@RunDepth: 173.23 psig @ 4227.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.11.12 End Date: 2022.11.12 Last Calib.: 2022.11.12  
 Start Time: 10:54:25 End Time: 18:50:49 Time On Btm: 2022.11.12 @ 13:28:20  
 Time Off Btm: 2022.11.12 @ 16:30:50

**TEST COMMENT:** IF: 2" blow.  
 IS: No return.  
 FF: BOB in 21 mins. 19"  
 FS: No return. 2-45-45-90



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2119.92	114.39	Initial Hydro-static
1	26.85	113.76	Open To Flow (1)
2	40.48	114.44	Shut-In(1)
46	1313.37	117.19	End Shut-In(1)
47	44.31	116.46	Open To Flow (2)
90	173.23	124.94	Shut-In(2)
182	1266.80	125.70	End Shut-In(2)
183	2089.37	125.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	w cm oil spots 30%w 70%m	0.62
126.00	ocw m 5%o 10%w 85%m	1.29
83.00	ocm 10%o 90%m	1.16

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69243

**DST#: 5**

ATTN: Weston LaFon

Test Start: 2022.11.12 @ 10:54:20

## Tool Information

Drill Pipe:	Length: 4038.00 ft	Diameter: 3.80 inches	Volume: 56.64 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 57.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4222.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	87.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	4198.00	
Shut In Tool	5.00			4203.00	
Hydraulic tool	5.00			4208.00	
Jars	5.00			4213.00	
EM Tool	2.00			4215.00	
Safety Joint	2.00			4217.00	
Packer	5.00			4222.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			4226.00	
Stubb	1.00			4227.00	
Recorder	0.00	8790	Inside	4227.00	
Recorder	0.00	8674	Outside	4227.00	
Perforations	20.00			4247.00	
Change Over Sub	1.00			4248.00	
Drill Pipe	32.00			4280.00	
Change Over Sub	1.00			4281.00	
Bullnose	3.00			4284.00	62.00 Anchor Tool
<b>Total Tool Length:</b>	<b>87.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69243

**DST#: 5**

ATTN: Weston LaFon

Test Start: 2022.11.12 @ 10:54:20

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

36000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
126.00	w cm oil spots 30%w 70%m	0.620
126.00	ocw m 5%o 10%w 85%m	1.294
83.00	ocm 10%o 90%m	1.164

Total Length: 335.00 ft      Total Volume: 3.078 bbl

Num Fluid Samples: 0

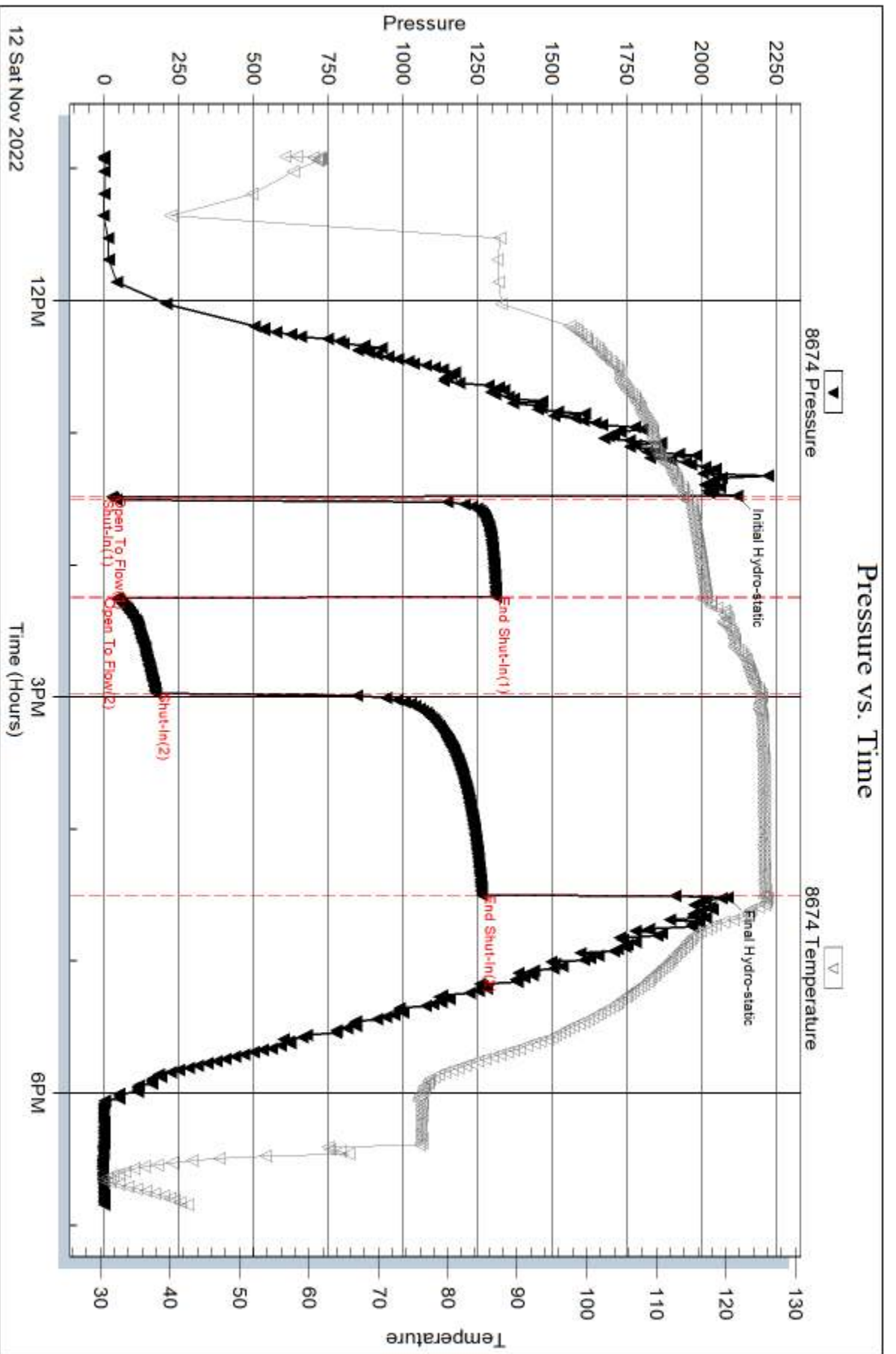
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .47@31=36000



