KOLAR Document ID: 1538382

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 # 31652
Name: Norstar Petroleum, Inc.
Address 1: 88 INVERNESS CIR E. UNIT F104
Address 2:
City: ENGLEWOOD State: CO Zip: 80112 + 5514
Contact Person: Brady Pfeiffer
Phone: (303) 925-0696
CONTRACTOR: License # 35589
Name: Lighthouse Drilling, LLC
Wellsite Geologist: Brad Rine
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 #:

10/22/2020 Spud Date or Recompletion Date
10/30/2020 Date Reached TD
10/31/2020 Completion Date or Recompletion Date

API No.: 15-197-20317-00-00
Spot Description:
SE - NE - SW - SW Sec. 32 Twp. 14 S. R. 10 ☑ East ☐ West
708 Feet from ☐ North / ☑ South Line of Section
1055 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Wabaunsee
Lease Name: ELDRIDGE TRUST Well #: 1-32
Field Name:
Producing Formation: n/a
Elevation: Ground: 1466 Kelly Bushing: 1478
Total Vertical Depth: 3440 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 300 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: 1000 ppm Fluid volume: 1000 bbls
Dewatering method used: Haul Off Pit
Location of fluid disposal if hauled offsite:
Operator Name: Norstar Petroleum Inc.
Lease Name: Lusk 1-14 License #: 31652
Quarter NE Sec. 14 Twp. 15 S. R. 10 ☑ East ☐ West
County: Wabaunsee Permit #: 15-197-20316

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: 12/14/2020
☐ **Confidential Release Date:** 12/14/2022
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 12/14/2020

Operator Name: Norstar Petroleum, Inc. Lease Name: ELDRIDGE TRUST Well #: 1-32

Sec. 32 Twp. 14 S. R. 10 ☑ East ☐ West County: Wabaunsee

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 *(Attach Additional Sheets)*	☑ Yes	☐ No	
Samples Sent to Geological Survey	☑ Yes	☐ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☑ Yes	☐ No	

List All E. Logs Run:

DIL
CDNL
MEL

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	300	Class A	190	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Norstar Petroleum, Inc.
Well Name	ELDRIDGE TRUST 1-32
Doc ID	1538382

Tops

Name	Top	Datum
Lansing	1650	-147
Swope	1931	-453
Pleasanton	1975	-497
Mississippi	2563	-1085
Kinderhook	2901	-1423
Hunton	3054	-1576
Viola	3260	-1782
Simpson Dol	3346	-1868
Simpson SS	3374	-1896

Form	ACO1 - Well Completion
Operator	Norstar Petroleum, Inc.
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Doc ID	1538382

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	300	Class A	190	3% cc, 2% gel

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

Well Name:	**Eldridge Trust #1-32 - Norstar Petroleum, Inc.**
API:	**15-197-20317-00-00**
Location:	**SE-NE-SW-SW, Section 32-14S-10E**
License Number:	**KCC #31652**
Region:	**Wabaunsee Co., Ks**
Spud Date:	**October 23, 2020**
Drilling Completed:	**October 30, 2020**
Surface Coordinates:	**708' FSL & 1055' FWL, of Section**
Results:	**D & A**
Bottom Hole Coordinates:	**Vertical Wellbore**
Field:	**N/A**
Ground Elevation (ft):	**1466 Ft.**
K.B. Elevation (ft):	**1478 Ft.**
Logged Interval (ft):	**1400 Ft. To: 3440 Ft.**
Total Depth (ft):	**RTD 3440 Ft. LTD 3437 Ft.**
Formation:	**Arbuckle? Granite Wash?**
Type of Drilling Fluid:	**Chemical**

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

Operator

Company: Norstar Petroleum, Inc.
Address: 88 Inverness Circle East, Unit F104
Englewood, Colorado 80112

Geologist

Name: M. Bradford Rine
Company: Consulting Geologist, Kansas Lic. #204, Wyo #189, AAPG Cert. #2647
Address: 100 South Main, Suite #320A
Wichita, Kansas 67202

Remarks

Based on sample observations, drill stem test results, and electric log evaluation, it was the decision of the Operator, to plug and abandon the "Eldridge Trust #1-32", on October 31, 2020.

Respectfully submitted,
M. Bradford Rine, geologist

Drilling Information

Rig: Lighthouse Drlg #1
Pump: Ideco Hydril 14 x 6.5
Drawworks: Skytop Brewster B550
Collars: 365'/689' 2-1/4 x 6-1/4
Drillpipe: 4-1/2" 16.6# XH
Toolpusher: Charlie Coulter

Mud: AJ Services (Charlie Coulter)
Gas Detector: None
Drill Stem Tests: Trilobite (Jimmy Ricketts)
Logs: ELI (Jason Cappellucci)
Water: Farm Pond on Lease, auxillery farm ponds off lease
Company Representatives:
Office: Brady Pfeiffer
Field:

Daily Drilling Status

Date:	Operations/Depth/Comments
10-21-20	MIRT @ 0'
10-22-20	Finish MIRT, RU @ 0'
10-23-20	Drilling @ 161'
10-24-20	Drilling @ 814'
10-25-20	Bit Trip @ 2599'
10-26-20	Re-building Mud Volume after Losing Circulation @ 2991'
10-27-20	Drilling @ 3212'
10-28-20	Trip Out of Hole with DST #1 @ 3277'
10-29-20	Circulate for Samples @ 3380'
10-30-20	Trip in Hole after DST #3 @ 3385'
10-31-20	Plugging completed, Rig released 5:55 AM @ 3440'

	Results:	D & A		(Well A)	SWDW	(Well B)	Oil Well		
	Norstar Petroleum Inc.			Brown Energy et al		Brown Energy et al			
	Eldridge Trust 1-32			Eldridge 32-2		Eldridge 32-1			
	708'FSL & 1055'FWL			NW-NW-NW-SE		C-E2-E2-NW			
	Sec. 32-14S-10E			Sec. 32-14S-10E		Sec. 32-14S-10E			
	KB	1478		KB	1503	KB	1490	Well A	Well B
Formations	Sample	E-Log	Datum	E-Log	Datum	E-Log	Datum	Comparison(s)	
Lansing	1625	1625	-147	1650	-147	1644	-154	0	7
Kansas City	1779	1779	-301	1804	-301	1794	-304	0	3
Swope	1934	1931	-453	1960	-457	1950	-460	4	7
Pleasanton	1980	1975	-497	2003	-500	1990	-500	3	3
Mississippian	2567	2563	-1085	2606	-1103	2587	-1097	18	12
Kinderhook Sh.	2905	2901	-1423	2919	-1416	2899	-1409	-7	-14
Hunton	3059	3054	-1576	3077	-1574	3054	-1564	-2	-12
Maquoketa	3176	3177	-1699	3186	-1683	3168	-1678	-16	-21
Viola	3264	3260	-1782	3268	-1765	3250	-1760	-17	-22
Simpson Dol.	3350	3346	-1868	NR	NA	3334	-1844	NA	-24
Simpson Sd.	3362	3374	-1896	NR	NA	3362	-1872	NA	-24
Arbuckle?	3428	3424	-1946	NR	NA	NR	NA	NA	NA
Total Depth	3440	3437	-1959	3308	-1805	3416	-1926	-154	-33

Casing Record, Bit Record, Deviation Surveys, Pipe Straps, Mudup

CASING:

Conductor: None

Surface: Ran 300' of 8-5/8" 23# Csg, set at 312 Ft. (Elite) Cement with 190 sx Class A, 3%CC, 2%gel, 1/4# Flocel. Cement did circulate.

Production: Plug as follows: (Elite) 15 sx @ 3260', 15 sx @ 1600', 115 sx @ 350 to surface, 30 sx in Rathole, 20 sx in Mousehole. Plug down @ 5:15 am, October 31, 2020.

BITS:

No.	Size	Make	Model	Depth In	Depth Out	Hours
1	12-1/4	Varel	AO3138	0	321	4.75
2	7-7/8	Logic	616 PDC	321	2599	14.00
3	7-7/8	HTC	GX23/rr	2599	3277	22.75
4	7-7/8	BBI	517/rr	3277	3380	9.25
5	7-7/8	China	21C/rr	3380	3440	2.25

DEVIATION SURVEYS:

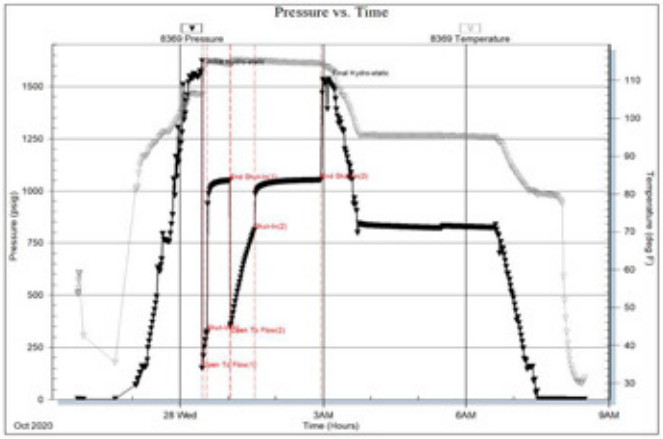
Deviation:	Depth:	Deviation:	Depth:
0.25*	321'	0.75*	2599'
0.50*	876'	1.00*	3277'
0.50*	1408'	0.87*	3380'
0.50*	2005'	0.87*	3440'

PIPE STRAPS:

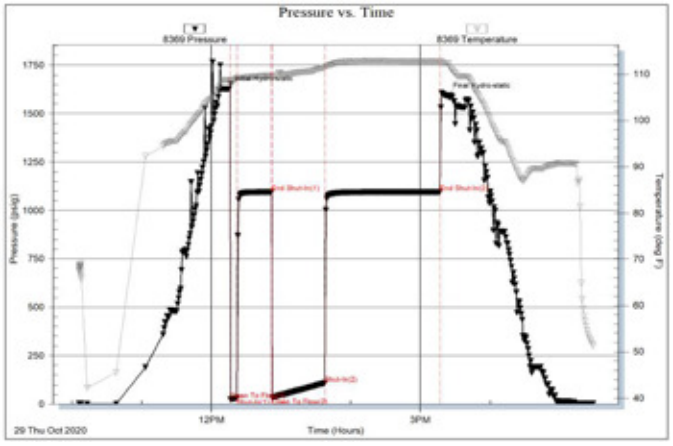
Difference:	Depth:
3.37' Short	3277'
3.00' Short	3440'

MUD UP:
Begin Displacent @ 1697'
Finish Mudup @ 1728'

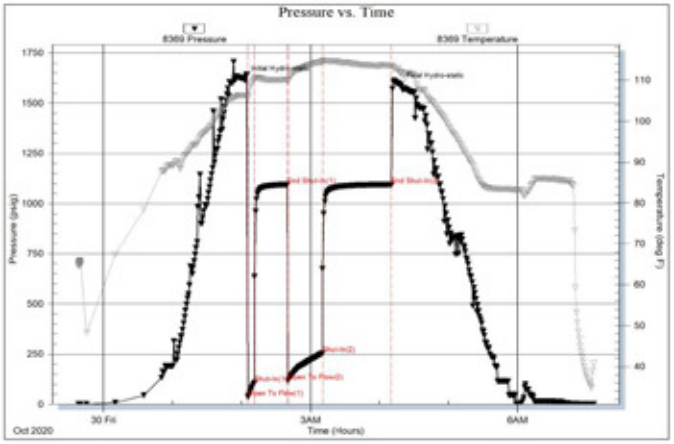
DST #1: 3267-3277 (Viola)
Times: 5-30-30-85
Initial Open: Stg Blow, b.o.b. 1 min-20 sec, built to 53", No return blow
Final Open: Stg Blow, b.o.b. 1 min-20 sec, built to 307", No return blow
Rec: 1750' Total Fluid
200' WCM: 45%w 55%m
1550' Clean Water: 100% wtr, Chl: 7500 ppm (Chl/mud 1120 ppm)
IHP: 1569 FHP: 1576
IFP: 150-326 FFP: 352-811
ISIP: 1050 FSIP: 1053
BHT: 115*F



DST #2: 3358-3380 (Simpson)
Times: 05-30-45-100* *(Rig Problems)
Initial Open: Wk surf blow, died 2 min
Final Open: Wk Blow, Built to 1.5"
Rec: 190' Drilling Mud
IHP: 1629 FHP: 1594
IFP: 24-32 FFP: 33-108
ISIP: 1096 FSIP: 1096
BHT: 113*F



