

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)</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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Carmen Schmitt, Inc.
Well Name	BLATTNER 1-28
Doc ID	1673848

Tops

Name	Top	Datum
Stone Corral	1641	1004
Heebner Sh.	403	-1658
Toronto Ls.	4324	-1679
Douglas Ls.	4378	-1733
Lansing	4426	-1781
Muncie Creek	4642	-1997
Stark Shale	4727	-2082
Hushpuckney	4774	-2129
B/KC	4876	-2231
Marmaton	4892	-2247
Altamont	4918	-2273
Pawnee	4976	-2331
Fort Scott	5027	-2382
Cherokee	5058	-2413
Morrow Shale	5151	-2506
Mississippi	5174	-2529

SWIFT



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



Invoice

DATE	INVOICE #
10/19/2022	34743

BILL TO
Carmen Schmitt, Inc. P. O. Box 47 915 Harrison Great Bend, KS 67530-0047

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	1-2 A	Blattner	Ford	Murfin	Oil	Development	Deep Surface	Preston

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	70	Miles	7.00	490.00
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars	1	Job	1,600.00	1,600.00
330	Swift Multi-Density Standard (MIDCON II)	450	Sacks	19.50	8,775.00T
276	Flocele	112	Lb(s)	3.00	336.00T
290	D-Air	4	Gallon(s)	42.00	168.00T
221	Liquid KCL (Clayfix)	2	Gallon(s)	25.00	50.00T
401-8	8 5/8" Insert Float Without Auto Fill	1	Each	210.00	210.00T
409-8	8 5/8" Turbolizer	2	Each	125.00	250.00T
581D	Service Charge Cement	450	Sacks	2.00	900.00
583D	Drayage	1,567	Ton Miles	1.00	1,567.00
	Subtotal				14,346.00
	Sales Tax Ford County			7.50%	734.18

710/43
20132.0128
BCP
Well Rly
"Surface Cement"

We Appreciate Your Business!

Total

\$15,080.18



CHARGE TO: Cameron Schmitt
 ADDRESS
 CITY, STATE, ZIP CODE

PAGE 1 OF 1

TICKET 34743

SERVICE LOCATIONS
 1. Ness City
 2.
 3.
 4.
 REFERRAL LOCATION

WELL/PROJECT NO. 1-2 A
 LEASE Blairstown
 COUNTY/PARISH Ford
 RIG NAME/NO.
 STATE KS
 CITY
 DATE 10-19-22
 OWNER

TICKET TYPE SERVICE
 SALES
 CONTRACTOR Murfco
 WELL TYPE oil
 WELL CATEGORY Development
 JOB PURPOSE Deep Surface (858)
 WELLS PERMIT NO.
 INVOICE INSTRUCTIONS

WELL LOCATION Dodge City 5-5
6-02, 4-5, 2nd 15,
W-1n70

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			UM	UM	UM	UM		
575							70	mi			2.00	490.00
5760							150	lb			16.00	1600.00
330							450	lb			19.50	8725.00
276							112	lb			2.00	336.00
290							4	gal			42.00	168.00
221							2	gal			25.00	50.00
401							1	ea			210.00	210.00
409							2	ea			125.00	250.00
440							4	ea			150.00	150.00
581							450	SK			2.00	900.00
583							49780	lb			1.00	1567.00

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.
X

DATE SIGNED _____ TIME SIGNED _____
 A.M. P.M.

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

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

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

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO
 WE UNDERSTOOD AND MET YOUR NEEDS? YES NO
 OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO
 ARE YOU SATISFIED WITH OUR SERVICE? YES NO
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 14494.00
~~14494.00~~
14346.00
 TOTAL 15080.18

SWIFT OPERATOR Parker Lane APPROVAL Norman P.
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 10-19-22 PAGE NO. 1

CUSTOMER Carmeq Schmitt WELL NO. 1-2 A LEASE Blattner JOB TYPE Deep Surface TICKET NO. 34743

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	6:00							ON location 858", 23# 1251' 42, 70' shoe 1, 2, Turbolizers
	9:30							start casing
	12:00							Dip ball & circulate
	12:50	4	20	✓		200 200		pump KCL spacer
	13:00	4 1/2	12.8	✓		200		mix 250 SK @ 11.8 ppg
		4 1/2	3.8	✓		200		" " 100 SK @ 12.5 ppg
		4 1/2	28	✓		200		" " 100 SK @ 14.5
	13:55	6	0	✓		200		start displace
			77.14	✓		300		hold & release
	14:30							Wash truck
	15:00							Job Complete Thanks, Preston, Ricky, Tyler
								450 SK & 5 MD 1/2# floccul used
								circulate 50 SK to pit



M. Bradford Rine

Consulting Geologist

Licensed/Certified: Kansas, Wyoming, AAPG/DPA, SIPES

Phone: (316) 250-5941

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

Well Name: Blattner #1-28 - Carmen Schmitt, Inc.
API: 15-057-21078-00-00
Location: SE-SE-SW-SE Section 28-28S-26W
License Number: KCC #6569
Spud Date: October 17, 2022
Surface Coordinates: 310' FSL & 1350' FEL,
of Section
Bottom Hole Vertical Wellbore
Coordinates:
Ground Elevation (ft): 2637 Ft. **K.B. Elevation (ft):** 2645 Ft.
Logged Interval (ft): 4100 Ft. **To:** 5350 Ft. **Total Depth (ft):** RTD 5350 Ft. LTD 5357 Ft.
Formation: Mississippian at Total Depth
Type of Drilling Fluid: Chemical

Region: Ford County, Ks
Drilling Completed: November 07, 2022
Results: D & A
Field: Unnamed

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

Operator

Company: Carmen Schmitt, Inc.
Address: PO Box 47
Great Bend, Kansas 67530+0047

Geologist

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

Remarks

Based on sample observations, drill stem test results, and electric log evaluation, it was the decision of the Operator, to plug and abandon the "Blattner #1-28", on November 07, 2022.

