

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Geologic Report
Aaron L. Young

Drilling Time and Sample Log

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

Well Name: Borger "I" #1
API: 15-135-26141
Location: Section 25 - T19S - R22W
License Number: 5123
Spud Date: 01 / 17 / 2022
Surface Coordinates: 1300' FNL and 2245' FWL
Approx. SW - SE - NE - NW
Region: Ness Co., KS
Drilling Completed: 01 / 23 / 2022
Bottom Hole Coordinates:
Ground Elevation (ft): 2280' K.B. Elevation (ft): 2287'
Logged Interval (ft): 3750' To: 4500' Total Depth (ft): 4500'
Formation: Mississippian
Type of Drilling Fluid: Chemical - MudCo

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

OPERATOR

Company: Pickrell Drilling Co., Inc
Address: 100 S Main Ste 505
Wichita, KS 67202

GEOLOGIST

Name: Aaron L. Young, M. S.
Company: Pickrell Drilling Co., Inc.
Address: 100 S Main Ste 505
Wichita, KS 67202

General Info

CONTRACTOR: Pickrell Drilling, Rig #10

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	RR	15-15-15	222'	222'	3.75
2	7-7/8	SMITH MSI616	15-15-15	4500'	4278'	58.25

SURVEYS: 222'-.5, 731'-1, 1236'- 1, 1744'-.75, 2238'-.75, 2758'-.75, 4408'-.75, 4500'-.75

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 10,000 - 14,000 lbs. on bit and approx 80-90 RPM.
Running 9 stands of collars; 530.34'
Pumping 60 strokes/min @ approx 600-700 psi at standpipe.

Daily Status

01/17/22 - Spud @ 5:30 pm, drilled 12 1/4" hole to 222', ran 5 jts of new 8 5/8" 23# surface casing set @ 221' (tally 211'), cemented w/ 150 sx. Standard, 2% gel, 3% CC, Cem circulated. Plug down @ 1:00am 1/18/22

01/18/22 - WOC @ 222'

01/19/22 - Drilling @ 1807'

01/20/22 - Drilling @ 2890'

01/21/22 - Drilling @ 3935'

01/22/22 - DST #1, DST #2

01/23/22 - TOH for DST #3

01/24/22 - Logging, RTD 4500' , LTD 4498'. Plug and Abandon: 50 sx @1560', 80 sx @780', 50 sx @ 250', 20 sx @ 60 ft, 30 sx/rathole, 60/40 Poz, 4% gel, 1/4# Flo Seal, Swift #34426. Plug down 4:30 pm.

DST #1 MISSISSIPPIAN

4346' - 4408'

10"-30"

IF: Weak surface blow, died in 6 min

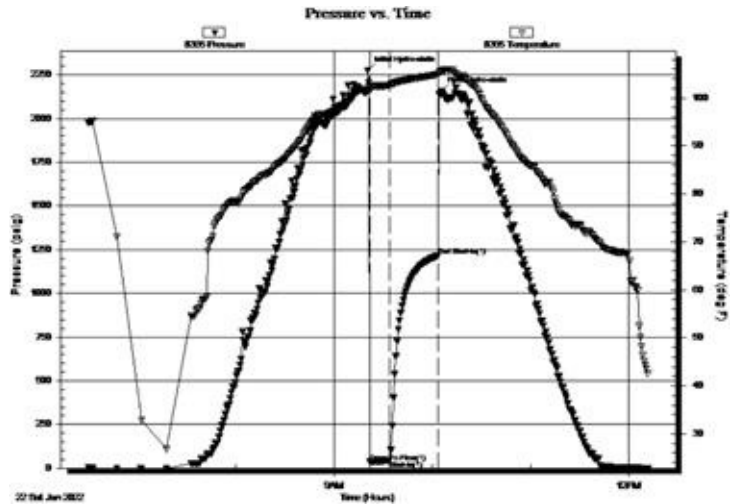
ISI: No return

Rec'd: 5' Mud (99% M, 1% O)

SIP: 1217#

FP: 35-44#

HP: 2275-2156#



DST #2 MISSISSIPPIAN

4408' - 4414'

30"-30"-30"-30"

IF: Weak surface blow built to .75"

ISI: No return

FF: Weak surface blow built to .5"

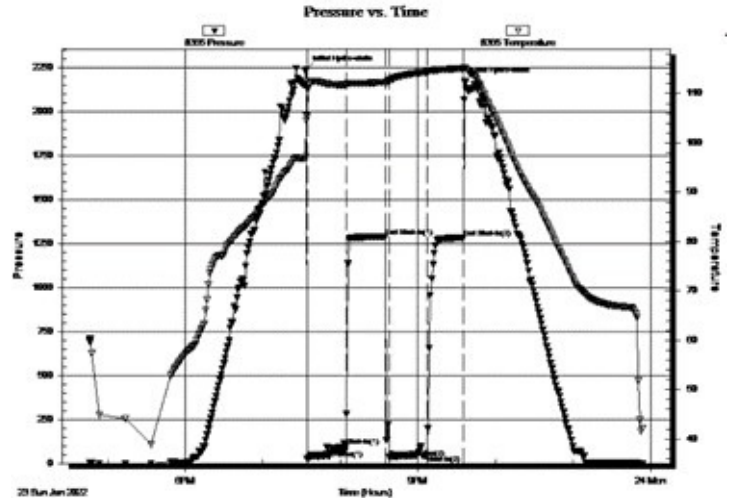
FSI: No return

Rec'd: 5' VSOCM (1% O, 99% M),

SIP: 1288-1284#

FP: 26-98#, 35-47#

HP: 2239-2174#



DST #3 MISSISSIPPIAN

4414' - 4420'

30"-30"-30"-30"

IF: Strong blow, BOB in 6 min

ISI: Weak surface blow

FF: Strong blow, BOB in 7 min

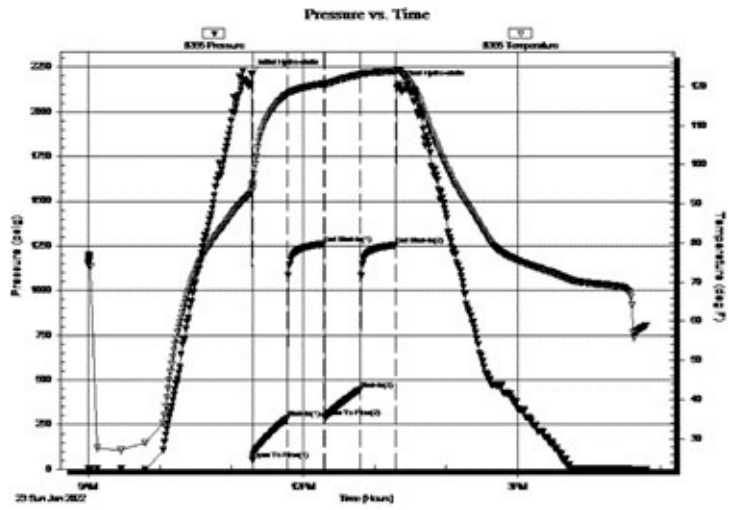
FSI: Weak surface blow

Rec'd: 32' SCGO (5% G, 95% O), 806' SGOCW (5% G, 5% O, 90% W), 62' SGM CW (5% O, 75% W, 20% M)

SIP: 1260-1255#

FP: 52-284#, 292-447#

HP: 2211-2153#



ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol

- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol

- Shgy
- Sltst
- Ss
- Till
- Carb sh
- Dol
- Dtd
- Gry sh

- Sandylms
- Shale
- Sltstn
- Shlyslts
- SltysH
- Lms

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
- Chlorite
- Dol
- Sand
- Sltly

- FOSSIL**
- Algae
 - Amph
 - Belm
 - Bioclst
 - Brach
 - Bryozoa
 - Cephal
 - Coral
 - Crin
 - Echin
 - Fish
 - Foram

- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

- STRINGER**
- Anhy
 - Arg
 - Bent
 - Coal
 - Dol
 - Gyp
 - Ls
 - Mrst
 - Sltstrg
 - Ssstrg
 - Carbsh

- Clystn
- Dol
- Grysh
- Grystn
- Lms
- Sandylms
- Sh
- Sltstn

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

OTHER SYMBOLS

POROSITY TYPE

- E Earthy
- Fenest
- F Fracture
- X Inter
- ⊕ Moldic
- Organic
- P Pinpoint
- ∇ Vuggy