DST #3: 3358-3385 (Simpson)
Times: 05-30-30-60
Initial Open: Fr Blow, built to 9", No Return Blow
Final Open: Stg Blow, b.o.b. 10 min, built to 32", No Return Blow
Rec: 530' Total Fluiid
365' HWCM: 38%w 62%m
165' SWCM: 04%w 96%m
IHP: 1622 FHP: 1588
IFP: 36-108 FFP: 116-254
ISIP: 1094 FSIP: 1095
BHT: 114*F



Rock Types

- Cgl/gran wash
- Dol ls/lmy dol
- New symbol
- Dol ls/lmy dol
- New symbol
- Anhy
- Bent
- Brec
- Cht
- Clyst
- Blk sh/coal
- Congl
- Dol
- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol
- Shgy
- Sltst
- Ss
- Till
- Sltysh
- Shlysiltst
- Sandyls

Accessories

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER

- Anhy
- Shale
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

Other Symbols

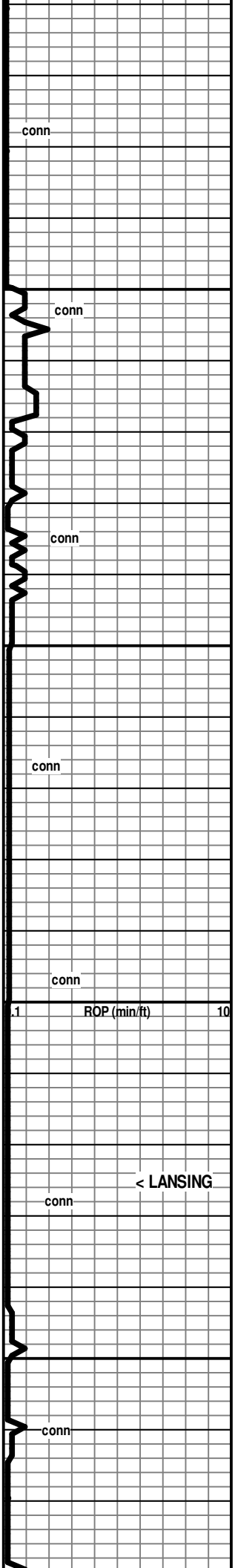
OIL SHOW

- Oil & gas show
- Gas show
- Even
- Spotted
- Trace or questionable
- Dead
- Gas

INTERVAL

- Core
- Dst

ROP (min/ft)	MD	Lithology	Shows	Geological Descriptions	Remarks
0.1 ROP (min/ft) 10 conn conn	1400 PDC Bit WOB 15K RPM 150 PP 710 SPM 68 BU 3-5 min 1450			* (Certain tops and lithologies were corrected or added based on electric logs! A PDC bit was run down to a bit change to a tri-cone button bit at 2599 ft! Early sample descriptions were based on "kelly down" samples due to high penetration rate!)	Mud Man Mud Check: Drlg @ 980': Vis Wt WL LCM PV YP NA 8.4 NA NA NA NA Chl Hd pH Solids NA NA NA 0.75%



1500

1550

1600

1650

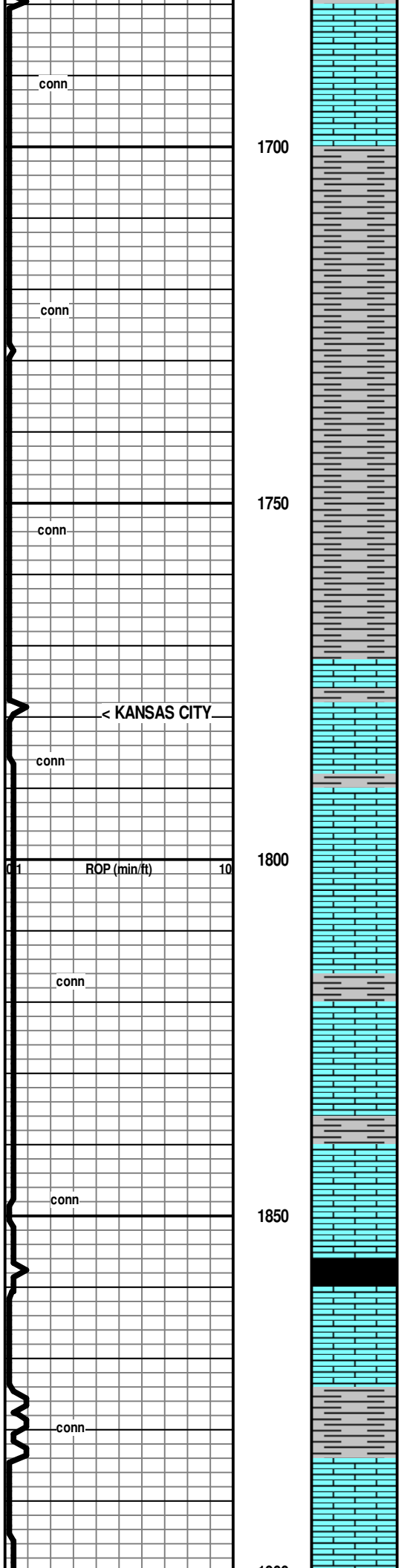
* (Begin "kelly down spls at 1600 ft, First spl retrieved at 1628 ft.)

1628' spl: 80% Sh pl gy-gy, subsilty to silty; 20% Siltstone, wh-pl gy, calc in pt, shaley in pt

<---------- 1634 (-147)

1660' spl: 80% Sh pl gy-gy, subsilty to silty in pt, 15% Siltstone, wh-pl gy, calc in pt; 05% Ls wh-cr, fn xln, pr vis xln por, foss

1691' spl: 70% Ls wh-cr-gy, fn xln, pr-fr xln por in pt, foss, ool in pt; scatt dk brnish-red algal stn; 30% Sh pl-gy, sitly to subsilty in pt



1723' spl: 85% Ls wh-cr-gy, mostly pr xln por, foss; 15% Sh gy-grnish, subsilty in pt

* 1723' +/-, Losing some fluid!

1754' spl: 75% Siltstone, silty shale, shaley siltstone, wh-pl gy-gy; 25% Ls wh-cr-gy, fn xln, pr-fr xln por, foss; Tr of black shale

* Displace & Mudup, Completed @ 1728 ft!

1786' spl: 90% Siltstone, wh-pl gy-gy, calc in pt, shaley in pt; 10% Ls cr, fn xln, dns to pr xln por, foss in pt

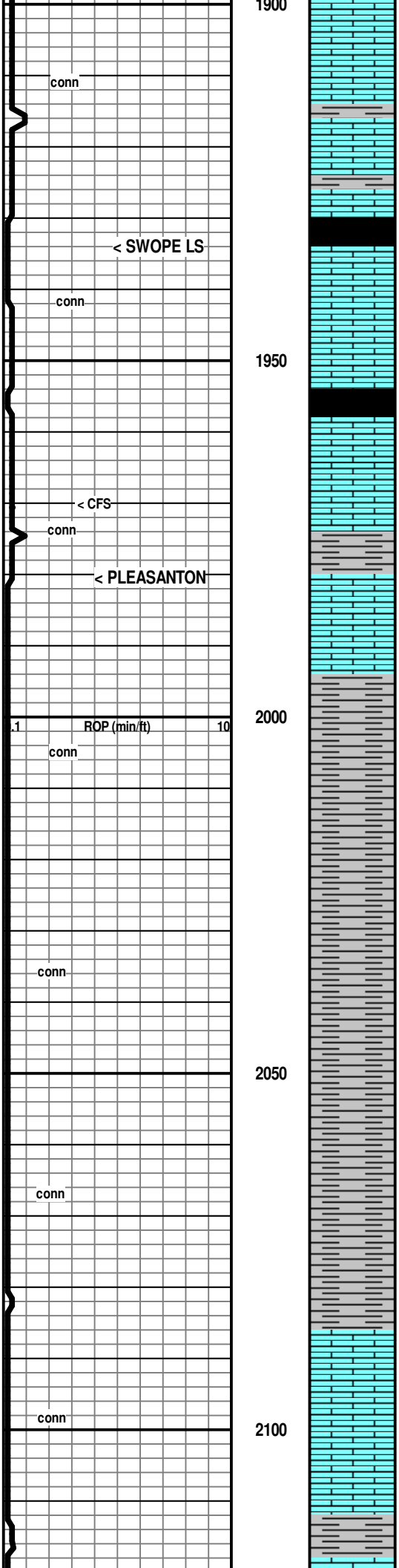
<---------- 1779 (-301)

1817' spl: 80% Ls wh-cr-tan, fnxln, dns to pr xln por, foss, chalky in pt; 20% Sh gy-grnish, silty in pt

1848' spl: 95% Ls wh-cr-tan, fnxln, dns to pr xln por, foss, chalky in pt; 05% Sh gy-grnish, silty in pt

1880' spl: 95% Ls wh-cr-tan, fnxln, dns to pr xln por, foss, chalky in pt, tr of chert, cr, fresh, subtr-transl; 05% Sh gy-grnish, silty in pt

1911' spl: 90% Ls wh-cr-tan, fnxln, dns to pr xln por, foss, chalky in pt, tr of chert, cr, fresh, subtr-transl; 10% Sh gy-grnish, silty in pt



1942' spl: 85% Ls wh-cr-tan, fn xln, dns to pr xln por, foss, cherty in pt as above; 15% Sh gy-grnish, and some black, carb

Sh black, carb

<---------- 1934 (-456)

1970' spl: 80% Ls wh-cr, fn xln, pr-fr xln por in pt, subchalky-chalky in pt, md-crs ool in pt, Tr of wh, fresh, chert; 20% Sh gy-black, carb in pt

Sh black, carb

2005' spl: 85% Ls wh-cr-tan, fn xln, pr xln por to dns, chalky in pt, foss; 15% Sh gy-grnish, subsilty in pt

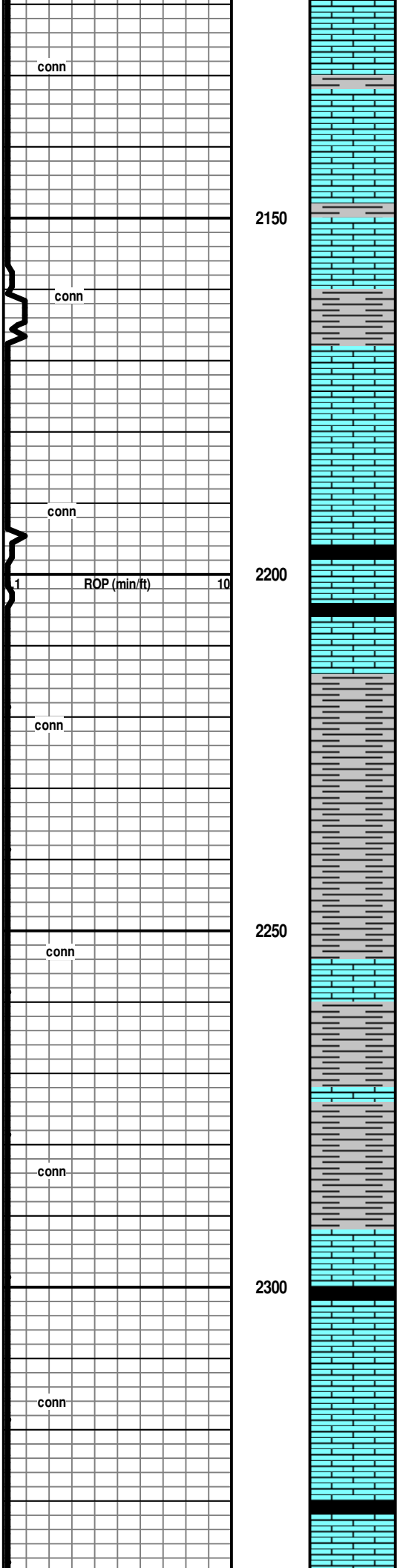
<---------- 1980 (-502)

2036' spl: Sh-Shaley Siltstone-Silty Sh, pl gy-gy, mushy to soft, some calc

2067' spl: Sh-Shaley Siltstone-Silty Sh, pl gy-gy, mushy to soft, some calc

2098' spl: Sh-Shaley Siltstone-Silty Sh, pl gy-gy, mushy to soft, some calc

2129' spl: 65% Sh-Shaley Siltstone-Silty Sh, pl gy-gy-grnish, mushy to soft, some argil; 35% Ls wh-cr, fn xln, dns-pr xln por-chalky