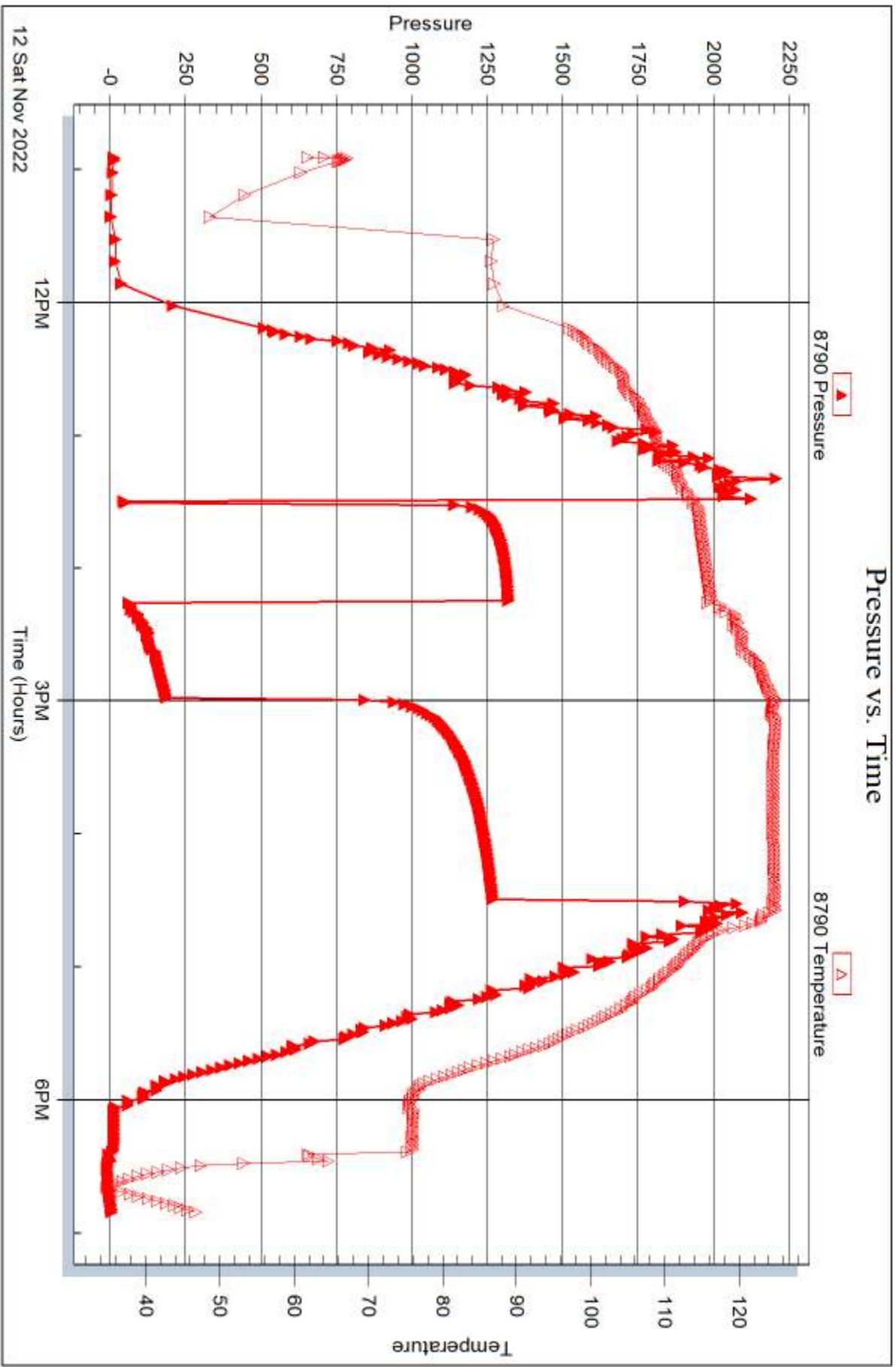
Serial #: 8790

Inside

Meridan Energy Inc

Simon Says Unit #1

DST Test Number: 5





## DRILL STEM TEST REPORT

Prepared For: **Meridan Energy Inc**

1475 Ward Dr  
Franktown CO 80116

ATTN: Weston LaFon

### **Simon Says Unit #1**

### **7-5s-33w Rawlins,KS**

Start Date: 2022.11.13 @ 18:40:34

End Date: 2022.11.14 @ 03:51:04

Job Ticket #: 69244                      DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.11.15 @ 15:18:13



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Meridan Energy Inc  
 1475 Ward Dr  
 Franktown CO 80116  
 ATTN: Weston LaFon

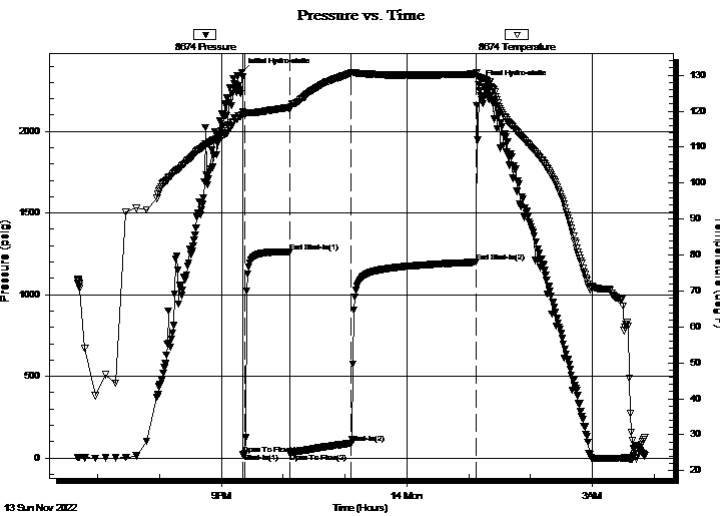
**7-5s-33w Rawlins,KS**  
**Simon Says Unit #1**  
 Job Ticket: 69244 **DST#: 6**  
 Test Start: 2022.11.13 @ 18:40:34

## GENERAL INFORMATION:

Formation: **Pawnee**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 21:21:04 Tester: Brandon Turley  
 Time Test Ended: 03:51:04 Unit No: 79  
 Interval: **4483.00 ft (KB) To 4510.00 ft (KB) (TVD)** Reference Elevations: 3176.00 ft (KB)  
 Total Depth: 4510.00 ft (KB) (TVD) 3171.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

**Serial #: 8674 Outside**  
 Press@RunDepth: 90.18 psig @ 4488.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.11.13 End Date: 2022.11.14 Last Calib.: 2022.11.14  
 Start Time: 18:40:39 End Time: 03:51:04 Time On Btm: 2022.11.13 @ 21:19:34  
 Time Off Btm: 2022.11.14 @ 01:09:34

TEST COMMENT: IF: 1 1/4 blow .  
 IS: No return.  
 FF: Surface blow built to 5 1/2.  
 FS: No return. 2-45-60-120