SORTING

- W Well
- M Moderate
- P Poor

ROUNDING

- R Rounded
- r Subrnd
- a Subang
- A Angular

OIL SHOWS

- Even
- ⊙ Spotted
- ⊖ Ques
- Dead
- ⊗ Gas show

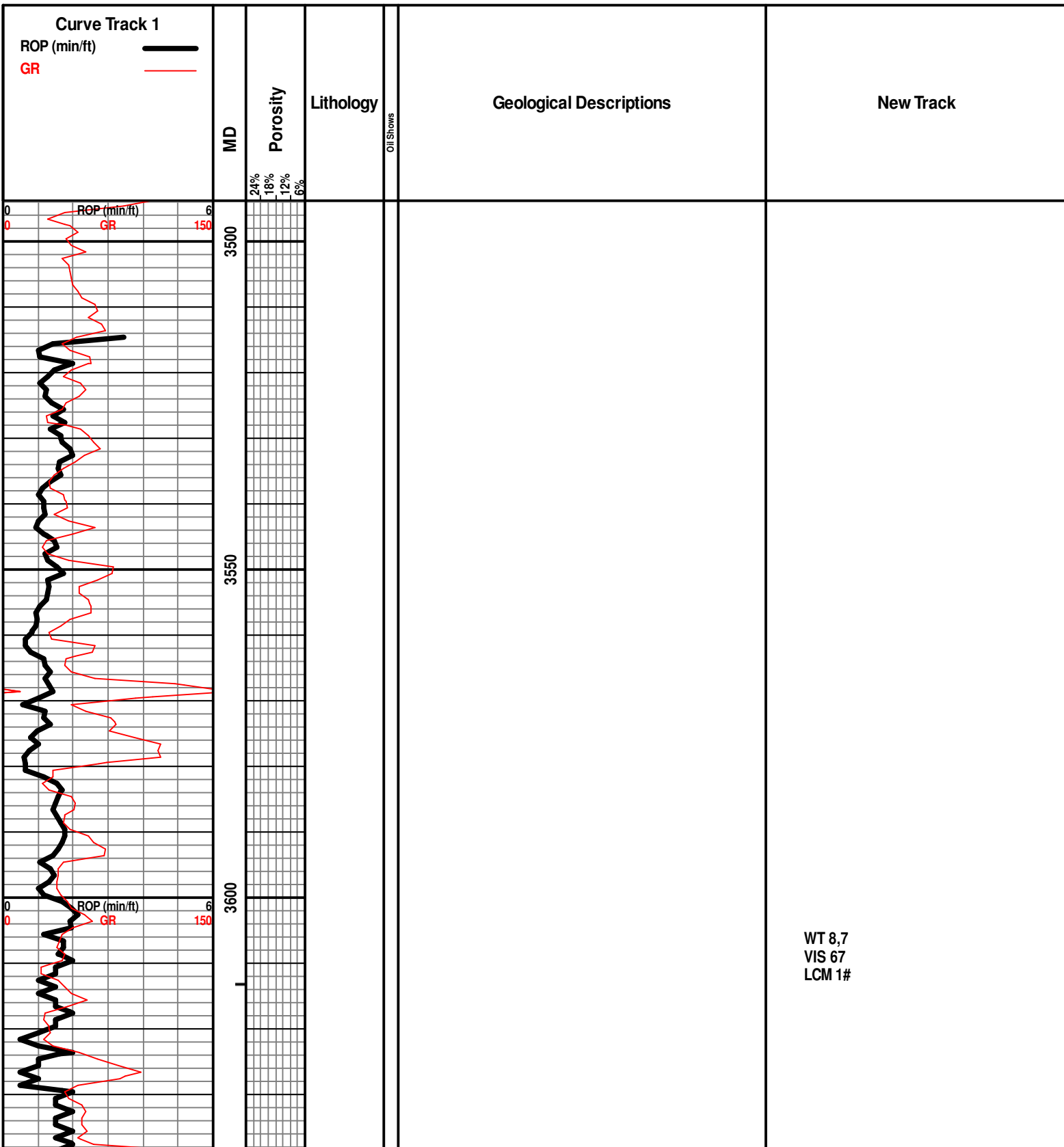
INTERVALS

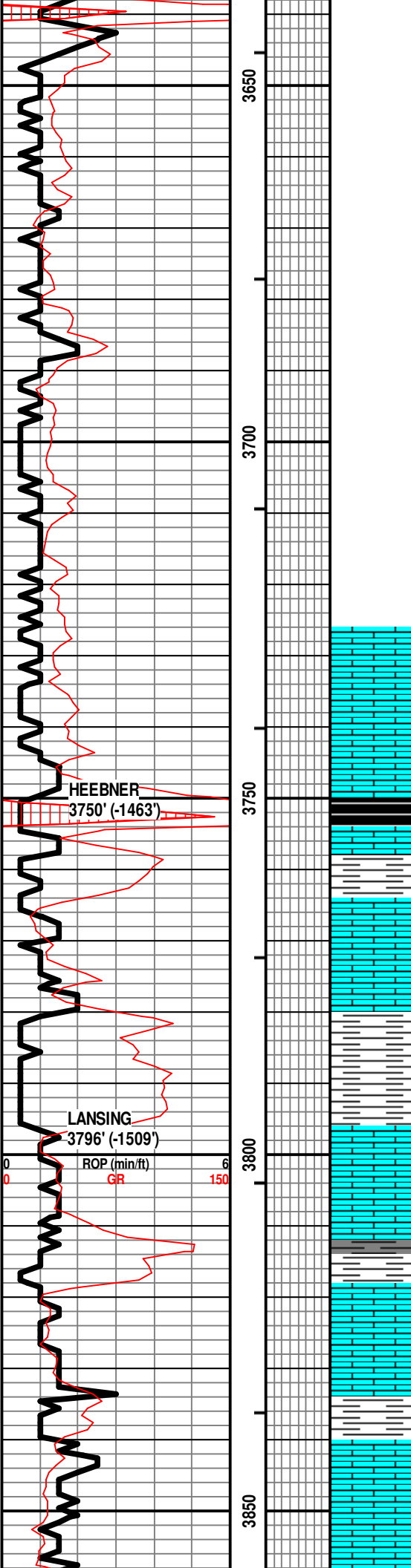
- Core
- Dst

Dst

EVENTS

- ▽ Rft
- ▾ Sidewall
- ▬ Conn





LS - TAN, VF XLN, CHKY / SUBCKY / MOD DNS, FOSS IN PT

LS - CRM / TAN, F / VF XLN, PRED DNS / MOD DNS, SUBCHKY / CHKY IN PT, FOSS

HEEBNER
3750' (-1463')

SH - BLK, CARB, W/ LS - TAN / LT GY, F XLN, MOD DNS / DNS, FOSS, W/ LS - WHT / GY, V CHKY

LS - TAN / GY / CRM, PRED DNS / MOD DNS, SUBCHKY IN PT, FOSS, W/ SH - RD / GRN / BRN / GY

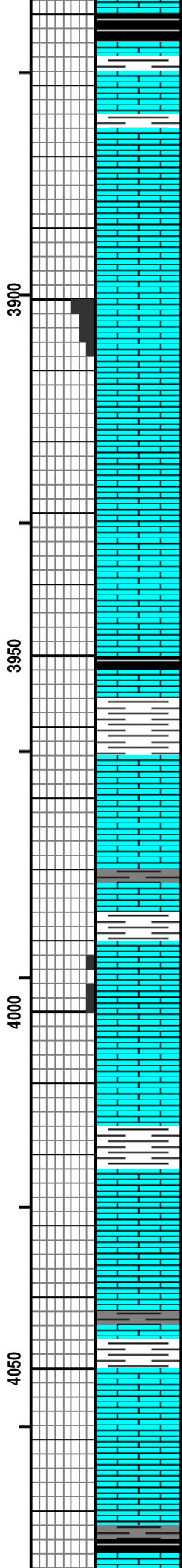
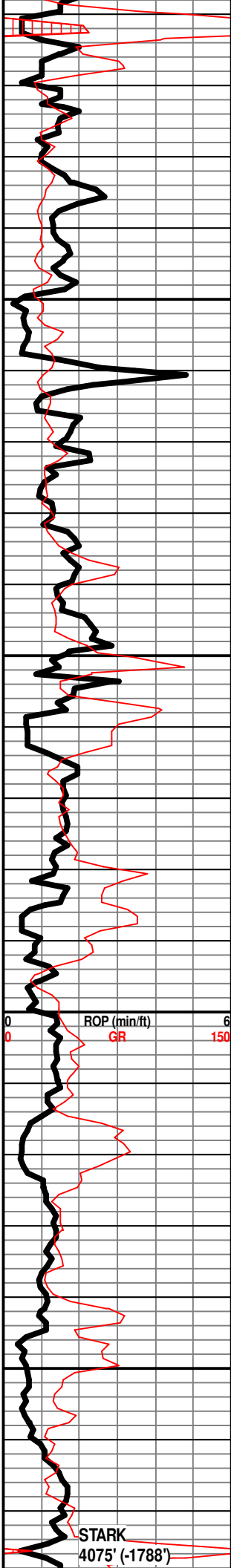
LANSING
3796' (-1509')

SH - RDISH-BRN / GRN, W/ LS - TAN / GY, F / M XLN, DNS, FOSS, W/ LS - CRM / WHT, SUBCHKY / CHKY, V CHKY IN PT

ROP (min/ft)
0 6 150
GR

LS - WHT, V CHKY, W/ SH - LT GY, V SOFT, W/ RDISH-BRN / LT TURQ, SOFT

LS - CRM / TAN, F XLN, MOD DNS, FOSS, PYRITIC IN FEW PIECES, W/ SH - RD-ISH BRN, TURQ, RD-ORNG IN PT



LS - CRM / WHT, VF XLN, V CHKY / CHKY, SUBCHKY IN PT, W/ SH - BLK, CARB, W/ SH - RD / GRN / GY, W/ FEW PIECES OF LS - CRM / TAN, F XLN, MOD DNS / DNS

WT 8.7
VIS 65
LCM 1#

LS - CRM / TAN, F XLN, MOD DNS, F / G OOLMOLDIC & INTERPART POR IN FEW PIECES, NS, ABUND FOSS, W/ LS - TAN / GY, F / M XLN, DNS

LS - CRM / TAN, PRED F XLN, VF XLN IN PT, PRED DNS / MOD DNS, SUBCHKY / CHKY IN PT

WT 8.9
VIS 63
LCM 2#

SH - BLK / CARB, W/ LS - CRM / TAN, PRED F / M XLN, VF XLN IN PT, PRED V DNS / DNS, FOSS, SUBCHKY / CHKY IN PT

SH - GY, GRN / RD IN PT, W/ LS - TAN / GY IN PT, F / M XLN, ABUND FOSS, OOLITIC IN PT, DNS

LS - CRM / TAN / GY IN PT, F XLN, MOD DNS / DNS, FOSS IN PT, W/ SH - DK GY / BLK

LS - CRM / TAN, GY IN PT, AUND OF FOSS IN PT, P INTERPART POR IN FEW PIECES, NS, FEW PIECE OF IMBED CHT, W/ SH - DK GY / GRN