2161' spl: 65% Sh-Shaley Siltstone-Silty Sh, pl gy-gy-grnish, mushy to soft, some argil; 35% Ls wh-cr-tan, fn xln, dns-pr xln por-chalky

2191' spl: 65% Sh-Shaley Siltstone-Silty Sh, pl gy-gy-grnish, mushy to soft, some argil; 35% Ls wh-cr-tan-gy, fn xln, dns-pr xln por-chalky

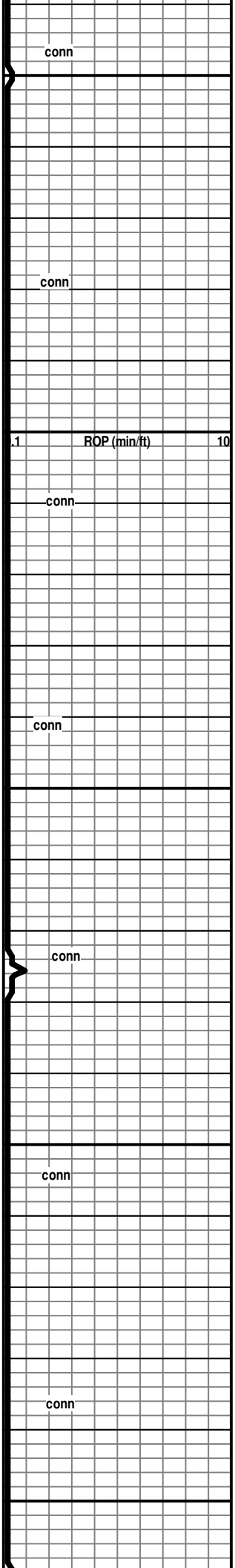
2221' spl: 65% Sh-Shaley Siltstone-Silty Sh, pl gy-gy, mushy to soft, some argil; 35% Ls cr-tan-gy, fn xln, dns-pr xln por

2253' spl: 65% Sh-Shaley Siltstone-Silty Sh, pl gy-gy, some black carb Sh, mushy to soft, some argil; 35% Ls cr-tan-gy, fn xln, dns-pr xln por

2284' spl: 60% Sh-Shaley Siltstone-Silty Sh, pl gy-gy, some black carb Sh, mushy to soft, some argil; 40% Ls cr-tan-gy, fn xln, dns-pr xln por, chalky in pt

2316' spl: 60% Sh-Shaley Siltstone-Silty Sh, pl gy-gy, some black carb Sh, mushy to soft, some argil; 40% Ls cr-tan-gy, fn xln, dns-pr xln por, chalky in pt

2347' spl: 80% Sh-Shaley Siltstone-Silty Sh, pl gy-gy, mushy to soft, calc in pt, some argil; 20% Ls cr-gy, fn xln, dns-pr xln por, chalky in pt, silty text in pt



2379' spl: 85% Sh-Shaley Siltstone-Silty Sh, pl gy-gy, mushy to soft, calc in pt, some argil; 15% Ls cr-gy, fn xln, dns-pr xln por, chalky in pt, silty text in pt

2410' spl: 75% Sh-Shaley Siltstone-Silty Sh, pl gy-gy, mushy to soft, calc in pt, some argil; 25% Ls cr-gy-brn, fn xln, dns-pr xln por, chalky in pt, silty text in pt, foss

2441' spl: 60% Sh-Shaley Siltstone-Silty Sh, pl gy-gy-black, carb in pt, mushy to soft, calc in pt, some argil; 40% Ls cr-gy-brn, fn xln, dns-pr xln por, chalky in pt, silty text in pt, foss

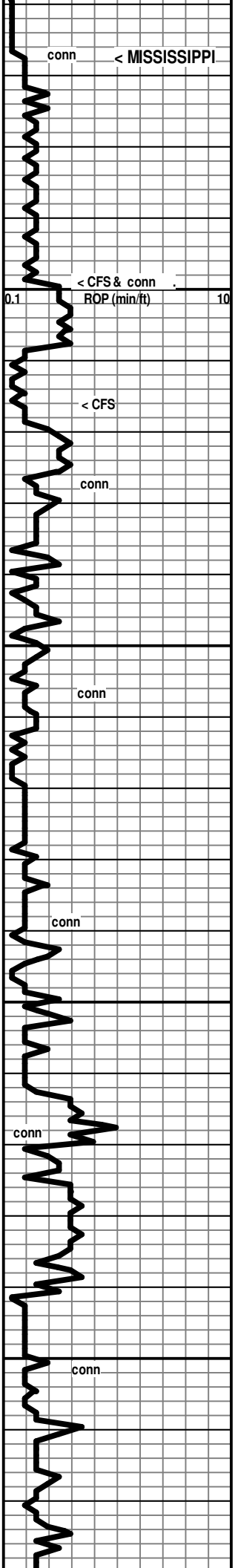
2473' spl: 60% Sh-Shaley Siltstone-Silty Sh, pl gy-gy-dk gy-black, carb in pt, mushy to soft, calc in pt, some argil; 40% Ls cr-gy-brn, fn xln, dns-pr xln por, chalky in pt, silty text in pt, foss

2504' spl: 60% Sh-Shaley Siltstone-Silty Sh, pl gy-gy-dk gy-black, carb in pt, mushy to soft, calc in pt, some argil, tr of pyritic; 40% Ls wh-cr-gy-brn, fn xln, dns-pr xln por, chalky in pt, silty text in pt, foss

* Slow bit penetration action slightly!

2536' spl: 50% Sh-Shaley Siltstone-Silty Sh, pl gy-gy-dk gy-black, carb in pt, mushy to soft, calc in pt, some argil, tr of pyritic; 50% Ls wh-cr-gy-brn, fn xln, dns-pr xln por, chalky in pt, silty text in pt, foss

2567' spl: 70% Sh gy-dk gy-black, silty in pt, carb in pt, some loose grainy pyrite in spls; 30% Ls wh-cr, fn xln, pr xln por to dns



2599' spl: 50% Sh gy-black-tan-reddish, silty in pt, carb in pt, some pyritic; 50% Ls wh-cr-brn, fn xln, dns-pr xln por

<---------- 2567 (-1089)

2599' CFS: 60% Ls wh-cr-gy, fn xln, pr xln por to dns, grainy text in pt, chalky in pt, foss, pyritic in pt; 40% Sh gy-dk gy-black-brnish-grnish, silty in pt, pyritic in pt

*2599': Bit Trip, for Tri-cone! (Pulled tight all the way out of hole.)

7:00 AM, October 25, 2020

Ls wh-cr, fn xln, dns, foss in pt

Dol cr-pl gy, fn xln, sucrosic to subrhombic, fr-gd xln por, abund vugs, foss molds & ooms, Rr scatt glauc specks

Dol-Dol Ls-Limey Dol-Ls, wh-cr-tan-pl gy, dolom pcs pr-fr-gd xln por with scatt vugs, Ls dns-pr xln por

Dol Ls-Limy Dol-Dol ch-cr-pl gy, fn xln, moslty fr-gd xln por, some pr xln por, abund subsucr to sucr text, some pcs of black carb shale

Dol Ls-Limy Dol-Dol ch-cr-pl gy, fn xln, moslty fr-gd xln por, some pr xln por, abund subsucr to sucr text

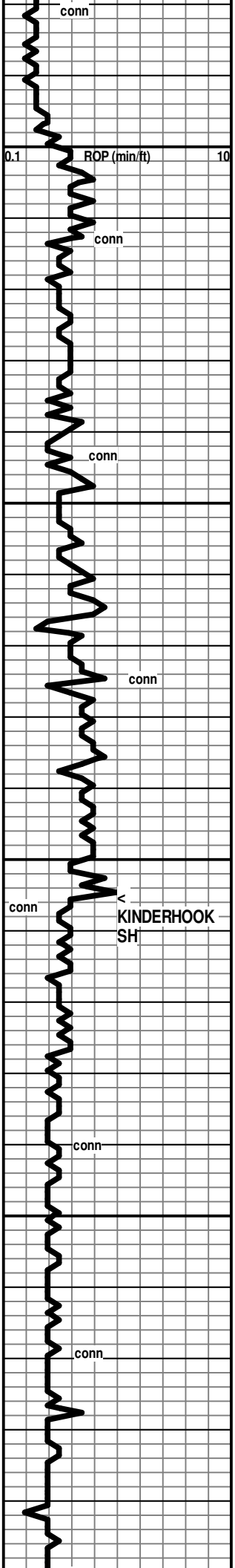
Ls wh-cr, fn xln, dns, much chert, fresh, wh, opaq; some dol ls, cr, pr xln por, subsucr

MudMan Mud Check: Drlg @ 2736':

Vis	Wt	WL	LCM	PV	YP
40	9.3	9.9	NA	9	12
Chl	Hd	pH	Solids		
2500	64	11.0	7.46		

Ls wh-cr, fn xln, dns, increased abund of chert, fresh to subgrainy text, wh, opaq to some transl; some dol ls, cr, pr xln por, subsucr

Dol Ls to Limey Dol, wh-cr, fn xln, subsucr to sucr, pr-fr xln por, abund chert: fresh, wh, opaq-subop



2800

Dol Ls to Limey Dol, wh-cr-pl gy, fn xln, subsucr to sucr, pr-fr xln por, abund chert: fresh, wh-gy, opaq-subop, spiculitic in pt

Ls & Dolo Ls, wh-cr-pl gy, fn xln, dns to pr xln por, dolom text in pt, foss in pt, Chert: fresh to grainy text, opaq-subtransl

2850

Ls & Dolo Ls, wh-cr-pl gy, fn xln, dns to pr xln por, dolom text in pt, foss in pt, Chert: fresh to grainy text, opaq-subtransl

Ls & Dolo Ls (more Ls) , wh-cr-pl gy-tan, fn xln, dns to pr xln por, dolom text in pt, foss in pt, less Chert: fresh to grainy text, opaq-subtransl

Ls & Dolo Ls (more Ls) , wh-cr-pl gy-tan, fn xln, dns to pr xln por, dolom text in pt, foss in pt, Chert: fresh to grainy text, opaq-subtransl

2900

<---------- 2905 (-1427)

Sh gy-grn, soft to firm, subsilty text in pt, some dns Ls in spls

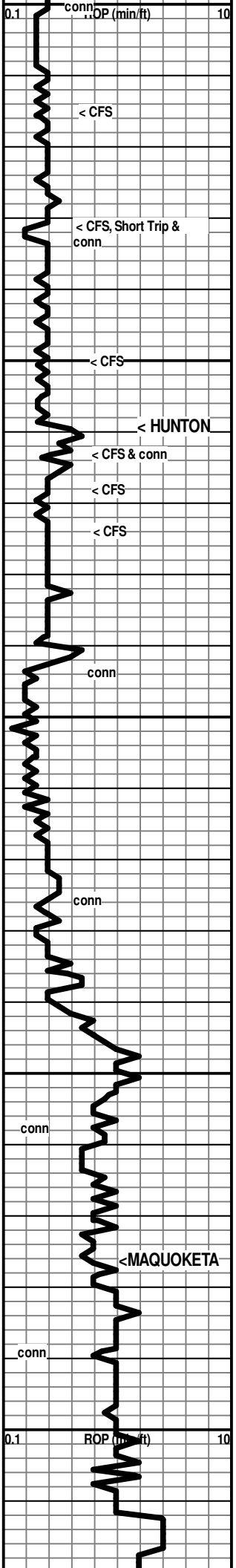
Sh gy-grn, soft to firm, subsilty text in pt

2950

Sh gy-grn, some brnish, soft to firm, subsilty text in pt

* Lost Circulation @ 2991 Ft! (Lost 200 bbls)

7:00 AM, October 26, 2020



3000

3050

3100

3150

3200

65% Dol & Limey Dol, cr, fn xln, subsucr-sucr, scatt vugs, scatt glauc specks, cherty; 35% Sh pl gy-pl grnish, subsilty text (dol incr could be ue to lost circulation and moving pipe?)