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2361.18	119.02	Initial Hydro-static
2	22.95	118.96	Open To Flow (1)
4	25.77	119.41	Shut-In(1)
47	1262.80	121.06	End Shut-In(1)
47	28.66	120.46	Open To Flow (2)
107	90.18	130.64	Shut-In(2)
227	1198.42	130.30	End Shut-In(2)
230	2287.60	129.34	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	mcw 60%w 40%m	0.59
60.00	mud oil spots 100%m	0.31

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69244

**DST#: 6**

ATTN: Weston LaFon

Test Start: 2022.11.13 @ 18:40:34

## Tool Information

Drill Pipe:	Length: 4291.00 ft	Diameter: 3.80 inches	Volume: 60.19 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 61.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4483.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	4459.00	
Shut In Tool	5.00			4464.00	
Hydraulic tool	5.00			4469.00	
Jars	5.00			4474.00	
EM Tool	2.00			4476.00	
Safety Joint	2.00			4478.00	
Packer	5.00			4483.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			4487.00	
Stubb	1.00			4488.00	
Recorder	0.00	8790	Inside	4488.00	
Recorder	0.00	8674	Outside	4488.00	
Perforations	23.00			4511.00	
Bullnose	3.00			4514.00	31.00 Anchor Tool

**Total Tool Length: 56.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Meridan Energy Inc

**7-5s-33w Rawlins,KS**

1475 Ward Dr  
Franktown CO 80116

**Simon Says Unit #1**

Job Ticket: 69244

**DST#: 6**

ATTN: Weston LaFon

Test Start: 2022.11.13 @ 18:40:34

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

36000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	mcw 60%w 40%m	0.590
60.00	mud oil spots 100%m	0.313