LS - CRM / TAN, F XLN, MOD DNS / DNS IN PT, W/ SH - RD / GRN / GY IN PT

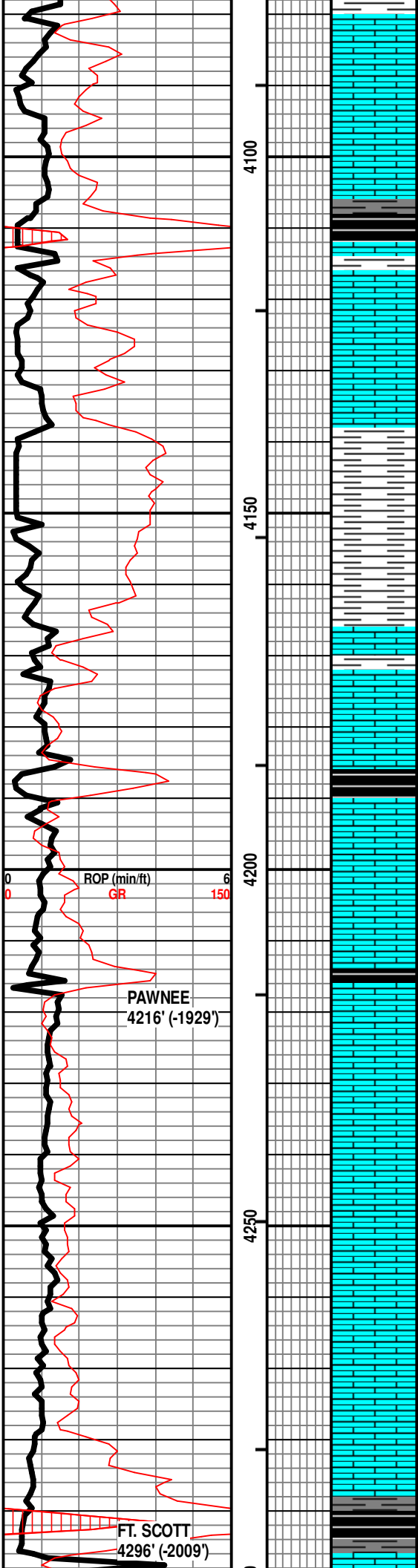
LS - CRM / TAN / GY, PRED F / M XLN, VF XLN IN PT, PRED DNS, MOD DNS / SUBCHKY IN PT, FOSS IN PT

SH - GRN / RD / DK GY, W/ LS - CRM / TAN, F / M XLN, V DNS / DNS, FOSS IN PT

SH - BLK, CARB, W/ LS - CRM / TAN, WHT IN PT, PRED MOD DNS / SUBCHKY, CHKY IN PT, FOSS IN PT

WT 8.9
VIS 69
LCM 2#

STARK
4075' (-1788')



LS - TAN / GY, CRM IN PT, PRED DNS / MOD DNS,
SUBCHKY IN PT, W/ SH - RD / GRN

SH - BLK, CARB, W/ LS - CRM / TAN, F / VF XLN, PRED
MOD DNS, SUBCHKY IN PT

LS - TAN / GY, F XLN, MOD DNS / DNS, FOSS, ARG IN
PT, W/ SH - GRN, SLTY IN PT

SH - GY / GRN / RD, W/ LS - CRM / TAN, F / VF XLN, MOD
DSN / SUBCHKY IN PT, FOSS IN PT

LS - GY / TAN / CRM, F XLN, MOD DNS / DNS, SUBCHKY
IN PT, FOSS, W/ SH - GY / GRN / RD

SH - BLK, CARB, W/ SH - GY / GRN / RD, W/ LS - TAN /
CRM IN PT, F / M XLN, PRED DNS, MOD DNS IN PT,
FOSS

LS - CRM / TAN, F / VF XLN, PRED DNS / MOD DNS,
SUBCHKY IN PT, FOSS IN PT, W/ SH - BLK, CARB

LS - TAN, F / M XLN, DNS / MOD DNS IN PT, FOSS IN PT

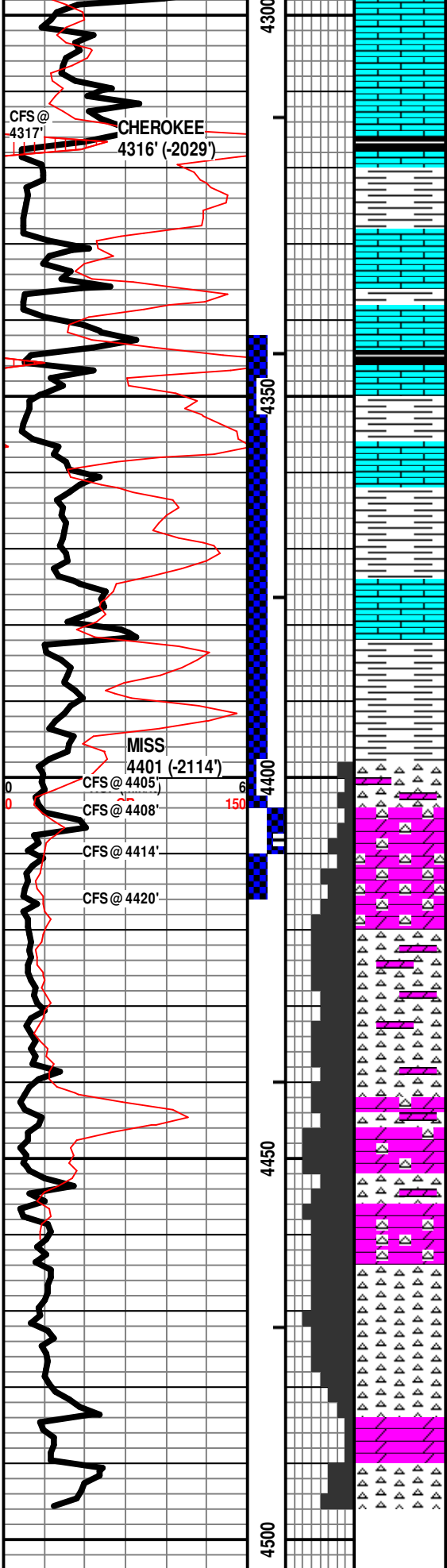
LS - GY / DK TAN, F / M XLN, DNS, FOSS IN PT

LS - GY, F XLN, DNS / MOD DNS

SH - BLK, CARB

WT 8.9
VIS 62
LCM 2#

WT 9.1
VIS 55



LS - PRED TAN / GY, CRM IN PT, F / M XLN, VF XLN, MOD DNS IN PT, PRED V DNS / DNS, MOD DNS IN PT, FOSS IN PT

LS - GY / TAN / CRM, F XLN, DNS / MOD DNS IN PT, FOSS IN PT, IMBED PYRITE IN PT

SH - BLK, CARB

SH - GY / GRN / RD, W/ LS - TAN / CRM, F XLN, DNS / MOD DNS

LS - GRNISH-GY / GY / TAN, F XLN, MOD DNS / DNS, W/ SH - GRN / RD

SH - BLK, SLI CARB, W/ LS - CRM, VF / F XLN, MOD DNS, W/ SH - GRN / RD

LS - CRM / TAN, DNS IN PT, PRED MOD DNS / SUBCHKY, W/ SH - RDISH-BRN / RD-ORNG / TURQ, W/ SCAT PYRITE

LS - CRM / TAN, F XLN, MOD DNS / DNS, W/ SH - TURQ / GRN / BLK / MAR / RDISH-BRN / RD-ORNG / GY / YEL

LS - CRM / TAN, F XLN, MOD DNS / DNS, FOSS IN PT, W/ SH - TURQ / LT TURQ / GRN / MAR / RDISH-BRN

SH - LT GY / LT RDISH-BRN, V SOFT

CHT - TAN / LT BRN, DOLOMITIC, P / F TRIPOLITIC POR, GSFO, SHO OF GAS IN PT, F CUP ODOR, BLEADING OIL, LT BRN OIL DROPLETS, BRI YEL-GRN FLUOR IN SHO ROCKS

DOLO - TAN, VF XLN, PRED SUC, CHTY IN PT, F / G SUC POR, SAT STN, FSFO, G CUP ODOR, BRI YEL-GRN FLUOR

DOLO - TAN, VF / F XLN, COURSER XLN THAN ABOVE, MORE CHTY THATN ABOVE, SUC IN PT, F / G INTERXLN POR, VUG POR IN PT, COMP SAT, GSFO, G CUPODOR, BRI YEL-GRN FLUOR

DOLO - TAN, F XLN, G INTERXLN POR, VUG POR IN PT, SAT STN, FSFO, ABUND OIL SHEEN, G CUP ODOR, BRI YEL-GRN FLUOR, W/ ABUND CHT - WHT / LT GY, PRED OPAQ, SLI TRANSLUCNT IN PT, PRED FRSH, DOLOMITIC IN PT

CHT - WHT / LT GY / CLR, PRED OPAQ, TRANLUCNT IN PT, DOLOMITIC IN PT, F INTERXLN & TRIPOLITIC POR IN PT, VSSFO, SLI OIL SHEEN IN PT, F CUP ODOR, BRI YEL-GRN FLUOR

DOLO - CRM / TAN / OFF-WHT, F XLN, F / G INTERXLN POR, NS, W/ ABUND CHT - WHT / CLR, OPAQ & TRANSLUCNT, FRSH

CHT - WHT / CLR / LT GY, OPAQ & TRANLUCNT, FRSH, DOLOMITIC IN PT

DOLO - LT GY, V CHKY, W/ CHT - WHT / LT GY / CLR, FRSH, PRED OPAQ, TRANSLUCNT IN PT

LCM 2#

DST #1 MISSISSIPPIAN
4346' - 4408'
10"-30"