Respectfully,
M. Bradford Rine, geologist

Drilling Information

Rig: Murfin Drilling, Rig #114
Pump: Ellis Willaims-EWCO 19W600 6x15
Drawworks: DWM 650
Collars: 522' 2-1/4 x 6-1/4
Drillpipe: 4-1/2" 16.6# XH
Toolpusher: Lonnie Mustard

Mud: Mudco (Justin Whiting)
Gas Detector: None
Drill Stem Tests: Trilobite (Chris Hagman, Eric Burgess)
Logs: Midwest (T. Martin)
Water: Don Woydziak Farm (Wolf Pack Field Service, Kinetic Energy Services)
Company Representatives:
Office: Carmen Schmitt
Field: N/A

Daily Drilling Status

Date:	Operations/Depth/Comments
.....	MIRT, RU @ 0'
10-17-22	Spud 12:00 PM @ 0'
10-18-22	Drilling @ 650'
10-19-22	Circulating, Prepare to Run Surface Casing @ 1265'
10-20-22	Prepare to Drill Out @ 1265'
10-21-22	Stuck in Hole @ 1733'
10-22-22	Stuck in Hole @ 1733'
10-23-22	Drilling @ 2304'
10-24-22	Drilling @ 3126'
10-25-22	Drilling @ 3822'
10-26-22	Drilling @ 4200'
10-27-22	Drilling @ 4500'
10-28-22	Drilling @ 4830'
10-29-22	Trip Out of Hole for DST #1 @ 4990'
10-30-22	Drilling @ 5021'
10-31-22	Trip Out of Hole for DST #2 @ 5180'
11-01-22	Prepare to Trip Out of Hole for DST #3 @ 5180'
11-02-22	Circulating for Samples @ 5210'
11-03-22	Trip in Hole with Bit after DST #4 @ 5220'
11-04-22	On Bottom with DST #5 @ 5251'
11-05-22	Circulating to Condition Hole after DST #5 @ 5251'
11-06-22	Circulating to Condition Hole after DST #6 @ 5251'
11-07-22	Prepare to Trip out of Hole with DST #7 @ 5350'
11-08-22	Began Plugging at 10:00 AM, RTD @ 5350'

	Results: D & A			(Well A) Oil		(Well B) Oil			
	Carmen Schmitt, Inc.			Carmen Schmitt, Inc.		Carmen Schmitt, Inc.			
	Blattner #1-28			Heyen Trust #1-27		Molly 1-22			
	310'FSL & 1350'FEL			1750'FNL & 1800'FEL		1750'FSL & 450'FWL			
	Sec. 28-28S-26W			Sec. 27-28S-26W		Sec. 22-28S-26W			
	KB 2645			KB 2674		KB 2689		Well A	Well B
Formations	Sample	E-Log	Datum	E-Log	Datum	E-Log	Datum	Comparisons	
Anhydrite	NC	1641	1004	1679	995	1704	985	9	19
B/Anhydrite	NC	1694	951	1734	940	1758	931	11	20
Stotler	NC	3632	-987	3670	-996	3693	-1004	9	17
Heebner Sh	4296	4303	-1658	4336	-1662	4368	-1679	4	21
Toronto	4317	4324	-1679	4358	-1684	4387	-1698	5	19
Douglas Ls	4373	4378	-1733	4410	-1736	4446	-1757	3	24
Brown Lime	4402	4412	-1767	4445	-1771	4477	-1788	4	21
Lansing	4420	4426	-1781	4456	-1782	4490	-1801	1	20
Muncie Creek Sh	4632	4642	-1997	4649	-1975	4688	-1999	-22	2
Stark Sh.	4721	4727	-2082	4770	-2096	4789	-2100	14	18
Hushpuckney Sh	4773	4774	-2129	4814	-2140	4835	-2146	11	17
B/Kansas City	4869	4876	-2231	4908	-2234	4931	-2242	3	11
Marmaton	4886	4892	-2247	4928	-2254	4948	-2259	7	12
Altamont	4910	4918	-2273	4936	-2262	4958	-2269	-11	-4
Pawnee	4970	4976	-2331	5008	-2334	5027	-2338	3	7
Ft. Scott	5020	5027	-2382	5060	-2386	5080	-2391	4	9
Cherokee Sh	5049	5058	-2413	5090	-2416	5110	-2421	3	8
Atoka	5128	5138	-2493	5172	-2498	5192	-2503	5	10
Morrow	5139	5151	-2506	5183	-2509	5204	-2515	3	9
Mississippian	5164	5174	-2529	5190	-2516	5220	-2531	-13	2
Total Depth	5350	5357	-2712	5402	-2728	5455	-2766	16	54

Casing Record, Bit Record, Deviation Surveys, Mudup, Pipe Straps. Misc. Events

CASING:

Conductor: None

Surface: Nipple up. Ran 29 jts of new 8.625" casing. (Swift) Set @ 1251' w/ 450 sks of SMD. Cement did circulate. Plug down at 2:30 PM, October 20, 2022.

Production: P&A, as follows: (Franks) Plug with 220sx Total, 60/40 Poz, 4% gel. 50sx @ 1710', 50sx @ 1290', 50sx @ 960', 20sx @ 60', 30sx in Rathole, 20sx in Mousehole. Job complete on November 08, 2022.

BITS:

No.	Size	Make	Model	Depth In	Depth Out	Hours
1	12-1/4	Smith	Tooth	0	1265	34.50
2	7-7/8	Smith	Mi616	1265	4108	72.00
3	7-7/8	Smith	F27	4108	4990	61.00
4	7-7/8	Smith	F27	4990	5350	29.25

DEVIATION SURVEYS:

Deviation:	Depth:	Deviation:	Depth:
0.25*	600'	1.25*	4990'
2.00*	1265'	* No survey at 5180' due to hole problem!	
1.00*	2304'	1.25*	5251'
0.75*	4108'	* No RTD Survey, Logged behind DST7!	

PIPE STRAPS:

Difference:	Depth:
10' long	4108'*
13.18' long	4990'*

**It was discovered after both pipe straps that the tape had been prior broken and repaired, with an inch or so missing!

MUD UP:

Displace & Mudup @ 3600'

MISC. EVENTS SUMMARIES:

1733' Stuck Spot 78 bbls crude oil, got free.
2989' Lost Circulation, Appr 120 bbls Add mud and LCM, regain returns.
5180' Hit bridge at 1235' On TIH with pulled tools, ran in with bit -
and worked casing with bit until passing up
and down freely.

DST #1: 4946-4990 (Pawnee)

Times: 15-30-45-60

Initial Open: Wk Blow, built to 2.8" i.b.

Final Open: Wk Blow, built to 4.4" i.b.