Total Length: 180.00 ft      Total Volume: 0.903 bbl

Num Fluid Samples: 0

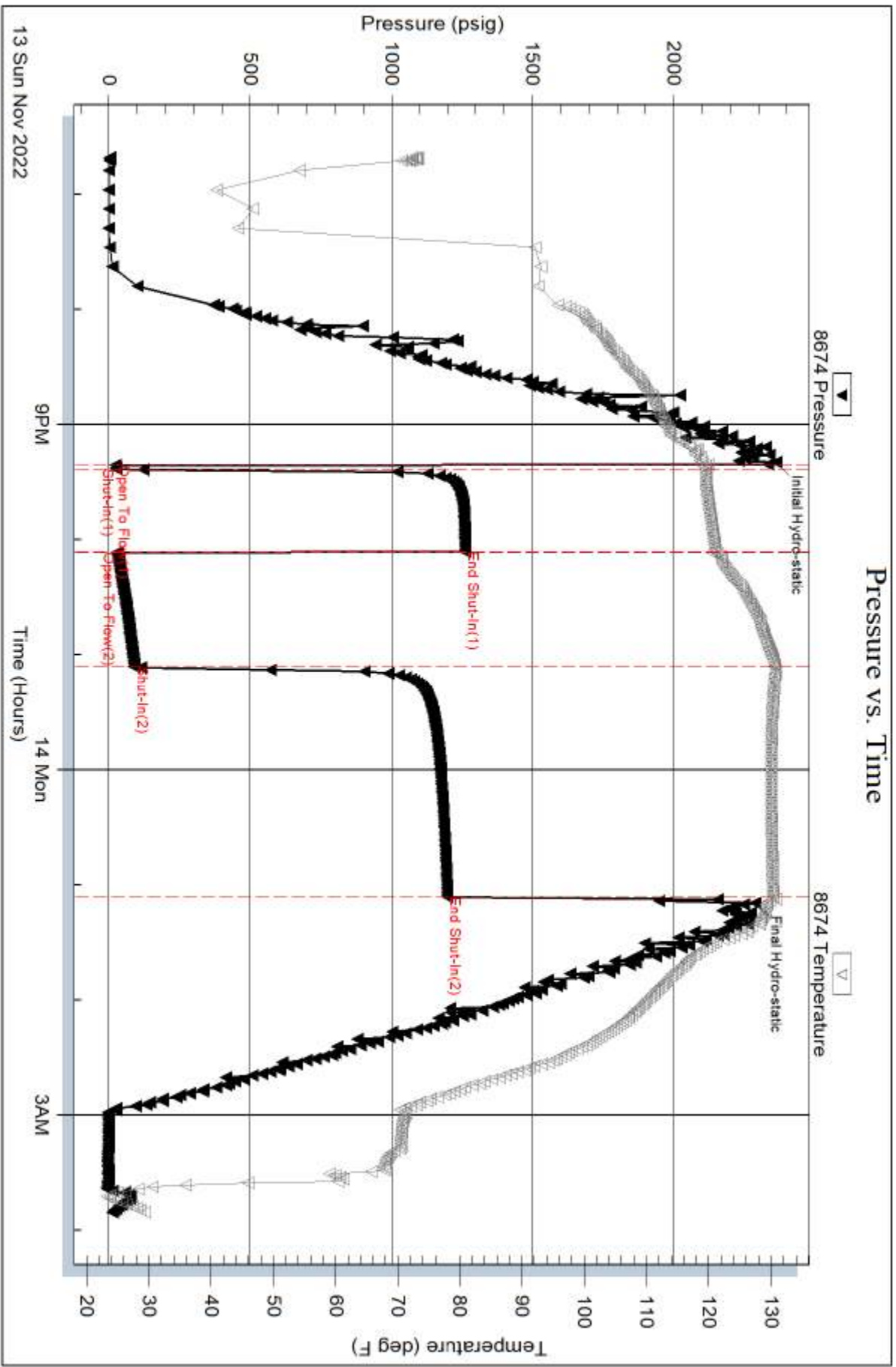
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .68@20=36000