40% Dol & Limey Dol, cr, fn xln, subsucr-sucr, scatt vugs, scatt glauc specks, cherty; 60% Sh pl gy-pl grnish, subsilty text, mushy-soft, some loose pyrite

30% Dol & Limey Dol, cr, fn xln, subsucr-sucr, scatt vugs, scatt glauc specks, cherty; 70% Sh pl gy-pl grnish, subsilty text, mushy-soft, some loose pyrite

[Scatt trace of dead tarry patches on low % of chert]

Tr Dol & Limey Dol, cr, fn xln, subsucr-sucr, scatt vugs, scatt glauc specks, cherty; 99% Sh pl gy-pl grnish, subsilty text, mushy-soft, some loose pyrite

Sh gy-brnish-pl grnish, mushy-soft, subsilty text in pt (washes gy)

<---------- 3059 (-1581)

< 3059-3063: Dol gy-brn, fn xln, subsucrosic to sucr, pr vis xln por, Rr scatt pp pores, pr-fr crush, sli foss in pt, scatt embedded fn subrd sd grns, some pyrite, some chert

< 3064-3068:Dol wh-cr-pl gy, fn xln, dns-pr vis xln por, pr-fr crush, sucr in pt, Rr scatt pp pores, abund wh chert: fresh to subgrny to grny, few pcs subtripolitic, pyritic in pt

< 3069-3074: Mostly fresh white chert, opaq, some grny text, some gy subtransl chert, mod am't of pyrite patches, sli dol as above

Dol wh-cr-gy, fn xln, fr-gd xln por in pt, scatt vugs, sucr, fr-gd crush, sli cherty, mostly fresh wh, pyr

(chert rapidly dercreasing with dpeth)

Dol pl gy, fn-md xln, pr-fr-gd xln por, scatt vugs & pp pores, subsucr-sucr in pt, subrhombic-rhombic in pt, scatt pyrite patches

Dol cr-pl gy, fn-md xln, pr-fr-gd xln por, scatt vugs & pp pores, subsucr-sucr in pt, subrhombic-rhombic in pt, scatt pyr patches

Dol & Dol Ls, cr-pl gy, fn-md xln, pr-fr-gd xln por in pt, dns in pt, scatt vugs & pp pores, subsucr-sucr in pt, subrhombic-rhombic in pt, scatt pyr patches, tr of fresh wh chert, opaq

<---------- 3176 (-1698)

Sh pl gy-grnish-black, subsilty text in pt, abund Dol remains in spls

Sh pl gy-gy, subsilty text in pt, abund Dol remains in spls

Sh pl gy-gy-black, subsilty text in pt, mod % of Dol, vfn-fn xln, dns to pr xln por

* Ran Short Trip @ 3031 ft, to prepare for DSTs! (12 stds)
*Rebuild mud volume and lcm after ST!

[3059'-3063': No Odor, Rr specks & small patches of dull flour, few pcs in tray with Tr to V Sli Show of Brn FO on crush]

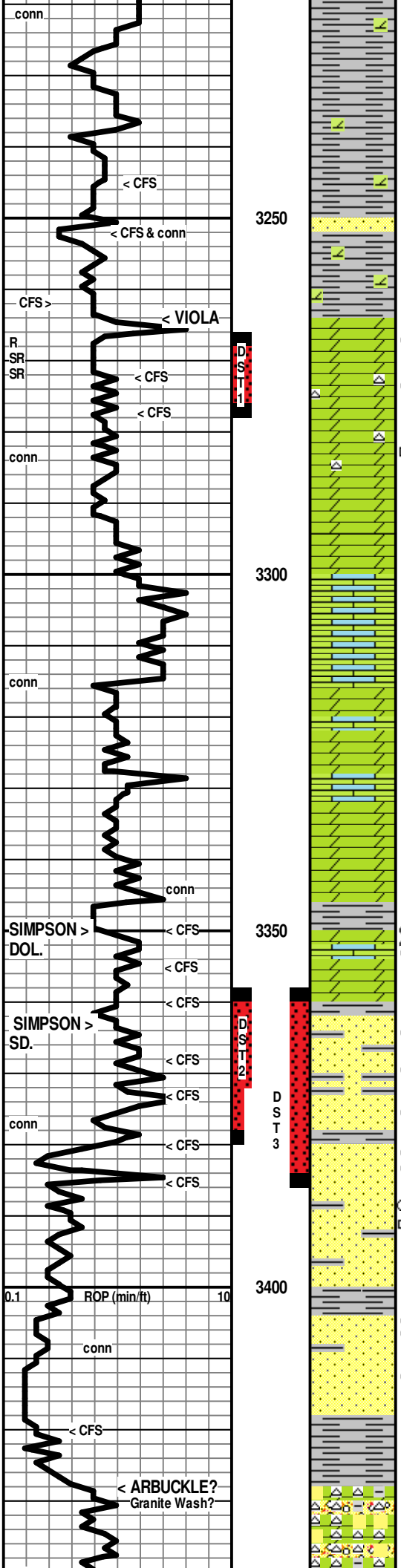
[3064'-3080': No odor, No Flour, found a few pcs of chert with specks or patches of dead asphaltic stn]

MudMan Mud Check: Drlg @ 3197':

Vis	Wt	WL	LCM	PV	YP
46	8.8	10.7	6	13	10
Chl	Hd	pH	Solids		
1100	36	10.0	3.73		

* Incr RPM, attempt to improve penetration rate @ 3212 ft!

7:00 AM, October 27, 2020



Sh pl gy-gy-pl grn-black, subsilty to silty text in pt, siltstone in pt, abund pyritic in pt, some dol in spls throughout

Sh pl gy-gy-pl grn-brnish, subsilty to silty text in pt, siltstone in pt, abund pyritic in pt

Sh pl gy-gy-pl grn-black, subsilty to silty text in pt, siltstone in pt, abund pyritic in pt

3562' 20-min: Mlx of: a few clusters of Sd, glassy, fn grn,subrd, gd sort, fr fri.; abund Sh gy-pl gy, subsilty inpt; some Dol cr-gy, fn xln, dns-pr xln por, subsucr, pr crush, pyr in pt (No show down to 3262' CFS)

<---------- 3264 (-1786)

< 3264-3272: Dol wh-cr-gy, fn-md xln, subsucr-sucrosic to subrhomic, scatt calcite rhombs,pr-fr xln por in pt, scatt vugs, scatt dns, mix of pr-fr-gd crush,

< 3273-3277: similar to above, with addition of fresh white chert,

Dol wh-cr-gy, fn-md xln, subsucr-sucrosic to subrhomic, pr-fr xln por in pt, widely scatt vugs, scatt dns, mix of pr-fr crush, mod am't of fresh white chert

[No Odor, No Fluor, Rr scatt black dead/asphaltic oil specks, NSFO]

Dol cr-tan-gy, fn xln, dns in pt, pr-fr xln por in pt, subsucr-sucrosic, poor crush with some fr crush, cherty

Dol, cr-tan-gy, fn xln, dns to pr xln por, pr crush, subsucr-sucr

Dol, cr-tan-gy, fn xln, dns to pr xln por, pr crush, subsucr-sucr, mixed with Ls wh-cr, fn xln, dns, chalky in pt

Dol, cr-tan-gy, fn xln, dns to pr xln por, pr crush, subsucr-sucr, mixed with Ls wh-cr, fn xln, dns, chalky in pt

Sh some pl grn, mostly dk gy, subwaxy

<---------- 3350 (-1872)

< 3346-3350: Dol tan-brn, fn xln, pr vis xln por to dns, mostly pr crush, subsucr-sucrosic text

<3351-3360: Dol-Limey dol, wh-cr-tan, fn xln, subsucr, dns to pr xln por, pr-fr crush, some rhombic & md xln, gd por, gd crush, pyritic in pt

<---------- 3362 (-1884)

Sd glassy-gy, fn grn, rd'd clusters, some near md grn, gd sort, subrd, pr-fr-gd fri, fr-gd intergrnlr por in pt, shaley in pt, some calc cem, mod % spls shale, gy-dk gy

Sd becoming sli more crs, subrd to near rd, subanglr in pt, clstrs rd to subrd, fr-gd sort, pr-fr-gd fri, calc cem in pt, shaley in pt

Sd glassy-gy-wh, fn grn, gd sort, rd-subrd, exc-gd fri, loose grns to rd clusters, fr-gd intergrnlr por, mod am't of dk shale in spls

< 3400' spl: Sd glassy-gy-wh, fn grn, gd sort, rd-subrd, exc-gd fri, loose grns to rd clusters, fr-gd intergrnlr por, mod am't of dk shale in spls

[3400' spl: No odor, No fluor, 98% barren, 02% scatt spots & patches of brn-dk brn DO stn with trace of thick tarry oil]

< 3420' spl: Sd glassy-gy-wh, fn grn, gd sort, rd-subrd, exc-gd fri, loose grns to rd clusters, fr-gd intergrnlr por, some of dk shale in spls, abund pyrite

< 3420' CFS: Sd glassy-gy-wh, fn grn, gd sort, rd-subrd, exc-gd fri, loose grns to rd clusters, fr-gd intergrnlr por, some of dk shale in spls, abund pyrite

< 3430': Sd glassy-gy-wh, fn grn to silty text, gd sort, rd-subrd, exc-gd fri, loose grns to rd clusters, fr-gd intergrnlr por, some of dk shale in spls, abund pyrite, scatt grn glauc specks, dk gy scatt shale frags embedded

<---------- 3428 (-1950)

< 3440' spl: 50% Sd & Siltstone, wh-cr- pl gy, vfn-fn grn, pr-gd fri, some calc cem, pr-gd vis xln por; 50% Shale, pl grn-pl gy, silty to subsilty in pt, subwaxy-waxy in pt, scatt pyritic

MudMan Mud Check: CFS @ 3277':

Vis	Wt	WL	LCM	PV	YP
48	9.0	8.8	5	16	15
Chl	Hd	pH	Solids		
1120	52	10.0	5.22		

[3264-3272: Stg Odor-sli sour, No fluor, patchy brn-dk brn stn in mod am't of pcs, mix of asphaltic & dead oil with sli-fr shows of brn-dk FO on crush, Rr tr of gas bubbles, sli over 50% pcs with no stn or show, sli under 50% pcs with some show]

[3273-3277: Slight Odor, No Fluor, Abund specks & patches of dk stn with abund shows of dead oil & asphaltic oil, diminishing Scatt sli shows of dk Brn FO]

Pipe Strap @ 3277':
3.37 ft. Short!
(no correction made)

DST #1: 3267-3277 (Viola)
Times: 05-30-30-85* *(Rig Problems)
Initial Open: Stg Blow, b.o.b. 1 min-20 sec, built to 53", No return blow
Final Open: Stg Blow, b.o.b. 1 min-20 sec, built to 307", No return blow
Rec: 1750' Total Fluid
200' WCM: 45%w 55%m
1550' Clean Water: 100% wtr, Chl: 7500 ppm (Chl/mud 1120 ppm)
IHP: 1569 FHP: 1576
IFP: 150-326 FFP: 352-811
ISIP: 1050 FSIP: 1053
BHT: 115*F

[3346-3350: Fnt Odor, No fluor, low % pcs with isolated spots & sm patches of black, thick, hvy, tarry oil, strings out on tweezers]
[3351-3360: Fnt Odor, No fluor, few pcs with dead specks and specks of dk hvy tarry oil]

[3362-3373: Mild Odor, No fluor, mostly specks and flakes of dry dead oil , V Rr tr of microdrops of dk brn FO on crush, abund barren clusters

[3374-3380: Mod Odor, scatt spotty dk stn, Scatt shows of dk brn FO, abund dead oil specks]

[3381-3385: Stg Odor, No fluor, abund clusters with saturated v dk oil: mostly tarry thick hvy oil, some deadish dk hvy thick oil, some dk, not very lively oil, less of dk brn FO, abund dk sat stn, some patchy dk stn, some barren clstrs]

[3420' spl: Fnt Odor, No fluor, 80% Barren, 20% with mix of shows: Mostly spotty-patchy dead/gilsonitic blk stn, some dead oil on brk, Rr Not very lively FO on crush]
[3420' CFS spl: V Fnt Odor, No fluor, 95% Barren, 05% with mix of shows: Mostly spotty-patchy dead/gilsonitic blk stn, V Rr dead oil & Not very lively oil on crush]
[3430' spl: No Odor,No fluor, 98% barren, 02% scatt specks & patches of dead gilson dk stn, NSFO]

<--- Geologist questions if this is true Arbuckle, based on samples observed, or perhaps a re-worked and/or granite wash?

CFS >

[RTD 3440 Ft.]

(LTD 3437 Ft.)