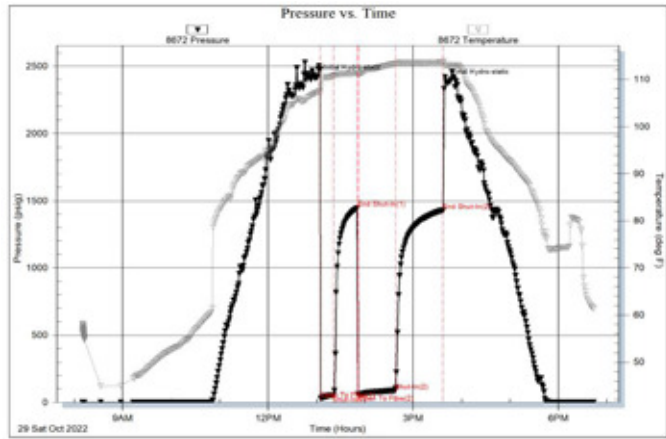
Rec: 120' MCW: 60%w 40%m

IHP: 2416 FHP: 2384

IFP: 29-53 FFP: 60-90

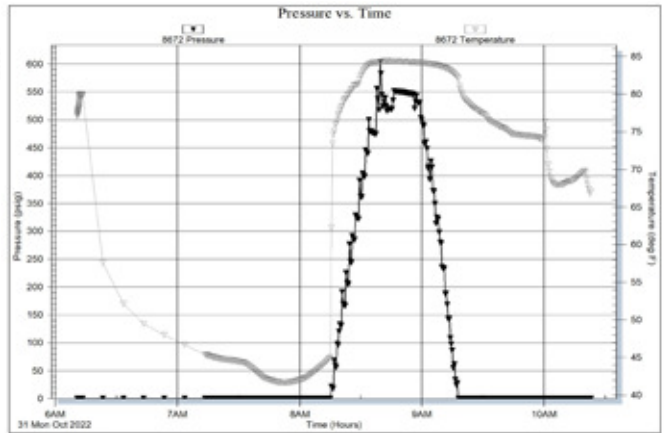
ISIP: 1448 FSIP: 1430

BHT: 114°F



DST #2: 5104-5180 (Morrow, Mississippi)

Misrun, Hit bridge in casing at 1235' going in hole with tools. Pulled tools!



DST #3: 5104-5180 (Morrow, Mississippi)

Times: 15-30-10-out

Initial Open: Wk Blow, built to 1" i.b.

Final Open: No Blow

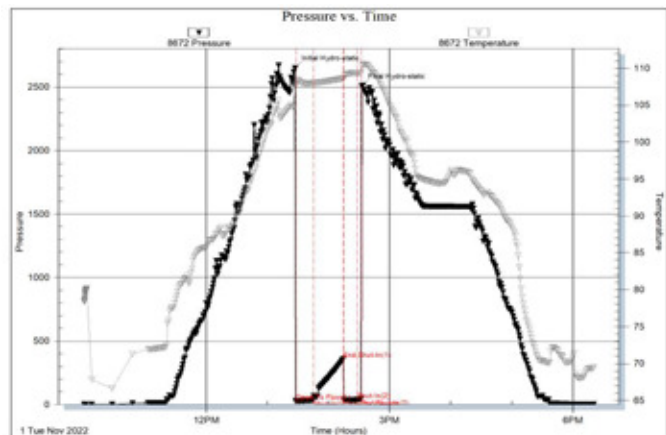
Rec: 5' mud

IHP: 2648 FHP: 2506

IFP: 27-37 FFP: 34-38

ISIP: 360 FSIP: NA

BHT: 110°F



DST #4 5180-5220 (Mississippi)

Times: 05-45-60-90

**Initial Open: Stg Blow, b.o.b. 2 min, built to 70",
No Return Blow**

**Final Open: Stg Blow, b.o.b. instant, gts 25 min,
No Return Blow**

Rec: 125' SOGCM: 08%g 02%o 90%m

IHP: 2516 FHP: 2512

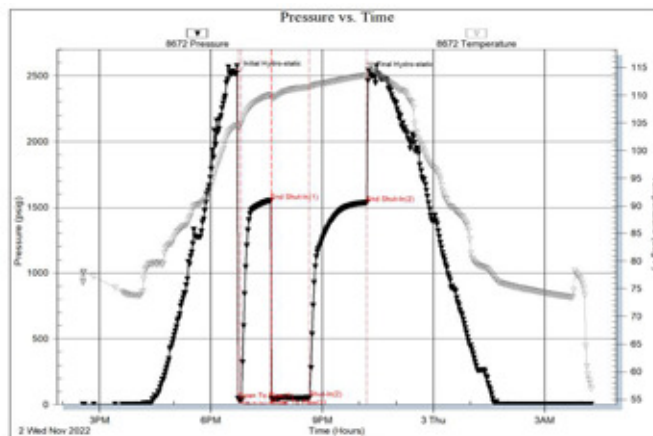
IFP: 41-36 FFP: 47-53

ISIP: 1553 FSIP: 1537

BHT: 113°F

Final Open Gas Gauges:

30 min	11 PSIG	1/4" choke	37MCFGPD
40	09	1/4"	35
50	07	1/4"	32
60	08	1/4"	33



DST#5: 5220-5251 (Mississippi)

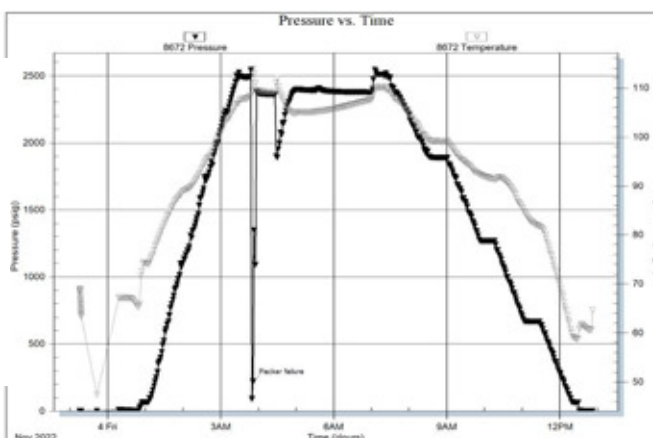
Times: 05-45-60-90

**Initial Open: Stg Blow, b.o.b. 2 min, built to 108",
No Return Blow**

**Final Open: Stg Blow b.o.b. instant, built to 693",
Return blow built to 1.2" then died**

Rec: 4800' mud

(Packers leaked then failed 100%)60



DST #6: 5180-5251 (Mississippi)

