

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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) (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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Form	ACO1 - Well Completion
Operator	Pickrell Drilling Company, Inc.
Well Name	PETERSILIE B-T 1
Doc ID	1585255

All Electric Logs Run

Dual Induction
CDNPE
Micro
Bond GR CCL



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



Invoice

DATE	INVOICE #
6/23/2021	33823

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Petersilie BT	Ness	Company Tools	Oil	Development	Surface Pipe	Gideon
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				10	Miles	5.00	50.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.)				1	Job	925.00	925.00
325	Standard Cement				165	Sacks	13.50	2,227.50T
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
410-8	8 5/8" Top Plug				1	Each	130.00	130.00T
581D	Service Charge Cement				165	Sacks	1.85	305.25
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							4,341.75
	Sales Tax Ness County						6.50%	182.75

We Appreciate Your Business!

Total

\$4,524.50



Services, Inc.

CHARGE TO: Pickrell Dr
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET **33823**

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>Ness City, KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Petroleum BT</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>6-23-2021</u>	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Co Tools</u>	RIG NAME/NO.	SHIPPED VIA <u>BT</u>	DELIVERED TO <u>Locand</u>	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE <u>09</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Surface Pipe</u>					
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS					WELL LOCATION <u>Ness City 10-S-1-10</u>	

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		AMOUNT	
		LOC	ACCT	DF		UM	UM	PRICE			
576					MILEAGE			10	m	5.00	50.00
576.5					Pump Charge - Surface			1	job	925.00	925.00
326					Standard CMT			165	sk	13.00	2227.50
879					Bentonite Gel			3	sk	30.00	90.00
878					Calcium Chloride			7	sk	40.00	280.00
290					D-Air			2	gal	42.00	84.00
410					Top Plug			1	EA	130.00	130.00
581					CMT Service Charge			1	sk	305.00	305.00
582					Minimum Drayage Charge			1	EA	260.00	260.00

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 6-23-2021 TIME SIGNED 1:30 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?	AGREE	UNDECIDED	DISAGREE
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 YES NO

PAGE TOTAL 1
 TOTAL 4524.50

SWIFT OPERATOR Shelton Trucks APPROVAL

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

Thank You!

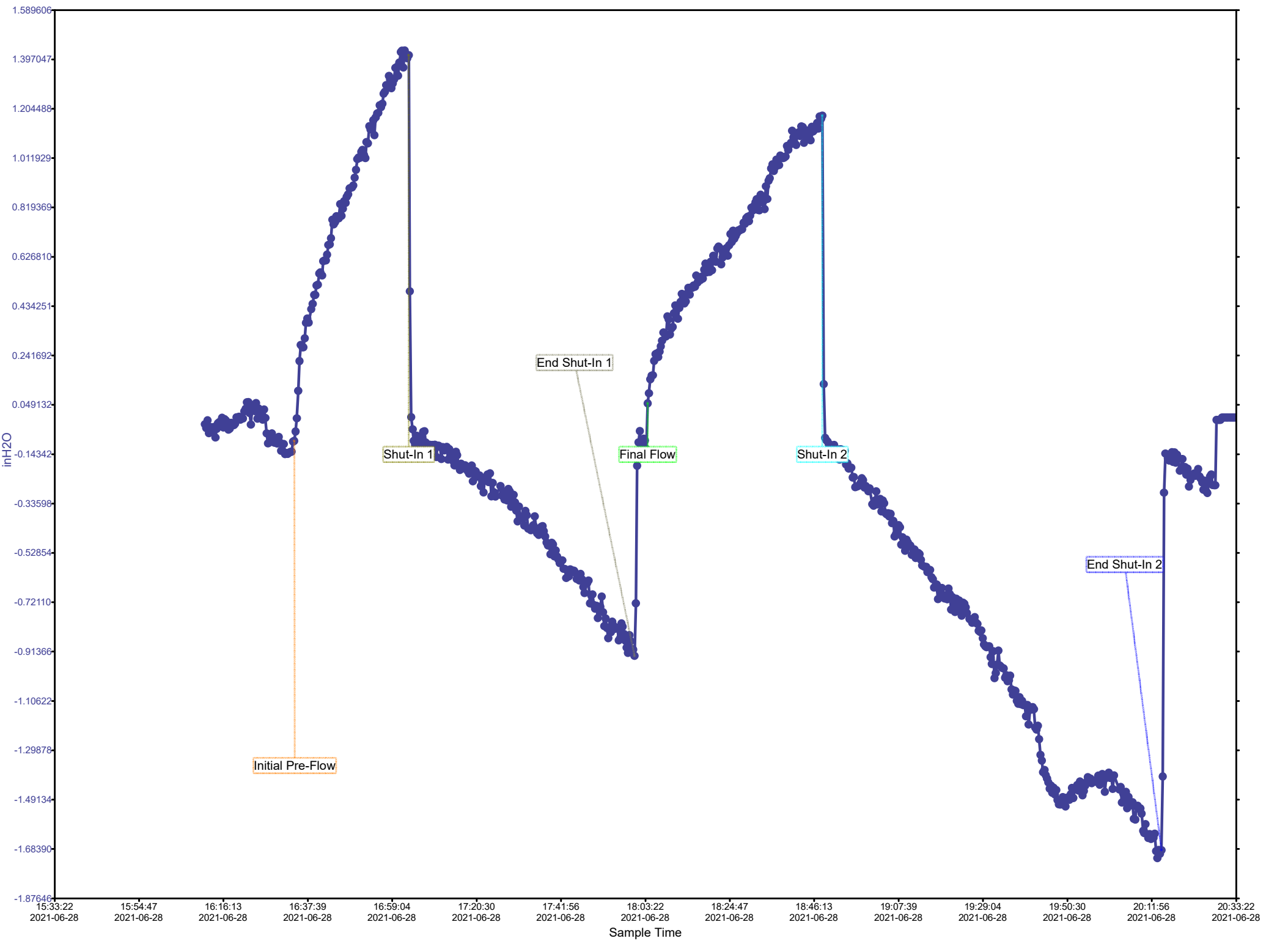
JOB LOG

SWIFT Services, Inc.

DATE 6-22-2019 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Pickrell Drly		# 1		Petersile BT		Surface Pipe		33823	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
6-22	2200								ON LOCATION 8 5/8" 2316/19
									RTD: 221'
	2215								Start 8 5/8 2316/19 Csg in Well
	2300								Circulate last two joints down
	2345								Break Circulation
	2355	4	5			100			Pump 5bbl H ₂ O Spacer
6-23	0000	3	40			100			Mix 165 sks of Standard CMT 2% gel, 3% CC @ 14.7ppg
	0015	4	13 1/4			100			Start Displacement - Release Top plug
		4	10			300			Circulate CMT to Surface
	0020					200			KO Pump & shut in
	0025								- Release PSI & Hold
	0030								& Plug down @ 12:20 AM CST
									Wash up Trk #112
	0100								Job Complete
									165 sks of Standard CMT w/ 2% gel, 3% CC used
									& 15 sks to the Pit &
									Plug down @ 12:20 AM CST
									THANKS!
									Gideon, Kirby, Isaac

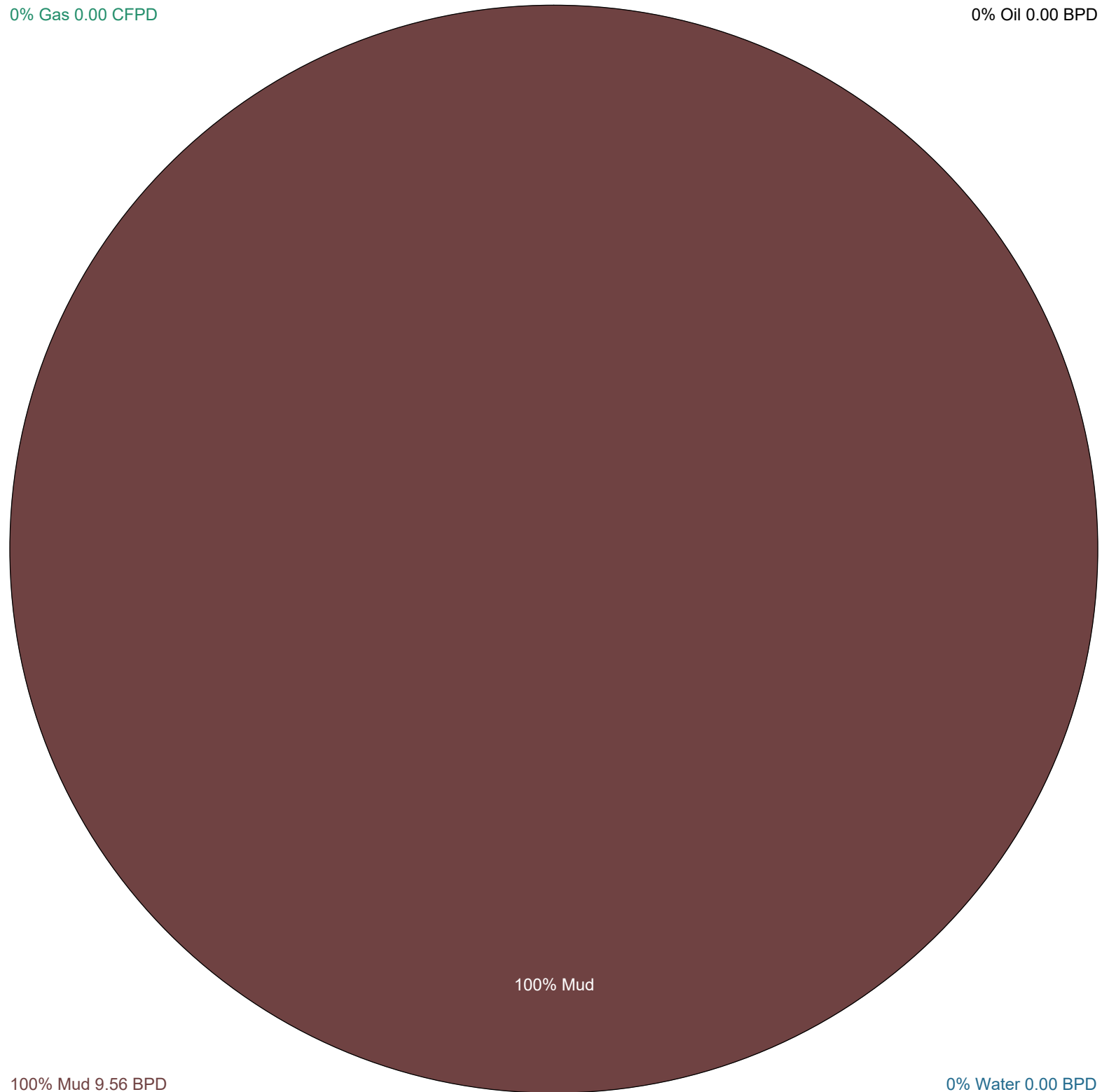
Pickrell Drilling CO. - Petersilie B-T #1 - DST #1



Calculated Recovery Analysis - Pickrell Drilling CO. - Petersilie B-T #1 - DST #1

0% Gas 0.00 CFPD

0% Oil 0.00 BPD



100% Mud

100% Mud 9.56 BPD

0% Water 0.00 BPD



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co, Inc.

12 20s 24w

100 S Main Ste 505
Wichita, Ks 67202

Petersilie B-T #1

Job Ticket: 67479

DST#: 1

ATTN: Aaron Young.

Test Start: 2021.06.28 @ 14:35:00

GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:35:00

Time Test Ended: 22:12:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 4294.00 ft (KB) To 4330.00 ft (KB) (TVD)

Total Depth: 4330.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2328.00 ft (KB)

2321.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8319 Outside

Press@RunDepth: 52.80 psig @ 4295.00 ft (KB)

Start Date: 2021.06.28

End Date:

2021.06.28

Start Time: 14:35:05

End Time:

22:11:59

Capacity: 8000.00 psig

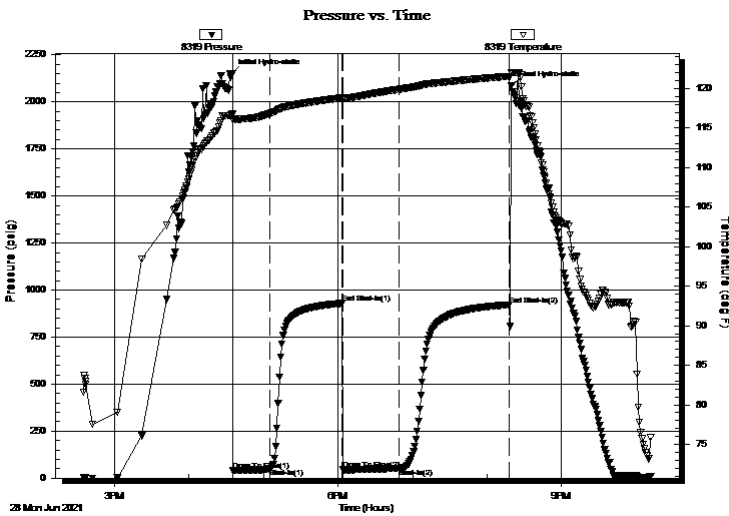
Last Calib.: 2021.06.28

Time On Btm: 2021.06.28 @ 16:34:15

Time Off Btm: 2021.06.28 @ 20:19:45

TEST COMMENT: 30- IF: 1.4" blow .
60- IS: No return.
45- FF: 1.2" blow .
90- FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2151.90	116.73	Initial Hydro-static
1	41.76	116.04	Open To Flow (1)
31	50.07	116.84	Shut-In(1)
89	929.04	118.82	End Shut-In(1)
90	45.86	118.70	Open To Flow (2)
135	52.80	119.90	Shut-In(2)
224	921.58	121.56	End Shut-In(2)
226	2086.92	121.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Mud 100m (oil spots in tool)	

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co, Inc.