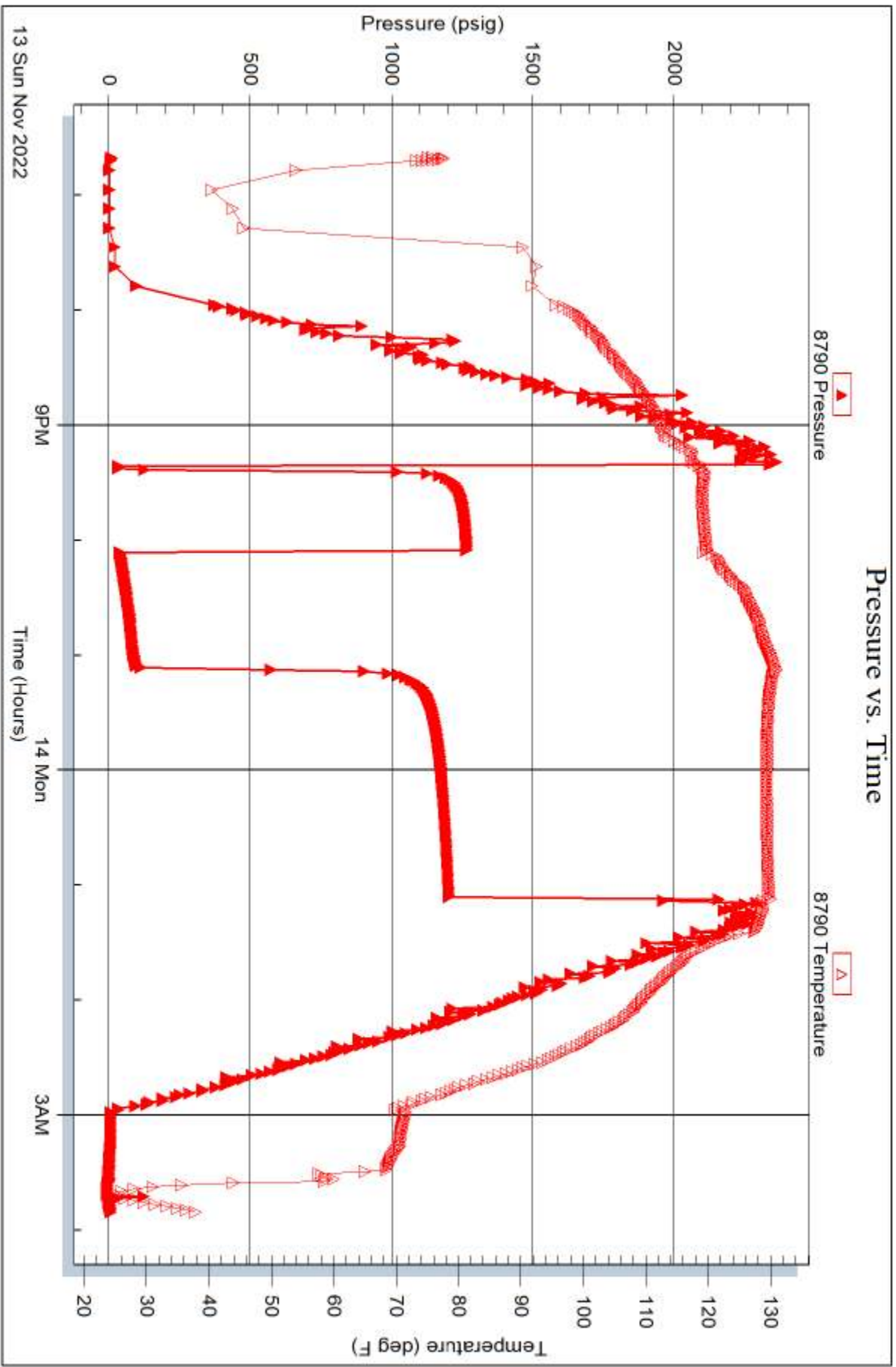
Serial #: 8790

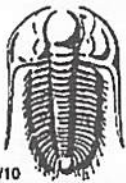
Inside

Meridan Energy Inc

Simon Says Unit #1

DST Test Number: 6





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 69239

Well Name & No. Simon says unit #1 Test No. 1 Date 11-8-22  
 Company Meridian Energy Inc Elevation 3176 KB 3171 GL  
 Address Franktown CO  
 Co. Rep / Geo. Weston LeFon Rig Murfin 8  
 Location: Sec. 7 Twp 55 Rge. 33W Co. Rawlins State KS

Interval Tested 3805 3899 Zone Tested Topeka  
 Anchor Length 94 Drill Pipe Run 3627 Mud Wt. 8.9  
 Top Packer Depth 3800 Drill Collars Run 178 Vis 50  
 Bottom Packer Depth 3805 Wt. Pipe Run          WL 6.4  
 Total Depth 3899 Chlorides 2000 ppm System LCM 5

Blow Description IF! 1/2 blow.  
FS: No return.  
EF: 1/4 blow built to 5 1/2.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 180 BHT 118 Gravity          API RW          @          ° F Chlorides          ppm

(A) Initial Hydrostatic <u>1860</u>	<input checked="" type="checkbox"/> Test 1800	T-On Location <u>19:00</u>
(B) First Initial Flow <u>33</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>20:20</u>
(C) First Final Flow <u>40</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>23:00</u>
(D) Initial Shut-In <u>1212</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>2:02</u>
(E) Second Initial Flow <u>43</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>4:04</u>
(F) Second Final Flow <u>104</u>	<input checked="" type="checkbox"/> Mileage <u>172</u> - 81rt 141.75	Comments <u>out of town</u>
(G) Final Shut-In <u>1096</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1842</u>	<input type="checkbox"/> Straddle	
Initial Open <u>2</u>	<input checked="" type="checkbox"/> Shale Packer 250	<input checked="" type="checkbox"/> EM Tool
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Ruined Packer
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Accessibility	Sub Total <u>0</u>
	Sub Total <u>2491.75</u>	Total <u>2491.75</u>
		MP/DST Disc't <u>        </u>

