

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | Russell Oil, Inc. |
| Well Name | THOMAS TRUST 28-1 |
| Doc ID | 1681040 |

Tops

| Name | Top | Datum |
|----------------|------|-------|
| Anhydrite | 2284 | 579 |
| Base Anhydrite | 2304 | 559 |
| Topeka | 3547 | -684 |
| Heebner | 3775 | -912 |
| Toronto | 3794 | -931 |
| Lansing | 3820 | -957 |
| Muncie Creek | 3985 | -1122 |
| Stark Shale | 4073 | -1210 |
| Hushpuckney | 4114 | -1251 |
| Base KC | 4142 | -1279 |
| Marmaton | 4182 | -1319 |
| Pawnee | 4280 | -1417 |
| Myrick Station | 4311 | -1448 |
| Ft Scott | 4333 | -1470 |
| Cherokee Sh | 4365 | -1502 |
| Johnson | 4406 | -1543 |
| Morrow Sh | 4454 | -1591 |
| Mississippi | 4500 | -1637 |
| RTD | 4571 | -1708 |
| LTD | 4574 | -1711 |

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
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| Well Name | THOMAS TRUST 28-1 |
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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 | 348 | H-325 | 240 | na |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

WELL INFORMATION

Company: RUSSELL OIL, INC.
Address: P.O. BOX 8050
EDMOND, OK 73083

Well Name: THOMAS TRUST 28-1

Location: 1105 FNL & 1450 FWL
SECTION 28 - T14S - R33W
LOGAN COUNTY, KANSAS

API: 15-109-21659
Field: WILDCAT

K. B. Elevation: 2863 Rotary Depth: 4571
Ground Elevation: 2858 Log Depth: 4574

Spud Date: 11/21/2022 Drilling Completed: 11/30/2022

Completion: D&A
Surface Casing: 8 5/8" set @ 348' Production Casing: NONE

Formation at TD: MISSISSIPPIAN
Drilling Fluid Type: CHEMICAL

Rig Contractor: MURFIN RIG # 102
Logger: MIDWEST WIRELINE Logs Run: DI, CND & MICRO

Wellsite Geologist: LARRY P. FRIEND

FORMATION DEPTHS

COMPARED TO:
RAYMOND OIL CO., INC.
DOOLIN FARMS #1
SW-SE SEC 28-T14S-R33W

| FORMATION | SAMPLE (CORRECTED) | LOG | |
|--------------|-----------------------|--------------|-----|
| ANHYDRITE | 2282 (+581) | 2284 (+579) | +6 |
| BASE | 2303 (+560) | 2304 (+559) | +7 |
| TOPEKA | 3547 (-684) | 3547 (-684) | +23 |
| HEEBNER SH. | 3774 (-911) | 3775 (-912) | +22 |
| LANSING | 3819 (-956) | 3820 (-957) | +24 |
| MUNCIE CRK | 3985 (-1122) | 3985 (-1122) | +24 |
| STARK SH. | 4072 (-1209) | 4073 (-1210) | +25 |
| MARMATON | 4182 (-1319) | 4182 (-1319) | +29 |
| ALTAMONT A | 4209 (-1346) | 4208 (-1345) | +25 |
| PAWNEE | 4279 (-1416) | 4280 (-1417) | +31 |
| FT. SCOTT | 4331 (-1468) | 4333 (-1470) | +34 |
| CHEROKEE SH. | 4362 (-1499) | 4362 (-1499) | +33 |
| JOHNSON ZN | 4405 (-1542) | 4406 (-1543) | +33 |
| MORROW SH. | 4468 (-1605) | 4464 (-1601) | |
| MORROW SAND | NA | NA | NA |
| MISSISSIPPI | 4509 (-1646) | 4500 (-1637) | +57 |

SAMPLE TOPS HAVE BEEN CORRECTED DOWNHOLE 31 FT. SEE NOTE BELOW.
A FEW OF THE SAMPLE TOPS BEEN CORRECTED CORRELATING DRILLTIME TO LOG TO MAKE THIS
REPORT A BETTER TOOL FOR FUTURE CORRELATION.

NOTES

THE DRILLING CREW MISTAKENLY THOUGHT THAT THEY HAD ADDED AN EXTRA JOINT IN THE PIPE TALLY
AND DECIDED TO ADJUST THE GEOLOGRAPH 31 FT. UPHOLE. THEY DID NOT INFORM US OF THIS CHANGE.

LATER I VISITED WITH THE DRILLER REGARDING A PIPE STRAP AT 3367. I WAS THEN TOLD OF THEIR
ADJUSTMENT AND REALIZED THAT THIS STRAP PROVED THAT THIS ADJUSTMENT WAS A MISTAKE.
ANOTHER PIPE STRAP AT 4044 ALSO CONFIRMED THIS.

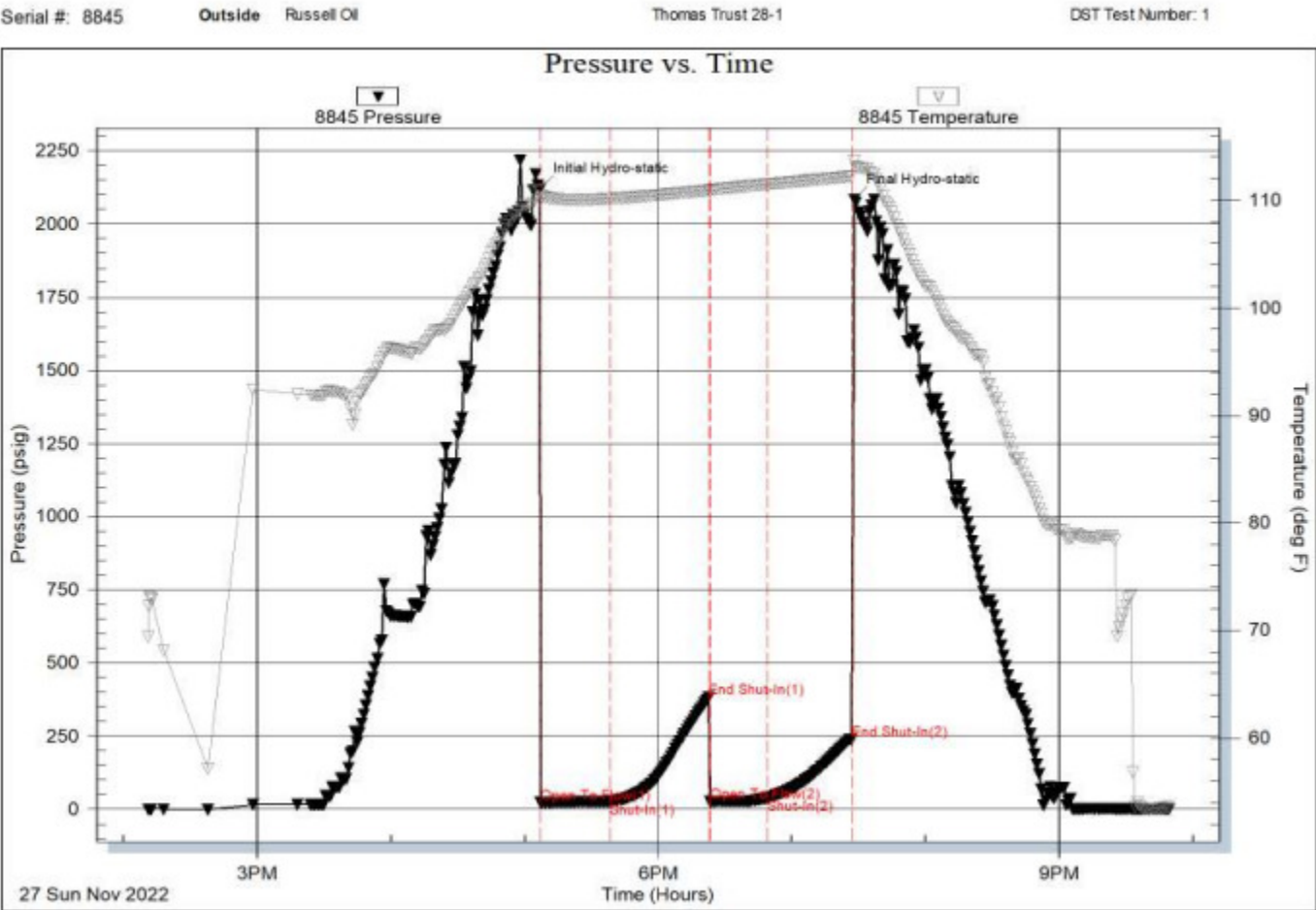
IT WAS DECIDED TO LEAVE THE GEOLOGRAPH WHERE IT IS UNTIL TD SINCE THIS WOULD THROW OFF ALL
OF THE DRILL TIME.