12 20s 24w

100 S Main Ste 505
Wichita, Ks 67202

Petersilie B-T #1

Job Ticket: 67479

DST#: 1

ATTN: Aaron Young.

Test Start: 2021.06.28 @ 14:35:00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
35.00	Mud 100m (oil spots in tool)	

Total Length: 35.00 ft Total Volume: bbl

Num Fluid Samples: 0

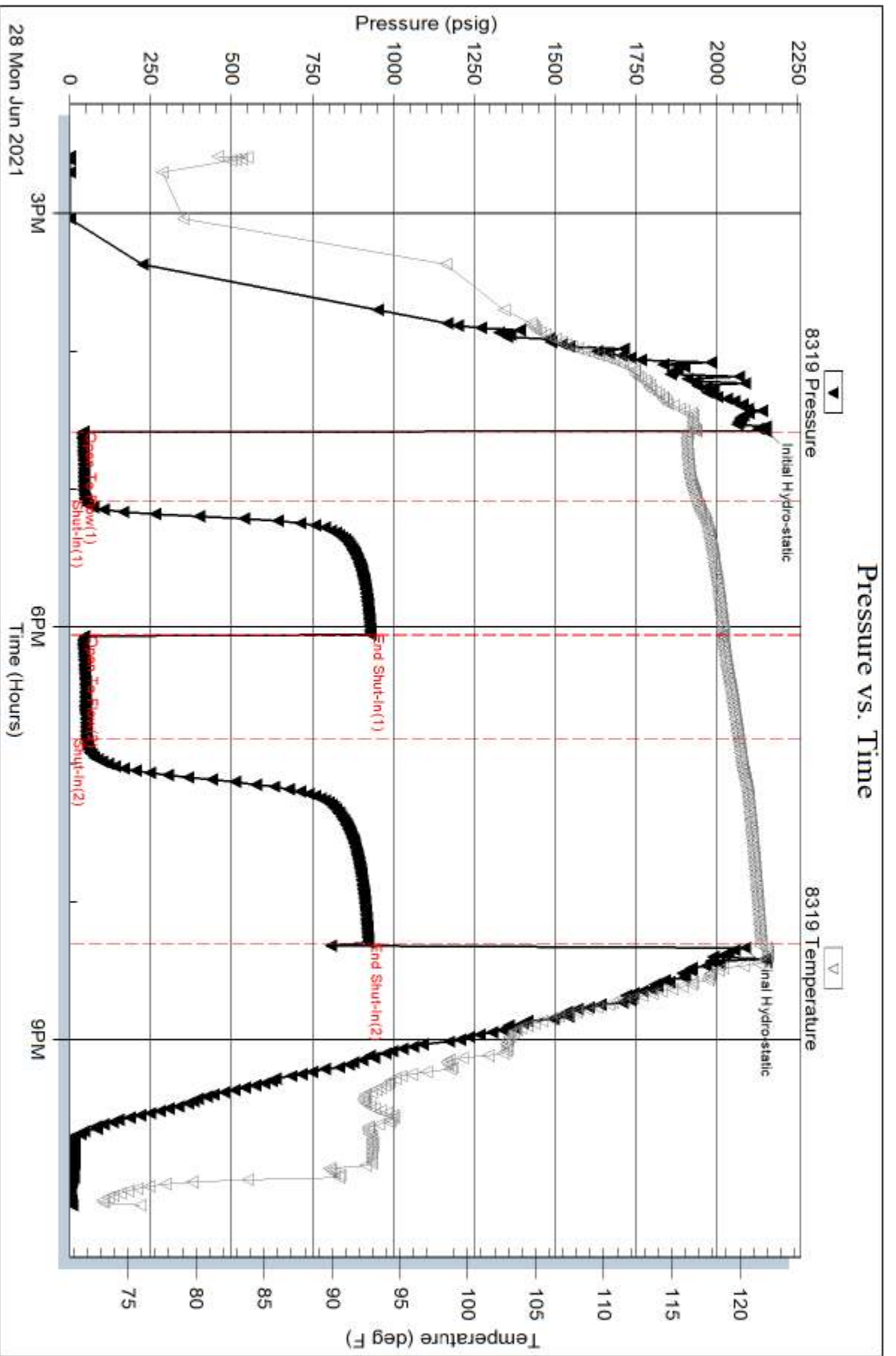
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



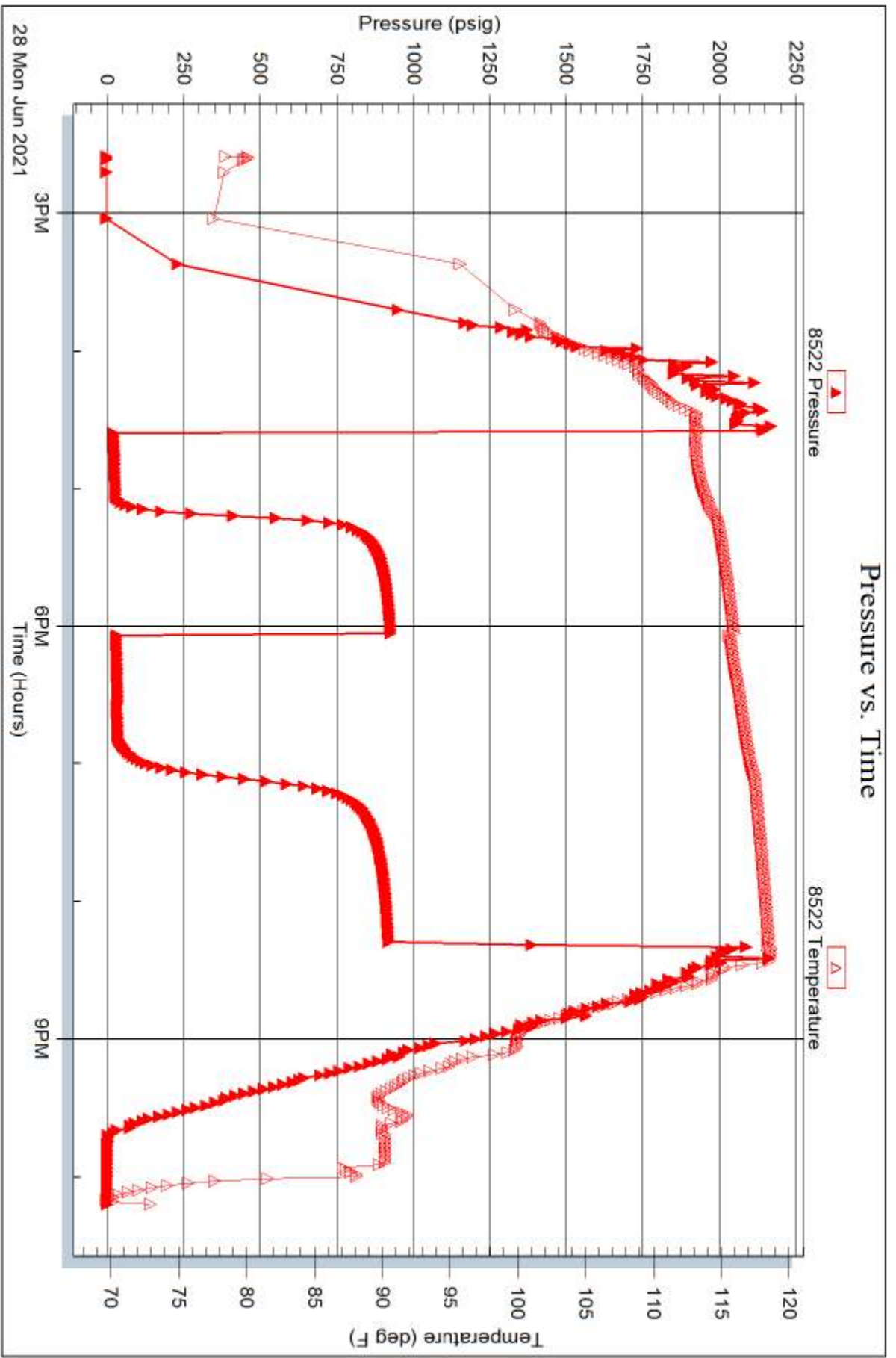
Serial #: 8522

Inside

Pickrell Drilling Co. Inc.