Approved By \_\_\_\_\_ Our Representative [Signature]  
 Trilobite 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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 69240

Well Name & No. Simon 5945 unit #1 Test No. 2 Date 11-9-22  
 Company Meridian Energy Inc Elevation 3176 KB 3171 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Weston LeFon Rig Murkin 8  
 Location: Sec. 7 Twp 55 Rge. 33W Co. Rawlins State KS

Interval Tested 4004 4035 Zone Tested Oreod  
 Anchor Length \_\_\_\_\_ Drill Pipe Run 3820 Mud Wt. 9.0  
 Top Packer Depth \_\_\_\_\_ Drill Collars Run 178 Vis 56  
 Bottom Packer Depth 4004 Wt. Pipe Run \_\_\_\_\_ WL 7.2  
 Total Depth 4035 Chlorides 2000 ppm System LCM 1

Blow Description IF! 1/4 blow built to 2.  
IS! No return.  
FK! BoB in 16 min. 24"  
FS! Surface blow built to 2,

Rec	Feet of	%gas	%oil	%water	%mud
<u>113</u>	<u>90</u>	<u>10</u>	<u>90</u>		
<u>63</u>	<u>90cm</u>	<u>10</u>	<u>20</u>	<u>70</u>	
<u>60</u>	<u>0cm MW</u>		<u>5</u>	<u>65</u>	<u>30</u>
<u>126</u>	<u>MW</u>			<u>90</u>	<u>10</u>

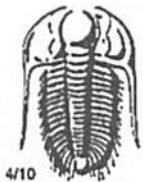
Rec Total 356 BHT 126 Gravity 35 API RW 144 @ 34 °F Chlorides 33,000 ppm

(A) Initial Hydrostatic 2036  Test 1950 T-On Location 18:00  
 (B) First Initial Flow 30  Jars 300 T-Started 17:51  
 (C) First Final Flow 38  Safety Joint T-Open 20:21  
 (D) Initial Shut-In 1268  Circ Sub NIL T-Pulled 22:38  
 (E) Second Initial Flow 45  Hourly Standby T-Out 1:19  
 (F) Second Final Flow 168  Mileage 172 - 20rt 35 Comments out of town  
 (G) Final Shut-In 1249  Sampler  
 (H) Final Hydrostatic 1923  Straddle

Initial Open 2  EM Tool  
 Initial Shut-In 45  Ruined Shale Packer  
 Final Flow 45  Ruined Packer  
 Final Shut-In 4590  Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total 2535 Sub Total 0  
 Total 2535 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_

Trilobite 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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 69241

Well Name & No. Simon says unit #1 Test No. 3 Date 11-10-22  
 Company Meridian Energy Inc Elevation 3176 KB 3171 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Weston LeFon Rig Murfin 8  
 Location: Sec. 7 Twp 53 Rge. 33W Co. Rawlins State KS

Interval Tested 4040 4112 Zone Tested Topeka - Lansing A  
 Anchor Length \_\_\_\_\_ 72 Drill Pipe Run 3848 Mud Wt. 9.1  
 Top Packer Depth \_\_\_\_\_ 4035 Drill Collars Run 178 Vis 56  
 Bottom Packer Depth \_\_\_\_\_ 4040 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth \_\_\_\_\_ 4112 Chlorides 2800 ppm System LCM 1

Blow Description IF: 5" blow.  
IS: No return.  
FF: BoB in 16 mins. 50"  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Free oil</u>	<u>100</u>			
<u>92</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
<u>189</u>	<u>OCWM</u>	<u>10</u>	<u>20</u>	<u>70</u>	
<u>378</u>	<u>ACW</u>		<u>90</u>	<u>10</u>	

Rec Total 661 BHT 128 Gravity \_\_\_\_\_ API RW .46 @ 22° F Chlorides 53,000 ppm

(A) Initial Hydrostatic 2045  Test 1950 T-On Location 13:40  
 (B) First Initial Flow 57  Jars 300 T-Started 15:00  
 (C) First Final Flow 91  Safety Joint T-Open 17:40  
 (D) Initial Shut-In 1271  Circ Sub W/C T-Pulled 20:17  
 (E) Second Initial Flow 101  Hourly Standby T-Out 23:00  
 (F) Second Final Flow 320  Mileage 172 - 35 Comments out of town  
 (G) Final Shut-In 1194  Sampler  
 (H) Final Hydrostatic 2077  Straddle  EM Tool 0

Initial Open 2  Ruined Shale Packer  
 Initial Shut-In 30  Ruined Packer  
 Final Flow 45  Extra Packer  
 Final Shut-In 80  Extra Recorder  
 Extra Copies  
 Sub Total 0  
 Total 2535  
 Sub Total 2535 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_

Trilobite 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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 69242

Well Name & No. Simon 5945 unit #1 Test No. 4 Date 11-11-22  
 Company Meridian Energy Inc Elevation 3176 KB 3171 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Wayton Lefon Rig Murfin 8  
 Location: Sec. 7 Twp 55 Rge. 33W Co. Rawlins State KS