Times: 05-45-90-180

**Initial Open: Stg Blow, b.o.b. 5 min,
built to 13", No Return Blow**

**Final Open: Stg Blow, b.o.b. 15 sec,
built to 192", No Return Blow**

**Rec: 2300' gas in pipe,
170' SOGWCM: 05%g 10%o 05%w 80%m**

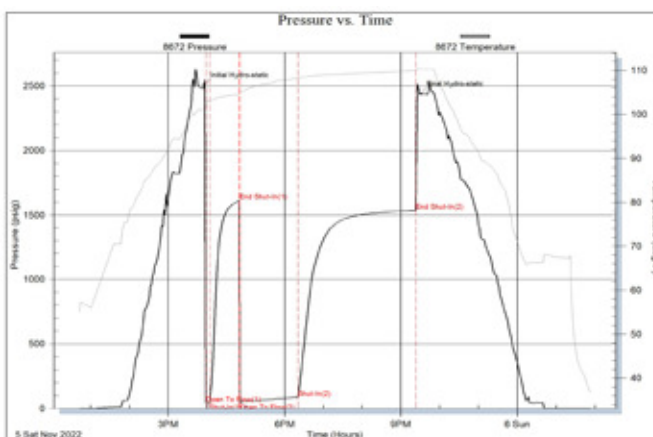
(Not able to check chl of wtr)

IHP: 2507 FHP: 2439

IFP: 43-41 FFP: 41-87

ISIP: 1613 FSIP: 1535

BHT: 110°F



DST #7: 5335-5350 (Mississippi)

Times: 15-30-30-30

Initial Open: Wk Blow, built to 0.75" i.b.

Final Open: Wk Blow, built to 0.50" i.b.

Rec: 90' WCM: 40%w 60%m

(Chl/wtr: 14,000ppm, Chl/mud: 7000ppm,

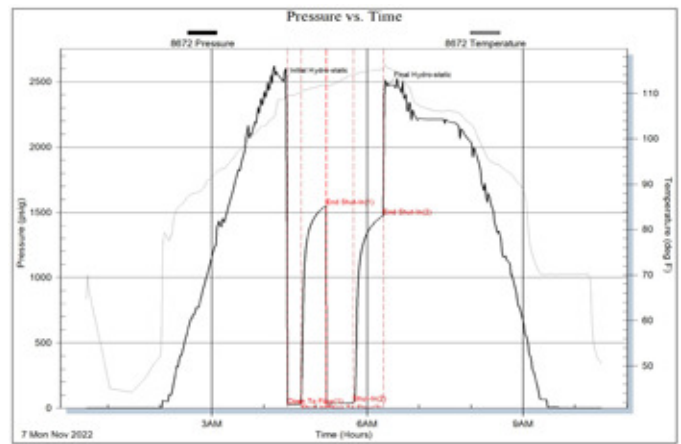
Recovered water could be partly filtrate wtr?)

IHP: 2510 FHP: 2475

IFP: 25-36 FFP: 32-44

ISIP: 1551 FSIP: 1476

BHT: 115°F



Rock Types

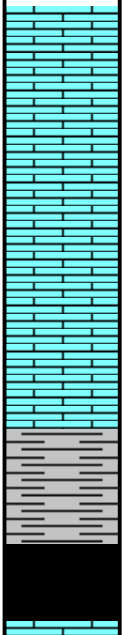
	Cgl/gran wash		Bent		Dol		Salt		Till
	Dol ls/lmy dol		Brec		Gyp		Shale		Siltysh
	New symbol		Cht		Igne		Shcol		Shlysiltst
	Dol ls/lmy dol		Clyst		Lmst		Shgy		Sandyls
	New symbol		Blk sh/coal		Meta		Siltst		
	Anhy		Congl		Mrlst		Ss		

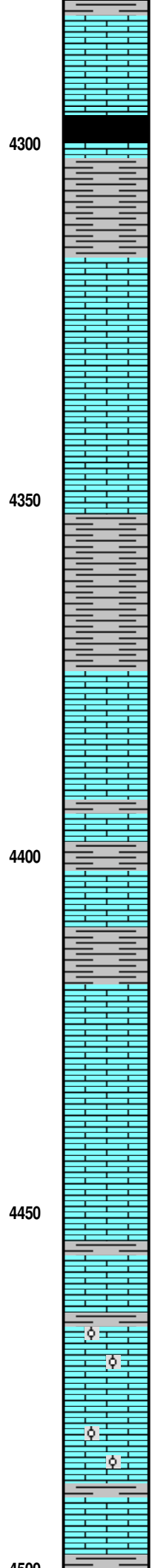
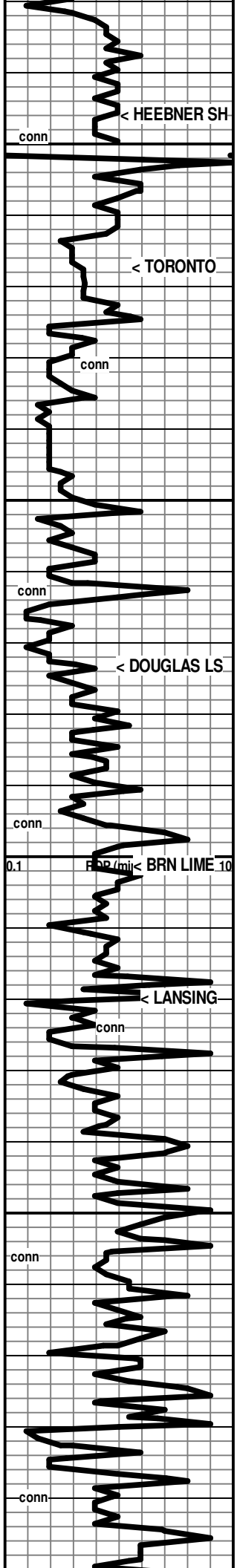
Accessories

MINERAL		Gyp	FOSSIL		Ostra		Siltstrg
	Anhy		Hvymin		Pelec		Ssstrg
	Arggrn		Kaol		Pellet	TEXTURE	
	Arg		Marl		Pisolite		Boundst
	Bent		Minxl		Plant		Chalky
	Bit		Nodule		Strom		Cryxln
	Brecfrag		Phos	STRINGER			Earthy
	Calc		Pyr		Anhy		Finexln
	Carb		Salt		Shale		Grainst
	Chtdk		Sandy		Bent		Lithogr
	Chtlt		Silt		Coal		Microxln
	Dol		Sil		Dol		Mudst
	Feldspar		Sulphur		Gyp		Packst
	Ferrpel		Tuff		Ls		Wackest
	Ferr				Mrst		
	Glau						