Petersite B-T #1

DST Test Number: 1

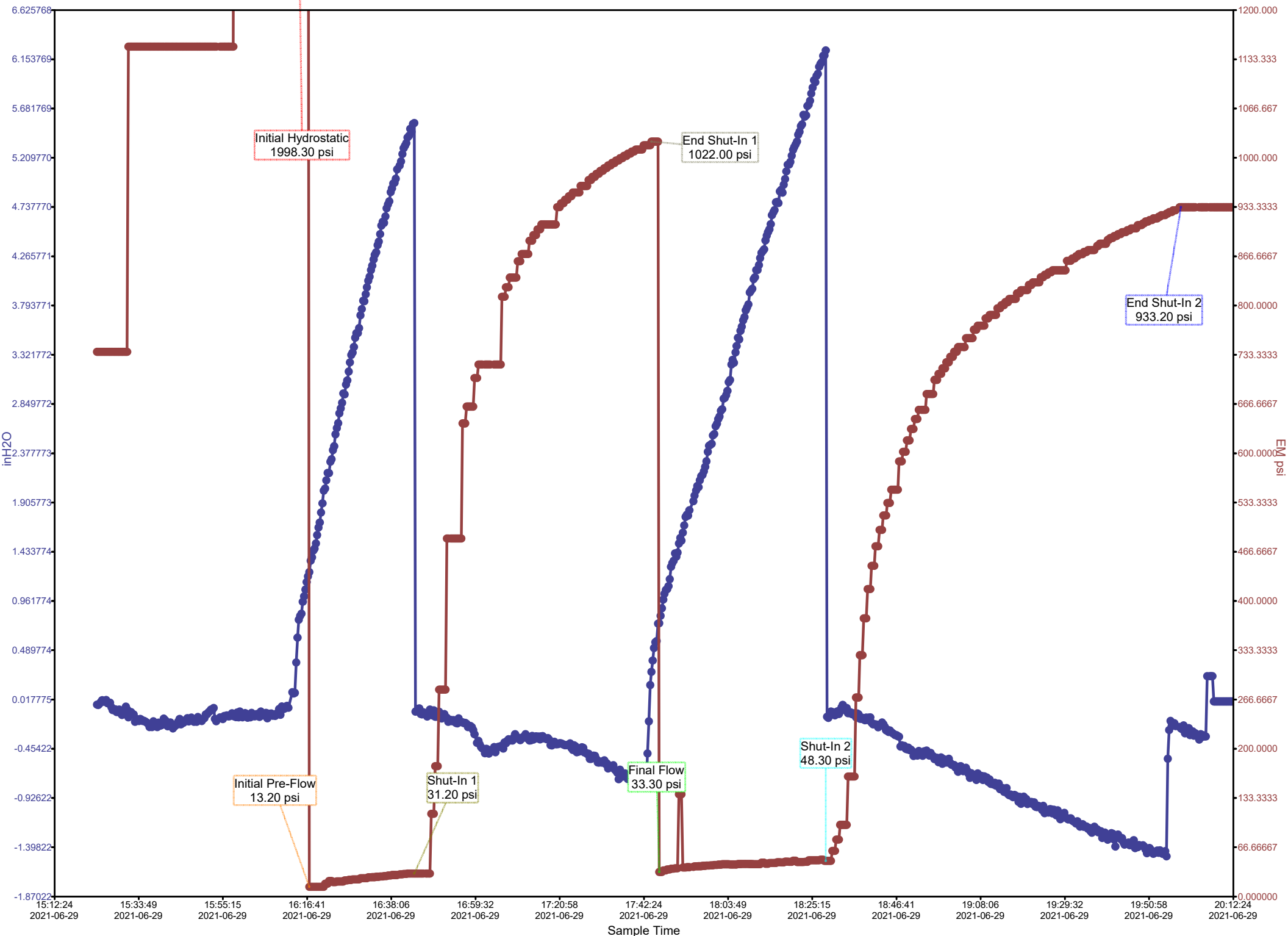


Trilobite Testing, Inc

Ref. No: 67479

Printed: 2021.06.28 @ 22:56:18

Pickrell Drilling CO. - Petersilie B-T #1 - DST #2



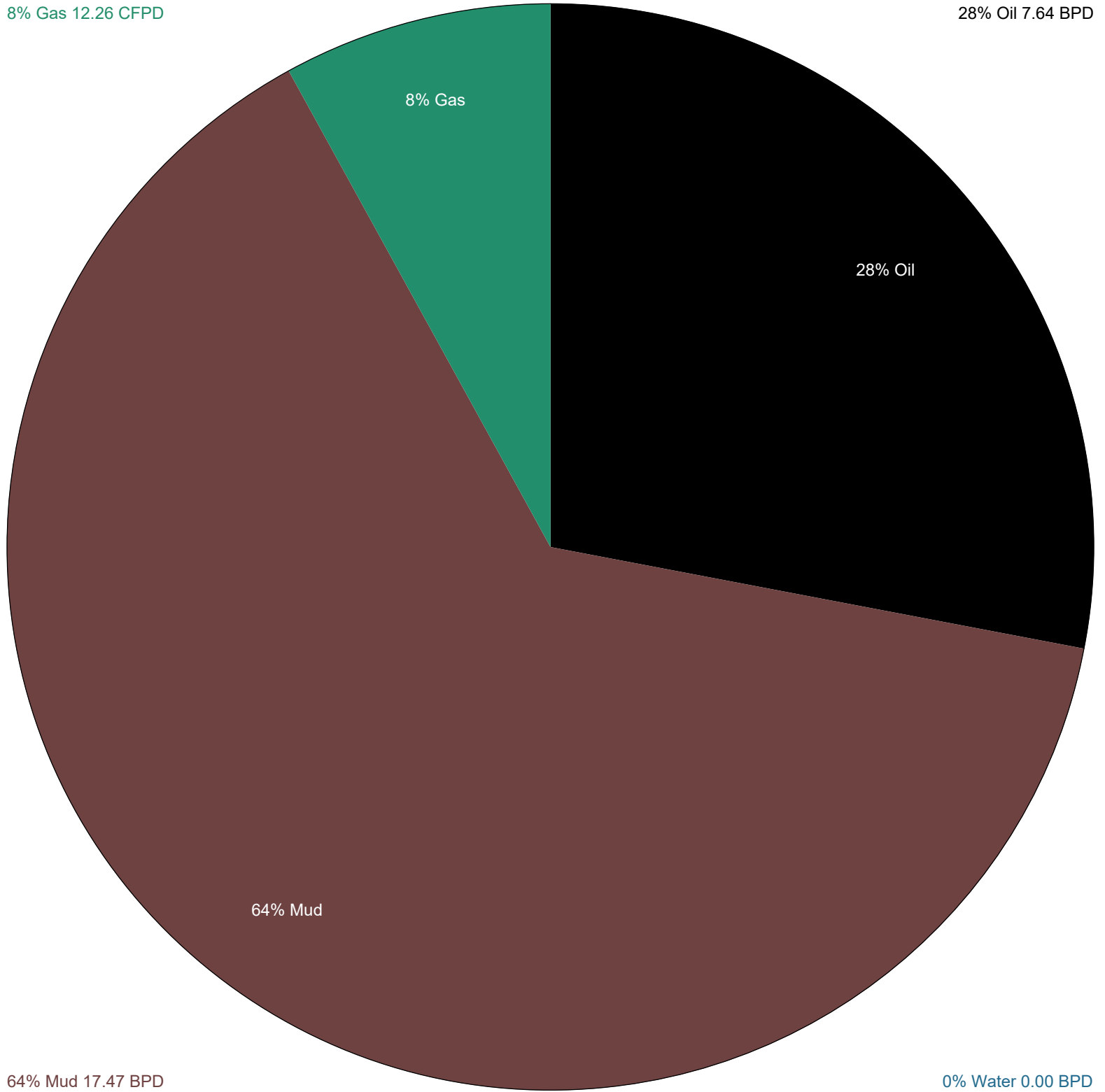
Calculated Recovery Analysis - Pickrell Drilling CO. - Petersilie B-T #1 - DST #2

8% Gas 12.26 CFPD

28% Oil 7.64 BPD

64% Mud 17.47 BPD

0% Water 0.00 BPD





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co, Inc.

12 20s 24w

100 S Main Ste 505
Wichita, Ks 67202

Petersilie B-T #1

Job Ticket: 67480

DST#: 2

ATTN: Aaron Young.

Test Start: 2021.06.29 @ 14:10:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:14:00

Time Test Ended: 22:13:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4356.00 ft (KB) To 4428.00 ft (KB) (TVD)

Reference Elevations: 2328.00 ft (KB)

Total Depth: 4428.00 ft (KB) (TVD)

2321.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8522 Inside

Press@RunDepth: 59.26 psig @ 4357.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.06.29 End Date: 2021.06.29

Last Calib.: 2021.06.29

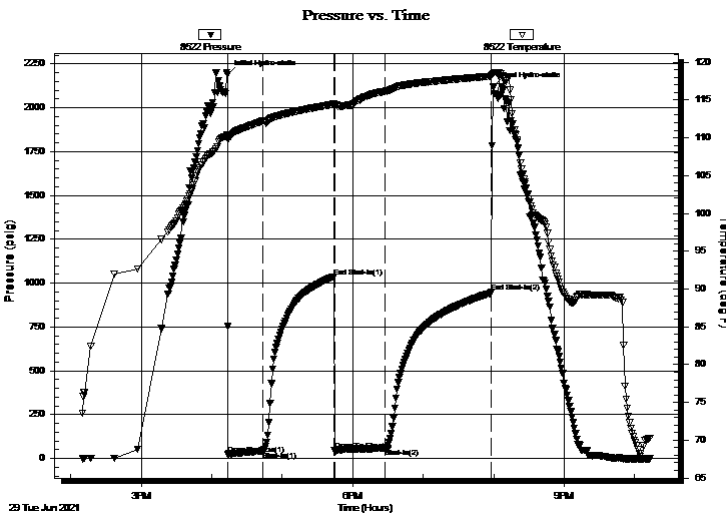
Start Time: 14:10:05 End Time: 22:13:14

Time On Btm: 2021.06.29 @ 16:13:15

Time Off Btm: 2021.06.29 @ 19:59:30

TEST COMMENT: 30- IF: 5.5" blow .
60- IS: No return.
45- FF: 6.2" blow .
90- FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2189.85	110.33	Initial Hydro-static
1	25.24	109.80	Open To Flow (1)
31	42.85	112.23	Shut-In(1)
91	1035.23	114.44	End Shut-In(1)
92	44.49	114.26	Open To Flow (2)
135	59.26	116.14	Shut-In(2)
225	946.83	118.16	End Shut-In(2)
227	2122.19	118.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	gocm 10g 10o 80m	
20.00	oil 100o	

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co, Inc.

12 20s 24w

100 S Main Ste 505
Wichita, Ks 67202

Petersilie B-T #1

Job Ticket: 67480

DST#: 2

ATTN: Aaron Young.

Test Start: 2021.06.29 @ 14:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
80.00	gocm 10g 10o 80m	
20.00	oil 100o	

Total Length: 100.00 ft

Total Volume: bbl

Num Fluid Samples: 0

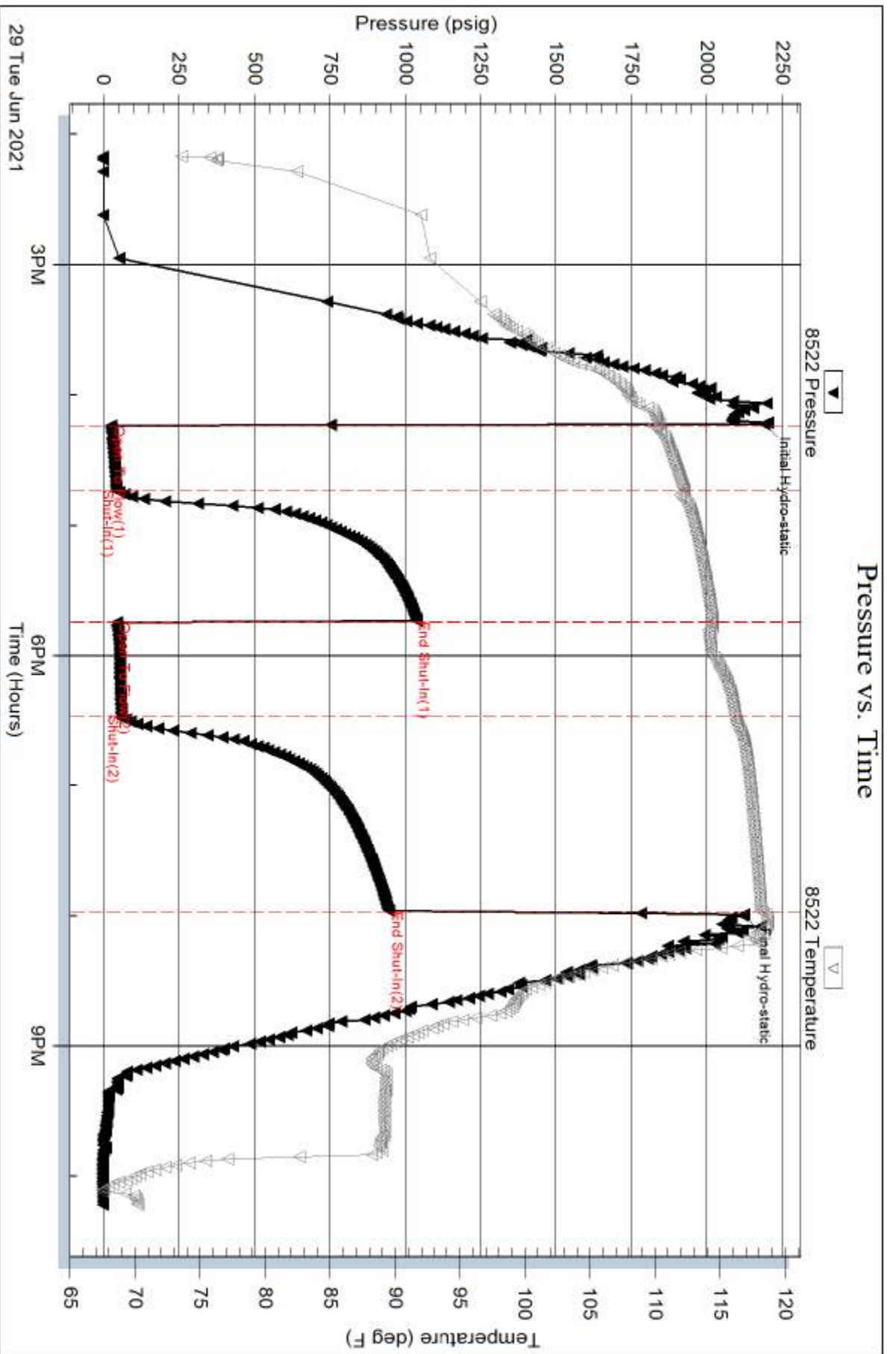
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