Interval Tested 4120 4180 Zone Tested L9M519 B+C  
 Anchor Length 60 Drill Pipe Run 3943 Mud Wt. 9.3  
 Top Packer Depth 4115 Drill Collars Run 178 Vis 63  
 Bottom Packer Depth 4120 Wt. Pipe Run \_\_\_\_\_ WL 8.2  
 Total Depth 4180 Chlorides 2600 ppm System LCM 4

Blow Description IF: 3" blow.  
IS: surface blow built to 1/4.  
IF: BoB in 9 min. 39"  
FS: surface blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>126</u>	<u>OCM</u>	<u>30</u>		<u>70</u>	
<u>94</u>	<u>OCWM</u>	<u>20</u>	<u>10</u>	<u>70</u>	
<u>220</u>	<u>90CWM</u>	<u>10</u>	<u>20</u>	<u>60</u>	
<u>63</u>	<u>90CMW</u>	<u>10</u>	<u>50</u>	<u>20</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 504 BHT 127 Gravity \_\_\_\_\_ API RW -48 @ 28 °F Chlorides 37,000 ppm

(A) Initial Hydrostatic 2152  Test 1950 T-On Location 8:45  
 (B) First Initial Flow 65  Jars 300 T-Started 9:30  
 (C) First Final Flow 121  Safety Joint \_\_\_\_\_ T-Open 12:07  
 (D) Initial Shut-In 1313  Circ Sub N/C T-Pulled 15:07  
 (E) Second Initial Flow 78  Hourly Standby \_\_\_\_\_ T-Out 18:00  
 (F) Second Final Flow 230  Mileage 172 - 35 Comments out of town  
 (G) Final Shut-In 1286  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1997  Straddle \_\_\_\_\_  EM Tool -350

Initial Open 2  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 45  Ruined Packer \_\_\_\_\_  
 Final Flow 45  Extra Copies \_\_\_\_\_  
 Final Shut-In 90  Day Standby \_\_\_\_\_ Sub Total -350  
 Sub Total 2535 Total 2185 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]

Trilobite 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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 69243

Well Name & No. Simon 5945 unit #1 Test No. 5 Date 11-12-22  
 Company Meridian Energy Inc Elevation 3176 KB 3171 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Weston Lefer Rig Martin 8  
 Location: Sec. 7 Twp 55 Rge. 33W Co. Rawlins State KS

Interval Tested 4222 4280 Zone Tested LKC E  
 Anchor Length \_\_\_\_\_ 58 Drill Pipe Run 4038 Mud Wt. 9.2  
 Top Packer Depth \_\_\_\_\_ 4217 Drill Collars Run 178 Vis 64  
 Bottom Packer Depth \_\_\_\_\_ 4222 Wt. Pipe Run \_\_\_\_\_ WL 8.8  
 Total Depth \_\_\_\_\_ 4280 Chlorides 3100 ppm System LCM 4  
 Blow Description IF: 2" blow.

IS! No return,  
FF! BoB in 21 mins. 19  
FS! No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>83</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
<u>126</u>	<u>OCWM</u>	<u>5</u>	<u>10</u>	<u>85</u>	
<u>126</u>	<u>WCM oil spots</u>		<u>30</u>	<u>70</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 335 BHT 125 Gravity \_\_\_\_\_ API RW .47 @ 31 °F Chlorides 36,000 ppm

(A) Initial Hydrostatic <u>2119</u>	<input checked="" type="checkbox"/> Test 1950	T-On Location <u>9:40</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>10:54</u>
(C) First Final Flow <u>40</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>13:28</u>
(D) Initial Shut-In <u>1313</u>	<input checked="" type="checkbox"/> Circ Sub <u>NCC</u>	T-Pulled <u>16:30</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>18:48</u>
(F) Second Final Flow <u>173</u>	<input checked="" type="checkbox"/> Mileage <u>172</u> 35	Comments <u>out of town</u>
(G) Final Shut-In <u>1266</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2089</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool
Initial Open <u>2</u>	<input checked="" type="checkbox"/> Shale Packer 250	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>2535</u>
	Sub Total <u>2535</u>	MP/DST Disc't _____

Approved By \_\_\_\_\_ Our Representative [Signature]  
 Trilobite 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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 69244

Well Name & No. Simon Says unit #1 Test No. 6 Date 11-13-22  
 Company Meridom Energy Inc Elevation 3176 KB 3171 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Waston Geron Rig Martin 8  
 Location: Sec. 7 Twp 53 Rge. 33W Co. Rawlins State KS

Interval Tested 4483 4510 Zone Tested Pawnee  
 Anchor Length \_\_\_\_\_ Drill Pipe Run 4291 Mud Wt. 9.3  
 Top Packer Depth \_\_\_\_\_ Drill Collars Run 178 Vls 57  
 Bottom Packer Depth \_\_\_\_\_ Wt. Pipe Run \_\_\_\_\_ WL 9.6  
 Total Depth 4510 Chlorides 2400 ppm System LCM 4  
 Blow Description IF: 1/4 blow.  
IS: No return.  
FF: Surface blow built to 5 1/2.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Mud oil spots</u>			<u>100</u>	
<u>120</u>	<u>MLW</u>		<u>60</u>	<u>40</u>	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 180 BHT 130 Gravity \_\_\_\_\_ API RW .68 @ 20 ° F Chlorides 36,000 ppm