3450

3500

3550

3600

0.1 ROP (min/ft) 10

< 3440' CFS: Mix of: Sd as above; Shales as above; Chert: fresh, wh, opaq with scatt embedded pyrite; Dol? cr, subvitreous to subsucr, v fn xln, v dns, no vis xln por, v hard to crush, few pcs not so fine & dns

MudMan Mud Check: TIH after DST #3' @ 3385:

Vis	Wt	WL	LCM	PV	YP
50	9.2	6.6	6	20	20
Chl	Hd	pH	Solids		
1340	80	8 .0	6.72		

DST #2: 3358-3380 (Simpson)
Times: 05-30-45-100* *(Rig Problems)
Initial Open: Wk surf blow, died 2 min
Final Open: Wk Blow, Built to 1.5"
Rec: 190' Drilling Mud
IHP: 1629 FHP: 1594
IFP: 24-32 FFP: 33-108
ISIP: 1096 FSIP: 1096
BHT: 113*F

DST #3: 3358-3385 (Simpson)
Times: 05-30-30-60
Initial Open: Fr Blow, built to 9",
No Return Blow
Final Open: Stg Blow, b.o.b. 10 min,
built to 32", No Return Blow
Rec: 530' Total Fluiid
365' HWCM: 38%w 62%m
165' SWCM: 04%w 96%m
(Chl/wtr: 8500 ppm) (Chl/Mud: 1340 ppm)
IHP: 1622 FHP: 1588
IFP: 36-108 FFP: 116-254
ISIP: 1094 FSIP: 1095
BHT: 114*F

DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc.**

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514

ATTN: Brady Pfeiffer/Brad

Eldridge Trust #1-32

32-14S-10E Wabaunsee,KS

Start Date: 2020.10.27 @ 21:51:00
End Date: 2020.10.28 @ 08:29:30
Job Ticket #: 66611 DST #: 1

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

Printed: 2020.11.02 @ 14:37:45

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66611 **DST#: 1**

Test Start: 2020.10.27 @ 21:51:00

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:27:40
Time Test Ended: 08:29:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80

Interval: 3267.00 ft (KB) To 3277.00 ft (KB) (TVD)
Total Depth: 3277.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

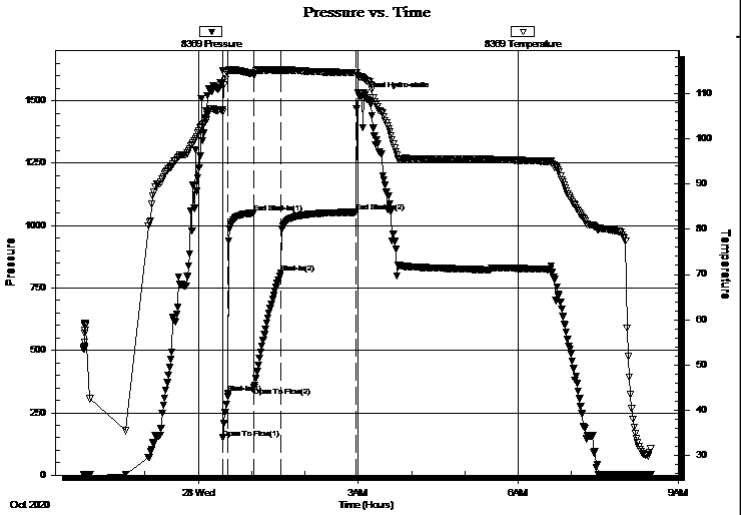
Reference Elevations: 1478.00 ft (KB)
1466.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8369 **Outside**

Press@RunDepth: 811.07 psig @ 3268.00 ft (KB)
Start Date: 2020.10.27 End Date: 2020.10.28
Start Time: 21:51:01 End Time: 08:29:30

Capacity: 8000.00 psig
Last Calib.: 2020.10.27
Time On Btm: 2020.10.28 @ 00:26:10
Time Off Btm: 2020.10.28 @ 03:04:00

TEST COMMENT: IF - Strong blow throughout. Built to 53"
FF - Strong blow throughout. Built to 307"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1569.26	106.37	Initial Hydro-static
2	149.84	105.84	Open To Flow (1)
8	326.48	114.96	Shut-In(1)
37	1050.11	114.29	End Shut-In(1)
37	351.89	114.05	Open To Flow (2)
67	811.07	115.13	Shut-In(2)
152	1053.40	114.55	End Shut-In(2)
158	1516.32	113.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1550.00	Water 100%W	18.96
200.00	HWCM 45%W & 55%M	2.81

Gas Rates

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

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66611 **DST#: 1**

Test Start: 2020.10.27 @ 21:51:00

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:27:40
Time Test Ended: 08:29:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80

Interval: 3267.00 ft (KB) To 3277.00 ft (KB) (TVD)
Total Depth: 3277.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

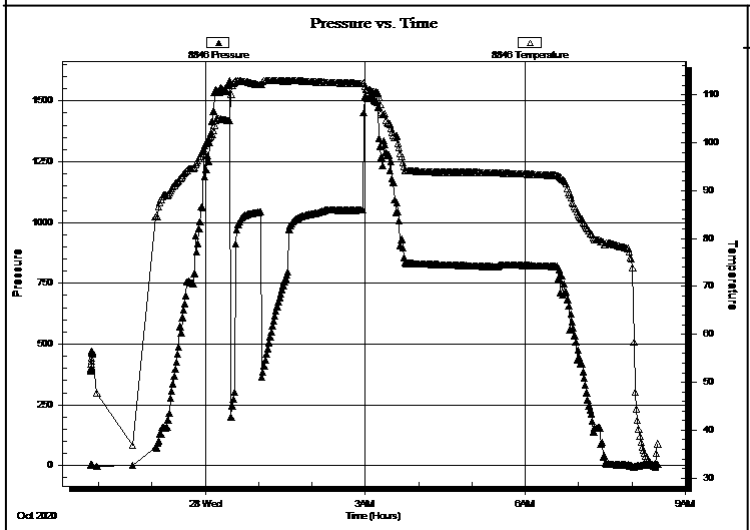
Reference Elevations: 1478.00 ft (KB)
1466.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8846 **Inside**

Press@RunDepth: psig @ 3268.00 ft (KB)
Start Date: 2020.10.27 End Date: 2020.10.28
Start Time: 21:51:01 End Time: 08:29:40

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: IF - Strong blow throughout. Built to 53"
FF - Strong blow throughout. Built to 307"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1550.00	Water 100%W	18.96
200.00	HWCM 45%W & 55%M	2.81

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66611 **DST#: 1**

Test Start: 2020.10.27 @ 21:51:00

Tool Information

Drill Pipe:	Length:	2947.00 ft	Diameter:	3.80	inches	Volume:	41.34	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:		inches	Volume:	0.00	bbl	
Drill Collar:	Length:	305.00 ft	Diameter:	2.25	inches	Volume:	1.50	bbl	
						Total Volume:	42.84	bbl	

Drill Pipe Above KB:	16.00 ft
Depth to Top Packer:	3267.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	10.00 ft
Tool Length:	41.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		20000.00 lb
Weight to Pull Loose:		70000.00 lb
Tool Chased		1.00 ft
String Weight:	Initial	49000.00 lb
	Final	56000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3237.00		
Shut In Tool	5.00			3242.00		
Hydraulic tool	5.00			3247.00		
Jars	5.00			3252.00		
EMT	3.00			3255.00		
Safety Joint	3.00			3258.00		
Packer	5.00			3263.00	31.00	Bottom Of Top Packer
Packer	4.00			3267.00		
Stubb	1.00			3268.00		
Recorder	0.00	8369	Outside	3268.00		
Recorder	0.00	8846	Inside	3268.00		
Perforations	6.00			3274.00		
Bullnose	3.00			3277.00	10.00	Bottom Packers & Anchor
Total Tool Length:	**41.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66611 **DST#: 1**

Test Start: 2020.10.27 @ 21:51:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	7500 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1120.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1550.00	Water 100%W	18.964
200.00	HWCM 45%W & 55%M	2.805

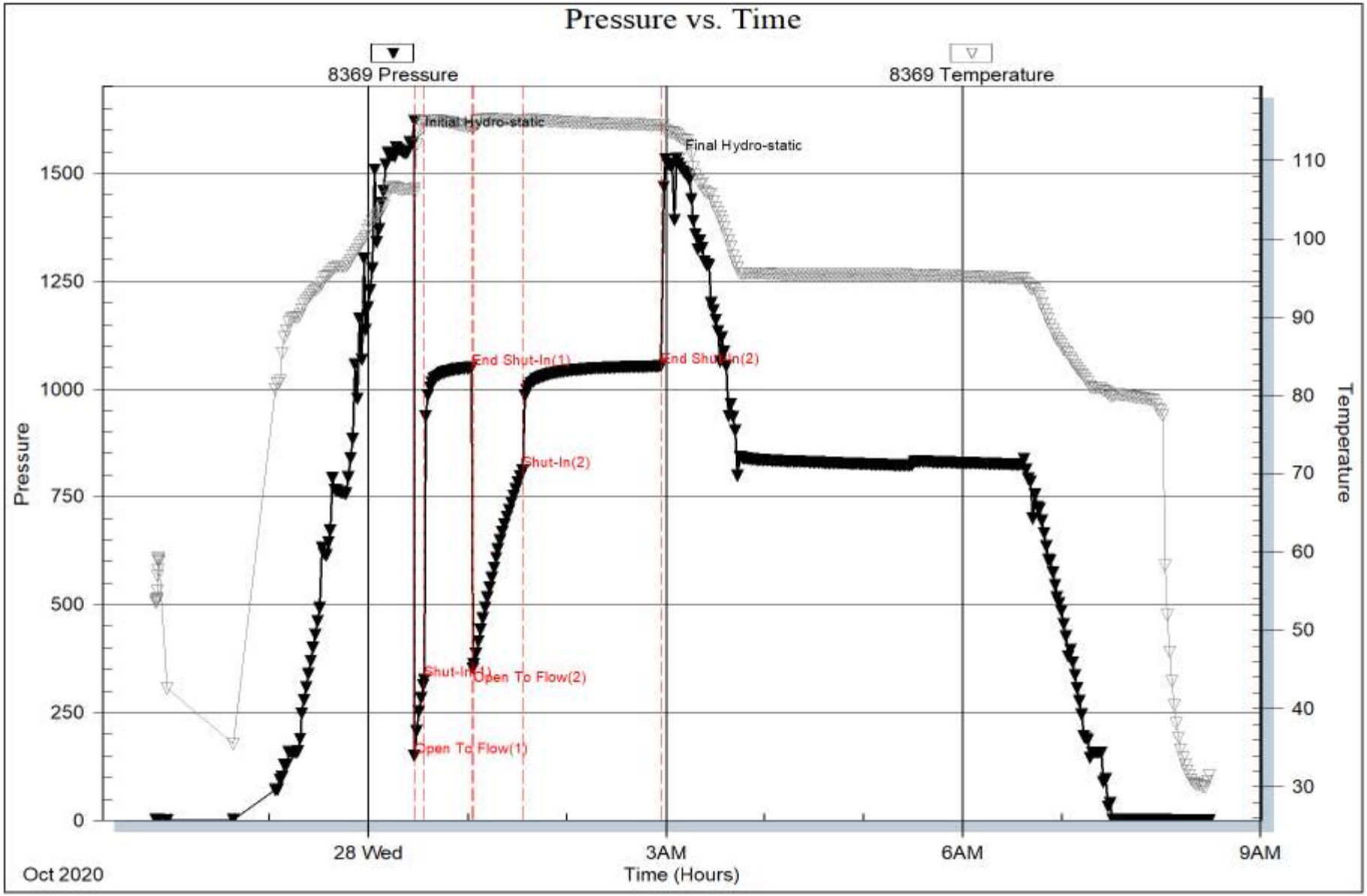
Total Length: 1750.00 ft Total Volume: 21.769 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