Other Symbols

OIL SHOW		Even		Dead	INTERVAL		Core
	Oil & gas show		Spotted		Gas		Dst
	Gas show		Trace or questionable				

ROP (min/ft) ROP (min/ft) ———	MD	Lithology	Geological Descriptions	Remarks
<p>0.1 ROP (min/ft) 10</p> <p>* Geograph (drill time) was not dependable and erratic much of the time due to various mechanical issues!</p> <p>conn & bit trip</p> <p>conn</p> <p>conn</p> <p>conn</p>	<p>4100</p> <p>4150</p> <p>4200</p>	<p>Shows</p>	<p>* [Due to geograph, clock, drill time recording, depth issues with the Rig, and numerous occasions of sample catching confusion and labeling, and geologist error, this geologist's report was heavily edited and corrected to conform with the electric logs!]</p>	<p>* 1733 ft: Got stuck in hole while running survey at 1733'. Spot 30 bbls of crude, then 48 bbls. Got Free!</p> <p>* 2989' Lost Circulation, approx 120 bbls, add LCM. Full returns gained. Back to drilling!</p> <p>* Displace & Mudup @ 3600'!</p> <p>* Pipe Strap at 4108': --> Strap: 4118.64' Board: 4108.42' Diff: 10.22 ft long (No Correction Made!)</p> <p>** Later discovered: tape had been repaired from a break, and an inch or so was lost on tape!</p>
<p>0.1 ROP (min/ft) 10</p> <p>conn</p> <p>* Drill Time & Geograph FUBAR!</p> <p>conn</p>	<p>4250</p>		<p>Ls cr-tan-brn, fn xln, dns, to gritty with pr xln por, foss</p> <p>Ls wh-cr-gy, fn xln, subchalky in pt, pr xln por in pt, foss</p> <p>90% Ls wh-cr-gy, fn xln, subchalky in pt, pr xln por in pt, foss; 10% Sh gy-red</p> <p>90% Ls wh-cr-gy, fn xln, subchalky in pt, pr-fr xln por in pt, foss; 10% Sh gy-red-blk, carb in pt</p>	<p>7:00 AM, October 26, 2022</p> <p>Mud Check, Drlg @ 4220': Vis Wt WL PV YP 56 9.0 12.8 18 21 Chl Hd ph LCM Solids 11900 120 8.5 1.5 4.3</p>



80% Ls wh-cr-gy, fn xln, subchalky in pt, pr-fr xln por in pt, foss;
20% Sh gy-red-blk, carb in pt

← 4296 (-1651)

80% Ls wh-cr-gy, fn xln, subchalky in pt, pr-fr xln por in pt, foss;
20% Sh gy-red-blk, carb in pt

← 4317 (-1672)

75% Ls wh-cr-gy, fn xln, subchalky in pt, pr-fr xln por in pt, foss;
25% Sh gy-red-blk, carb in pt

80% Ls wh-cr-gy, fn xln, pr-fr xln por in pt, with scatt pp pores, foss
in pt; 20% Shales gy-blk-red

90% Ls wh-cr-gy, fn xln, pr-fr xln por in pt, with scatt pp pores, foss
in pt; 10% Shales gy-blk-red

← 4373 (-1728)

Ls wh-cr-gy, fn xln, pr vis xln por, grainy text in pt, sli foss in pt,
subchalky in rare pt

← 4402 (-1757)

60% Ls cr-tan, fn xln, pr xln por to dns, foss; 40% Sh red-gy-grm

← 4420 (-1775)

60% Ls cr-tan-gy, fn xln, pr xln por to dns, foss; 40% Sh
red-gy-grm

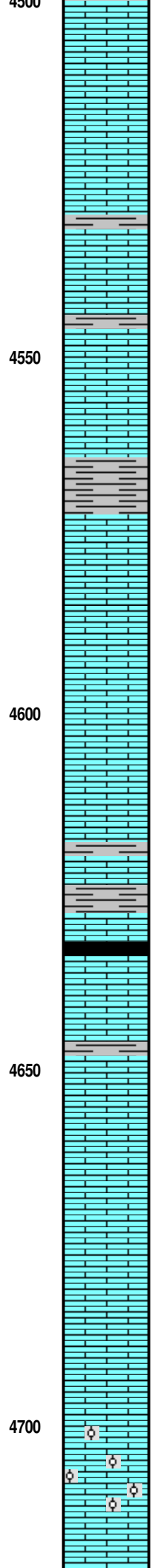
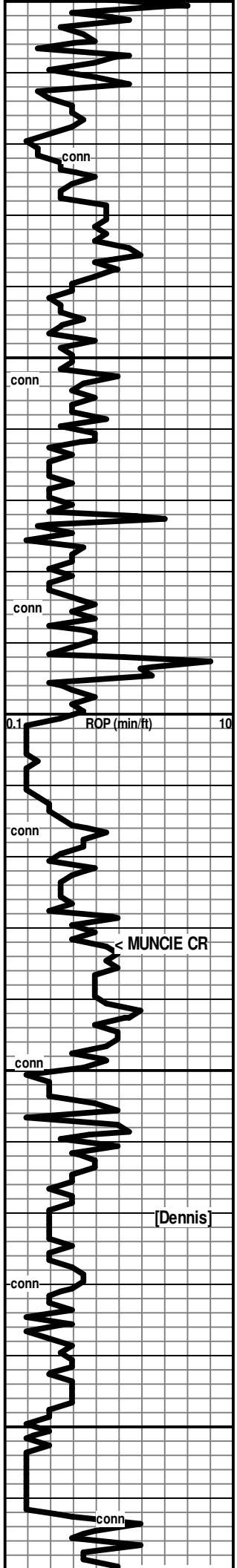
85% Ls cr-tan-gy, vfn-fn xln, pr xln por to dns, foss; 15% Sh
red-gy-grm

Ls wh-cr, fn xln, pr-fr xln por in pt, scatt pp pores, sli foss; 05% gy
shale

Ls wh-cr-gy, fn xln, chalky in pt, pr xln por in pt, ool in pt

* Geograph Not Working!