WE ARE CONSEQUENTLY ADDING 31 FT TO ALL OF THE SAMPLE TOPS, TESTS AND RTD.
LPF

DRILLSTEM TESTS

| No | Interval | Formation |
|----|-------------|--------------|
| 1 | 4187 - 4220 | ALTAMONT A |
| 2 | 4377 - 4425 | JOHNSON ZONE |

DST #1: 4187 - 4220, (Corrected) , ALTAMONT "A", REC 5 FT. DRLG MUD, NS; SIP 382-239#

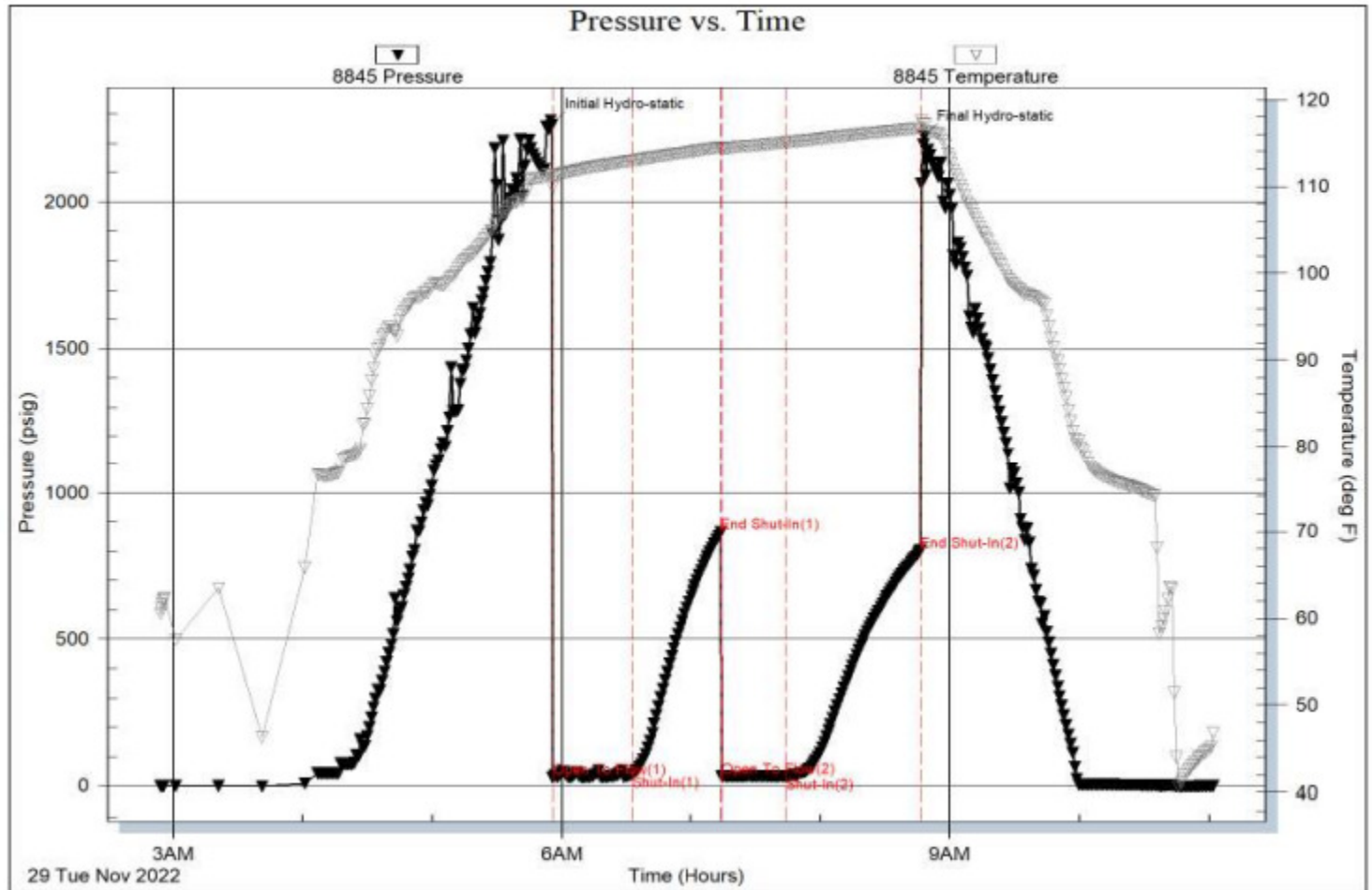


Serial #: 8845

Outside Russell Oil

Thomas Trust 28-1

DST Test Number: 2

**ROCK TYPES**

| | | | | | | | | | |
|--|---------|--|-----------|--|-----------|--|-------|--|-----------|
| | Clystgy | | Dolsec | | Lmst fw7> | | Shcol | | Ool grnst |
| | Coal | | Lmst fw<7 | | Shgy | | Sltst | | |

ACCESSORIES**MINERAL**

- ▲ Chert, dark
- △ Siliceous
- Silty
- △ Chert White

FOSSIL

- Oolites

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

INTERVALS

- Core
- DST

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

Curve Track #01

ROP (min/ft)

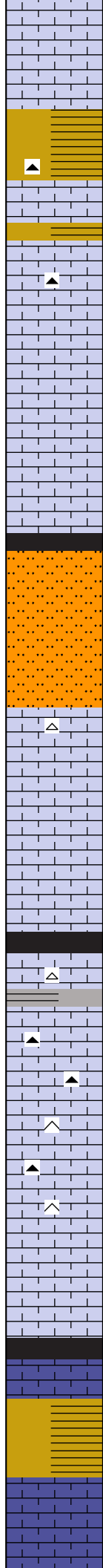
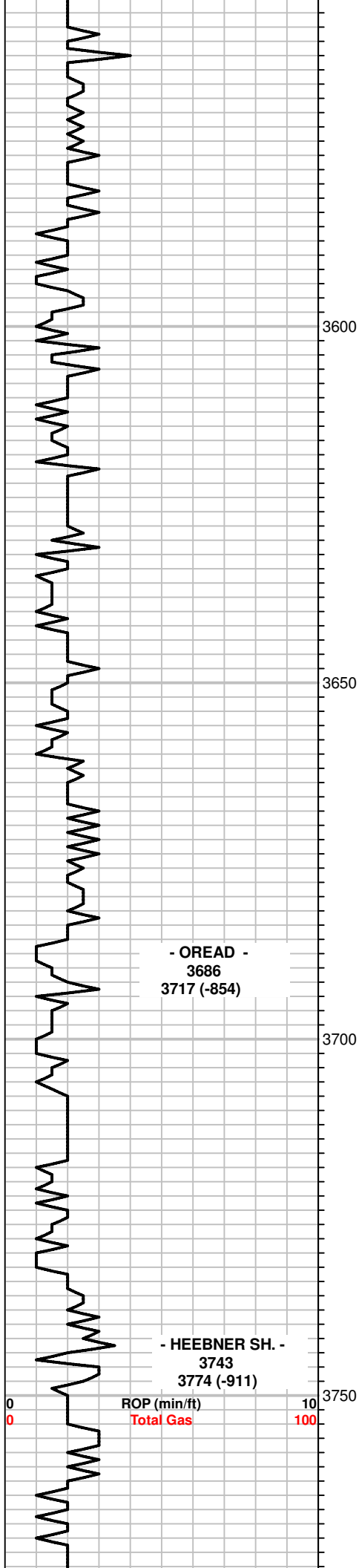
Total Gas

Depth | Intervals

Interpreted Lithology

Oil Shows

| | Cored Interval | DST Interval | In | O | Geological Descriptions | Comment |
|--|----------------|--------------|----|---|-------------------------|---|
| <div style="text-align: right;">1:240 Imperial</div> <div style="float: left; width: 60%;"> <p>ROP (min/ft) Total Gas</p> <p>- ANHYDRITE - 2282 (+581)</p> <p>- BASE - 2303 (+560)</p> <p>- TOPEKA - 3516 3547 (-684)</p> </div> <div style="float: right; width: 35%; text-align: center;"> <p>3400</p> <p>3450</p> <p>3500</p> <p>3550</p> </div> <div style="clear: both;"></div> | | | | | | <p>* SEE NOTE ABOVE REGARDING DRILLING DEPTHS.</p> <p>7:00 AM DEPTHS: 11/16/22: MOVE IN & RIG UP 11/21/22: SPUD @ 4PM, SET SURFACE 11/22/22: 348' WOC 11/23/22: 1500' 11/24/22: 2925, MUD UP @ 3304, BIT TRIP @ 3367 11/25/22: 3461' (CORRECTED) 11/26/22: 3999' (CORRECTED) RUN WIPER TRIP AT 4014; RUN A 2ND PIPE STRAP AT 4075 11/27/22: 4211 (CORRECTED) RUN DST #1 11/28/22: 4276 (CORRECTED) 11/29/22: 4425 RUN DST #2 11/30/22: 4571 RTD CORRECTED</p> <p>DEVIATION SURVEYS: CORRECTED DEPTHS 1.25 DEGREE @ 348' MISRUN - @ 3398 1.00 DEGREE @ 4187 1.00 DEGREE @ 4540</p> <p>DRILLING MUD @ 3494: WT: 8.6 VIS: 50 FILTRATE 7.2 CHLORIDES 3,500 LCM .5#</p> <p>PROBLEMS WITH THE SAMPLE BOX - 1ST SMP 3540</p> <p>NOTE: FOR EACH FORMATION TOP, THE CORRECTED DEPTH IS BELOW THE STATED DEPTH. SEE NOTE ABOVE REGARDING DRILLING DEPTHS.</p> <p>40: LS, TAN, VFXLN, PR. POR; TR. LS TAN, V. FOSS, PR-FR, INTERGRAN. POR; SHALE RED, GRY; NS</p> <p>50: AS ABOVE.</p> <p>60: MOSTLY TAN - BRN, FN GRAN. LS, TR. V. FOSS, PR-FR, INTERGRAN. POR; TR. SHALE GRY, MAROON; NS</p> <p>70: "DIRTY" , DK GRY-BRN, GRAN. LS, PR. POR; SHALE, GRY, MAROON; NS</p> |