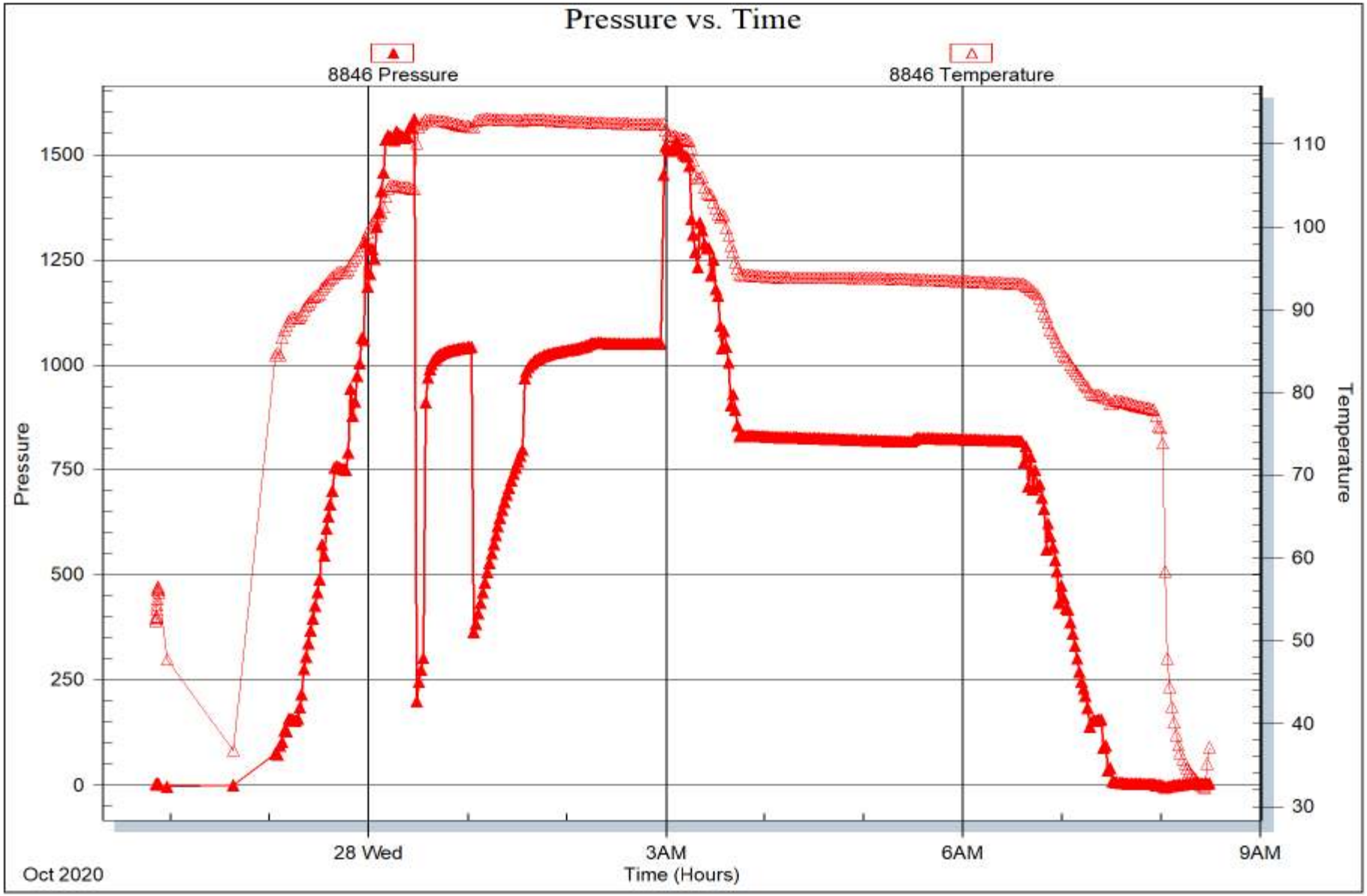
Recovery Comments:

Serial #: 8369 **Outside** Norstar Petroleum, Inc. Bdridge Trust #1-32 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 66611 Printed: 2020.11.02 @ 14:37:45

Serial #: 8846 **Inside** Norstar Petroleum, Inc. Bdridge Trust #1-32 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 66611 Printed: 2020.11.02 @ 14:37:46

DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc.**

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514

ATTN: Brady Pfeiffer/Brad

Eldridge Trust #1-32

32-14S-10E Wabaunsee,KS

Start Date: 2020.10.29 @ 10:06:00

End Date: 2020.10.29 @ 17:28:39

Job Ticket #: 66611 DST #: 2

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

Printed: 2020.11.02 @ 14:33:18

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66611 **DST#: 2**

Test Start: 2020.10.29 @ 10:06:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:16:20
Time Test Ended: 17:28:39

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80

Interval: 3358.00 ft (KB) To 3380.00 ft (KB) (TVD)
Total Depth: 3380.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

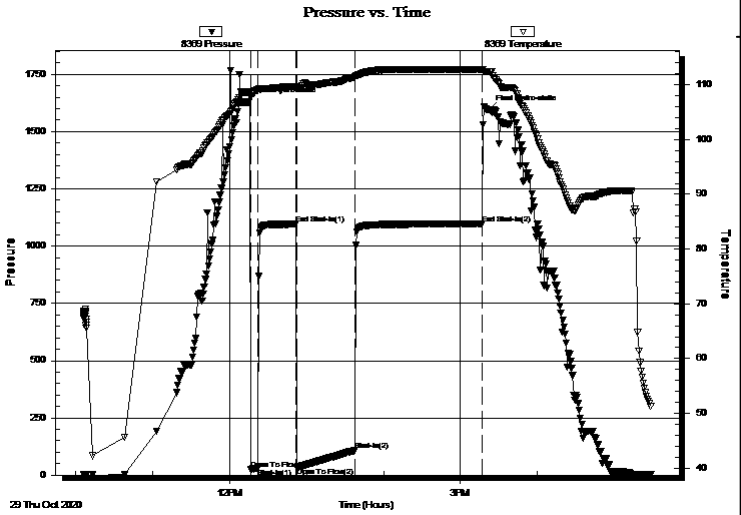
Reference Elevations: 1478.00 ft (KB)
1466.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8369 **Outside**

Press@RunDepth: 108.23 psig @ 3359.00 ft (KB)
Start Date: 2020.10.29 End Date: 2020.10.29
Start Time: 10:06:01 End Time: 17:28:40

Capacity: 8000.00 psig
Last Calib.: 2020.10.29
Time On Btm: 2020.10.29 @ 12:14:20
Time Off Btm: 2020.10.29 @ 15:22:39

TEST COMMENT: IF - Surface blow throughout initial flow period.
FF - Weak blow building to 1 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1628.78	108.59	Initial Hydro-static
2	23.86	108.03	Open To Flow (1)
8	31.53	109.04	Shut-In(1)
38	1095.68	109.69	End Shut-In(1)
38	33.31	109.36	Open To Flow (2)
84	108.23	111.38	Shut-In(2)
183	1096.16	112.73	End Shut-In(2)
189	1593.54	112.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	Drilling mud 100%M	0.93

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66611 **DST#: 2**

Test Start: 2020.10.29 @ 10:06:00

Tool Information

Drill Pipe:	Length:	2976.00 ft	Diameter:	3.80	inches	Volume:	41.75	bbl	Tool Weight:	2600.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:		inches	Volume:	0.00	bbl	Weight set on Packer:	21000.00 lb
Drill Collar:	Length:	365.00 ft	Diameter:	2.25	inches	Volume:	1.80	bbl	Weight to Pull Loose:	78000.00 lb
						Total Volume:	43.55	bbl	Tool Chased	1.00 ft
Drill Pipe Above KB:		14.00 ft							String Weight: Initial	56000.00 lb
Depth to Top Packer:		3358.00 ft							Final	56000.00 lb
Depth to Bottom Packer:		ft								
Interval between Packers:		22.00 ft								
Tool Length:		53.00 ft								
Number of Packers:		2	Diameter:	6.75	inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3328.00		
Shut In Tool	5.00			3333.00		
Hydraulic tool	5.00			3338.00		
EMT	3.00			3341.00		
Jars	5.00			3346.00		
Safety Joint	3.00			3349.00		
Packer	5.00			3354.00	31.00	Bottom Of Top Packer
Packer	4.00			3358.00		
Stubb	1.00			3359.00		
Recorder	0.00	8369	Outside	3359.00		
Recorder	0.00	8846	Inside	3359.00		
Perforations	18.00			3377.00		
Bullnose	3.00			3380.00	22.00	Bottom Packers & Anchor
Total Tool Length:	**53.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66611 **DST#: 2**

Test Start: 2020.10.29 @ 10:06:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	inches				

Recovery Information

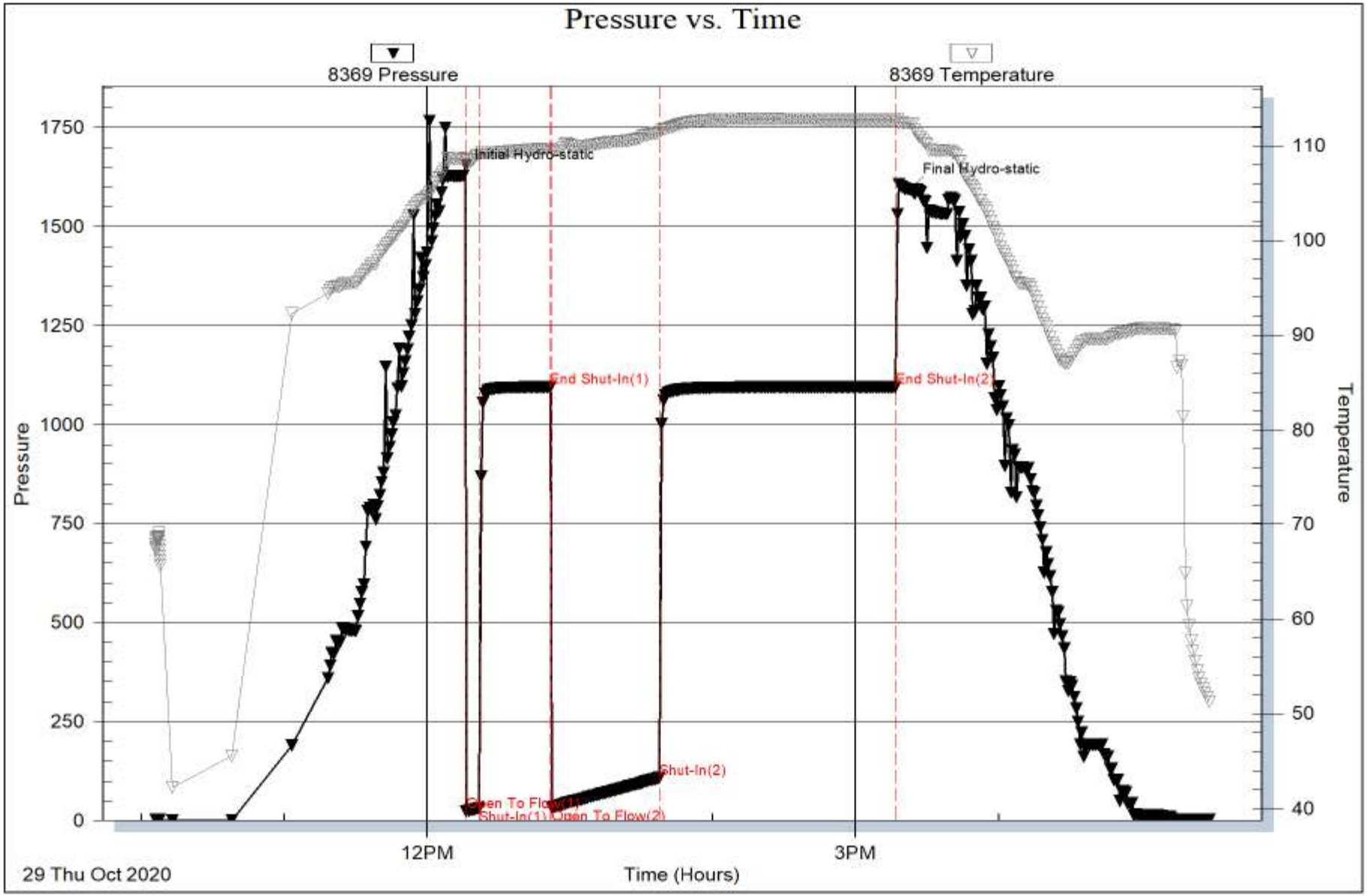
Recovery Table

Length ft	Description	Volume bbl
190.00	Drilling mud 100%M	0.934

Total Length: 190.00 ft Total Volume: 0.934 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8369 **Outside** Norstar Petroleum, Inc. Bdridge Trust #1-32 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 66611 Printed: 2020.11.02 @ 14:33:18

DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc.**

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514

ATTN: Brady Pfeiffer/Brad

Eldridge Trust #1-32

32-14S-10E Wabaunsee,KS

Start Date: 2020.10.29 @ 23:38:00
End Date: 2020.10.30 @ 07:06:20
Job Ticket #: 66613 DST #: 3

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

Printed: 2020.11.02 @ 14:25:08

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66613 **DST#: 3**

Test Start: 2020.10.29 @ 23:38:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:05:20
Time Test Ended: 07:06:20

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80

Interval: 3358.00 ft (KB) To 3385.00 ft (KB) (TVD)
Total Depth: 3385.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