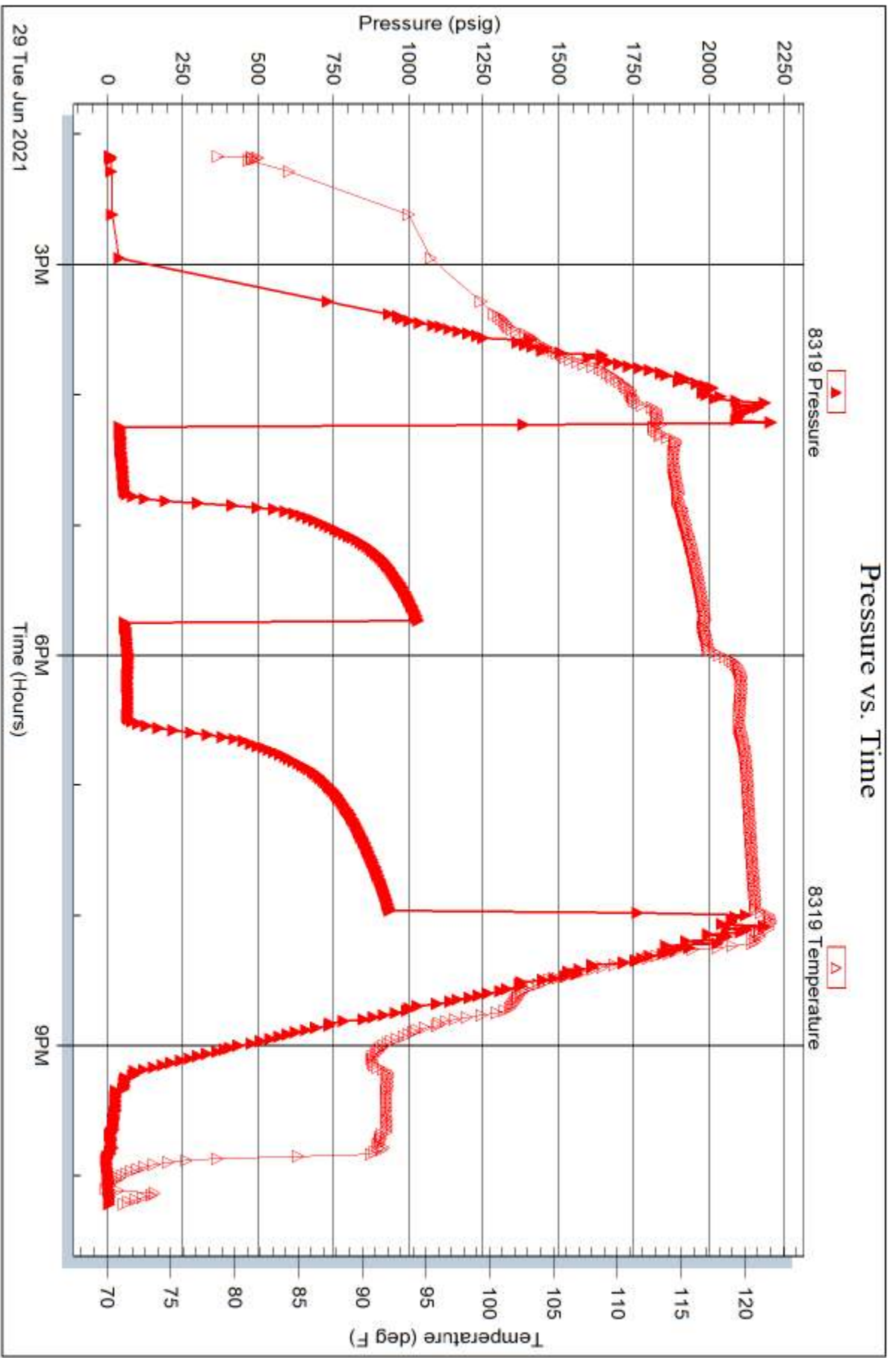


Serial #: 8319

Outside Pickett Drilling Co. Inc.

Petersite B-T#1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 67480

Printed: 2021.06.29 @ 22:25:25

Geologic Report
Aaron L. Young

Drilling Time and Sample Log

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

Well Name: Petersilie B-T #1
API: 15-135-26103
Location: Section 12 - T20S - R24W
License Number: 5123
Spud Date: 06 / 22 / 2021
Surface Coordinates: 2310' FNL and 1320' FEL
Approx. S2 - S2 - NE
Region: Ness Co., KS
Drilling Completed: 06 / 30 / 2021
Bottom Hole Coordinates:
Ground Elevation (ft): 2321' K.B. Elevation (ft): 2328'
Logged Interval (ft): 3700' To: 4535' Total Depth (ft): 4535'
Formation: Mississippian
Type of Drilling Fluid: Chemical - Andy's Mud

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	221'	221'	3.25
2	7-7/8	JZHA20TL	15-15-14	4330'	4209'	108.5
3	7-7/8	517Y	15-15-14	4535'	205'	7.25

SURVEYS: 290'-0, 4330'-1, 4535'-1

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 35,000 - 38,000 lbs. on bit and approx 70 RPM.
Running 7.5 stands of collars; 404.99'
Pumping 60 strokes/min @ approx 800 psi at standpipe.

Daily Status

6-22-21:MIRT. Spud well @ 5:00PM. Drilled 12 1/4" surface hole to 221'KB. Ran 5jts of new 8 5/8" 23# surface casing. Set @ 221' (tally 210'). Cement w/165sx Standard cement, 2%gel 3%CC. PD @ 12:15 AM 6/23/21. Cement did circulate. SHT @ 221' = 0°.
6-23-21:TD 221'. Drilling plug this AM
6-24-21:Drilling @ 1601'.
6-25-21:Drilling @ 2523'.
6-26-21: Drilling @ 3222'.
6-27-21: Drilling @ 3847'.
6-28-21: TD @ 7:00AM was 4305'. Circulating up the Ft. Scott @ 4330'. Preparing to run a short trip and TOH for DST #1.
6-29-21:Drilling @ 4380'. SHT @ 4330= 1°. DST #1:4294-4330 (Ft Sct). Preparing to run DST #2.
6-30-21:TD 4435. DST #2: 4356-4428 (Miss)
7-01-21:RTD 4535'. LTD 4534'. DST #3: 4426-4435 (Miss). This AM, LDDP, prep to run production casing.
7-02-21:Ran 114jts of used 5 1/2" 15.5# production casing. Set @ 4532'KB. Cement w/175sx EA-2 cement. PD @ 3:30PM 7/1/21. 30sx in Rathole. Port Collar @ 1611'. Swift Cementing ticket #33854. RELEASED RIG @ 5:30pm.

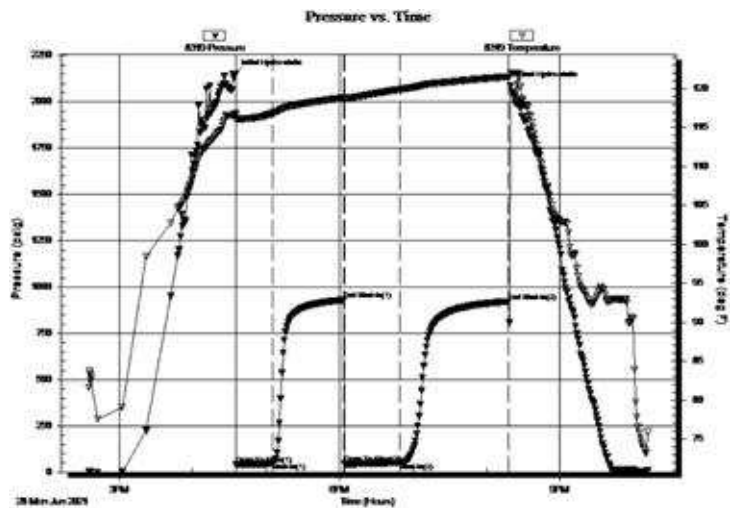
DST #1 FT. SCOTT

4294' - 4330'
30"-60"-45"-90"

IF: 1.4" blow
ISI: No return
FF: 1.2" blow
FSI: No return

Rec'd: 35' Mud (100% M) (Oil spots in the tool)

SIP: 929-922#
FP: 42-50#, 46-53#
HP: 2152-2087#



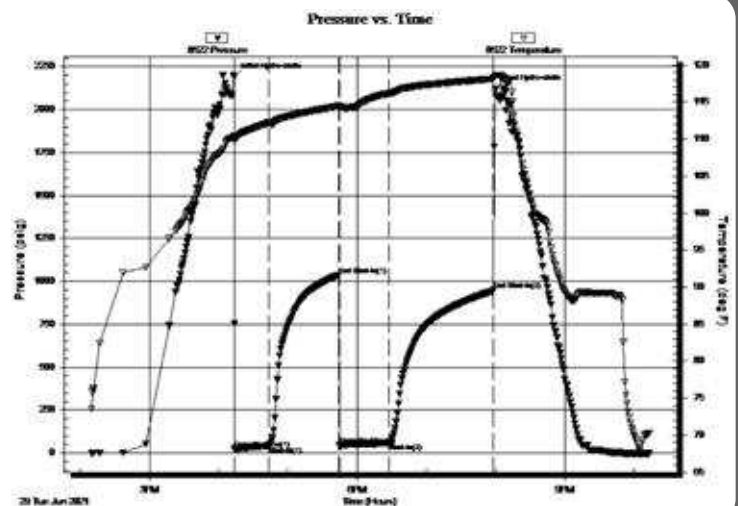
DST #2 MISSISSIPPIAN

4356' - 4428'
30"-60"-45"-90"

IF: 5.5" blow
ISI: No return
FF: 6.2" blow
FSI: No return

Rec'd: 80' GOCM (10% G, 10% O, 80% M), 20' Oil (100% O)

SIP: 1035-947#
FP: 25-43#, 44-59#
HP: 2190-2122#

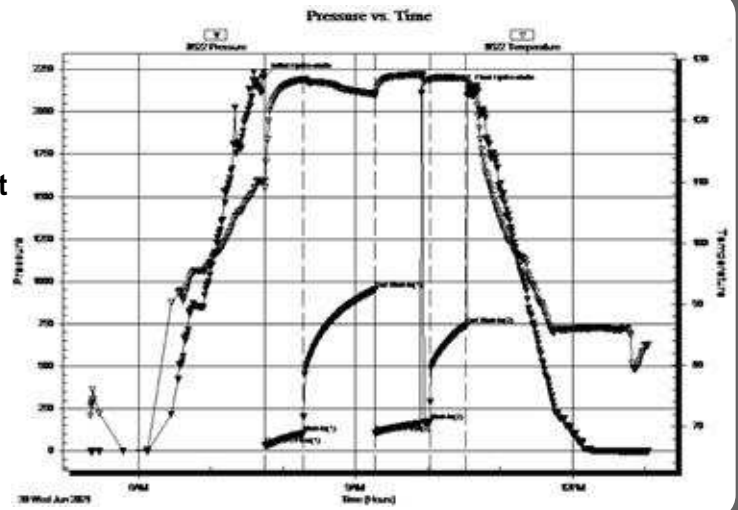


DST #3 MISSISSIPPIAN 4426' - 4435' 30"-60"-45"-30"

IF: BOB in 5 min
 ISI: No return
 FF: Surface (Equipment failure, leak in flow line prevent blows for rest of the test, thought tool was broken, so cut final shut-in to 30 min)
 FSI: No return

Rec'd: 70' OWCM (5% O, 40% W, 55%M), 350' GO (30% G, 70%O), 150' GIP

SIP: 950-742#
 FP: 34-104#, 107-173#
 HP: 2204-2136#



ROCK TYPES

	Anhy		Gyp		Shgy		Sandylms
	Bent		Igne		Sltst		Shale
	Brec		Lmst		Ss		Sltstn
	Cht		Meta		Till		Shlyslts
	Clyst		Mrlst		Carb sh		Sitysh
	Coal		Salt		Dol		Lms
	Congl		Shale		Dtd		
	Dol		Shcol		Gry sh		

ACCESSORIES

MINERAL		Salt		Fossil		Clystn	
	Anhy		Sandy		Gastro		Dol
	Arggrn		Silt		Oolite		Grysh
	Arg		Sil		Ostra		Gryslt
	Bent		Sulphur		Pelec		Lms
	Bit		Tuff		Pellet		Sandylms
	Brecfrag		Chlorite		Pisolite		Sh
	Calc		Dol		Plant		Sltstn
	Carb		Sand		Strom		
	Chtdk		Silty		Fuss		
	Chtlt				Oomold		
	Dol	FOSSIL		STRINGER		TEXTURE	
	Feldspar		Algae		Anhy		Boundst
	Ferrpel		Amph		Arg		Chalky
	Ferr		Belm		Bent		Cryxln
	Glau		Bioclst		Coal		Earthy
	Gyp		Brach		Dol		Finexln
	Hvymin		Cephal		Gyp		Grainst
	Kaol		Coral		Ls		Lithogr
	Marl		Crin		Mrst		Microxln
	Minxl		Echin		Sltstrg		Mudst
	Nodule		Fish		Ssstrg		Packst
	Phos		Foram		Carbsh		Wackest
	Pyr						

LANSING
3798' (-1470')

ROP (min/ft)
GR

10
150

3800
3850
3900
3950
4000



LS - CRM / TAN / BRN, F XLN, MOD DNS, FOSS, W/ SH - GRN

LS - CRM / WHT, VF XLN, SUBCHKY / CHKY

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

SH - BLK, CARB, W/ SH - DK GY / GRN / MAR, W/ LS - GY / TAN / CRM, F XLN, DNS, FOSS, LRG CRINOID STEMS

LS - CRM, VF / F XLN, MOD DNS / SUBCHY / CHKY IN PT

SH - GY / GRN / MAR / RD-ORNG IN PT, W/ LS - CRM / LT GY, F XLN, MOD DNS, FOSS IN PT, W/ FEW PIECES OF CHT - WHT / CLR, SLI TRANSLUCNT, FRSH, FOSS