80: LS, TAN-BRN, FN GRAN, PR-FR INTERGRAN POR; SHALE, GRY; NS

90: LS AS ABV; SHALE, LT. GRY - MAR00N, SOFT & STICKY; NS

100: GRAN. LS AS ABV, PR-FR POR; SHALE AS ABV; TR. CHERT, CRM, BRN, SHP; NS

10: LS, TAN-LT. BRN, VF-FXLN, PR. POR; SOME GRAN. LS AS ABV; SH. GRY; NS

20: LS, TAN-BRN, FN GRAN. MOSTLY HARD W/ PR. VIS. POR; TR. BRN CHERT; NS

30: LS, TAN-BRN, FN GRAN, SLI. FOSS, PR-FR INTERGRAN. POR; TR. SHALE, GRN; NS

40: LS, CRM, SOFT, CHLKY & LS, TAN, FXLN TO FN GRAN, PR. POR; TR. DK GRY - BLK SHALE; NS

50: BLACK SHALE & GRY LMY SILTSTN.

60: DULL REDISH SHALE & SHLY SILTSTN; TR "DIRTY" CSE GRAN.DETRITAL LS; NS

70: SILTSTN, GRY - RED, SHLY & LMY; & RED SHALE

80: LS, TAN, FN GRAN, SLI. FOSS, PR-TR. FR INTERGRAN. POR; TR. CRM CHERT; NS

90: RED SHALE; TR. GRY HD, LMY SILTSTN & LS AS ABV; NS

100:LS, GRY-BRN, VFXLN, DSE & GRAN. LS AS ABV; SHALE, GREEN; NS

10: LS, CRM SOFT, CHLKY & LS, TAN, FN GRAN, SLI CHLKY, PR-FR INTERGRAN. POR NS

20: DOL. LS, TAN, FXLN, HD w/ TR. FR XLN POR; CHERT, CRM SHP; NS

30: LS, TAN, FN GRAN, HD, SLI. SILICEOUS & SM. AMT. CHERT, GRY, SHP; NS

40: TR. LS, TAN, VF-FXLN, PR. POR; & LS, GRAN, HD, CHTY AS ABV W/ PR-FR POR; LT. GRY STICKY CLAY; NS

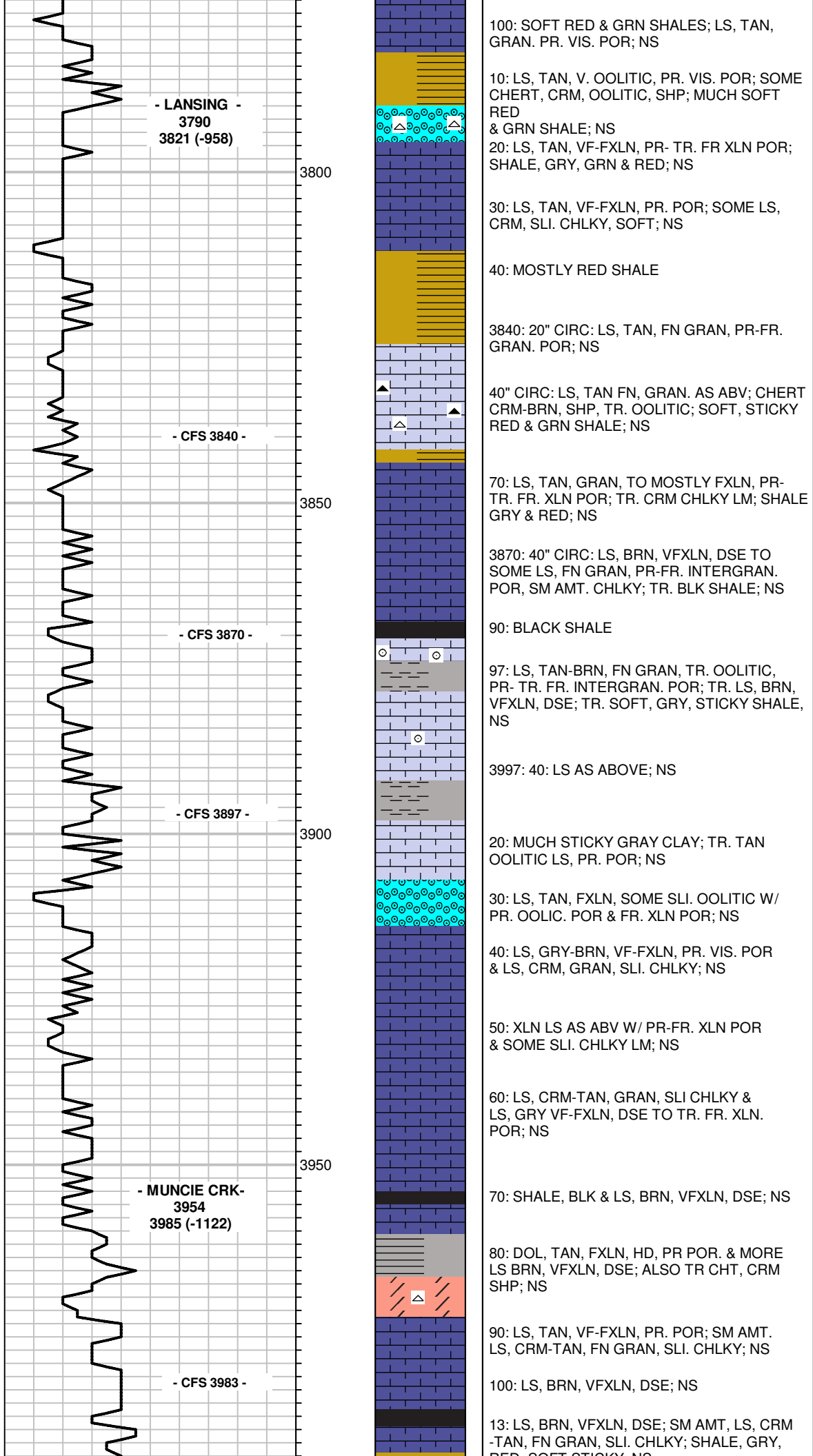
50: TAN-BRN, GRAN. LS, SM SLI. CHTY, HARD TO SM SOFT W/ FR. POR; TR. CHT; NS

60: NO SAMPLE

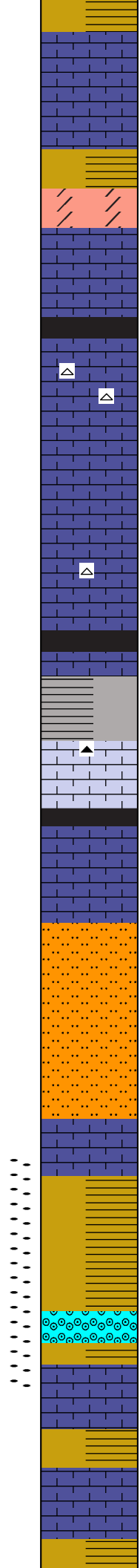
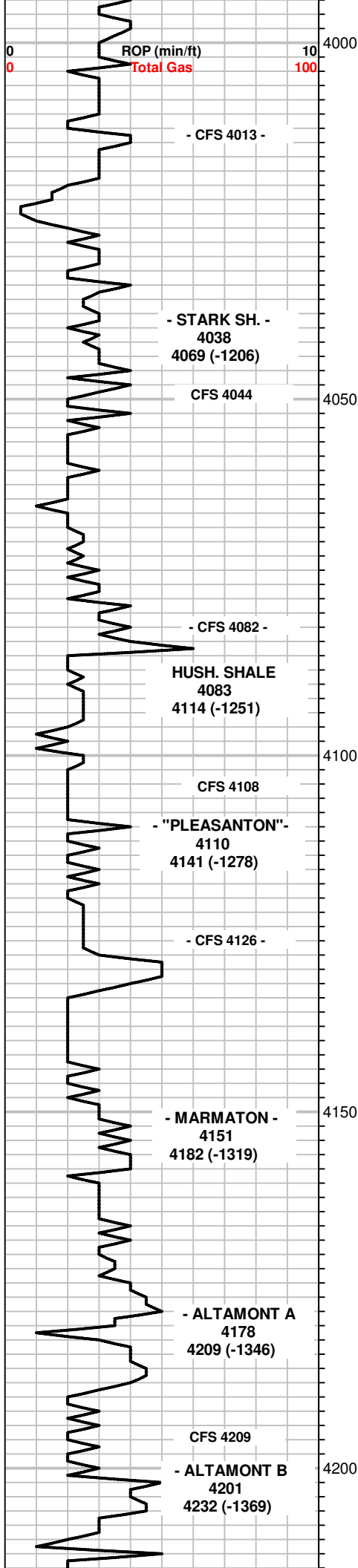
70: NO SAMPLE