* Geograph Clock working at 4485'! (TP going for parts to fix depth counter)



Ls wh-cr-tan-gy, fn xln, dns in pt, pr xln por in pt, subchalky in pt, foss; some shale gy-grnish

Ls cr-tan-gy, fn xln, pr-fr xln por in pt, foss; trace of gy shale

Ls cr-tan-gy, vfn-fn xln, dns in pt pr xln por in pt, trace of fr xln por, foss; trace of gy shale

Ls cr-tan-gy, fn xln, dns to pr xln por, foss; 05% red-gy shale

Ls cr-tan-gy, fn xln, dns to pr xln por, abund foss; 05% red-gy shale

Ls wh-cr, fn-md xln, fr xln por, foss

Sh black, carb (Rr pcs in spls)

Ls wh-cr-tan-brn-gy, vfn-fn xln, dns to pr xln por, foss; some gy to dk shale

<----- 4632 (-1987)

Ls cr-tan-brn, fn xln, mostly pr xln por to dns with some fr xln por, abund foss

Ls cr-tan-brn, fn xln, pr xln por to dns, foss

[No Samples]

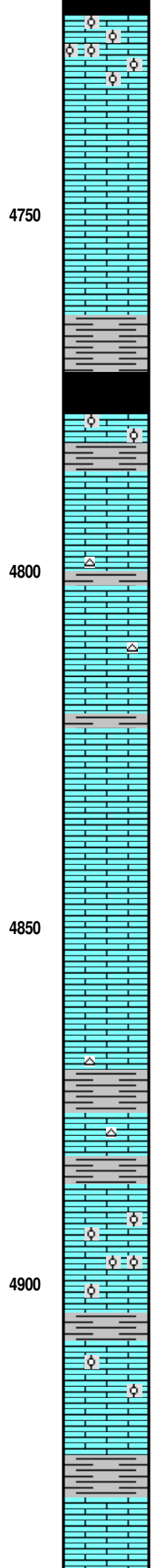
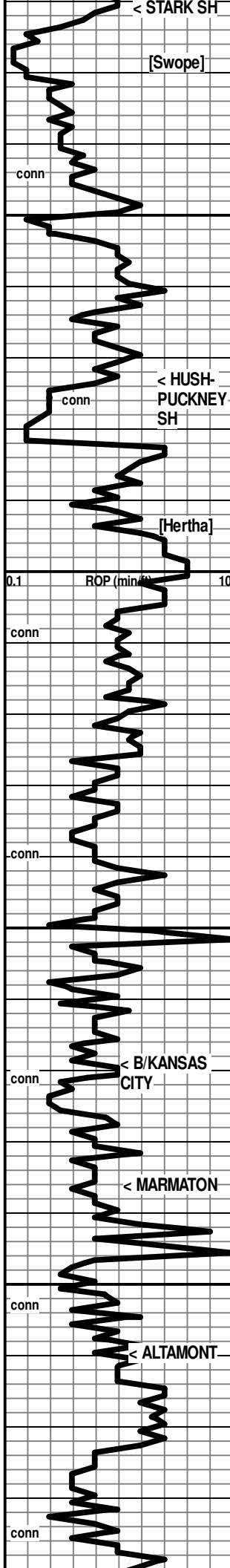
Ls cr, fn xln, pr-fr xln por, abund foss & ool with scatt interfoss & interool por

Mud Check, Drlg @ 4597':

Vis	Wt	WL	PV	YP
59	9.0	6.8	22	18
Chl	Hd	ph	LCM	Solids
7400	2	11.0	2	4.6

MUNCIE CR

[Dennis]

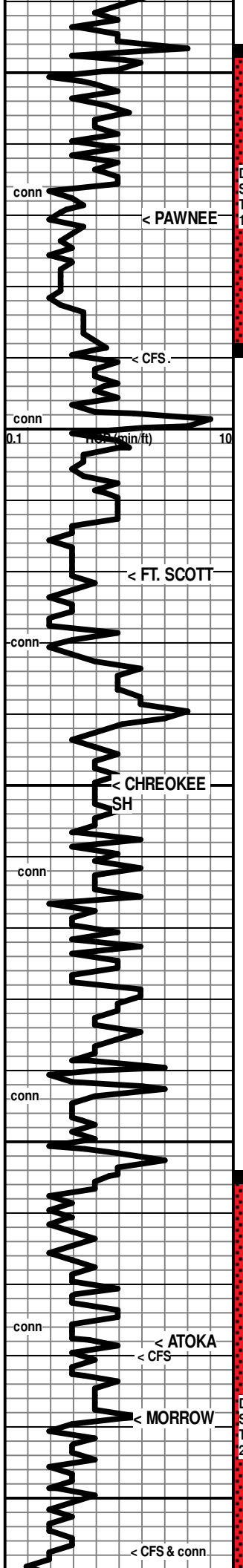


4721 (-2076)
 Sh dk gy-black, carb in pt
 Ls cr-tan-brn, fn xln, pr vix xln por, ool to abund oom, gd oom por
 Ls wh-cr-pl gy, vfn-fn xln, chalky in pt, mostly dns
 Ls wh-cr-pl gy, vfn-fn xln, chalky in pt, mostly dns
 4773 (-2128)
 Sh gy-black, carb in pt
 Ls cr-tan-gy, vfn-fn xln, dns in pt, chalky & trace ool in pt
 Ls cr-tan-gy, vfn-fn xln, dns in pt, chalky in pt, sli foss
 Ls wh-cr, vfn-fn xln, dns to pr xln por, foss, chert: fresh, gy, subtransl
 Ls cr-tan-dk gy, vfn-fn xln, mostly dns, some subchalky to pr xln por, foss in pt
 Ls cr-gy-tan, fn xln, pr xln por to dns, foss-abund foss; Sh pl gy-gy-brnish red, silty in pt
 Ls cr-tan-brn, vfn-fn xln, dns, foss in pt, chert: fresh dk brnish gy, opa
 4869 (-2224)
 Sh gy
 Ls cr-tan-brn, vfn-fn xln, dns, foss in pt, chert: fresh dk brnish gy, opa
 4886 (-2241)
 Ls mostly wh-cr, some tan, fn xln, pr vis xln por, ool & abund foss in pt
 4910 (-2265)
 Ls wh-cr, vfn-fn xln, mostly dns, some vis pr xln por, micro-ool in pt; some gy-dk gy shale
 Ls cr-tan, vfn-fn xln, pr xln por to dns, foss in pt; low% of gy-dk gy-black shales

7:00 AM, October 28, 2022

Mud Check, Drlg @ 4883':

Vis	Wt	WL	PV	YP
54	9.0	8.0	19	18
Chl	Hd	ph	LCM	Solids
6300	8	11.0	2	4.7



4950
DST #1
PAWNEE
CFS
5000
FT. SCOTT
5050
CHREOKEE SH
5100
ATOKA
CFS
MORROW
DST #2
DST #3
5150
CFS & conn

Ls cr-tan, vfn-fn xln, pr xln por to dns, foss in pt; incr % of gy-dk gy-black shales