IF: Weak surface blow, died in 6 min
ISI: No return

Rec'd: 5' Mud (99% M, 1% O)

SIP: 1217#
FP: 35-44#
HP: 2275-2156#

WT 9.1
VIS 53
LCM 1#

DST #2 MISSISSIPPIAN
4408' - 4414'
30"-30"-30"-30"

IF: Weak surface blow built to .75"
ISI: No return
FF: Weak surface blow built to .5"
FSI: No return

Rec'd: 5' VSOCM (1% O, 99% M),

SIP: 1288-1284#
FP: 26-98#, 35-47#
HP: 2239-2174#

DST #3 MISSISSIPPIAN
4414' - 4420'
30"-30"-30"-30"

IF: Strong blow, BOB in 6 min
ISI: Weak surface blow
FF: Strong blow, BOB in 7 min
FSI: Weak surface blow

Rec'd: 32' SCGO (5% G, 95% O), 806'
SGOCW (5% G, 5% O, 90% W), 62'
SGMCW (5% O, 75% W, 20% M)

SIP: 1260-1255#
FP: 52-284#, 292-447#
HP: 2211-2153#

Entire report slid up 4' to match logs

RTD 4500'



DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Company**

100 S. Main STE 505
Wichita, KS 67202-3738

ATTN: Aaron Young

Borger I #1

25-19s-22w Ness, KS

Start Date: 2022.01.22 @ 06:30:00

End Date: 2022.01.22 @ 12:12:02

Job Ticket #: 68456 DST #: 1

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

Printed: 2022.01.25 @ 11:44:23



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Pickrell Drilling Company
 100 S. Main STE 505
 Wichita, KS 67202-3738
 ATTN: Aaron Young

25-19s-22w Ness, KS

Borger I #1

Job Ticket: 68456

DST#: 1

Test Start: 2022.01.22 @ 06:30:00

GENERAL INFORMATION:

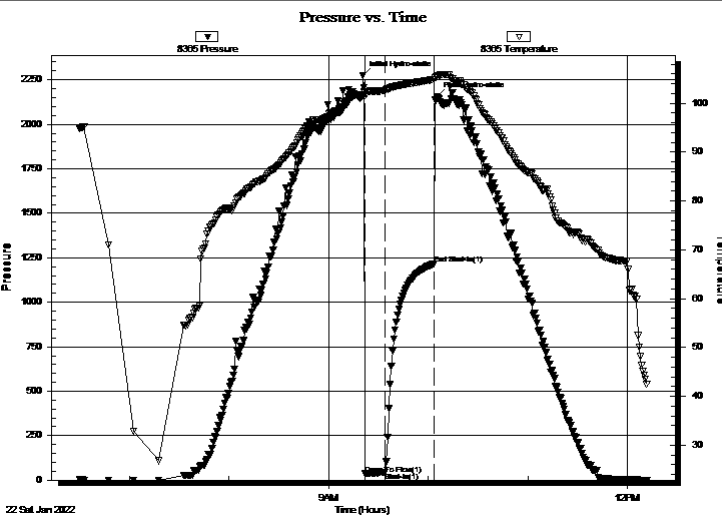
Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:22:02
 Time Test Ended: 12:12:02
 Interval: **4346.00 ft (KB) To 4408.00 ft (KB) (TVD)**
 Total Depth: 4408.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Kevin Webster
 Unit No: 72
 Reference Elevations: 2291.00 ft (KB)
 2281.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8365

Inside

Press@RunDepth: 43.60 psig @ 4347.00 ft (KB) Capacity: psig
 Start Date: 2022.01.22 End Date: 2022.01.22 Last Calib.: 2022.01.22
 Start Time: 06:30:01 End Time: 12:12:02 Time On Btm: 2022.01.22 @ 09:20:32
 Time Off Btm: 2022.01.22 @ 10:05:17

TEST COMMENT: 10 IF- WSB died in 6 min
 30 ISI- No returns



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2275.19	101.71	Initial Hydro-static
2	35.43	101.60	Open To Flow (1)
14	43.60	102.65	Shut-In(1)
43	1216.93	104.92	End Shut-In(1)
45	2155.73	105.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	99% Mud 1% Oil	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Company

25-19s-22w Ness,KS

100 S. Main STE 505
Wichita,KS 67202-3738

Borger I #1

Job Ticket: 68456

DST#: 1

ATTN: Aaron Young

Test Start: 2022.01.22 @ 06:30:00

Tool Information

Drill Pipe:	Length: 4221.00 ft	Diameter: 3.80 inches	Volume: 59.21 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	68000.00 lb
			<u>Total Volume: 59.79 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4346.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	62.00 ft				
Tool Length:	89.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4320.00	
Shut In Tool	5.00			4325.00	
Hydraulic tool	5.00			4330.00	
Jars	5.00			4335.00	
Safety Joint	2.00			4337.00	
Packer	5.00			4342.00	27.00 Bottom Of Top Packer
Packer	4.00			4346.00	
Stubb	1.00			4347.00	
Recorder	0.00	8365	Inside	4347.00	
Recorder	0.00	6752	Outside	4347.00	
Perforations	25.00			4372.00	
Change Over Sub	1.00			4373.00	
Drill Pipe	31.00			4404.00	
Change Over Sub	1.00			4405.00	
Bullnose	3.00			4408.00	62.00 Bottom Packers & Anchor

Total Tool Length: 89.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Company
100 S. Main STE 505
Wichita, KS 67202-3738
ATTN: Aaron Young

25-19s-22w Ness, KS
Borger I #1
Job Ticket: 68456 **DST#: 1**
Test Start: 2022.01.22 @ 06:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 11200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	99% Mud 1% Oil	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: 1#LCM

Serial #: 8365

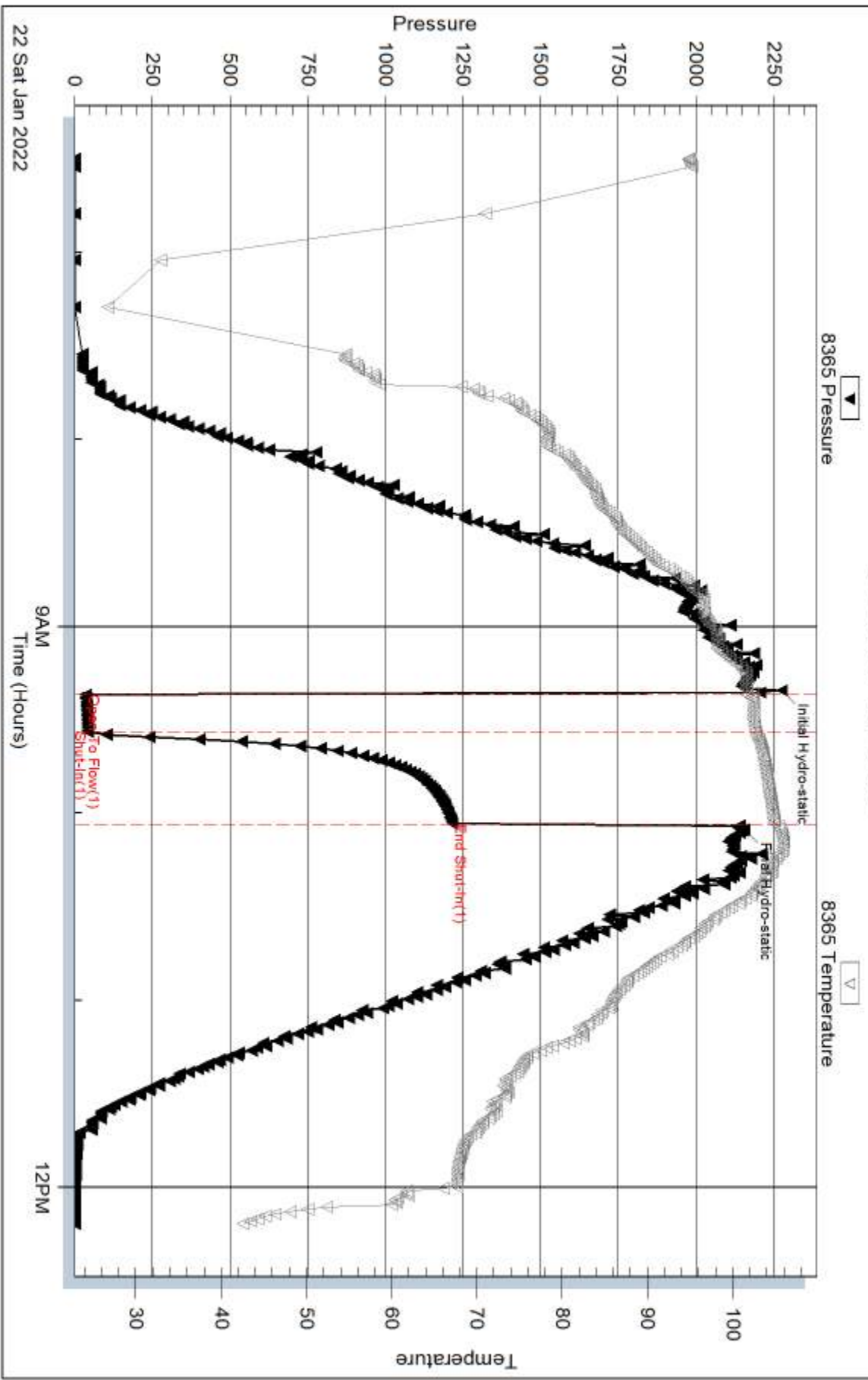
Inside

Pickrell Drilling Company

Borger 1#1

DST Test Number: 1

Pressure vs. Time



22 Sat Jan 2022

9AM
Time (Hours)