80: TR. BLK SHALE; & LS BRN VFXLN, DSE & LS, FN GRAN W/ PR-FR. INTERGRAN POR; NS

90: LS, BRN, FXLN, DSE; TR. BLK SHALE & SOME GRY & GRN SHALE; NS



DRILLING MUD @ 3983:
WT: 8.8
VIS: 52
FILTRATE 8.0
CHLORIDES 3,900
LCM 1#



RED, SOFT STICKY; NS

4013: 40": LS, TAN, FXLN, FOSS W/ PR - TR. FR. XLN POR; SM AMT LM, CRM-TAN GRAN, SLI. CHLKY; NS

44: DOL, TAN, FXLN, MOSTLY PR VIS. POR TO TR. FR. XLN. POR; NS

4044: CIRC: LS, BRN, VFXLN, DSE AND BLACK SHALE; NS

70: SM. AMT. CHERT, CRM-GRY, OOL. - FOSS, SHP; CRM, CHLKY LM & LS, BRN VFXLN, DSE; NS

80: LS, BRN, VFXLN, DSE TO MORE LM, FN GRAN, SLI. CHLKY & SM. AMT. SLI. SHLY NS

4082: CIRC: LS, TAN-BRN, VFXLN, DSE & LS, CRM. SLI. CHLKY; TR. CHERT, CRM-GRY, SHP; NS

100: MUCH BLK SHALE

4108:10" CIRC: LS, BRN, VFXLN, DSE & LT GRY,SOFT STICKY LM; NS

4108: 40": TR. GRY CHERT, SHP; MOSTLY LS, FN GRAN, PR- TR. FR. INTERGR. POR; & LS, CRM, SOFT, SLI CHLKY; NS, NF

26: BLK SH. & LS DK BRN, VFXLN, DSE; NS

4126: CIRC: MOSTLY LS, BRN, VFXLN, DSE & SOFT STICKY CRM- LT. GRY LM; 1 PC W/ PR. GILSONITIC TYPE STN; NF, NC

50: V. SOFT, STICKY & SLI. LMY MAROON & LT. GRY SHLY SILTSTN.

60: SILTSTN AS ABV.

70: LS, BRN, VFXLN, V. SLI. FOSS, PR. POR TO SOME WEATHERED SLI. CHLKY; NS

80: SLI. LMY SHALE, SOFT, STICKY, RED MAROON, LT. GRY

89: LS, CRM, XLN, V. OOLITIC, PR. XLN POR; & LS AA, BRN, VFXLN PR. POR; NS

4189: CIRC: LS, TAN, XLN, V. OOL/ FOSS. (FOSS. HASH), PR-FR. INTER-FOSS. XLN POR; NS

09: SHALE, VARY COL; LS, BRN, VFXLN, DSE, SM. AMT. WEATHERED, SLI. CHLKY; NS

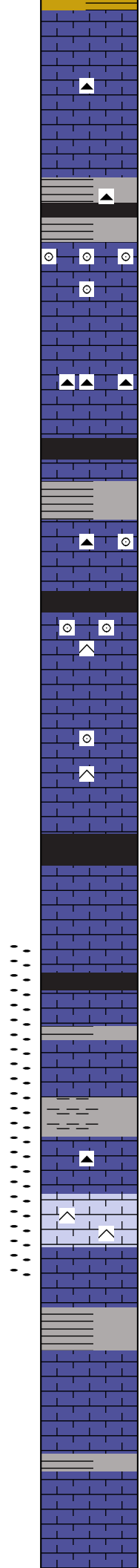
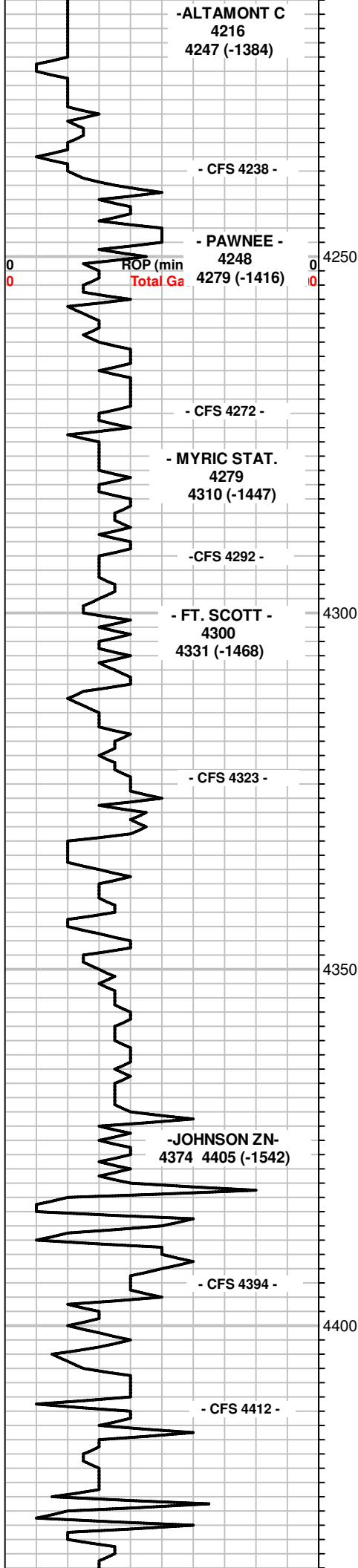
4209: CIRC: LS, AS ABV, TAN-BRN, VFXLN DSE TO TR. PR. XLN POR; NS

38: TR. GRY LMY SILTSTN & LS, BRN, VFXLN, DSE; TR. GRAN LM, SLI. FOSS,

PIPE STRAP @ 4040 (4071
ACTUAL DEPTH:
BOARD: 4093.89
STRAP: 4093.25
.64' SHORT

DST #1: 4156 - 4189
CORRECTED = 4187 - 4220
ALTAMONT "A"
TIMES: 30-45-15-45
1ST FLOW: BLOW BLT TO .5"
2ND FLOW: NO BLOW
REC: 5 FT. DRLG MUD, NS
IFP: 22-26#, FFP: 26-39#
SIP: 382-239#
TEMP: NA

DRILLING MUD @ 4189:
WT: 9.3
VIS: 56
FILTRATE: 8.0
CHLORIDES 4,100
LCM: 2#



PR. POR.; NS

4238: 20": LS, TAN-BRN, VF-FXLN, PR. - TR. FR. XLN POR, SOME SLI. CHLKY; TR. CHT GRY-BRN SHP; NS

4238: 40" & 60": LS, GRY-BRN, VFXLN, DSE & SOFT, CRM, CHLKY LM; NS

60: BLK SHALE; GRY, SHLY SILTSTN & CHT, GRY, CRM; NS

70 & 4272: 20" CIRC: SM. AMT. LS, FXLN, V. OOLITIC/ FOSS, W/ PR. XLN POR; MOSTLY LS, BRN, VFXLN, DSE TO SOME WEATH. CRM, SLI. CHLKY; NS, NF

4272: 40" & 60": LS, DK BRN, VFXLN, DSE; DK GRY & DK BRN CHERT, SHP; TR. BLK SHALE; V. SLI. ODOR- BELIEVED TO BE FROM BLK SHALE; NS, TR. MINERAL FL; NC

92: BLK SH. & DK BRN VFXLN LS, DSE; NS

4292: CIRC: LS, TAN-BRN, VFXLN, DSE, R. TR. OOLITIC W/ PR. XLN POR. & TR. SOFT CRM CHALK; TR, CHT; NS, NF

10: BLK SH. & LS, BRN VFXLN, DSE TO SOME WEATH. SLI. CHLKY

23: LS, BRN, VFXLN, DSE, TR. V. OOLITIC W/ PR-FR. XLN POR & TR, V. OOL. CHTY LS HD W/ PR. POR; NS

4323 CIRC: LS, AA, BRN, VFXLN, DSE TO TO SOME CRM CHLKY LM; TR. OOL. CHTY LS AA W/ NO VIS. POR; NS, NF

40: BLK SH; TR. LMY GRY SILTSTN; TR. CHT.