Sh dk gy-black, carb in pt

← 4970 (-2325)
Ls mostly wh-cr, some tan, fn xln, pr vis xln por-with trace of sli better por, with Rr scatt pp pores, some subchalky, foss, ool in pt with Rr scatt interool pores, chert: fresh, tan-gy, subtransl, foss

[No Odor, Rr scatt spotty-sm patches of mod fluor, Rr trace show of colorless micro-drops FO on crush, Rr trace show of gas on crush]

Ls cr, fnx ln, dns

Sh black, carb

Ls cr-tan-gy, vfn-fn xln, dns, sli foss in pt

Sh black, carb

← 5020 (-2375)
Ls wh-cr-tan, vfn-fn xln, mostly dns to pr xln por, some soft chalky patches & pcs, sli foss in pt
Ls cr-tan, pr xln pr to dns, some sli chalky, foss to abund foss

[No Odor, a couple of pcs per tray with mod fluor, NSO, NSG]

60% Ls cr-tan, fn xln, pr vis xln por, some ool with scatt interool pores, foss, chert: fresh, gy, subopaq; 40% Sh gy-dk gy-black, carb in pt

← 5049 (-2404)
Sh black, carb

80% Ls wh-cr-tan, fn xln, pr vis xln por to dns, chalky patches & pcs, abund foss in pt, tr of wh-gy chert; 20% Sh gy-dk gy-blk-grn

75% Ls wh-cr-tan-brn, vf-fn xln, mostly dns, some softer & chalky, foss, chert: fresh, tan, transl; 25% Sh gr-dk gy-blk, carb in pt

35% Ls wh-cr-tan-brn, vf-fn xln, mostly dns, some softer & chalky, foss, chert: fresh, tan-brn, transl; 65% Sh gr-dk gy-blk, carb in pt

70% Ls wh-cr-tan-brn, some white chalky pcs, vf-fn xln, mostly dns, some softer & chalky, foss, chert: fresh, tan-brn, transl; 30% Sh gr-dk gy-blk with some grnsh, carb in pt

← 5128 (-2583)
70% Ls wh-cr-tan-brn, some white chalky pcs, vf-fn xln, mostly dns, some softer & chalky, foss-some abund foss in brn ls; 30% Sh gr-dk gy-blk with some grnsh & pl grn subilty,

← 5139 (-2494)
Mix of: Ls cr-tan-brn, fn xln, subchalky in pt, dns in pt, pr xln por in pt, foss with some irregular ool & ool; Sh gy-grn-pl grn-blk, subilty text in pt; tan-dk fresh chert

5160' spl: Incr in wh-cr Ls; decr in shales, appearance of wh, fresh, supopaq chert

5170' spl: 80% Ls wh-cr-tan, fn xln, pr vis xln por in pt, chalky in pt, dns in pt, foss, a few ool pcs (appear well cem): 20% Sh

DST #1: 4946-4990 (Pawnee)
Times: 15-30-45-60
Initial Open: Wk Blow, built to 2.8" i.b.
Final Open: Wk Blow, built to 4.4" i.b.
Rec: 120' MCW: 60%w 40%
IHP: 2416 FHP: 2384
IFP: 29-53 FFP: 60-90
ISIP: 1448 FSIP: 1430
BHT: 114°F

* Short Trip pulled tight, pull 34 stds to finally pull freely!

7:00 AM, October 29, 2022

Mud Check, TIH/DST1 @ 4990':
Vis Wt WL PV YP
85 9.6 10.4 20 25
Chl Hd ph LCM Solids
10700 52 10.0 2 8.7

* Will add premix, when back on bottom with bit!

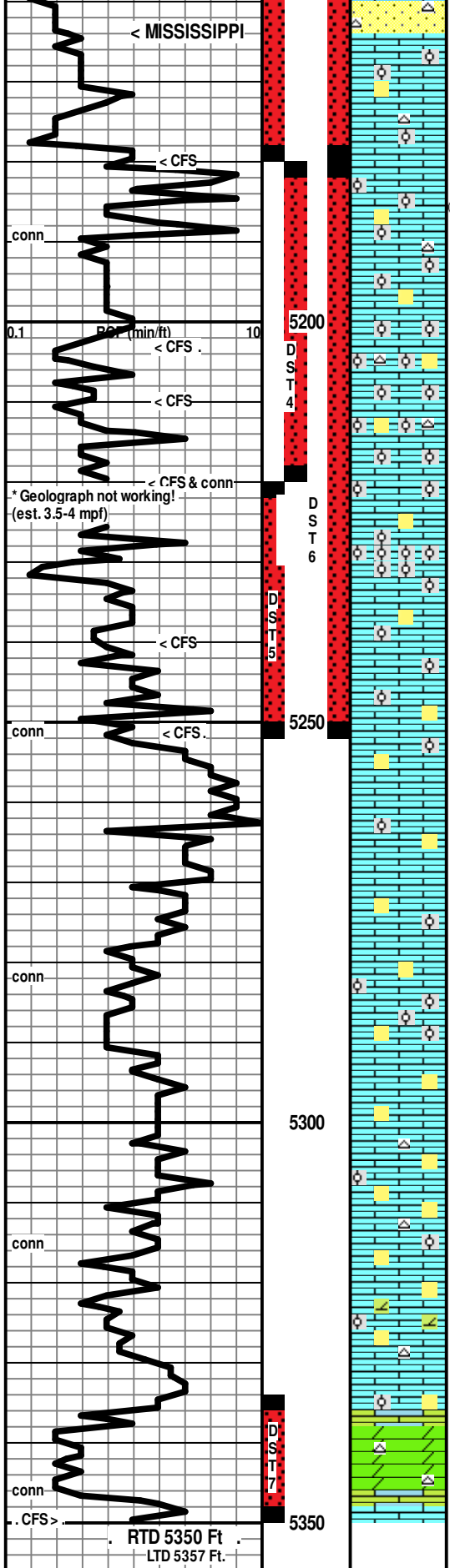
7:00 AM, October 30, 2022

Mud Check, Drlg @ 5029':
Vis Wt WL PV YP
48 9.2 8.8 16 15
Chl Hd ph LCM Solids
9300 8 10.0 2 5.9

* 5180': Hit hard bridge near bottom of surf. csg. While going in hole with DST #2 @ 5180 ft! Came back out of hole with tool. Went in with bit and found bridge at 1235 ft. (522' collars + 11.5 stands of drill pipe.) Washed through it several times with bit and still slightly feel it when trying to drop through it. Driller does not feel the bridge after several additional times through it. Went to bottom with bit to Condition hole!