LS - CRM / TAN, F XLN, MOD DNS / DNS, ABUND FOSS, P INTERXLN POR IN PT, NS, W/ LS - CRM / WHT, CHKY

LS - WHT / CRM, VF XLN, CHKY / SUBCHKY

SH - DK GY / BLK, CARB, W/ LS - LT GY / CRM, F XLN, MOD DNS / DNS, FOSS

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

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

LS - CRM / TAN / LT BRN, F XLN, MOD DNS / DNS, FOSS IN PT

LS - CRM, F XLN, MOD DNS, F TAN PIECES W/ ABUND FOSS

LS - CRM / WHT, F / VF XLN, MOD DNS, FOSS, P INTERXLN POR IN PT, NS

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

LS - CRM / TAN / WHT, F / VF XLN, 50% MOD DNS / DNS, FOSS, 50% SUBCHKY / CHKY

LS - CRM / LT GY, F XLN, MOD DNS / DNS, FOSS IN PT, W/ SH - MAR / GRN / GY

LS - BRN / TAN, F / M XLN, MOD DNS / DNS, FOSS, W/ SH - GY / MAR

LS - TAN / CRM / WHT IN PT, F / VF XLN, PRED DNS / MOD DNS, SUBCHKY / CHKY IN PT, FOSS IN PT, W/ SH - DRK GRN / GY

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

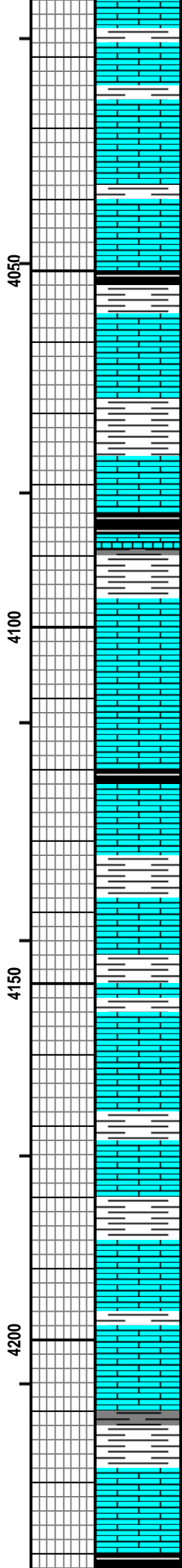
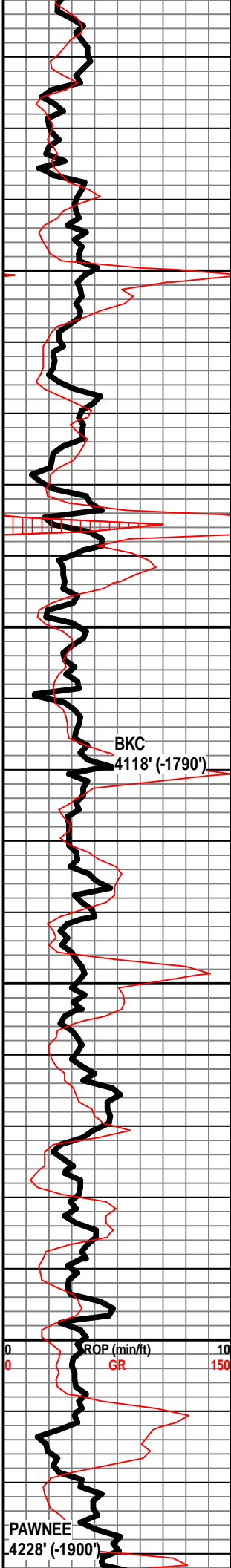
LS - CRM, VF / F XLN, DNS / MOD DNS, SUBCHKY IN PT, FOSS IN PT

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

FIXED ROD OILER
ON PUMP

WT 9.1
VIS 51
LCM 2#

WT 9.1
VIS 48
LCM 2#



LS - CRM, VF / F XLN, MOD DNS / SUBCHKY, CHKY IN PT, W/ SH - DK GRN / GRN / MAR

LS - CRM / TAN, F / M XLN, MOD DSN / DNS, FOSS IN PT, W/ SH - GRN / GY / MAR / RD-ORNG

LS - CRM / TAN, F / M XLN, ABUND MICRO FOSS IN PT W/ SH - GRN / GY

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

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

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

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

SH - BLK, CARB, W/ LS - CRM / TAN / GY, F XLN, FOSS, W/ SH - GRN / GY / BRN

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

LS - TAN / CRM / WHT, F / VF XLN, MOD DNS / SUBCHKY / CHKY

LS - CRM / WHT, VF XLN, SUBCHKY / CHKY

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

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

LS - CRM, VF XLN, SUBCHKY / MOD DNS, CHKY IN PT, W/ SH - DK GY / GY / GRN

LS - CRM / TAN / BRN, F / VF XLN, MOD DNS / SUBCHKY, FOSS, W/ SH - GRN / GY

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

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

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

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

SH - GRN / GY / MAR, W/ LS - CRM, VF / F XLN, MOD DNS / DNS, FOSS IN PT

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

SH - RD / GRN / GY, W/ LS - CRM / TAN / LT GR, VF / F XLN, PRED MOD DNS / DNS, SUBCHKY / CHKY IN PT, FOSS IN PT

WT 9.1
VIS 43
LCM 2#

WT 9.2
VIS 42
LCM 2#

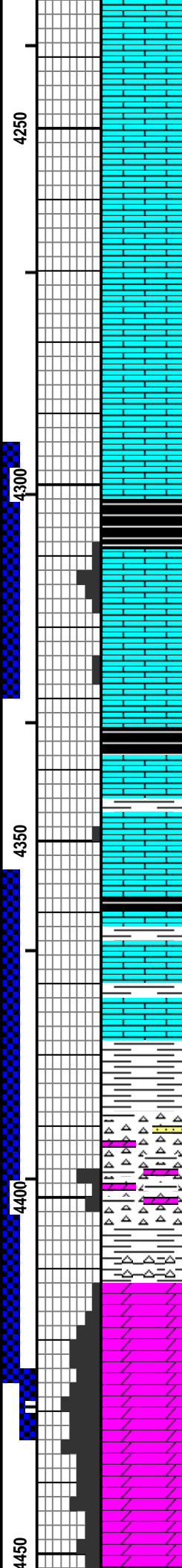
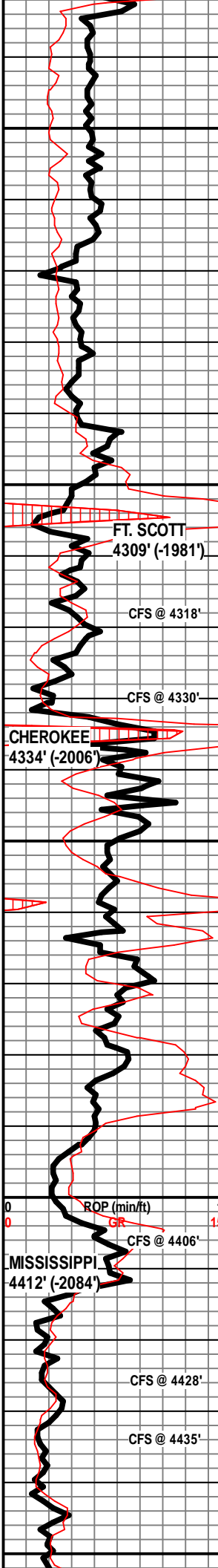
WT 9.1+
VIS 45
LCM 2#

WT 9.1
VIS 52
LCM 1#

WT 9.1+
VIS 48
LCM 1#

WT 9.2
VIS 52

PAWNEE
4228' (-1900)



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

LS - TAN / CRM, F / M XLN, MOD DNS / DNS, FOSS

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

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

LS - TAN / DK TAN / CRM, F / M XLN, DNS / MOD DNS, FOSS

LS - TAN / GY, F / M XLN, DNS / MOD DNS

SH - BLK, CARB, SHOW OF GAS BUBBLES

LS - GY / TAN / CRM, M / F XLN, P / F INTERXLN & VUG POR, FSFO, V LT BRN OIL, SHO GAS BUB IN PT, FOSS, F CUP ODOR, BRI YEL GRN FLUOR

LS - TAN / LT GY / CRM IN PT, F / M XLN, MOD DNS / DNS, FOSS, NS

LS - TAN / CRM, F / VF XLN, MOD DNS / SUBCHKY, FOSS IN PT, NS, W/ SCAT CHT - GY, FRSH, PRED OPAQ

SH - BLK, CARB

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

LS - TAN, M / F XLN, MOD DNS / DNS, FOSS, W/ LS - CRM, VF XLN, SUBCHKY / CHKY, V P INTERXLN POR IN PT, VSSFO, NO ODOR, W/ SH - GY / GRN / MAR / RD-ORNG / PURP

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

LS - CRM / TAN / GY IN PT, F / VF XLN, P / F INTERXLN POR IN PT, VSSFO IN PT, PRED MOD DNS / DNS, SUBCHKY / CHKY IN PT, SCAT PYRITE, W/ SH - GRN / RD / MAR / PURP

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

LS - CRM, VF XLN, SUBCHKY / CHKY, W/ SH - RD-ORNG / MAR, GRN / GY IN PT

CHT - TAN / WHT / GY / CLR, 75% FRSH, 25% P / F / G WEATH POR, FEW PIECES COMP SAT, GSFO, F ODOR, BRI YEL-GRN FLUOR, W/ DOLO - CRM / TAN, VF XLN, SUBCHKY / MOD DNS, W/ SCAT SS - CLR, F / M GR, SUB-ANG, P SRDT, W/ SH - RD-ORNG / MAR / GRN / PURP / YEL

SH - GY / MAR GRN / RD-ORNG, W/ DOLO - CRM / WHT, F / VF XLN, SUCROSIC IN PT, P / F INTERXLN POR IN PT, SLI SAT, SSFO, DULL YEL-GRN FLUOR, SLI CUP ODOR

SH - GRN / GY / MAR / PURP, W/ CHT - TAN / GY, FRSH

DOLO - TAN, F / M XLN, RHOMBIC IN PT, ABUND F / G VUG POR, F INTERXLN POR, FOSS MOLDIC POR IN PT, INTERPART POR IN PT, GSFO, G CUP ODOR, V BRI YEL-GRN FLUOR, ABUND FOSS, MORE FOSS TOWARDS BOTTOM

DOLO - TAN, F XLN, F / G INTERXLN & INTERPART POR, SCAT VUG POR IN PT, FSFO, SLI BETTER POR THAN ABOVE, G CUP ODOR, V BRI YEL-GRN FLUOR, ABUND FOSS

DOLO - TAN / GY, F / M XLN, RHOMIC IN PT, F INTERXLN & VUG POR, FSFO, ABUND FOSS, G CUP ODOR, V BRI YEL-GRN FLUOR

DOLO - CRM / WHT, F / VF XLN, MOD DNS / SUBCHKY / CHKY IN PT, FOSS IN PT, P / F INTERXLN POR IN PT, SSFO, F CUP ODOR

WT 9.2
VIS 51

WT 9.1
VIS 45
LCM 2#

DST #1 FT. SCOTT
4294' - 4330'
30"-60"-45"-90"

IF: 1.4" blow
ISI: No return
FF: 1.2" blow
FSI: No return

Rec'd: 35' Mud (100% M) (Oil spots in the tool)

SIP: 929-922#
FP: 42-50#, 46-53#
HP: 2152-2087#

WT 9.0
VIS 48
LCM 2#

WT 9.1
VIS 47

DST #2 MISSISSIPPIAN
4356' - 4428'
30"-60"-45"-90"

WT 9.2
VIS 48
LCM 2#

IF: 5.5" blow
ISI: No return
FF: 6.2" blow
FSI: No return

Rec'd: 80' GOCM (10% G, 10% O, 80% M),
20' Oil (100% O)

SIP: 1035-947#
FP: 25-43#, 44-59#
HP: 2190-2122#

WT 9.0
VIS 47
LCM 2#

DST #3 MISSISSIPPIAN
4426' - 4435'
30"-60"-45"-30"

IF: BOB in 5 min
ISI: No return
FF: Surface (Equipment failure, leak in flow line prevent blows for rest of the test, thought tool was broken, so cut final shut-in to 30 min)

FT. SCOTT
4309' (-1981')

CHEROKEE
4334' (-2006')