12PM

Triobite Testing, Inc

Ref. No: 68456

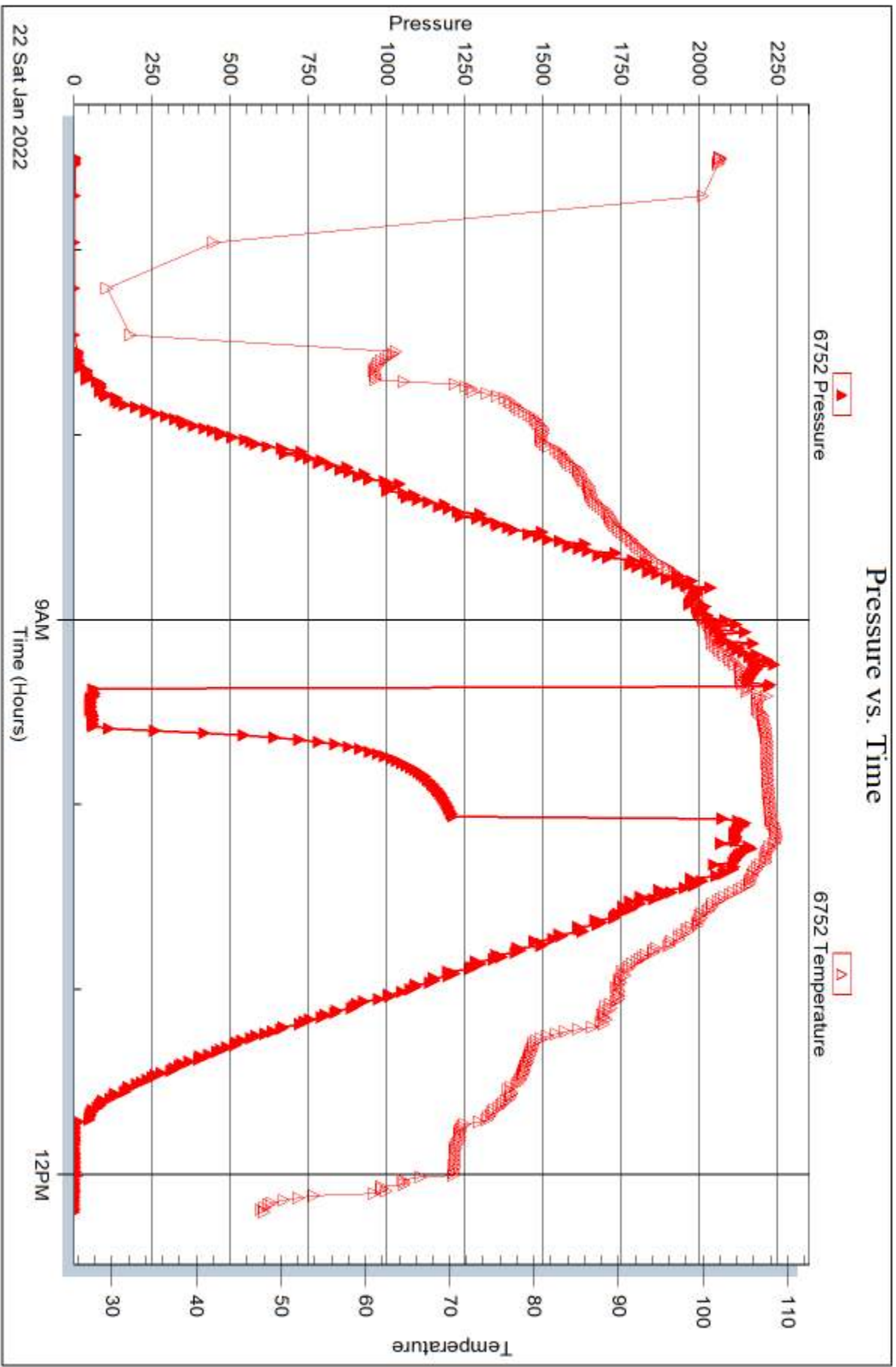
Printed: 2022.01.25 @ 11:44:23

Serial #: 6752

Outside Pickett Drilling Company

Borger I#1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68456

Printed: 2022.01.25 @ 11:44:25



DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Company**

100 S. Main STE 505
Wichita, KS 67202-3738

ATTN: Aaron Young

Borger I #1

25-19s-22w Ness, KS

Start Date: 2022.01.23 @ 16:46:00

End Date: 2022.01.23 @ 23:54:02

Job Ticket #: 68457 DST #: 2

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

Printed: 2022.01.25 @ 11:43:57



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Pickrell Drilling Company
 100 S. Main STE 505
 Wichita, KS 67202-3738
 ATTN: Aaron Young

25-19s-22w Ness, KS

Borger I #1

Job Ticket: 68457

DST#: 2

Test Start: 2022.01.23 @ 16:46:00

GENERAL INFORMATION:

Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:34:02
 Time Test Ended: 23:54:02
 Interval: **4408.00 ft (KB) To 4414.00 ft (KB) (TVD)**
 Total Depth: 4414.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Kevin Webster
 Unit No: 72
 Reference Elevations: 2291.00 ft (KB)
 2281.00 ft (CF)
 KB to GR/CF: 10.00 ft

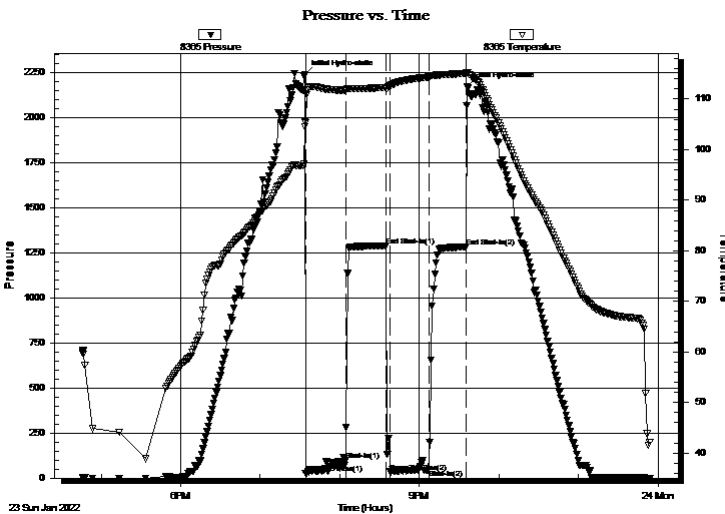
Serial #: 8365

Inside

Press@RunDepth: 46.84 psig @ 4409.00 ft (KB) Capacity: psig
 Start Date: 2022.01.23 End Date: 2022.01.23 Last Calib.: 2022.01.23
 Start Time: 16:46:01 End Time: 23:54:02 Time On Btm: 2022.01.23 @ 19:33:32
 Time Off Btm: 2022.01.23 @ 21:36:02

TEST COMMENT: 30 IF- WSB built to 3/4"
 30 IS- No returns
 30 FF- WSB built to 1/2"
 30 FSI- No returns

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2239.49	104.56	Initial Hydro-static
1	25.73	105.36	Open To Flow (1)
31	97.87	111.79	Shut-In(1)
62	1288.30	112.28	End Shut-In(1)
65	34.80	112.66	Open To Flow (2)
94	46.84	114.37	Shut-In(2)
122	1283.72	115.10	End Shut-In(2)
123	2173.96	115.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	99% Mud 1% Oil	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Company

25-19s-22w Ness,KS

100 S. Main STE 505
Wichita,KS 67202-3738

Borger I #1

Job Ticket: 68457

DST#: 2

ATTN: Aaron Young

Test Start: 2022.01.23 @ 16:46:00

Tool Information

Drill Pipe:	Length: 4283.00 ft	Diameter: 3.80 inches	Volume: 60.08 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 60.66 bbl</u>	Tool Chased	4.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4408.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	6.00 ft				
Tool Length:	33.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4382.00	
Shut In Tool	5.00			4387.00	
Hydraulic tool	5.00			4392.00	
Jars	5.00			4397.00	
Safety Joint	2.00			4399.00	
Packer	5.00			4404.00	27.00 Bottom Of Top Packer
Packer	4.00			4408.00	
Stubb	1.00			4409.00	
Recorder	0.00	8365	Inside	4409.00	
Recorder	0.00	6752	Outside	4409.00	
Perforations	2.00			4411.00	
Bullnose	3.00			4414.00	6.00 Bottom Packers & Anchor

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Company

25-19s-22w Ness,KS

100 S. Main STE 505
Wichita,KS 67202-3738

Borger I #1

Job Ticket: 68457

DST#: 2

ATTN: Aaron Young

Test Start: 2022.01.23 @ 16:46:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	99% Mud 1% Oil	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