50: BLK SH; LS, DK BRN, VFXLN, DSE, TR. FOSS W/ PR. XLN POR; GRY LMY CLAY; NS

60: LS AA, BRN, VFXLN, DSE, TR. OOL. W/ PR. XLN POR & LS, CRM CHLKY; NS

70: LS, TAN-BRN, VFXLN, DSE, TR. FOSS W/ PR. XLN POR; SM CHLKY LM; SH. BLK & GRY; NS

80: GRY & LT. GRN, STICKY LMY CLAY

90: LS, BRN - DK BRN, VFXLN, DSE, SM GRAN. CRM. CHLKY; TR. BRN CHT; NS

4394: 20": CHERTY LS, TAN, FN GRAN, HD NO VIS. POR; NS, NF

4394: 40" & 60": DSE BRN LS AS ABV TO SOME CRM, SLI CHLKY LM; 1 PC DSE LM W/ TR. GIL. STN ON FRAC. SURF; NF, NC

12: GRY & BLK SH; TR PYRITE & CHT

4412 CIRC: MOSTLY LS, BRN VFXLN, DSE TO TR. PR. XLN POR; SM. AMT. LS, TAN FN GRAN, SOME CHLKY; NS

30: LS, AS ABV; VARY COL. SH, SOFT; NS

40 & 47: LS, BRN, DSE & SOME GRAN, SLI CHLKY; TR. GRY, TITE SILTSTN; NS

4447: 20" POOR SMP: ONLY SOFT, STICKY & SILTY, GRY SHALE.

DRILLING MUD @ 4267:
WT: 9.3
VIS: 48
FILTRATE 8.8
CHLORIDES 4,500
LCM: 2#

DST #2: 4346 - 4394
CORRECTED = 4377 - 4425
JOHNSON ZONE
TIMES: 30-45-30-60
IF: 1/2" BLOW
FF: NO BLOW
REC: 5' DRLG MUD, NS
IFP: 27-403, FFP: 31-32#
SIP: 865-802#
TEMP: 117 F

DRILLING MUD @ 4394:
WT: 9.4
VIS: 72
FILTRATE 9.6
CHLORIDES 5,000
LCM: 2#



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil

28 14s 33w Logan, Ks

PO Box 8050
Edmond, Ok 73083

Thomas Trust 28-1

Job Ticket: 69457

DST#: 1

ATTN: Larry Friend

Test Start: 2022.11.27 @ 14:11:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:07:00

Time Test Ended: 21:49:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: **4187.00 ft (KB) To 4220.00 ft (KB) (TVD)**

Total Depth: 4220.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2863.00 ft (KB)

2858.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8845** Outside

Press@RunDepth: 39.06 psig @ 4188.00 ft (KB)

Start Date: 2022.11.27

End Date:

2022.11.27

Start Time: 14:11:05

End Time:

21:49:14

Capacity: 8000.00 psig

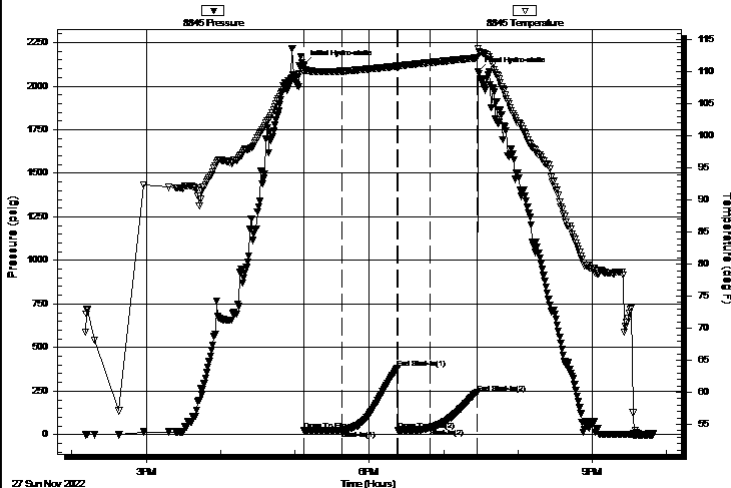
Last Calib.: 2022.11.27

Time On Btm: 2022.11.27 @ 17:06:45

Time Off Btm: 2022.11.27 @ 19:27:45

TEST COMMENT: IF: 1/2" blow .
IS: No return.
FF: No blow .
FS: No return, 30-45-15-45

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2121.47 | 110.85 | Initial Hydro-static |
| 1 | 22.79 | 109.97 | Open To Flow (1) |
| 32 | 26.18 | 110.11 | Shut-In(1) |
| 76 | 382.23 | 110.90 | End Shut-In(1) |
| 77 | 26.01 | 110.81 | Open To Flow (2) |
| 103 | 39.06 | 111.45 | Shut-In(2) |
| 141 | 239.47 | 112.19 | End Shut-In(2) |
| 141 | 2084.26 | 113.66 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | Mud 100m | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil

28 14s 33w Logan, Ks

PO Box 8050
Edmond, Ok 73083

Thomas Trust 28-1

Job Ticket: 69457

DST#: 1

ATTN: Larry Friend

Test Start: 2022.11.27 @ 14:11:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:07:00

Time Test Ended: 21:49:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 4187.00 ft (KB) To 4220.00 ft (KB) (TVD)

Total Depth: 4220.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2863.00 ft (KB)

2858.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8319 Inside

Press@RunDepth: psig @ 4188.00 ft (KB)

Start Date: 2022.11.27

End Date:

2022.11.27

Start Time: 14:11:05

End Time:

21:49:14

Capacity: 8000.00 psig

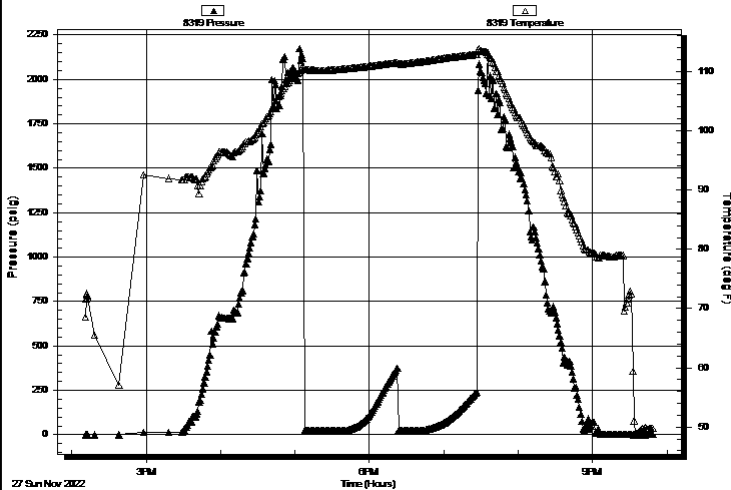
Last Calib.: 2022.11.27

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/2" blow .
IS: No return.
FF: No blow .
FS: No return, 30-45-15-45

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | Mud 100m | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil

28 14s 33w Logan, Ks

PO Box 8050
Edmond, Ok 73083

Thomas Trust 28-1

Job Ticket: 69457

DST#: 1

ATTN: Larry Friend

Test Start: 2022.11.27 @ 14:11:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