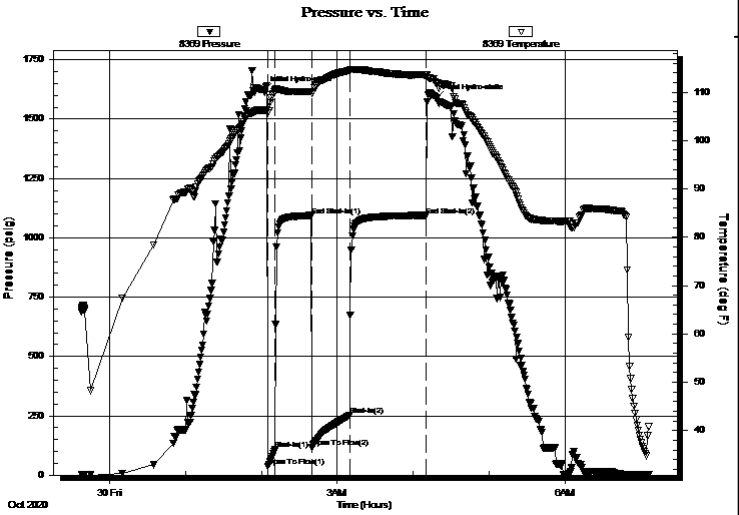
Reference Elevations: 1478.00 ft (KB)
1466.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8369 **Outside**

Press@RunDepth: 253.89 psig @ 3359.00 ft (KB)
Start Date: 2020.10.29 End Date: 2020.10.30
Start Time: 23:38:01 End Time: 07:06:20

Capacity: 8000.00 psig
Last Calib.: 2020.10.29
Time On Btm: 2020.10.30 @ 02:02:20
Time Off Btm: 2020.10.30 @ 04:18:09

TEST COMMENT: IF - Weak blow building to 9"
FF - Weak blow building to strong blow 10 minutes Built to 32"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1622.16	106.29	Initial Hydro-static
3	36.46	105.67	Open To Flow (1)
9	107.88	110.24	Shut-In(1)
38	1094.02	110.11	End Shut-In(1)
38	116.38	109.79	Open To Flow (2)
68	253.89	114.46	Shut-In(2)
128	1094.65	113.52	End Shut-In(2)
136	1587.80	111.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
365.00	HWCM 38%W & 62%M	1.80
165.00	VSWCM 4%W & 96%M	2.31

Gas Rates

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

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66613 **DST#: 3**

Test Start: 2020.10.29 @ 23:38:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:05:20
Time Test Ended: 07:06:20

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 80

Interval: 3358.00 ft (KB) To 3385.00 ft (KB) (TVD)
Total Depth: 3385.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

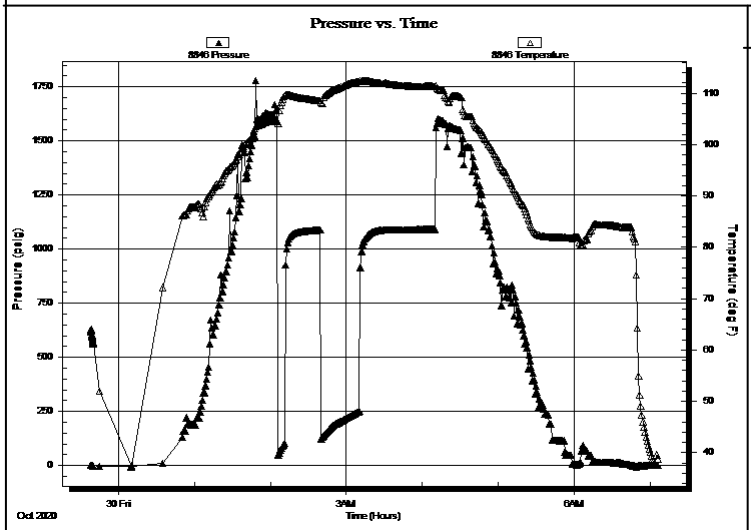
Reference Elevations: 1478.00 ft (KB)
1466.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8846 **Inside**

Press@RunDepth: psig @ 3359.00 ft (KB)
Start Date: 2020.10.29 End Date: 2020.10.30
Start Time: 23:38:01 End Time: 07:06:30

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: IF - Weak blow building to 9"
FF - Weak blow building to strong blow 10 minutes Built to 32"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
365.00	HWCM 38%W & 62%M	1.80
165.00	VSWCM 4%W & 96%M	2.31

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66613 **DST#: 3**

Test Start: 2020.10.29 @ 23:38:00

Tool Information

Drill Pipe:	Length:	2976.00 ft	Diameter:	3.80	inches	Volume:	41.75	bbl	Tool Weight:	2600.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:		inches	Volume:	0.00	bbl	Weight set on Packer:	21000.00 lb
Drill Collar:	Length:	365.00 ft	Diameter:	2.25	inches	Volume:	1.80	bbl	Weight to Pull Loose:	60000.00 lb
						Total Volume:	43.55	bbl	Tool Chased	1.00 ft
Drill Pipe Above KB:		14.00 ft							String Weight: Initial	56000.00 lb
Depth to Top Packer:		3358.00 ft							Final	56000.00 lb
Depth to Bottom Packer:		ft								
Interval between Packers:		27.00 ft								
Tool Length:		58.00 ft								
Number of Packers:		2	Diameter:	6.75	inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3328.00		
Shut In Tool	5.00			3333.00		
Hydraulic tool	5.00			3338.00		
Jars	5.00			3343.00		
EMT	3.00			3346.00		
Safety Joint	3.00			3349.00		
Packer	5.00			3354.00	31.00	Bottom Of Top Packer
Packer	4.00			3358.00		
Stubb	1.00			3359.00		
Recorder	0.00	8369	Outside	3359.00		
Recorder	0.00	8846	Inside	3359.00		
Perforations	23.00			3382.00		
Bullnose	3.00			3385.00	27.00	Bottom Packers & Anchor
Total Tool Length:	**58.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.

88 Inverness Circle
E. Unit F104
Englewood, CO. 80112-5514
ATTN: Brady Pfeiffer/Brad

32-14S-10E Wabaunsee,KS

Eldridge Trust #1-32

Job Ticket: 66613 **DST#: 3**

Test Start: 2020.10.29 @ 23:38:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	8500 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	inches				

Recovery Information

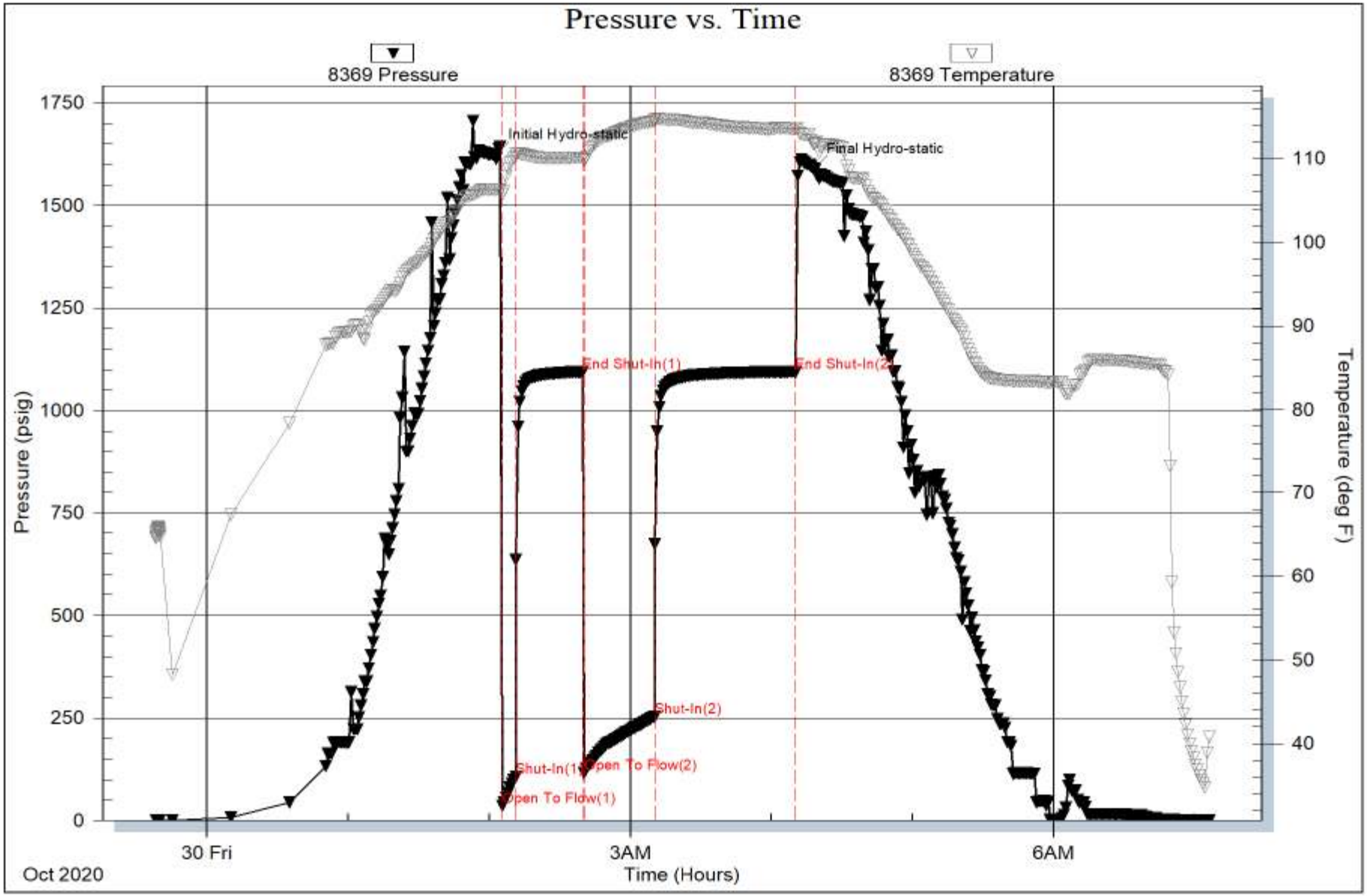
Recovery Table

Length ft	Description	Volume bbl
365.00	HWCM 38%W & 62%M	1.795
165.00	VSWCM 4%W & 96%M	2.315

Total Length: 530.00 ft Total Volume: 4.110 bbl

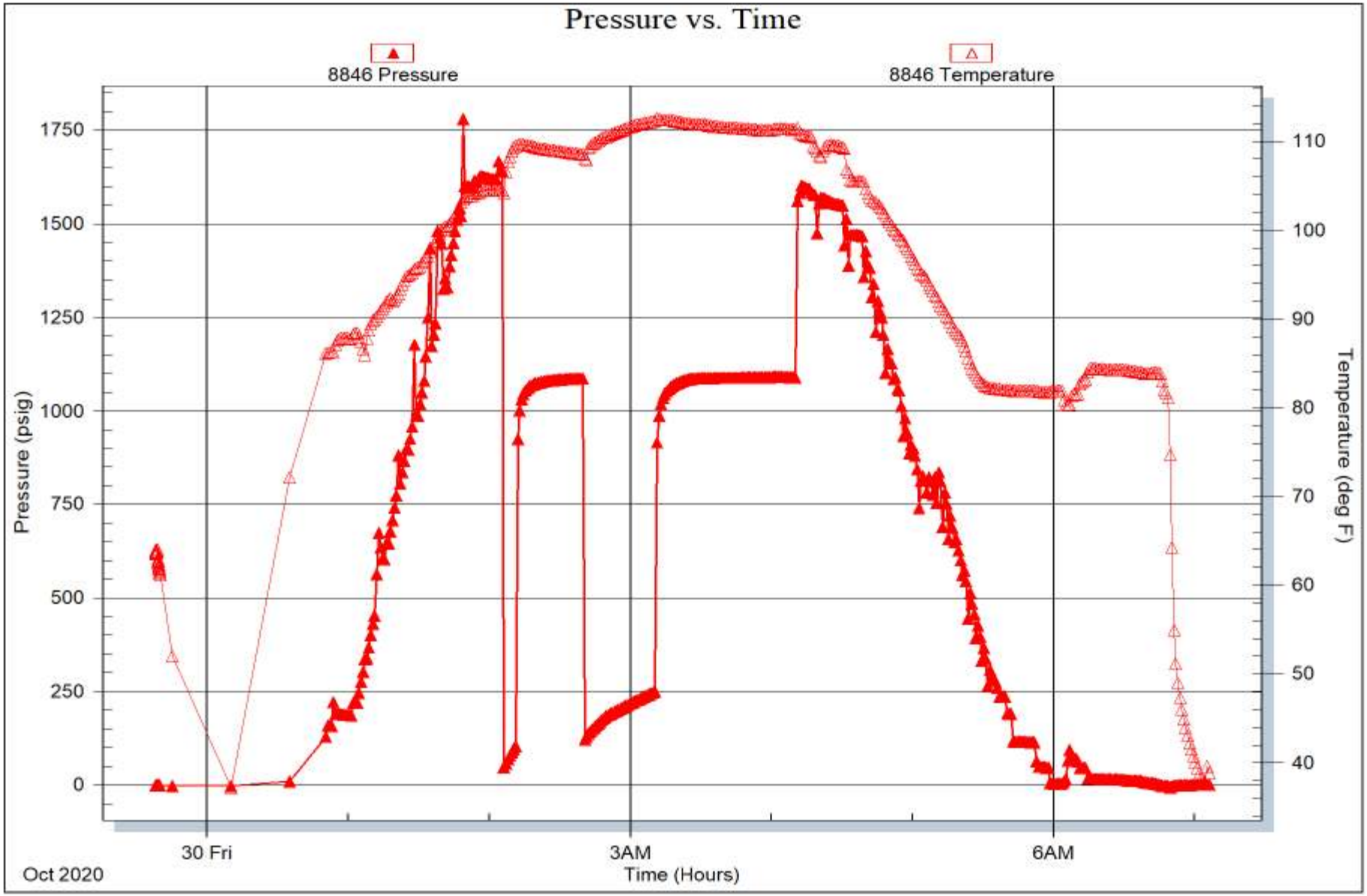
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8369 **Outside** Norstar Petroleum, Inc. Bdridge Trust #1-32 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 66613 Printed: 2020.11.02 @ 14:25:09