MISSISSIPPI
4412' (-2084')

ROP (min/ft)
GR 10
150

CFS @ 4318'

CFS @ 4330'

CFS @ 4406'

CFS @ 4428'

CFS @ 4435'

FSI: No return

Rec'd: 70' OWCM (5% O, 40% W, 55%M),
350' GO (30% G, 70%O), 150' GIP

SIP: 950-742#
FP: 34-104#, 107-173#
HP: 2204-2136#

CHT - WHT / TAN, PRED OPAQ, SLI TRANSLUCNT IN PT, 50% FRSH,
50% P / F WEATH POR, SSFO, F CUP ODOR, MOD YEL-GRN FLUOR, W/
DOLO - TAN, F XLN, P / F INTERXLN & VUG POR, SSFO, ABUND FOSS,
W/ SCAT WHT CHKY DOLO

CHT - WHT / TAN, SLI TRANLUCNT, PRED FRSH, P
EDGE WEATH POR IN PT, VSSFO AND EDGE STN IN PT

CHT - WHT / TAN, SLI TRANSLUCNT, PRED FRSH, P
WEAT POR IN PT, VSSFO, PRED DOLOMITIC

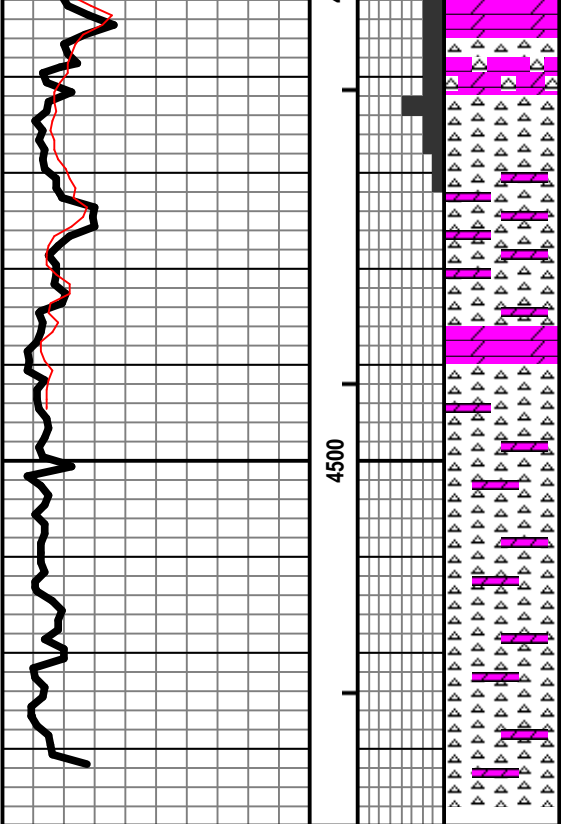
CHT - WHT / GY / CLR, OPAQ & TRANSLUCNT, FRSH, W/
DOLO - VF / F XLN, SLI SUCROSIC, P / F INTERXLN
POR IN PT, VSSFO IN FEW PIECES, BARREN IN PT

CHT - WHT / TAN, FRSH, OPAQ & TRANSLUCNT,
DOLOMITIC IN PT, FOSS IN PT

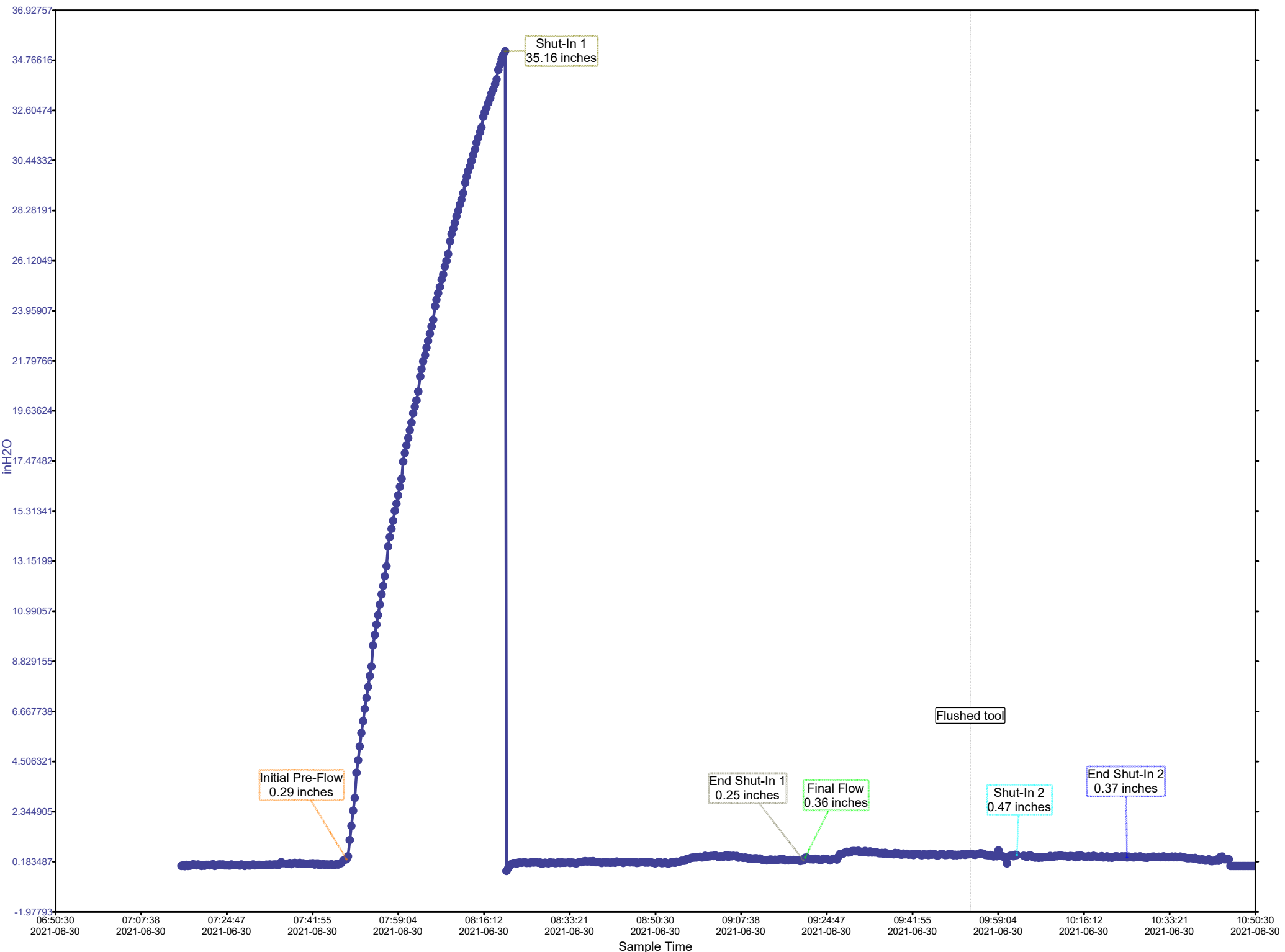
CHT - TAN / WHT, FRSH, PRED OPAQ, TRANSLUCNT IN
PT, DOLOMITIC IN PT, FOSS IN PT

WT 9.2
VIS 51
LCM 4#

RTD 4535'



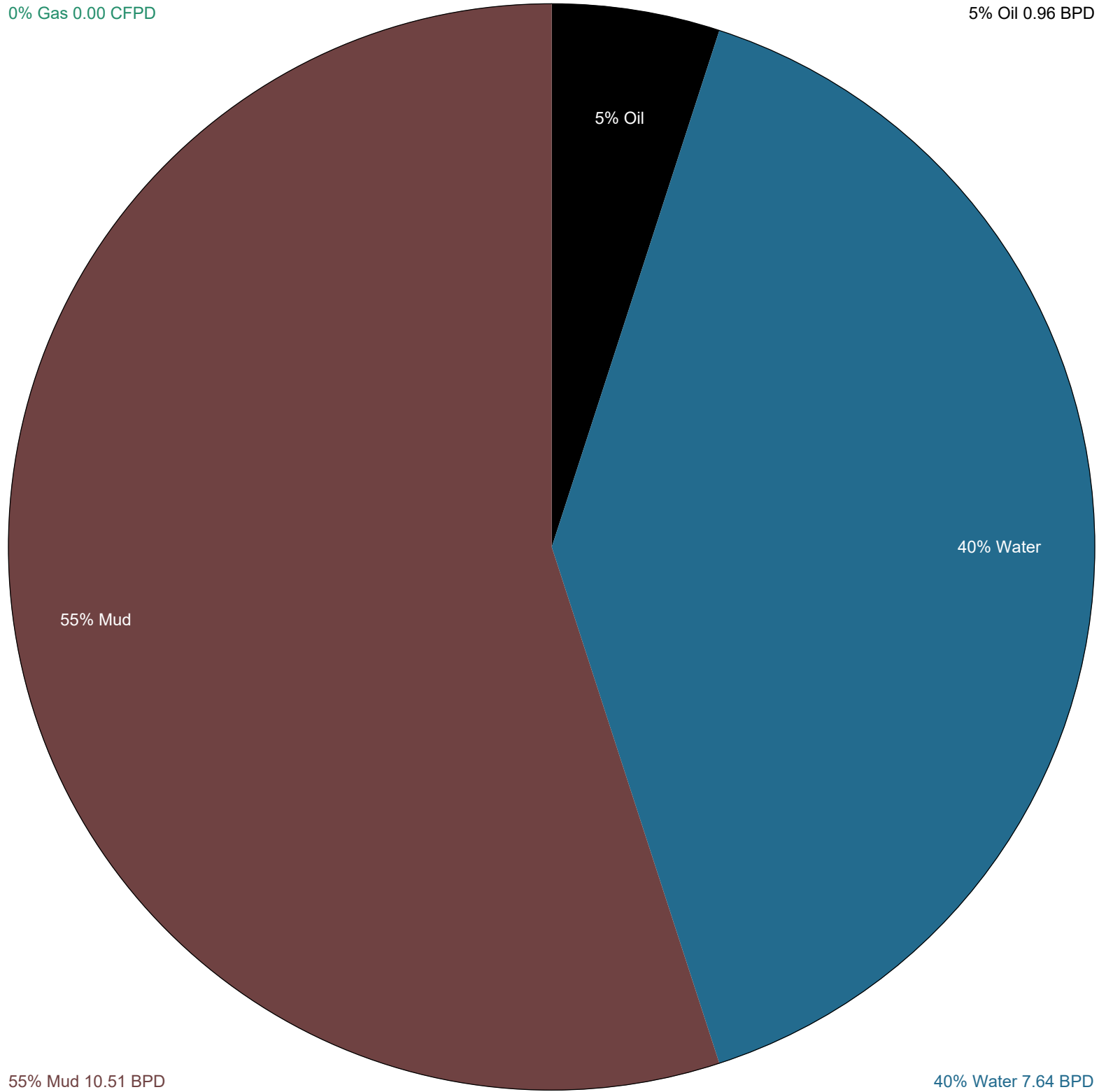
Pickrell Drilling CO. - Petersilie B-T #1 - DST #3



Calculated Recovery Analysis - Pickrell Drilling CO. - Petersilie B-T #1 - DST #3

0% Gas 0.00 CFPD

5% Oil 0.96 BPD



5% Oil

40% Water

55% Mud

55% Mud 10.51 BPD

40% Water 7.64 BPD



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Pickrell Drilling Co, Inc.

12 20s 24w

100 S Main Ste 505
Wichita, Ks 67202

Petersilie B-T #1

Job Ticket: 67481

DST#: 3

ATTN: Aaron Young.