0 deg API

0 ppm

ft

bbl

psig

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | Mud 100m | 0.025 |

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

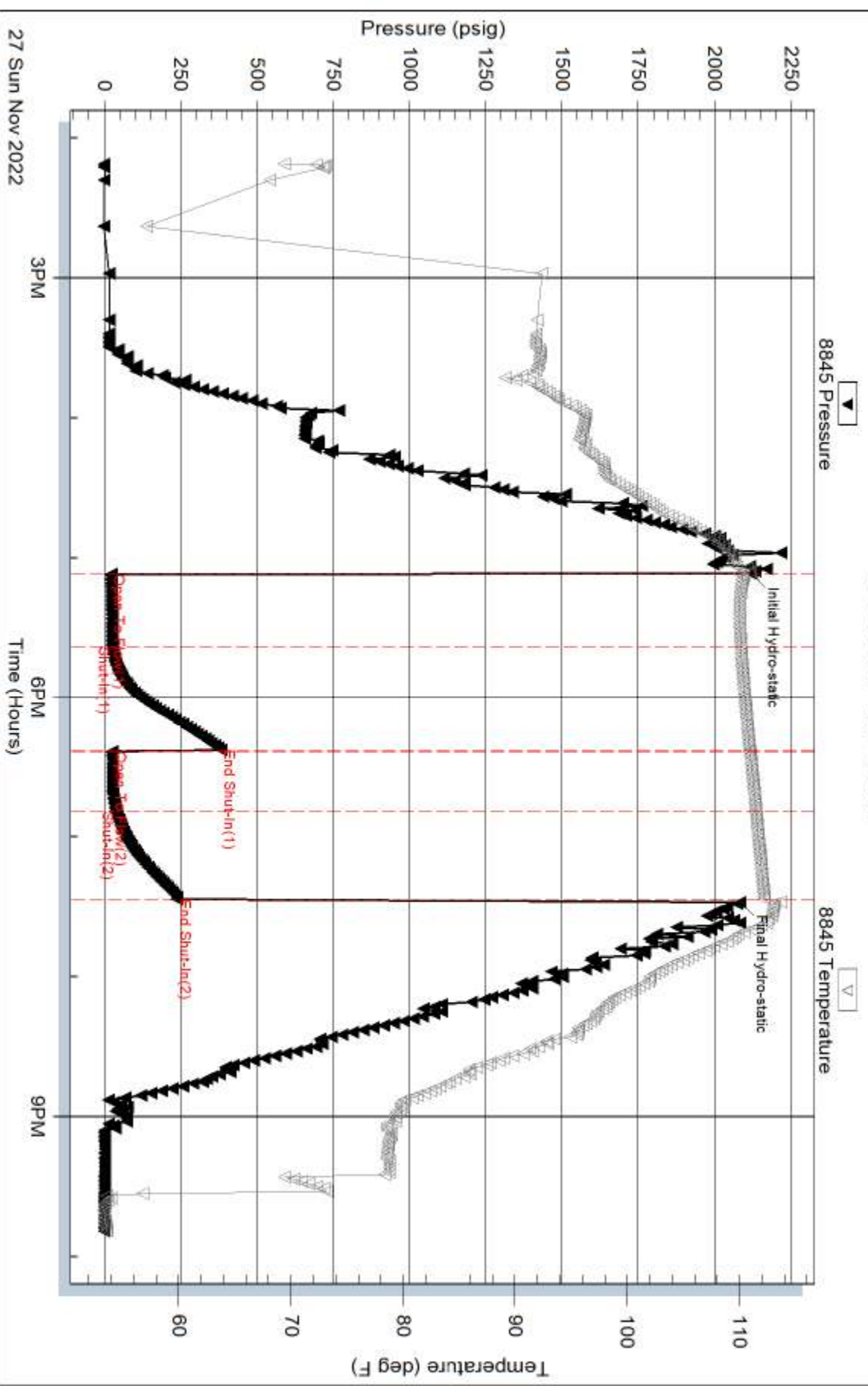
Serial #: 8845

Outside Russell Oil

Thomas Trust 28-1

DST Test Number: 1

Pressure vs. Time



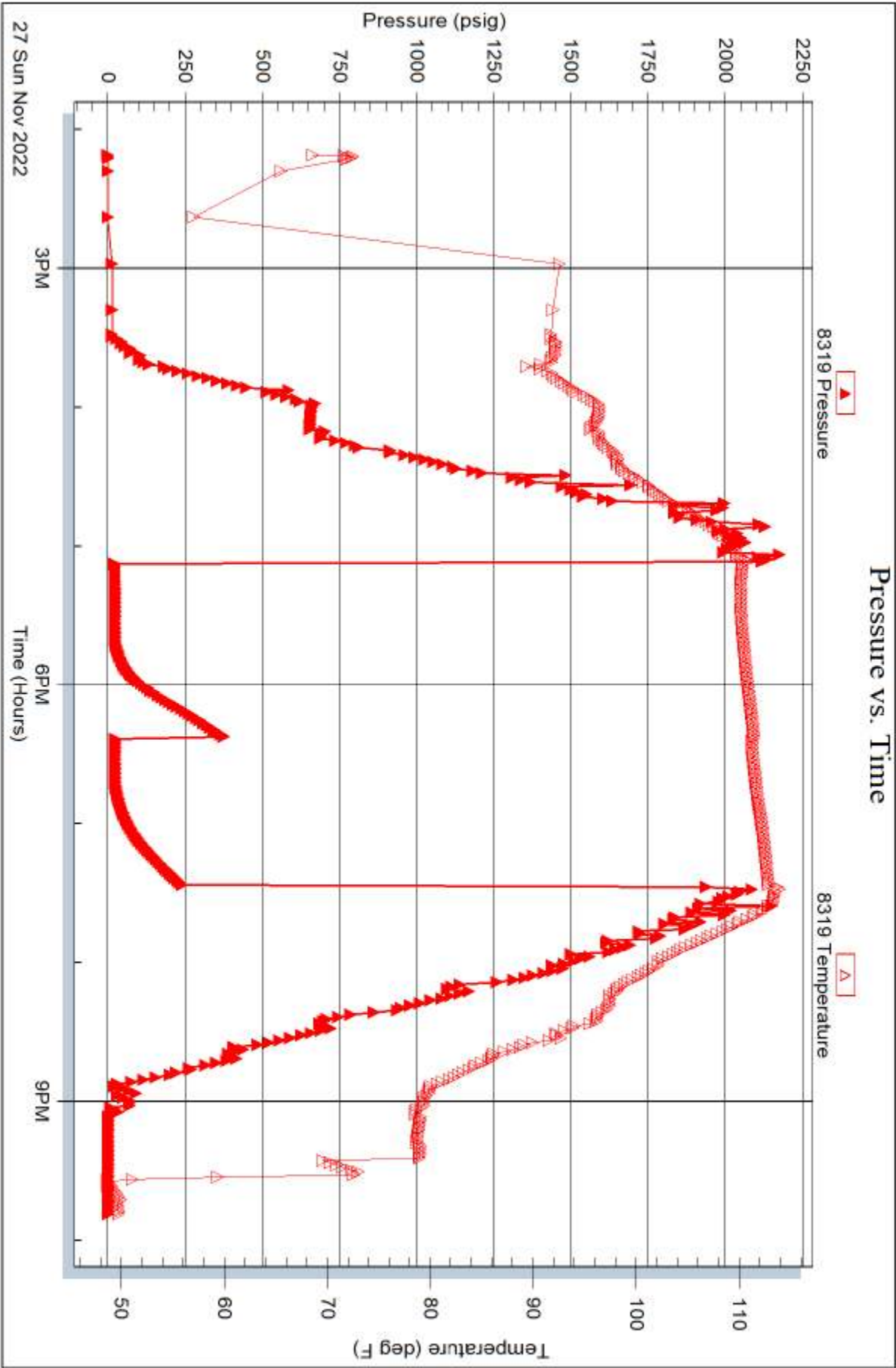
Serial #: 8319

Inside

Russell Oil

Thomas Trust 28-1

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil

28 14s 33w Logan, Ks

PO Box 8050
Edmond, Ok 73083

Thomas Trust 28-1

ATTN: Larry Friend

Job Ticket: 69458

DST#: 2

Test Start: 2022.11.29 @ 02:54:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:55:45

Time Test Ended: 11:02:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4377.00 ft (KB) To 4425.00 ft (KB) (TVD)

Reference Elevations: 2863.00 ft (KB)

Total Depth: 4425.00 ft (KB) (TVD)

2858.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 32.58 psig @ 4378.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.11.29

End Date:

2022.11.29

Last Calib.: 2022.11.29

Start Time: 02:54:05

End Time:

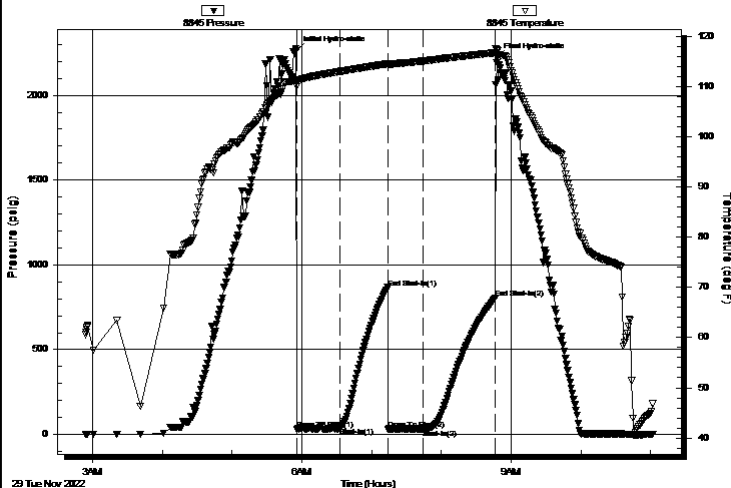
11:02:14

Time On Btm: 2022.11.29 @ 05:55:15

Time Off Btm: 2022.11.29 @ 08:48:00

TEST COMMENT: IF: 1/2" blow .
IS: No return.
FF: No blow .
FS: No return. 30-45-30-60

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2263.45 | 111.34 | Initial Hydro-static |
| 1 | 27.63 | 109.93 | Open To Flow (1) |
| 38 | 40.73 | 112.95 | Shut-In(1) |
| 79 | 865.72 | 114.49 | End Shut-In(1) |
| 79 | 31.68 | 114.20 | Open To Flow (2) |
| 109 | 32.58 | 115.05 | Shut-In(2) |
| 171 | 802.85 | 116.68 | End Shut-In(2) |
| 173 | 2222.62 | 117.25 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | Mud 100m | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil

28 14s 33w Logan, Ks

PO Box 8050
Edmond, Ok 73083

Thomas Trust 28-1

Job Ticket: 69458

DST#: 2

ATTN: Larry Friend

Test Start: 2022.11.29 @ 02:54:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:55:45

Time Test Ended: 11:02:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4377.00 ft (KB) To 4425.00 ft (KB) (TVD)

Total Depth: 4425.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2863.00 ft (KB)

2858.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8319 Inside

Press@RunDepth: psig @ 4378.00 ft (KB)

Start Date: 2022.11.29

End Date:

2022.11.29

Start Time: 02:54:05

End Time:

11:02:14

Capacity: 8000.00 psig

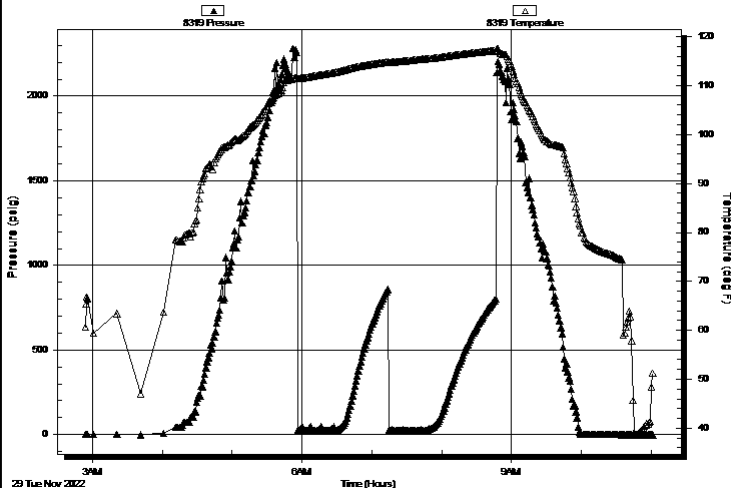
Last Calib.: 2022.11.29

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/2" blow .
IS: No return.
FF: No blow .
FS: No return. 30-45-30-60

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | Mud 100m | 0.02 |
| | | |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil

28 14s 33w Logan, Ks

PO Box 8050
Edmond, Ok 73083

Thomas Trust 28-1

Job Ticket: 69458

DST#: 2

ATTN: Larry Friend

Test Start: 2022.11.29 @ 02:54:00

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: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 87.92 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | Mud 100m | 0.025 |

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

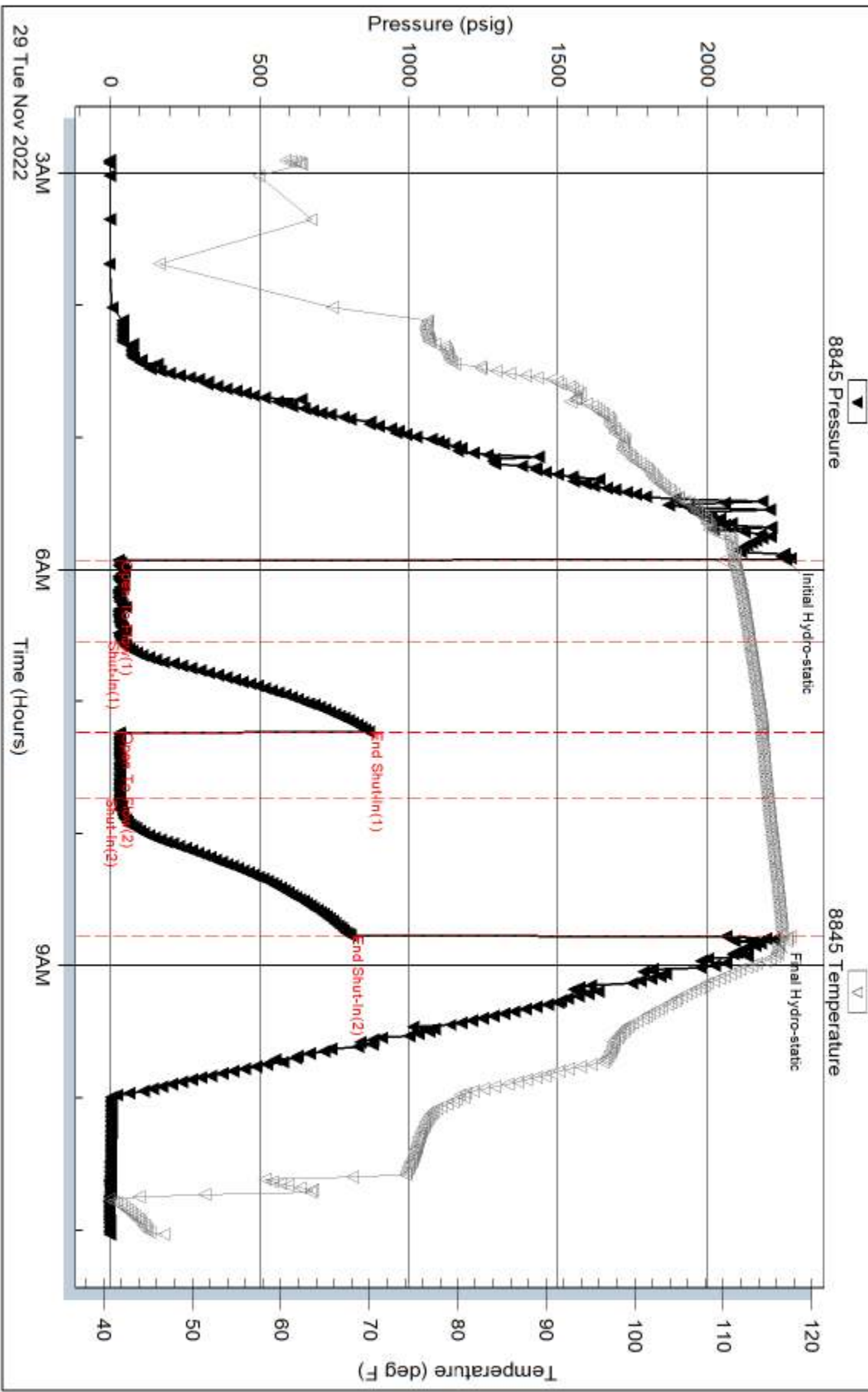
Serial #: 8845

Outside Russell Oil

Thomas Trust 28-1

DST Test Number: 2

Pressure vs. Time



Serial #: 8319

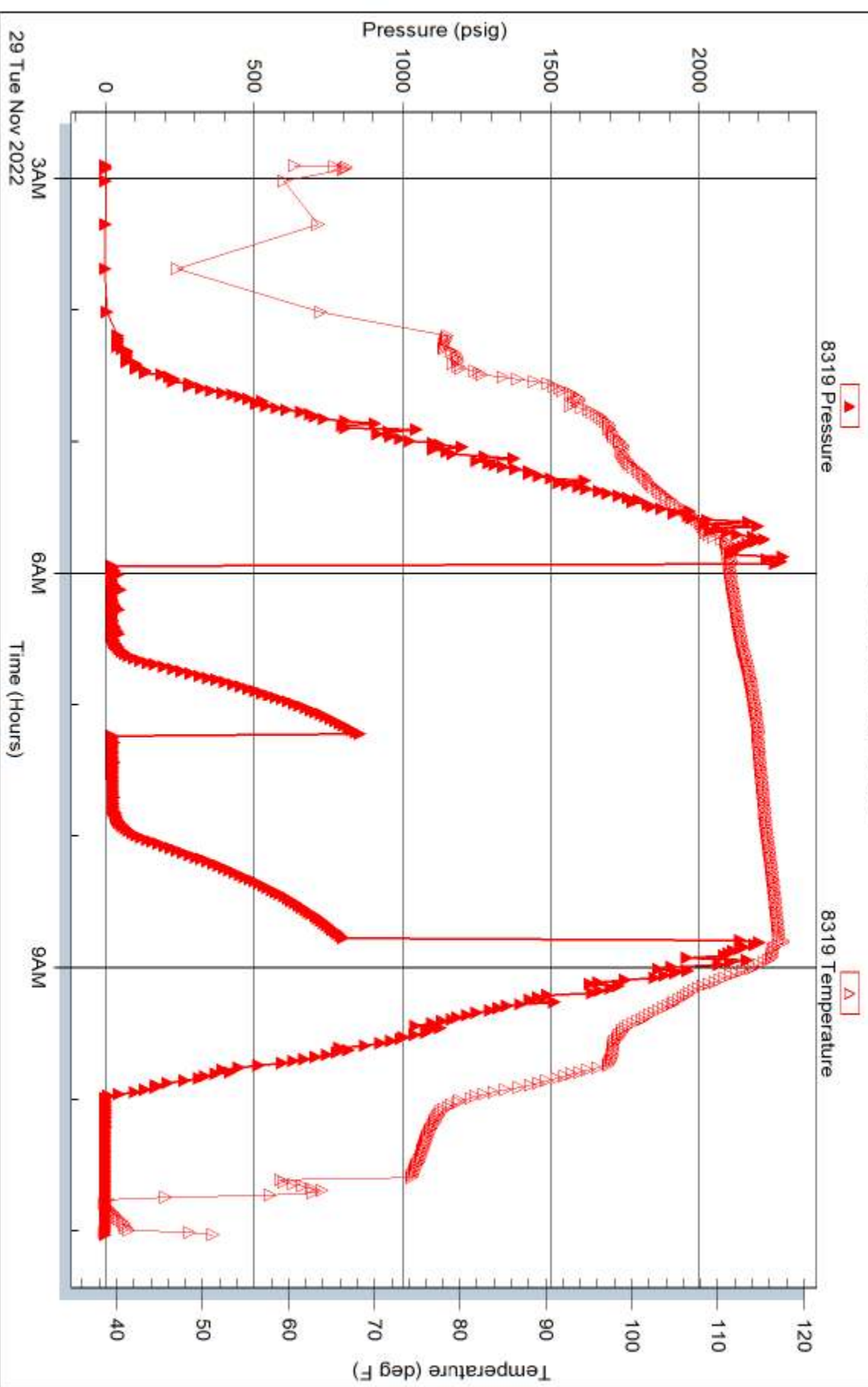
Inside

Russell Oil

Thomas Trust 28-1

DST Test Number: 2

Pressure vs. Time





TERMS: Cash in advance unless Hurricane Services Inc (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/4% per month on the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to effect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts or other special pricing previously offered to Customer and to collect the full amount of the invoice plus interest and costs of collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include freight, sales, or local taxes, or royalties and related prices adjustments. Actual charges may vary according to actual conditions and circumstances of the services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes only. The list of products and services is not intended to represent a complete list of products and services that we sell and warrants that we and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer-owned equipment and property while using HSI services. The undersigned hereby acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate best information in determining taxable services.