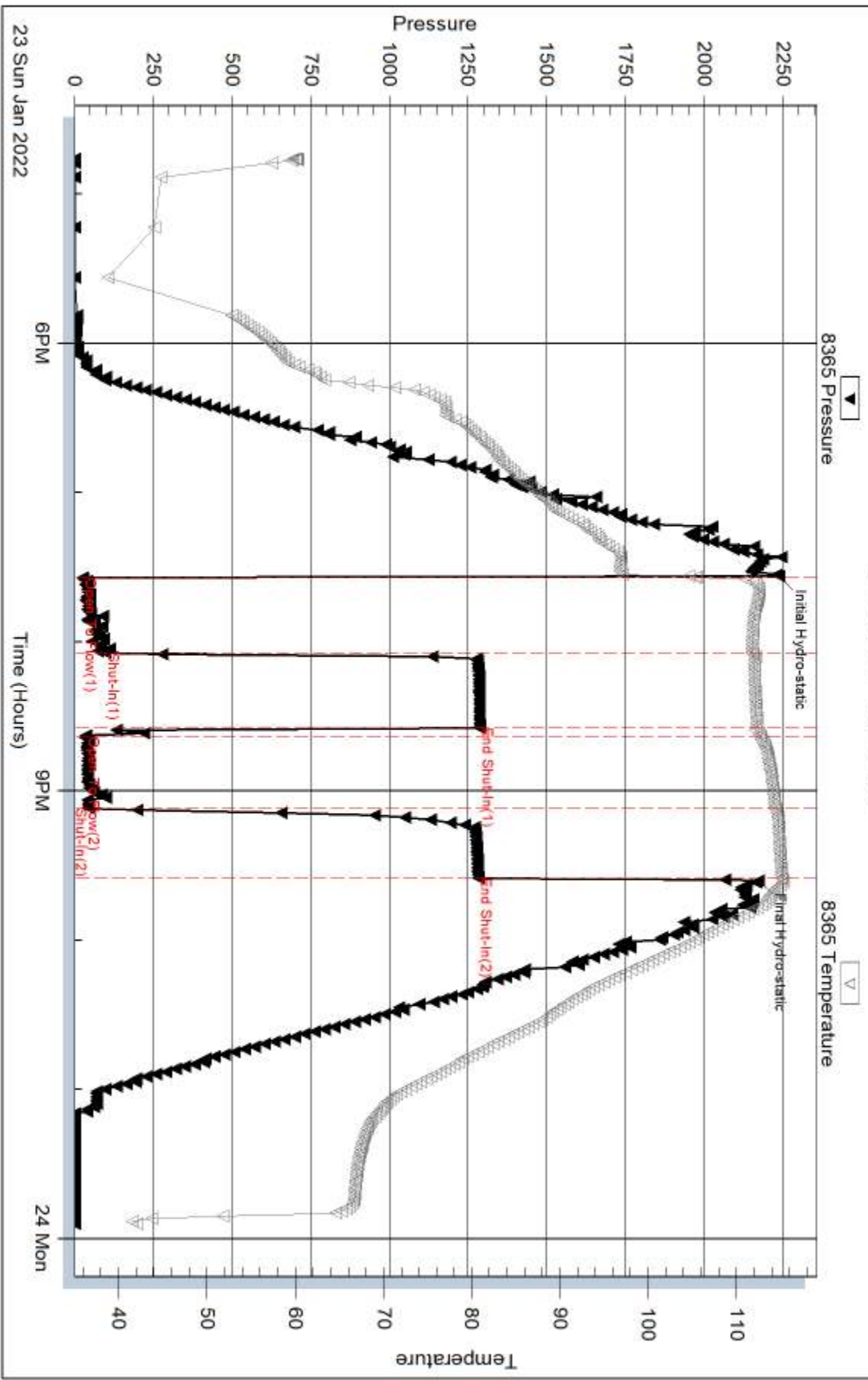
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM

Pressure vs. Time

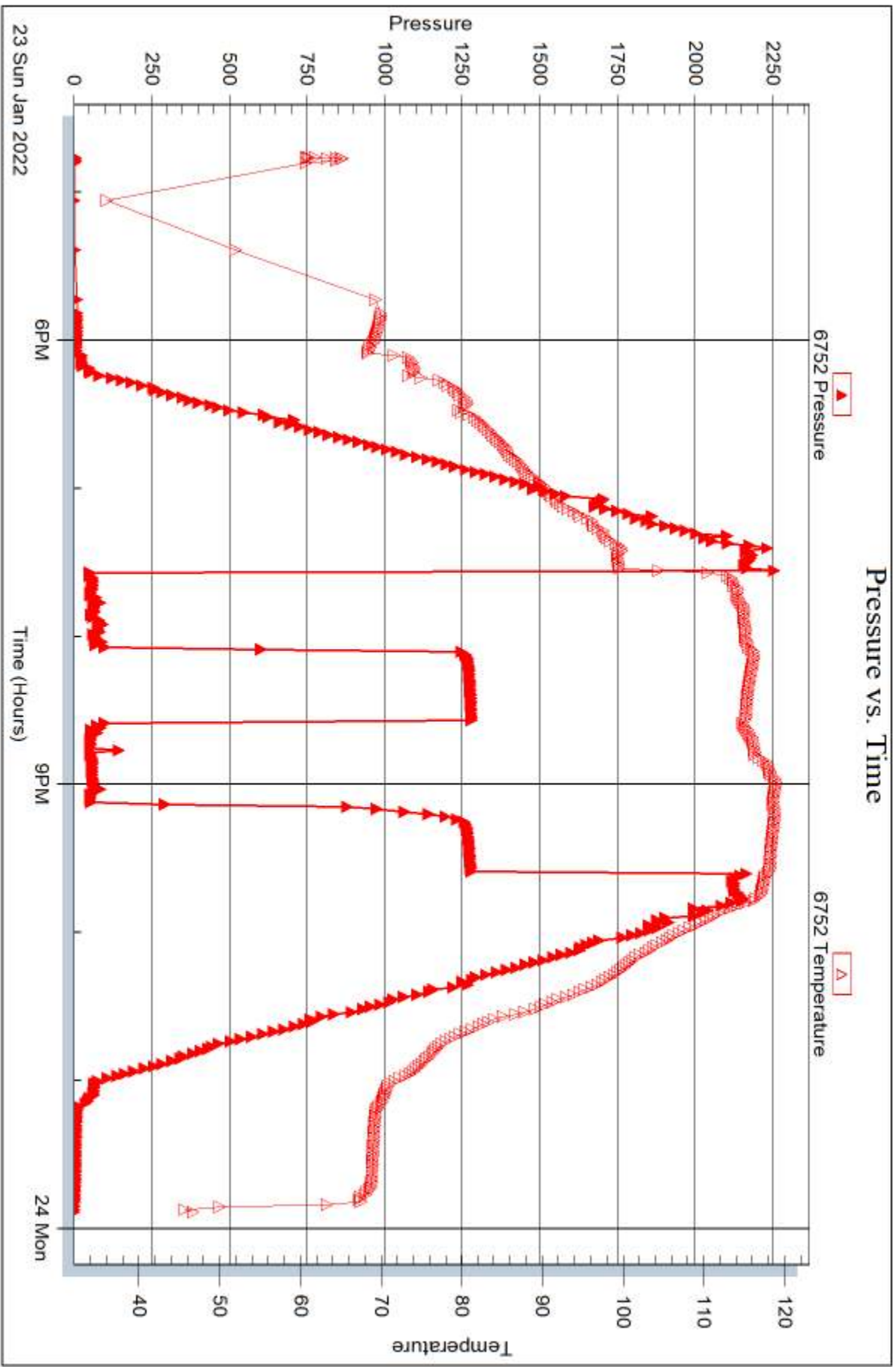


Serial #: 6752

Outside Pickett Drilling Company

Borger I#1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68457

Printed: 2022.01.25 @ 11:43:58



DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Company**

100 S. Main STE 505
Wichita, KS 67202-3738

ATTN: Aaron Young

Borger I #1

25-19s-22w Ness, KS

Start Date: 2022.01.23 @ 09:00:00

End Date: 2022.01.23 @ 16:48:02

Job Ticket #: 68458 DST #: 3

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

Printed: 2022.01.25 @ 11:43:23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Company
100 S. Main STE 505
Wichita, KS 67202-3738
ATTN: Aaron Young

25-19s-22w Ness, KS

Borger I #1

Job Ticket: 68458

DST#: 3

Test Start: 2022.01.23 @ 09:00:00

GENERAL INFORMATION:

Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:17:32
 Time Test Ended: 16:48:02
 Interval: **4414.00 ft (KB) To 4420.00 ft (KB) (TVD)**
 Total Depth: 4420.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Kevin Webster
 Unit No: 72
 Reference Elevations: 2291.00 ft (KB)
 2281.00 ft (CF)
 KB to GR/CF: 10.00 ft

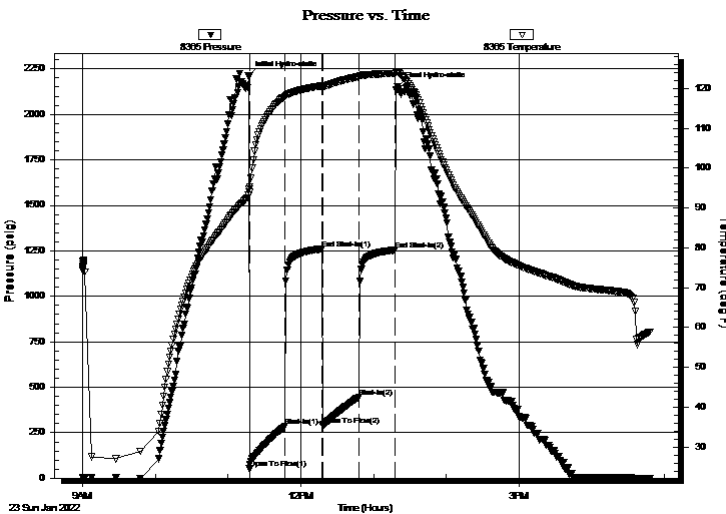
Serial #: 8365

Inside

Press@RunDepth: 446.74 psig @ 4415.00 ft (KB) Capacity: psig
 Start Date: 2022.01.23 End Date: 2022.01.23 Last Calib.: 2022.01.23
 Start Time: 09:00:01 End Time: 16:48:02 Time On Btm: 2022.01.23 @ 11:17:17
 Time Off Btm: 2022.01.23 @ 13:19:47

TEST COMMENT: 30 IF- Strong blow bob in 6 min
 30 IS- WSB
 30 FF- Strong blow bob in 7 min
 30 FSI- WSB