Test Start: 2021.06.30 @ 05:20:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:45:00

Time Test Ended: 13:03:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4426.00 ft (KB) To 4435.00 ft (KB) (TVD)

Reference Elevations: 2328.00 ft (KB)

Total Depth: 4435.00 ft (KB) (TVD)

2321.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8522 Inside

Press@RunDepth: 173.10 psig @ 4427.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.06.30

End Date:

2021.06.30

Last Calib.:

2021.06.30

Start Time: 05:20:05

End Time:

13:03:29

Time On Btm:

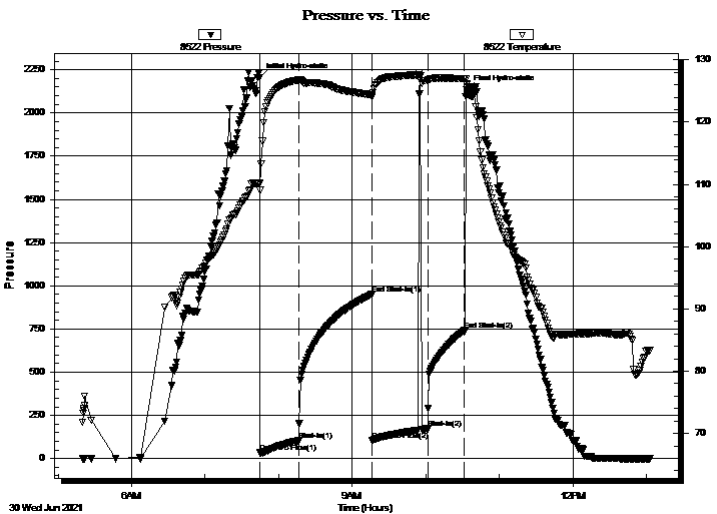
2021.06.30 @ 07:44:45

Time Off Btm:

2021.06.30 @ 10:33:30

TEST COMMENT: 30- IF: BOB @ 6 min built to 35".
60- IS: No return.
45- FF: Surface blow.
30- No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.08	110.16	Initial Hydro-static
1	33.80	109.02	Open To Flow (1)
32	103.72	126.76	Shut-In(1)
92	95.03	124.36	End Shut-In(1)
92	107.22	124.03	Open To Flow (2)
137	173.10	126.63	Shut-In(2)
167	742.03	126.94	End Shut-In(2)
169	2136.12	126.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	ow cm 5o 40w 55m	0.98
350.00	go 30g 70o	4.91
0.00	150' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co, Inc.

12 20s 24w

100 S Main Ste 505
Wichita, Ks 67202

Petersilie B-T #1

Job Ticket: 67481

DST#: 3

ATTN: Aaron Young.

Test Start: 2021.06.30 @ 05:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

37000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
70.00	ow cm 5o 40w 55m	0.982
350.00	go 30g 70o	4.910
0.00	150' GIP	0.000

Total Length: 420.00 ft Total Volume: 5.892 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .164 @ 82f = 37000ppm

Serial #: 8522

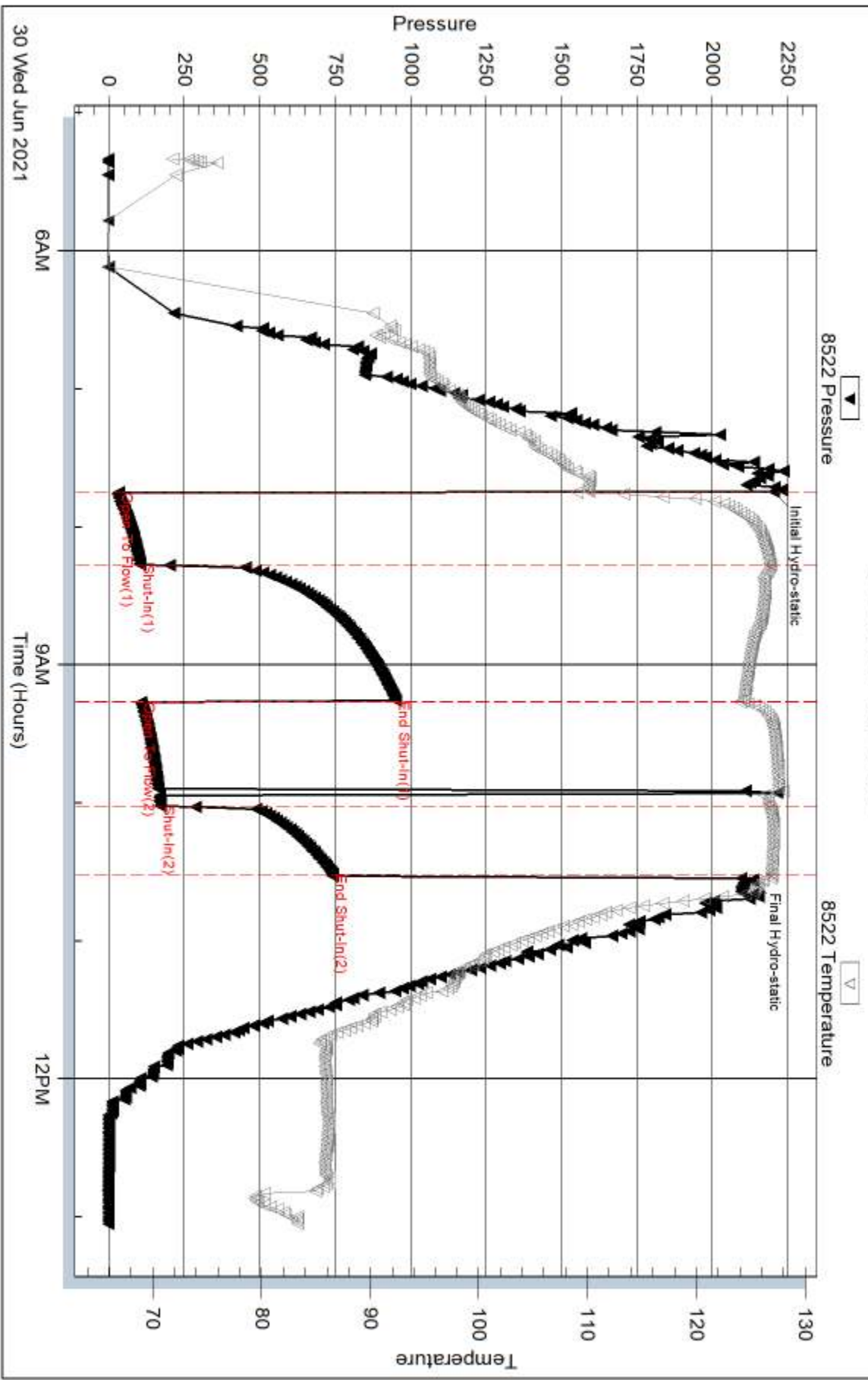
Inside

Pickrell Drilling Co., Inc.

Petersite B-T #1

DST Test Number: 3

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 67481

Printed: 2021.06.30 @ 13:45:29

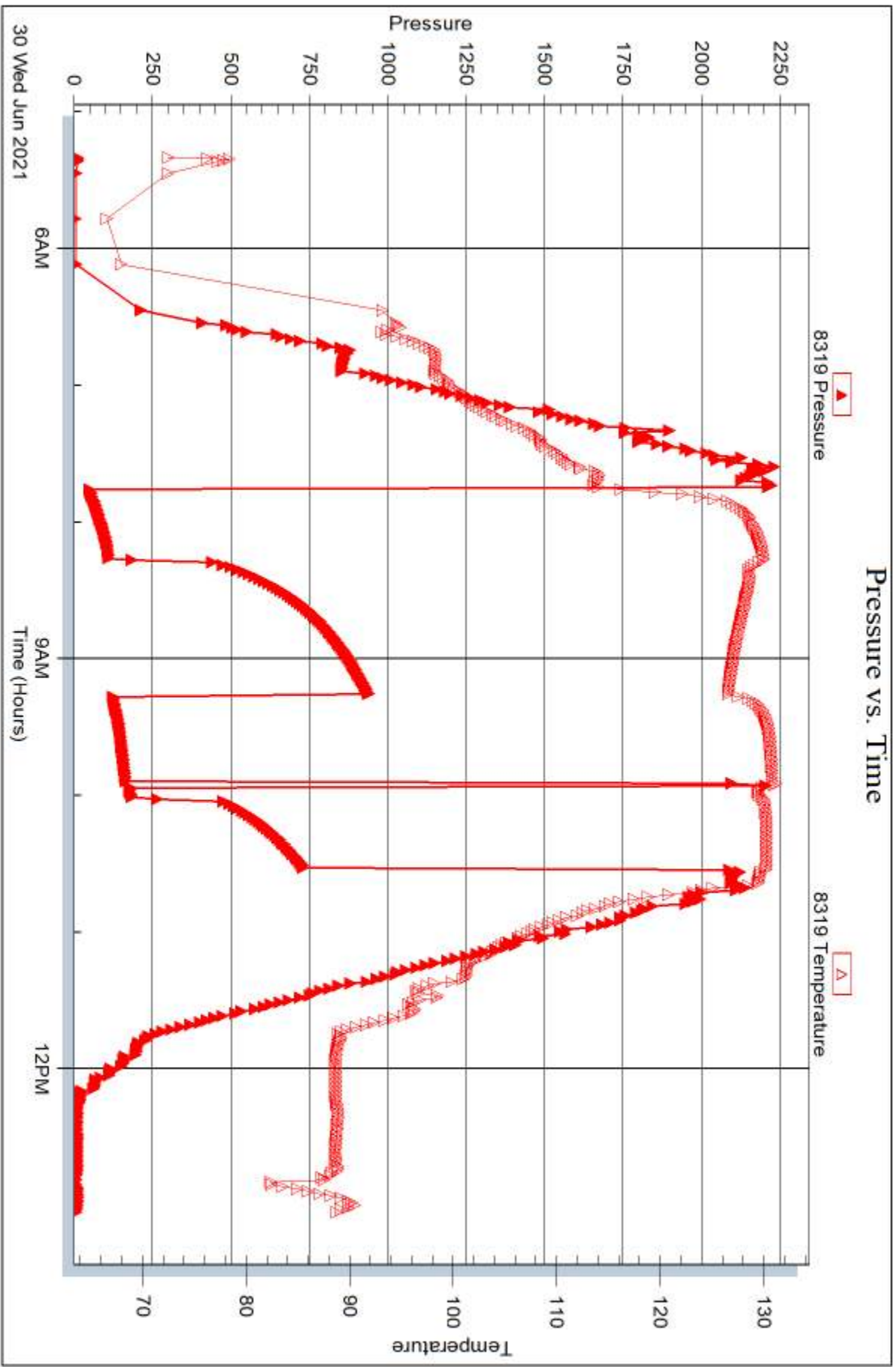
Serial #: 8319

Outside

Pickell Drilling Co. Inc.