Serial #: 8846 **Inside** Norstar Petroleum, Inc. Bdridge Trust #1-32 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 66613 Printed: 2020.11.02 @ 14:25:09

Test Ticket 66611

NO.

TRILOBITE TESTING INC.
1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Eldridge Trust H 1-32 Test No. 1 Date 10-28-2020
Company Norstar Petroleum, Inc. Elevation 1478 KB 1466 GL
Address 88 Inverness Cir E Unit F104 Englewood, CO 80112-5514
Co. Rep / Geo. Brady Pfeiffer / Brad Rine Rig Lighthouse Drilling #1
Location: Sec. 32 Twp 14S Rge. 10E Co. Wabaunsee State KS

Interval Tested 3267-3277 Zone Tested Viola Mud Wt. 9.0
Anchor Length 10' Drill Pipe Run 2947 Vis 48
Top Packer Depth 3267 Drill Collars Run 305 WL 8.8
Bottom Packer Depth 3267 Wt. Pipe Run 0 LCM
Total Depth 3277 Chlorides 1120 ppm System

Blow Description IF- Strong blow throughout IFP Continuing to Build to 53in.
FF- Strong blow throughout FFP Continuing to build to 307 inches

Rec 1550	Feet of Clean Water	%gas	%oil	100 %water	%mud
Rec 200	Feet of HWCM	%gas	%oil	45 %water	55 %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1750 BHT Gravity API RW 1.05 @ 64 °F Chlorides 7500 ppm

(A) Initial Hydrostatic	1569	☑ Test 1200	T-On Location 1900
(B) First Initial Flow	150	☑ Jars 250	T-Started 2151
(C) First Final Flow	326	☑ Safety Joint 75	T-Open 0028
(D) Initial Shut-In	1050	☐ Circ Sub	T-Pulled 0258
(E) Second Initial Flow	352	☐ Hourly Standby	T-Out 0810
(F) Second Final Flow	811	☑ Mileage 300 RT300	Comments
(G) Final Shut-In	1053	☐ Sampler	
(H) Final Hydrostatic	1516	☐ Straddle	☑ EM Tool 350
		☐ Shale Packer	☐ Ruined Shale Packer
Initial Open	5	☐ Extra Packer	☐ Ruined Packer
Initial Shut-In	30	☐ Extra Recorder	☐ Extra Copies
Final Flow	30	☐ Day Standby	Sub Total 0
Final Shut-In	85	☐ Accessibility	Total 1825
		Sub Total 1825	MP/DST Disc't

Approved By Brad Rine Our Representative

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66612

NO.

Well Name & No. Eldridge Trust #1-32 Test No. 2 Date 10-29-2020

Company Norstar Petroleum Inc. Elevation 1478 KB 1466 GL

Address 85 Inverness Cir E. Unit F 104 Englewood, CO 80112-5514

Co. Rep / Geo. Brady Pfeiffer / Brad Rine Rig Lighthouse Drilling #1

Location: Sec. 32 Twp 14S Rge. 10E Co Washington State KS

Interval Tested 3358-3380 Zone Tested Simpson Sand

Anchor Length 22' Drill Pipe Run 2976 Mud Wt 9.2

Top Packer Depth 3353 Drill Collars Run 365 Vis 49

Bottom Packer Depth 3358 Wt. Pipe Run 0 WL 6.8

Total Depth 3380 Chlorides 1200 ppm System LCM

Blow Description IF- Surface blow throughout FFP

FF- Weak blow building to 1 1/2 inches FFP

Rec 190	Feet of Drilling Mud	%gas	%oil	%water	100	%mud
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 190 BHT 113 Gravity ____ API RW ____ @ ____ °F Chlorides ____ ppm

(A) Initial Hydrostatic	1629	☑ Test	1200	T-On Location	0850
(B) First Initial Flow	24	☑ Jars	250	T-Started	1006
(C) First Final Flow	32	☑ Safety Joint	75	T-Open	1217
(D) Initial Shut-In	1096	☐ Circ Sub		T-Pulled	1517
(E) Second Initial Flow	33	☐ Hourly Standby		T-Out	1730
(F) Second Final Flow	108	☑ Mileage	54 RT 54	Comments	
(G) Final Shut-In	1096	☐ Sampler			
(H) Final Hydrostatic	1594	☐ Straddle		☑ EM Tool	350
		☐ Shale Packer		☐ Ruined Shale Packer	
Initial Open	5	☐ Extra Packer		☐ Ruined Packer	
Initial Shut-In	30	☐ Extra Recorder		☐ Extra Copies	
Final Flow	45	☐ Day Standby		Sub Total	0
Final Shut-In	100	☐ Accessibility		Total	1579
		Sub Total	1579	MP/DST Disc't	

Approved By Brad Rine Our Representative Jimmy Richetti

Test Ticket 66613

NO.

TRILOBITE TESTING INC.
1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Eldridge Trust #1-32 Test No 3 Date 10-30-2020
Company Norstar Petroleum, Inc. Elevation 1478 KB 1466 GL
Address 88 Inverness Cir. E, Unit F104 Englewood, CO 80112-5514
Co. Rep / Geo. Brady Pfeiffer/Brad Rine Rig Lighthouse Drilling #1
Location: Sec. 32 Twp 14S Rge. 10 E Co. Wabaunsee State KS

Interval Tested 3358-3385 Zone Tested Simpson Sand
Anchor Length 27 Drill Pipe Run 2976 Mud Wt. 9.2
Top Packer Depth 3353 Drill Collars Run 365 Vis 48
Bottom Packer Depth 3358 Wt. Pipe Run 0 WL 6.8
Total Depth 3385 Chlorides 1200 ppm System LCM

Blow Description IF- Weak blow building to 9 inches IFP
FF- Weak blow building to strong blow 10 mins into FFP
continuing to build to 32 inches.

Rec 365	Feet of HWCM	%gas	%oil 38	%water 62	%mud
Rec 165	Feet of VSWCM	%gas	%oil 4	%water 96	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 530 BHT 114 Gravity ____ API RW 1.29 @ 38 °F Chlorides 8500 ppm

(A) Initial Hydrostatic 1622	☑ Test 1200	T-On Location 2230
(B) First Initial Flow 36	☑ Jars 250	T-Started 2338
(C) First Final Flow 108	☑ Safety Joint 75	T-Open 0305
(D) Initial Shut-In 1094	☐ Circ Sub	T-Pulled 0410
(E) Second Initial Flow 116	☐ Hourly Standby	T-Out 0700
(F) Second Final Flow 254	☑ Mileage 54 RT 60	Comments
(G) Final Shut-In 1095	☐ Sampler	
(H) Final Hydrostatic 1588	☐ Straddle	☑ EM Tool 350
	☐ Shale Packer	☐ Ruined Shale Packer
Initial Open 5	☐ Extra Packer	☐ Ruined Packer
Initial Shut-In 30	☐ Extra Recorder	☐ Extra Copies
Final Flow 30	☐ Day Standby	Sub Total 0
Final Shut-In 60	☐ Accessibility	Total 1579
	Sub Total 1579	MP/DST Disc't

Approved By Brad Rine Our Representative Jimmy Robertson

810 E 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561

ELITE
CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. **5318**
Foreman Russell McCoy
Camp Eureka

API 15-177-20317-00-00

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
10-23-20	1398	Eldridge Trust 1-32	32	14	1E	Wabaunsee	KS

Customer	Safety Meeting
Norstar Petroleum Inc.	RM Alan Zevi
Mailing Address	
88 Inverness Cir E. Unit F 104	
City / **State** / **Zip Code**	
Englewood / CO / 80112+5514	

Unit #	Driver	Unit #	Driver
104	Alan M		
113	Zevi		
128	Russell		

Job Type Surface
Casing Depth 316 KB
Casing Size & Wt. 8 5/8
Displacement 18 3/4

Hole Depth 320'
Hole Size 12 1/4
Cement Left in Casing 20 +/-
Displacement PSI 75#

Slurry Vol. 44 Bbl
Slurry Wt. 15#
Water Gal/SK 6.5
Bump Plug to

Tubing
Drill Pipe
Other
BPM 5

Remarks: Safety meeting, Rig to 8 5/8 casing, Break Circulation w/ 5 Bbl water mix + Pump 180 sks Reg Cement 3% CC 2% Gel 1/4# Flosele = 44 Bbl Slurry @ 15# Displace w/ 18 3/4 Bbl water. 9 Bbl Good cement Returns to Surface. Close casing in. Job complete, Tear Down.

Thank You
Russell McCoy

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C-101	1	Pump Charge	890.00	890.00
C-107	70	Mileage x	4.20	294.00
C-200	180	Class A Cement	15.95	2,835.00
C-205	510#	# CaCl = 3%	.63	321.30
C-206	340#	Gel = 2%	.21	71.40
C-209	45#	Flosel = 1/4# Per/sk	2.35	105.75
C-108R	8.46	Ton mileage	1.40	829.08
			Sub Total	5,346.53
			-5%	280.66
			Sales Tax	264.68
			Total	5,332.55

Authorization Okel by Brady Pfeffer Title Co/Rep.

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561

ELITE
CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. **5296**
Foreman Kevin McCoy
Camp Eureka

API # 15-197-20317-00-00

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
10-31-20	1398	Eldridge Trust #1-32	32	14S	10E	Wabaunsee	KS

Customer: Norstar Petroleum, Inc.
Mailing Address: 88 Inverness Cir E. unit F104
City: Englewood | State: Co. | Zip Code: 80112-5514

Safety Meeting: KM AM ZA

Unit #	Driver	Unit #	Driver
104	Alan M.		
110	Zevi A.		

Job Type: P.T.A. new well
Hole Depth: 3440'
Hole Size: 7 7/8"
Cement Left in Casing:
Displacement:
Displacement PSI:
Slurry Vol.:
Slurry Wt.:
Water Gal/SK:
Bump Plug to:
Tubing:
Drill Pipe: 4½
Other:
BPM:
Casing Depth:
Casing Size & Wt.:

Remarks: Safety Meeting: Rig up to 4½ Drill pipe, Spot Cement Plugs as Following.

15 sks @ 3260'
15 sks @ 1600'
115 sks 350' to Surface
30 sks R.H.
20 sks M.H.

195 sks Total

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 103	1	Pump Charge	1100.00	1100.00
C 107	70	Mileage	4.20	294.00
C 203	195 sks	60/40 Pozmix Cement	13.40	2613.00
C 206	670 #	4% Gel	.21 #	140.70
C 108 B	8.39 Tons	Ton Mileage 70 miles	1.40	822.22
			Sub Total	4969.92
		Thank You	Less 5%	259.51
		8%	Sales Tax	220.30
			Total	4930.71

Authorization: By Charlie Coulter
Title: Lighthouse Drlg Toolpusher

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