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2211.17	94.80	Initial Hydro-static
1	51.68	93.98	Open To Flow (1)
30	283.95	117.86	Shut-In(1)
61	1260.08	120.64	End Shut-In(1)
61	291.86	120.30	Open To Flow (2)
91	446.74	122.99	Shut-In(2)
121	1254.78	123.80	End Shut-In(2)
123	2153.49	124.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
32.00	5% Gas 95% Oil	0.16
806.00	5% Gas 5% Oil 90% Water	10.52
62.00	5% Oil 75% Water 20% Mud	0.87

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Company

25-19s-22w Ness,KS

100 S. Main STE 505
Wichita,KS 67202-3738

Borger I #1

Job Ticket: 68458

DST#: 3

ATTN: Aaron Young

Test Start: 2022.01.23 @ 09:00:00

Tool Information

Drill Pipe:	Length: 4284.00 ft	Diameter: 3.80 inches	Volume: 60.09 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 60.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4414.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4388.00	
Shut In Tool	5.00			4393.00	
Hydraulic tool	5.00			4398.00	
Jars	5.00			4403.00	
Safety Joint	2.00			4405.00	
Packer	5.00			4410.00	27.00 Bottom Of Top Packer
Packer	4.00			4414.00	
Stubb	1.00			4415.00	
Recorder	0.00	8365	Inside	4415.00	
Recorder	0.00	6752	Outside	4415.00	
Perforations	2.00			4417.00	
Bullnose	3.00			4420.00	6.00 Bottom Packers & Anchor

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Company
100 S. Main STE 505
Wichita, KS 67202-3738
ATTN: Aaron Young

25-19s-22w Ness, KS
Borger I #1
Job Ticket: 68458 **DST#: 3**
Test Start: 2022.01.23 @ 09:00:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
32.00	5% Gas 95% Oil	0.157
806.00	5% Gas 5% Oil 90% Water	10.523
62.00	5% Oil 75% Water 20% Mud	0.870

Total Length: 900.00 ft Total Volume: 11.550 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 1#LCM

Serial #: 8365

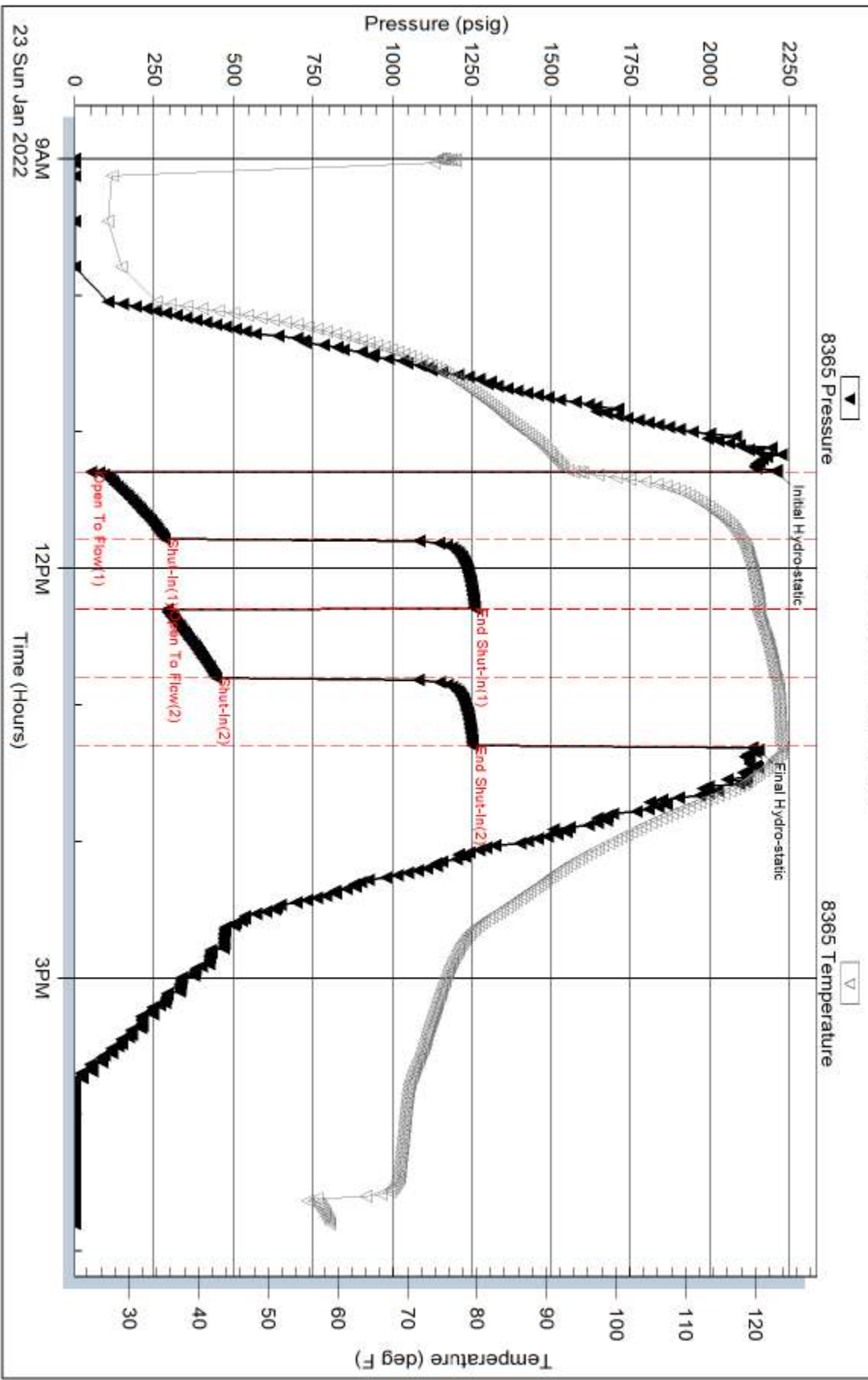
Inside

Pickell Drilling Company

Borger I#1

DST Test Number: 3

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 68458

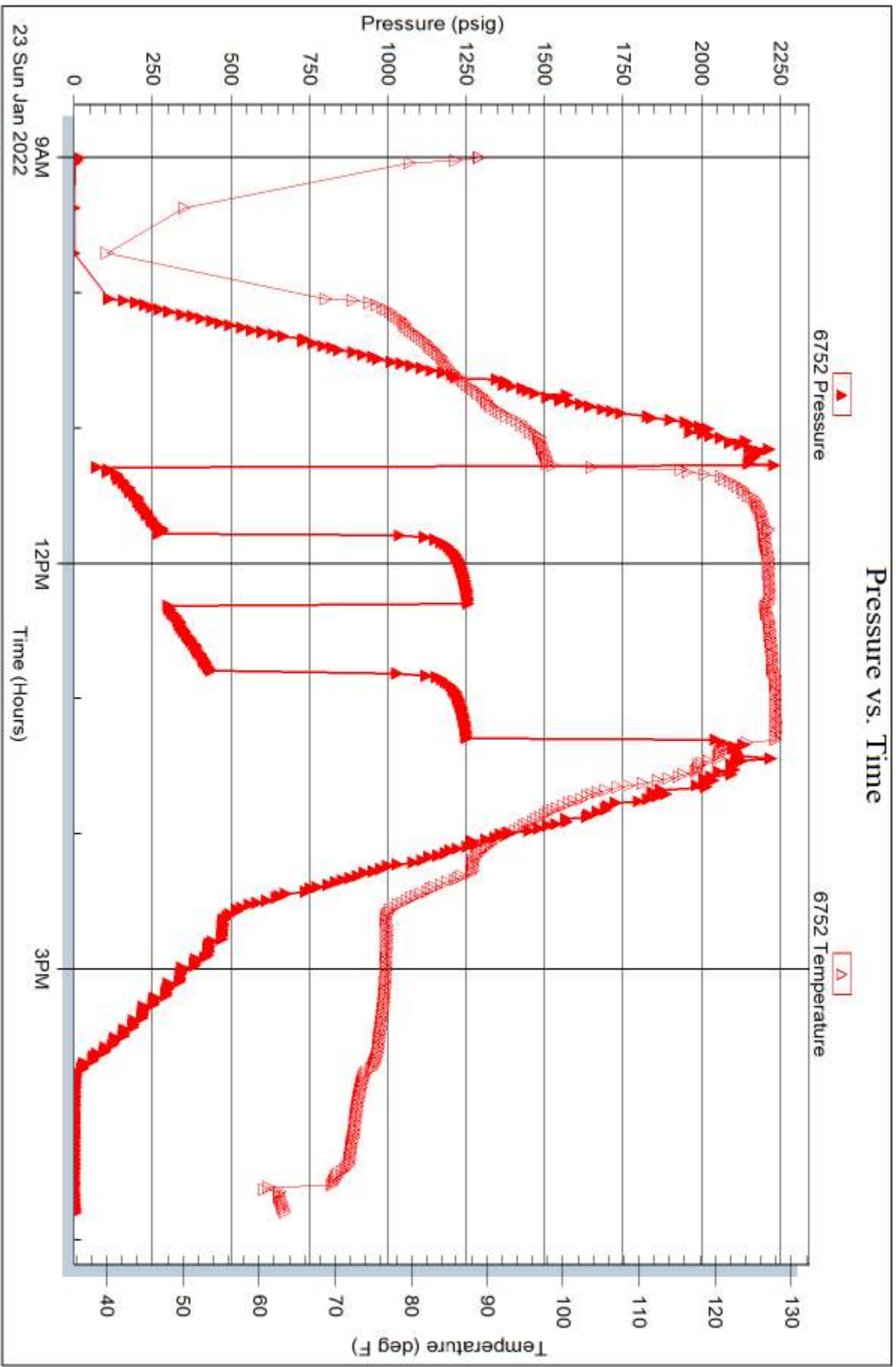
Printed: 2022.01.25 @ 11:43:26

Serial #: 6752

Outside Pickett Drilling Company

Borger I#1

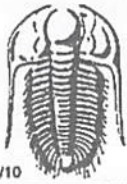
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 68458