(A) Initial Hydrostatic <u>2361</u>	<input checked="" type="checkbox"/> Test 1950	T-On Location <u>15:45</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>18:40</u>
(C) First Final Flow <u>25</u>	<input checked="" type="checkbox"/> Safety Joint _____	T-Open <u>21:20</u>
(D) Initial Shut-In <u>1262</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>1:07</u>
(E) Second Initial Flow <u>28</u>	<input checked="" type="checkbox"/> Hourly Standby 1h 100	T-Out <u>3:51</u>
(F) Second Final Flow <u>90</u>	<input checked="" type="checkbox"/> Mileage <u>172-X2</u> 70	Comments <u>Short trip</u>
(G) Final Shut-In <u>1198</u>	<input type="checkbox"/> Sampler _____	<u>out of town</u>
(H) Final Hydrostatic <u>2287</u>	<input type="checkbox"/> Straddle _____	loaded tools 1/15 1:00
Initial Open <u>2</u>	<input checked="" type="checkbox"/> Shale Packer 250	<input checked="" type="checkbox"/> EM Tool -175
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input checked="" type="checkbox"/> Ruined Shale Packer 550
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Ruined Packer _____
Final Shut-In <u>120</u>	<input type="checkbox"/> Day Standby _____	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Accessibility _____	Sub Total <u>375</u>
	Sub Total <u>2670</u>	Total <u>3045</u>
		MP/DST Disc't _____

Approved By \_\_\_\_\_ Our Representative [Signature]  
 Trilobite 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.

# FRANKS Oilfield Service

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

TICKET NUMBER 0776  
 LOCATION Hoxie  
 FOREMAN Chase

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-5-22	33937	Simon Says Unit #1	7	S	33	Rw

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Mending Energy, Inc	102	Chase M		
	201	Jake T		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 309 CASING SIZE & WEIGHT 8 1/2 23#  
 CASING DEPTH 309 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 18.3 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting. Set up, mix 265 sv disp w/ 18.3 ABC shut in. Had cement at surface

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC002	1	PUMP CHARGE <u>surface</u>	\$1150 <sup>00</sup>	\$1150 <sup>00</sup>
M001	50	MILEAGE	\$6 <sup>50</sup>	\$325 <sup>00</sup>
M002	12.985	Ten mileage delivery	\$973 <sup>50</sup>	\$973 <sup>50</sup>
C0004	265 sv	10/40 class A 3% cc 2%	\$18 <sup>25</sup>	\$4783 <sup>25</sup>
			subtotal	\$7,284 <sup>75</sup>
			less 5% disc.	\$314 <sup>23</sup>
			subtotal	\$6,970 <sup>52</sup>
			SALES TAX	344.58
			ESTIMATED TOTAL	7265.10

AUTHORIZATION [Signature] TITLE Tool Pusher DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

# FRANKS Oilfield Service

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

TICKET NUMBER 0788  
 LOCATION Haxie  
 FOREMAN Tom Wilkerson

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-15-23		Simon Says Unit # 1	7	5	33	Randolph
CUSTOMER Meridian Energy Inc			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 1475 Ward Cir.			102 Preston D			
CITY STATE ZIP CODE Franktown CO 80416			41301 Chase M			
			201 Jack T			
			Tom W			
JOB TYPE	Tap to Bottom?	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT		
				4 1/2"		
CASING DEPTH	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			

REMARKS: Safety meeting & set up on Martin #8 Ram float equipment  
 Circulate hole mix 500 gal mud flush followed by 500 1:1er VS MK 30R  
 455 down hole mix 265 gwl. Wash up & displace plug

Cement did circulate

Thanks Tom & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC004		PUMP CHARGE	\$2500.00	\$2500.00
MA01	50	MILEAGE	\$6.50	\$325.00
MO02	37.58 tons	Ton Mileage Delivery	\$768.50	\$2818.50
LB032	269 gal	Class A 109 gal 20 gal 5# Kason	\$26.50	\$7022.50
CB021	500 gal	60/40 870 gal 1/4# Flossol	\$17.35	\$8,675.00
FE048	1	4 1/2" latch down plug assy.	\$600.00	\$600.00
FE030	1	4" A&U Guide shoe	\$550.00	\$550.00
FE021	1	4 3/4" basket	\$300.00	\$300.00
FE012	10	4 1/2" burholizer	\$88.00	\$880.00
FE101	1	4 1/2" stop ring	\$35.00	\$35.00
CPO13	50 gal	mud flush	\$1.00	\$500.00
			sub total	\$24,206.00
			less 5% disc.	\$1,210.30
			sub total	\$22,995.70
			SALES TAX	1322.58
			ESTIMATED TOTAL	24,318.28

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.