flv: 13-2021/01/19
mplv: 339-2022/10/05



| | | | | | |
|--------------|-------------|---------|-------------------|----------|------------|
| Customer: | Russell Oil | Well: | Thomas Trust 28-1 | Ticket: | WP 3659 |
| City, State: | | County: | Logan KS | Date: | 11/21/2022 |
| Field Rep: | Justin | S-T-R: | 28-14S-33W | Service: | Surface |

| | | | | | |
|-----------------------------|-----------|---------------------------------|---------------------------|---------------------------------|----------------------|
| Dawnhole Information | | Calculated Slurry - Lead | | Calculated Slurry - Tail | |
| Hole Size: | 12 1/4 in | Blend: | H-325 | Blend: | |
| Hole Depth: | 348 ft | Weight: | 14.8 ppg | Weight: | ppg |
| Casing Size: | 8 5/8 in | Water / Sx: | 6.8 gal / sx | Water / Sx: | gal / sx |
| Casing Depth: | 348 ft | Yield: | 1.42 ft ³ / sx | Yield: | ft ³ / sx |
| Tubing / Liner: | in | Annular Bbls / Ft.: | 0.0736 bbs / ft. | Annular Bbls / Ft.: | bbs / ft. |
| Depth: | ft | Depth: | ft | Depth: | ft |
| Tool / Packers: | | Annular Volume: | 0.0 bbls | Annular Volume: | 0 bbls |
| Tool Depth: | ft | Excess: | | Excess: | |
| Displacement: | 21.0 bbls | Total Slurry: | 62.0 bbls | Total Slurry: | 0.0 bbls |
| | | Total Sacks: | 245 sx | Total Sacks: | 0 sx |
| STAGE | TOTAL | | | | |

[illegible]

| CREW | | UNIT | SUMMARY | | |
|----------------|---------|------|--------------|------------------|-------------|
| Cementor: | Jimmie | 914 | Average Rate | Average Pressure | Total Fluid |
| Pump Operator: | Michael | 230 | 0.00 bbl/min | 280 psi | 88 bbls |
| Bulk #1: | Spencer | 206 | | | |
| Bulk #2: | | | | | |

ftv: 13-2021/01/19
mplv: 339-2022/10/05



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
RUSSELL OIL, INC.
PO BOX 8050
EDMOND, OK 73083

Invoice Date: 11/21/2022
Invoice #: 0364885
Lease Name: Thomas Trust
Well #: 28-1 (New)
County: Logan, Ks
Job Number: WP3659
District: Oakley

| Date/Description | HRS/QTY | Rate | Total |
|--------------------------|---------|-----------|----------|
| Surface | 0.000 | 0.000 | 0.00 |
| H-325 | 245.000 | 22.500 | 5,512.50 |
| Light Eq Mileage | 35.000 | 2.000 | 70.00 |
| Heavy Eq Mileage | 70.000 | 4.000 | 280.00 |
| Ton Mileage | 404.000 | 1.500 | 606.00 |
| Depth Charge 0'-500' | 1.000 | 1,000.000 | 1,000.00 |
| Cement Blending & Mixing | 245.000 | 1.400 | 343.00 |
| Service Supervisor | 1.000 | 275.000 | 275.00 |

 **COPY**

Total 8,086.50

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
RUSSELL OIL, INC.
PO BOX 8050
EDMOND, OK 73083

Invoice Date: 12/1/2022
Invoice #: 0365273
Lease Name: Thomas Trust
Well #: 28-1
County: Logan, Ks
Job Number: WP3687
District: Oakley

| Date/Description | HRS/QTY | Rate | Total |
|--------------------------|---------|-----------|----------|
| PTA | 0.000 | 0.000 | 0.00 |
| H-Plug | 240.000 | 14.000 | 3,360.00 |
| Light Eq Mileage | 35.000 | 2.000 | 70.00 |
| Heavy Eq Mileage | 70.000 | 4.000 | 280.00 |
| Ton Mileage | 374.000 | 1.500 | 561.00 |
| Depth Charge 2001'-3000' | 1.000 | 2,000.000 | 2,000.00 |
| Cement Blending & Mixing | 240.000 | 1.400 | 336.00 |
| Service Supervisor | 1.000 | 275.000 | 275.00 |
| Wooden plug 8 5/8" | 1.000 | 175.000 | 175.00 |

| | |
|--------------|-----------------|
| Net Invoice | 7,057.00 |
| Sales Tax: | 434.47 |
| Total | 7,491.47 |

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 3/4% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

ftv: 15-2021/01/25
mply: 339-2022/10/05



CEMENT TREATMENT REPORT

| | | | | | |
|--------------|----------------|---------|-------------------|----------|-----------|
| Customer: | Russell Oil | Well: | Thomas Trust 28-1 | Ticket: | WP 3687 |
| City, State: | | County: | Logan, KS | Date: | 12/1/2022 |
| Field Rep: | Spencer Savage | S-T-R: | 28-14S-33W | Service: | PTA |

| Downhole Information | | | Calculated Slurry - Lead | | | Calculated Slurry - Tail | | |
|----------------------|----------|--|--------------------------|---------------------------|--|--------------------------|----------------------|--|
| Hole Size: | 7 7/8 in | | Blend: | H-Plug | | Blend: | | |
| Hole Depth: | 4574 ft | | Weight: | 13.8 ppg | | Weight: | ppg | |
| Casing Size: | in | | Water / Sx: | 6.9 gal / sx | | Water / Sx: | gal / sx | |
| Casing Depth: | ft | | Yield: | 1.42 ft ³ / sx | | Yield: | ft ³ / sx | |
| Tubing / Liner: | in | | Annular Bbls / Ft.: | bbs / ft. | | Annular Bbls / Ft.: | bbs / ft. | |
| Depth: | ft | | Depth: | ft | | Depth: | ft | |
| Tool / Packer: | | | Annular Volume: | bbls | | Annular Volume: | bbls | |
| Tool Depth: | ft | | Excess: | | | Excess: | | |
| Displacement: | bbls | | Total Slurry: | 60.7 bbls | | Total Slurry: | bbls | |
| | | | Total Sacks: | 240 sx | | Total Sacks: | sx | |

| TIME | RATE | PSI | BBLs | TOTAL BBLs | REMARKS |
|--------|------|-------|------|------------|--------------------------------------|
| 715pm | | | | | Arrive on Location |
| 730pm | | | | | Safety Meeting |
| 930pm | | | | | Rig Up |
| | | | | | Pipe set at 2300' |
| 1013pm | 4.0 | 250.0 | 5.0 | | H2O ahead |
| 1016pm | 4.8 | 400.0 | 12.6 | | Slurry H-Plug 13.8ppg |
| 1021pm | 4.0 | 150.0 | 29.0 | | Displace with Mud Using Rig Mud Pump |
| | | | | | Pipe Set at 1175' |
| 1119pm | 4.0 | 280.0 | 5.0 | | H2O ahead |
| 1122pm | 4.5 | 330.0 | 25.2 | | Slurry H-Plug 13.8ppg |
| 1127pm | 4.8 | 220.0 | 8.0 | | Displace |
| | | | | | Pipe Set At 400' |
| 1205am | 4.5 | 270.0 | 5.0 | | H2O ahead |
| 1207am | 4.8 | 430.0 | 12.6 | | Slurry H-Plug 13.8ppg |
| 1209am | 4.0 | 200.0 | 2.0 | | Displace |
| | | | | | Wooden Plug Pushed to 40' |
| 1239am | 2.0 | 100.0 | 2.5 | | Slurry H-Plug 13.8ppg |
| 1246am | 3.0 | 100.0 | 7.6 | | Rat Hole Slurry H-Plug 13.8ppg |
| | | | | | |
| 1250am | | | | | Wash Up |
| 100am | | | | | Rig Down |
| 115am | | | | | Leave Location |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| CREW | | | UNIT | SUMMARY | | |
|----------------|---------|--|------|--------------|------------------|-------------|
| Cementer: | Spencer | | 64 | Average Rate | Average Pressure | Total Fluid |
| Pump Operator: | Micheal | | 230 | 4.0 bpm | 248 psi | 115 bbls |
| Bulk #1: | Jimmie | | 205 | | | |
| Bulk #2: | | | | | | |