Petersite B-T#1

DST Test Number: 3

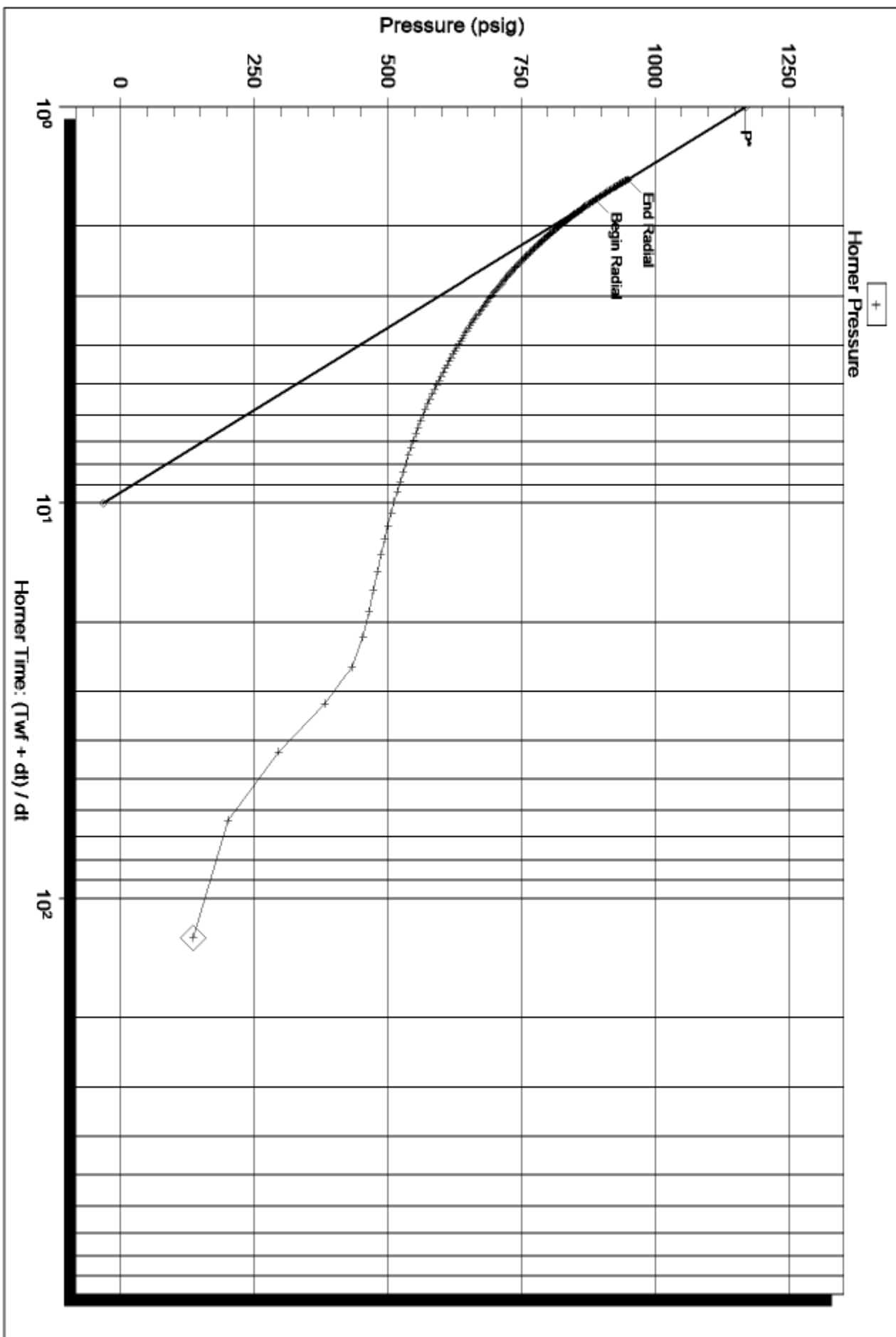


Trilobite Testing, Inc

Ref. No: 67481

Printed: 2021.06.30 @ 13:45:29

Horner Plot



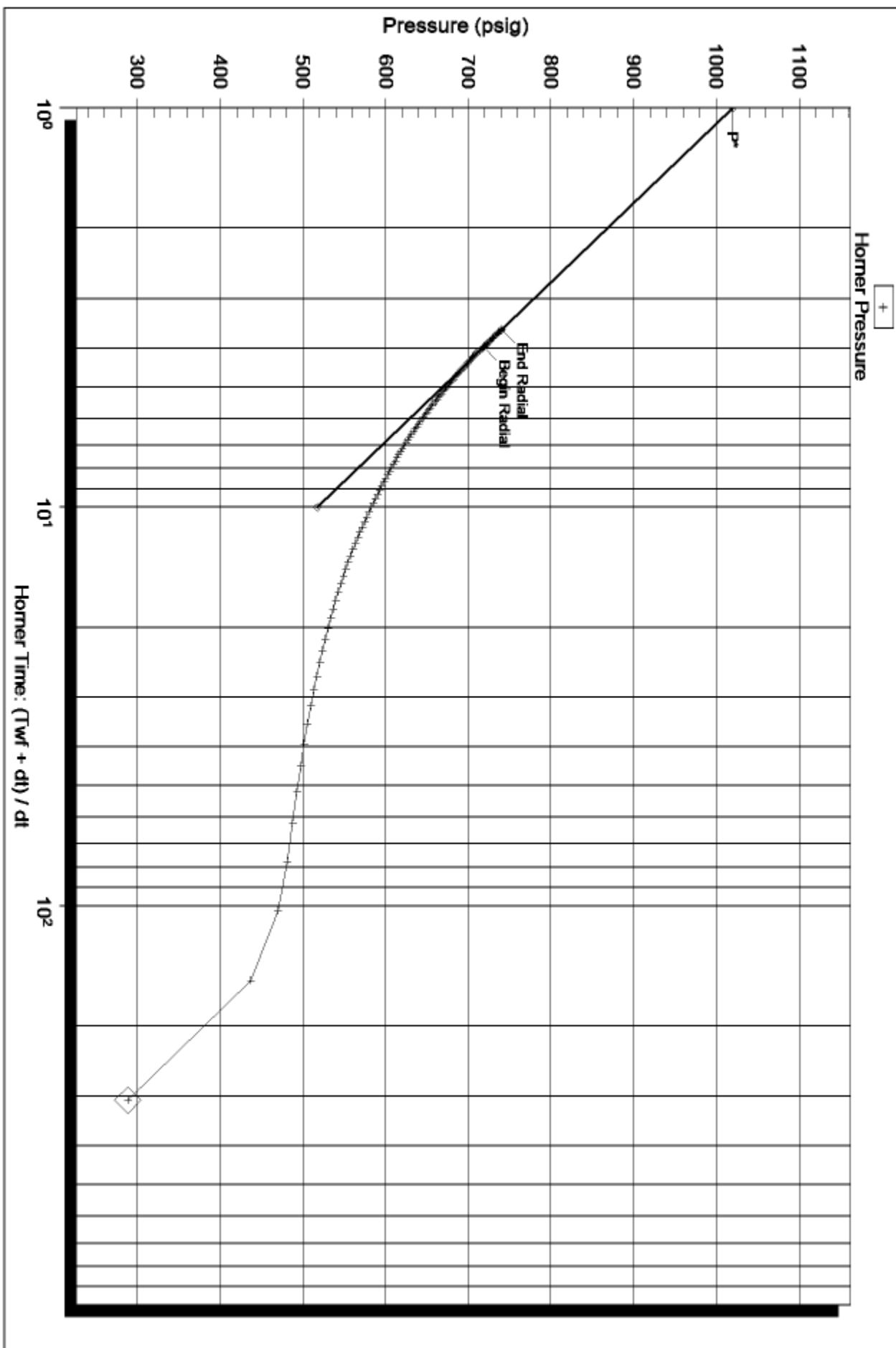
Serial Number: 8522 (Inside)

P* : 1169.62

Slope (m) : 1201.36 kpa/log cycle

Flow Cycle: 1

Horner Plot



Serial Number: 8522 (Inside)

P* : 1019.78

Slope (m) : 502.38 kpa/log cycle

Flow Cycle: 2



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

Invoice

DATE	INVOICE #
7/1/2021	33854

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

- Acidizing
- Cement
- Tool Rental

VENDOR DATE

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Petersilie BT	Ness	Company Tools	Oil	Development	5 1/2 Longstring	Gideon
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				15	Miles	5.00	75.00
578D-L	Pump Charge - Long String				1	Job	1,400.00	1,400.00
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
402-5	5 1/2" Centralizer				10	Each	75.00	750.00T
403-5	5 1/2" Cement Basket				2	Each	275.00	550.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	325.00	325.00T
325	Standard Cement				175	Sacks	13.50	2,362.50T
284	Calseal				8	Sack(s)	40.00	320.00T
283	Salt				900	Lb(s)	0.25	225.00T
292	Halad 322				100	Lb(s)	8.50	850.00T
276	Flocele				50	Lb(s)	3.00	150.00T
281	Mud Flush				500	Gallon(s)	1.50	750.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
581D	Service Charge Cement				175	Sacks	1.85	323.75
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							11,215.25
	Sales Tax Ness County						6.50%	595.82

We Appreciate Your Business!

Total

\$11,811.07



Services, Inc.

CHARGE TO: Pickrell Dalg
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 33854

PAGE 1 OF 2

DATE 7-1-2009

1. SERVICE LOCATIONS <u>Ness City, KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Peterside BT</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>K</u>	CITY <u>Ness City</u>	DATE <u>7-1-2009</u>	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Co Tools</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>LOCATION</u>	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Long String</u>	WELL LOCATION <u>Ness City, 10-S-1-U</u>		INVOICE INSTRUCTIONS <u>New-into</u>		

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE <u>Trk #112</u>	15	m	1	m	75.00
578		1			<u>Pump Charge - Long String</u>	1	job	1	job	1400.00
404		1			<u>Port Collar</u>	1	EA	1	EA	2500.00
402		1			<u>Centralizers</u>	10	EA	10	EA	75.00
403		1			<u>CMT Baskets</u>	2	EA	2	EA	275.00
406		1			<u>Latch down Plug + Baffle</u>	1	EA	1	EA	250.00
407		1			<u>Insert Float Shoe w/ AutoFill</u>	1	EA	1	EA	325.00

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 7-1-2009 TIME SIGNED 3:45
 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?	AGREE	UNDECIDED	DISAGREE
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	1	5850.00
TOTAL	2	5365.25
TAX		595.82
TOTAL		11811.07

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

SWIFT OPERATOR Gudrun Furd APPROVAL

Thank You!

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Pickrell Drily		#1		Petersilie BT		Long String 5 1/2"		33854	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1000								ON LOCATION 5 1/2" 15.5 lb/ft RTD: 4535' LTD: 4534' TP: 4535' SJ: 38.28 CENT: 1,3,5,7,9,11,13,15,17 Baskets: 8, 74 PC: #74 1575'
	1100 1330								START 5 1/2" Csg in well 200 Pump - Circulate Drop Ball
	1430	6 1/2	12		✓			300 Pump 500 gal Mud Flush	
		6 1/2	20		✓			300 Pump 20 bbl KCL SPACER	
	1445	1	7		✓		75	Plug RH [30]	
	1500	4	35		✓		150	Mix 145 sks of EA-2 @ 15.36 oppg	
	1510							Wash Pump + Lines Drop Latch down Plug	
	1515	6 1/2	0		✓		200	START Displacement	
		6 1/2	74		✓		300	Lift Pressure	
		6 1/2	106		✓		800	MAX Lift Pressure	
	1530	5 1/2	107		✓		1600	LAND Latch down Plug - Release Pressure * Hold * * Plug down @ 3:30 PM * CST	
								Wash up Trk #112	
								Job Complete	
								175 sks of EA-2 used	
								Thanks!	
								Gudean, Kirby, Dusty	



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



Invoice

DATE	INVOICE #
7/26/2021	33741

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

FILE COPY

- Acidizing
- Cement
- Tool Rental

785-798-2300 ✓

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	T-1	Petersilie B-1	Ness	Mobile Drlg	Oil	Development	Cement Port Collar	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				10	Miles	5.00	50.00
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars				1	Job	1,400.00	1,400.00
104	Port Collar Tool Rental				1	Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				150	Sacks	17.00	2,550.00T
276	Flocele				50	Lb(s)	3.00	150.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
581D	Service Charge Cement				200	Sacks	1.85	370.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							5,054.00
	Sales Tax Ness County						6.50%	193.96

We Appreciate Your Business! **Total** \$5,247.96

[Handwritten signature]



TICKET 33741

CHARGE TO: **PERKINS DRUG Co. Inc**
 ADDRESS
 CITY, STATE, ZIP CODE

PAGE 1 OF 1

SERVICE LOCATIONS
 1. **Ness City, Ks**
 2. **PERKS DRUG Co. Inc**
 3. **MOBILE DRUG**
 4. **OR**

WELL/PROJECT NO. **F-1**
 TICKET TYPE SERVICE SALES
 CONTRACTOR **MOBILE DRUG**
 WELL TYPE **OR**
 WELL CATEGORY **DEVELOPMENT**
 JOB PURPOSE **GENERATOR RENTAL**

LEASE **PERKS DRUG Co. Inc**
 RIG NAME/NO. **Ness**
 COUNTY/PARISH **Ness**
 STATE **Ks**
 CITY **LOANEN**
 DELIVERED TO **LOANEN**
 WELL PERMIT NO.

DATE **7-26-2021**
 ORDER NO.
 WELL LOCATION **5/1 Ness City, Ks**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		AMOUNT
		LOC	ACCT	DF		U/M	U/M	PRICE		
575					MILEAGE # 114	10	mi			50.00
576d					PUMP CHARGE - POOR GUARD	1	job	1572	ft	1400.00
104					POOR GUARD TOOL RENTAL	1	job	5 1/2"		200.00
330					SHIRT MOUNT - DENSOY STRAPDOWN	150	sls			2550.00
276					FLOCCEL	50	lbs			150.00
290					D-ADR	2	gal			84.00
581					SERVICE CHARGE CENTER	200	sls			370.00
582					MEDIUM DEBRIS CHARGE	19950	lbs	99.75	mm	250.00

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.
 DATE SIGNED **7-26-2021** TIME SIGNED **1:00**
 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?	AGREE	UNDECIDED	DISAGREE
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 YES NO

PAGE TOTAL **5054.00**
 TAX **193.96**
 TOTAL **5247.96**

WIFT OPERATOR **Wayne Watson** APPROVAL
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE

7-26-2021

PAGE NO.

1

CUSTOMER
PICKRELL DRIG. Co.

WELL NO.

T-1

LEASE

PETERVILLE "B"

JOB TYPE

CEMENT

PORT COLLAR

TICKET NO.

33741

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							ON LOCATION
								2 3/8 x 5 1/2 PORT COLLAR e 1572
	1015				✓		1000	PSI TEST - HELD
	1025	3	3	✓		300		OPEN PORT COLLAR - INT RATE
	1035	3 1/2	83	✓		350		MAX CEMENT 150 SKS SMD e 11.2 PPG
	1100	3 1/2	5	✓		500		DISPLACE CEMENT
	1110				✓		1000	CLOSE PORT COLLAR - PSI TEST - HELD
								CIRCULATED 15 SKS CEMENT TO BIT
	1130	3 1/2	25		✓		350	RUN 5 JTS - CIRCULATE CLEAN
								WASH TRUCK
	1230							JOB COMPLETE

THANK YOU
WAYNE, BLAINE, DUSTY