Printed: 2022.01.25 @ 11:43:26



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68456

Well Name & No. Bolger #1 Test No. 1 Date 1/22/22
 Company Pickrell Drilling Company Elevation 2291 KB 2281 GL
 Address 100 S Main STE 505 Witchita, KS 67202-3738
 Co. Rep / Geo. Aaron Young Rig Pickrell #10
 Location: Sec. 25 Twp 19S Rge. 22W Co. NESS State KS

Interval Tested 4346 - 4408 Zone Tested Mi ss.
 Anchor Length 62 Drill Pipe Run 4221 Mud Wt. 8.8
 Top Packer Depth 4351 Drill Collars Run 118 Vis 64
 Bottom Packer Depth 4346 Wt. Pipe Run 0 WL 9.6
 Total Depth 4408 Chlorides 11,200 ppm System LCM 1 #

Blow Description IF-WSB died in 6min
ISF- NO RETURNS
FF-
FSI-

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>VSOCM</u>	<u>1</u>		<u>99</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

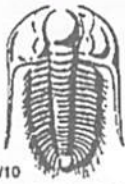
Rec Total 5 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2275 Test 1450 T-On Location 02:00
 (B) First Initial Flow 35 Jars 250 T-Started 06:30
 (C) First Final Flow 43 Safety Joint 75 T-Open 10:26
 (D) Initial Shut-In 1216 Circ Sub T-Pulled 10:06
 (E) Second Initial Flow _____ Hourly Standby 1.25h 125 T-Out 12:15
 (F) Second Final Flow _____ Mileage 74RT 92.50 Comments told on bank at 3:00
 (G) Final Shut-In _____ Sampler _____ pulled tight had to short trip
 (H) Final Hydrostatic 2155 Straddle _____ EM Tool _____

Initial Open 10 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow X Extra Recorder _____ Extra Copies _____
 Final Shut-In X Day Standby _____ Sub Total 0
 Sub Total 1992.50 Accessibility _____ Total 1992.50
 MP/DST Disc't _____

Approved By _____ Our Representative Kevin Kiebstor

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68457**

Well Name & No. BORDER I #1 Test No. 2 Date 1/24/02
 Company Pickrell Drilling Company Elevation 2291 KB 2781 GL
 Address 100 S. Main ST #505 WICHITA, KS 67202-3738
 Co. Rep / Geo. Aaron Young Rig Pickrell #10
 Location: Sec. 25 Twp 19S Rge. 22W Co. Ness State KS

Interval Tested 4408 - 4414 Zone Tested MISS
 Anchor Length 6 Drill Pipe Run 4283 Mud Wt. 9.3
 Top Packer Depth 4403 Drill Collars Run 118 Vis 48
 Bottom Packer Depth 4408 Wt. Pipe Run 0 WL 8.8
 Total Depth 4414 Chlorides 8800 ppm System LCM 1 #

Blow Description IF - WSB built to 4"
FSF - No returns
FF - WSB built to
FSF - No returns

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>			<u>1</u>		<u>99</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

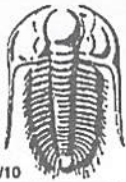
Rec Total 5 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2239 Test 1450 T-On Location 16:25
 (B) First Initial Flow 25 Jars 250 T-Started 16:46
 (C) First Final Flow 97 Safety Joint 75 T-Open 21:35
 (D) Initial Shut-In 1288 Circ Sub T-Pulled 23:35
 (E) Second Initial Flow 34 Hourly Standby T-Out 0200
 (F) Second Final Flow 46 Mileage 74 Rt 92.50 Comments _____
 (G) Final Shut-In 1283 Sampler _____
 (H) Final Hydrostatic 2173 Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total 1867.50 MP/DST Disc't _____

Approved By _____ Our Representative Kevin Webster

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68458

Well Name & No. Bogger I #1 Test No. 3 Date 11/23/22
 Company PICKRELL DRILLING COMPANY Elevation 2291 KB 2281 GL
 Address 100 S. MAIN ST #309 WICHITA, KS 67202-5738
 Co. Rep / Geo. ADAM YOUNG Rig PICKRELL #10
 Location: Sec. 25 Twp 19S Rge. 22W Co. IVSS State KY

Interval Tested 4414 - 4420 Zone Tested MISS
 Anchor Length 6 Drill Pipe Run 4284 Mud Wt. 9.4
 Top Packer Depth 4409 Drill Collars Run 178 Vis 48
 Bottom Packer Depth 4414 Wt. Pipe Run 0 WL 4.8
 Total Depth 4420 Chlorides 9800 ppm System LCM 1F

Blow Description IF - strong blow bob 6 min
ISF - WSB
FF - strong blow bob 7 min
PSI - WSB

Rec	Feet of	%gas	%oil	%water	%mud
<u>32</u>		<u>5</u>	<u>95</u>		
<u>806</u>		<u>5</u>	<u>5</u>	<u>90</u>	
<u>62</u>			<u>5</u>	<u>75</u>	<u>20</u>

Rec Total 868 BHT 124 Gravity 39 API RW 29.7 @ 67 °F Chlorides 25,000 ppm

(A) Initial Hydrostatic 2211 Test 1450 T-On Location 08:30
 (B) First Initial Flow 51 Jars 250 T-Started 09:00
 (C) First Final Flow 283 Safety Joint 75 T-Open 11:18
 (D) Initial Shut-In 1260 Circ Sub T-Pulled 1318
 (E) Second Initial Flow 291 Hourly Standby T-Out 1645
 (F) Second Final Flow 446 Mileage 74 RT 92.50 Comments _____
 (G) Final Shut-In 1254 Sampler _____
 (H) Final Hydrostatic 2153 Straddle _____

Initial Open 30 Shale Packer _____ EM Tool _____
 Initial Shut-In 30 Extra Packer _____ Ruined Shale Packer _____
 Final Flow 30 Extra Recorder _____ Ruined Packer _____
 Final Shut-In 30 Day Standby _____ Extra Copies _____
 Sub Total 0
 Total 1867.50
 Sub Total 1867.50 MP/DST Disc't _____

Approved By _____ Our Representative Kevin Webster

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
1/18/2022	34035

BILL TO
Pickrell Drilling Co. Inc. PO Box 375 Ness City, KS 67560

- Acidizing
- Cement

JAN 20 2022 Tool Rental

VENDOR	BATCH NO.
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TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Borger I	Ness	Company Tools	Oil	Development	Surface Pipe	Gideon
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	6.00	120.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.)				1	Job	1,000.00	1,000.00
325	Standard Cement				150	Sacks	14.50	2,175.00T
279	Bentonite Gel				3	Sack(s)	30.00	90.00T
278	Calcium Chloride				7	Sack(s)	40.00	280.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
581D	Service Charge Cement				150	Sacks	2.00	300.00
582D	Minimum Drayage Charge				1	Each	300.00	300.00
	Subtotal							4,349.00
	Sales Tax Ness County						6.50%	170.89
154200 110 #1								

We Appreciate Your Business!	Total	\$4,519.89
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Services, Inc.

CHARGE TO:

ADDRESS

Pickel Dlg Co

CITY, STATE, ZIP CODE

TICKET

34035

PAGE 1 OF 1

1. SERVICE LOCATIONS Ness Chg. B's	WELL/PROJECT NO. #1	LEASE Borger I	COUNTY/PARISH Ness	STATE KS	CITY Bazine	DATE 1-18-2008	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR Co Tools	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO Location	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE D/I	WELL CATEGORY Development	JOB PURPOSE Surface Pps	WELL LOCATION Bazine, 6-5, 15-12		N-117C		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		U/M	U/M	U/M			
576					MILEAGE Trk #115				20	6.00	120.00
576S					Pump Charge - Surface				1 job	1,000.00	1,000.00
326					Standard Cement				150	14.00	2,100.00
279					Bentobrite Gel				3	30.00	90.00
278					Calcium Chloride				17	40.00	680.00
290					D-Air				2	42.00	84.00
581					Cement Service Charge				150	2.00	300.00
882					Minimum Dryage Charge				1	300.00	300.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

DATE SIGNED
1-18-2008

TIME SIGNED
2:30

A.M.
 P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	WE UNDERSTOOD AND MET YOUR NEEDS?	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	ARE YOU SATISFIED WITH OUR SERVICE?	CUSTOMER DID NOT WISH TO RESPOND		
AGREE	UNDECIDED	DISAGREE	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
			1	EN				
PAGE TOTAL							4349.00	
TOTAL							4519.89	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: *Richard Fuchs* APPROVAL: _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 1-18-2022 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Pickrell Drdg Co		#1		Borger I		Surface Pipe		34035	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
1/17	2330							ON LOCATION 8 5/8" 2316/186	
								RTD: 222'	
1/18	0015							Break Circulation	
	0030	4	5			250		Pump 5 bbl H ₂ O	
	0035	3	36			150		Mix 150 sks of STANDARD CMT @ 14.7 ppg	
	0050	4	0			100		Begin Displacement	
		4	10			300		Circulate CMT to Surface -15sks	
	0100	-	13			200		KO Pump * Shut in * - Release PSI * Hold *	
								Plug Down @ 1:00 AM CST	
	0115							Wash up Trk #115	
	0215							Job Complete	
	0215							150 sks of STANDARD CMT w/ 2% gel, 3% CC used 15 sks to the Pit	
								THANKS!	
								Seclon, Mack, John	