DST #2: 5104-5180 (Morrow, Mississippi)
Misrun, Hit bridge in casing at 1235' going in hole with tools. Pulled tools!

DST #3: 5104-5180 (Morrow, Mississippi)
Times: 15-30-10-out
Initial Open: Wk Blow, built to 1" i.b.
Final Open: No Blow
Rec: 5' mud
IHP: 2648 FHP: 2506
IFP: 27-37 FFP: 34-38
ISIP: 360 FSIP: NA
BHT: 110°F



5164 (-2519)
 Show Descr. —————>
 Ls wh-cr, fn xln, pr vis xln por, ool in pt with scatt interool pores & scatt weath'd ools; Sd cr-pl gy, vfn-fn gm, gd sort, pr-fr-gd-exc fri, subrdsubanglr, limey in pt; some fresh brn foss chert *Sd verified to be above Miss. by logs

5190' & 5200' spls: V Fnt Odor on crush, Rr spots of dull fluor. NSO. NSG!
 Ls wh-cr, fn xln, pr vis xln por with some scatt interfoss & interool pores, subchalky in pt, sdy in pt, abund foss, ool, & pellets; high shale % gy-dk gy-pl grn-grnish, mushy/waxy

5210' CFS: Ls wh-cr, fn xln, packed ool (md) scatt interool pores, pr-gd crush, subchalky cement in pt, some loose ool in tray, some fresh ool chert

5220' & CFS spls: Ls wh-cr, fn xln, packed ool (md) scatt interool pores, pr-gd crush, subchalky cement in pt, some loose ool in tray, some fresh chert, wh-gy, ool in pt, foss in pt

5230' & 5240' spls" 80% Sh gmish-dk gy-blk; 25% Ls wh-cr, sdy, ool, pr xln por, to chalky

5240' CFS: Ls wh-cr, fn xln, abund loosely cem ool (md-crs) with scatt loose ool, gd crush, some vis interool pores & Rr sm vugs

5251' & CFS: Ls wh-cr, fn xln, abund loosely cem ool (md-crs) with scatt loose ool, gd crush, some vis interool pores

5260' spl: 80% Shales various colors; 20% Ls & Dol Ls, fn xln, silty-subscr text in pt, dns to pr xln por

5270' spl: 98% Shales red-gy-dk gy-blk-grnish, silty to earthy to argil text; Tr silty white Ls
 * Shale likely sloughing from well above!

5280' spl: 98% Shales red-gy-dk gy-blk-grnish, silty to earthy to argil text; Tr silty/sdy white Ls

5290' spl: 75% Ls wh-cr, fn xln-fn sdy, chalky cement in pt, pr vis xln por, ool in pt (fn), scatt gm glauc specks; 25% shales as above

5300' spl: 80% Ls wh-cr, fn xln-fn sdy, chalky cement in pt, pr vis xln por, incr. ool pcs (mostly fn, some pcs md), scatt gm glauc specks; 20% shales as above

5315' spl: Ls wh-cr-pl gy, fn xln, sdy, scatt grnish glauc specks, scatt fn ool, chert: fresh, wh-tan, ool, transl

5320' spl: Ls wh-cr-pl gy, fn xln, sdy, scatt grnish glauc specks, Rr scatt fn ool, chert: fresh, wh-tan, ool, transl; 30% Shales gy-pl gy-pl grn-dk gy-blk-red

5330' & 5340' spls: Ls wh-cr-pl gy, fn xln, silty to sdy, some questionably dolom, scatt grnish glauc specks, Rr scatt fn ool, chert: fresh, wh-tan, ool, transl; 20% Shales gy-pl gy-pl grn-dk gy-blk-red

Dol vfn-fn xln, silty-sucrosic text, pr vis xln por, pr-fr crush, Chert: wh-pl gy, fresh, subopaq-subtransl, foss in pt [No shows]

[5170' A few pcs total with spots & patches of mod fluor, NSO, NSG]
 [5150' & CFS: Mild Odor, Mod am't of Sd & Ls with speckled to even moderate fluor, Sd has sli shows of tan-lt brn, gassy FO show on crush, Ls has Rr pcs with trace shows of colorless micro-drops of FO on crush]

7:00 AM, October 31, 2022 5180':
 7:00 AM, November 01, 2022
 52 9.2 9.2 17 16
 Chl Hd ph LCM Solids
 7600 8 10.5 1.5 6.0

Mud Check, TOOH/DST3 @ 5180':
 Vis Wt WL PV YP
 43 9.3 12.8 13 12
 Chl Hd ph LCM Solids
 12200 40 9.0 2 6.4 * Add Premix!
 7:00 AM, November 02, 2022

[5210' CFS: Mod Odor early, Rr spots of dull-mod fluor, Rr micro-drop of colorless FO, Low % pcs with sli show gas to v gassy]
 [5220' & CFS: No Odor, Scatt specks & patches of brt fluor, with trace/sli shows of micro-drops of FO on crush, Tr show of gas on crush]
 [5240' CFS: Mild odor on crush, v Low % of pcs with speckled to patchy dull-brt fluor, Rr tr show of micro-drops colorless oil on crush, *2-pcs with abund brt fluor and Fr show of v lt tan gassy FO on crush]
 [5251' & CFS: Fnt odor on crush, Rr pcs with speckled to patchy dull-brt fluor, Rr tr show of micro-drops colorless oil on crush, *1-pcs with abund brt fluor and Fr show of v lt tan gassy FO on crush]

DST #4 5180-5220 (Mississippi)
 Times: 05-45-60-90
 Initial Open: Stg Blow, b.o.b. 2 min, built to 70", No Return Blow
 Final Open: Stg Blow, b.o.b. instant, gts 25 min, No Return Blow
 Rec: 125' SOGCM: 08%g 02%o 90%
 IHP: 2516 FHP: 2512
 IFP: 41-36 FFP: 47-53
 ISIP: 1553 FSIP: 1537
 BHT: 113°F
 Final Open Gas Gauges:
 30 min 11 PSIG 1/4" choke 37MCFGPD
 40 09 1/4" 35
 50 07 1/4" 32
 60 08 1/4" 33

DST#5: 5220-5251 (Mississippi)
 Times: 05-45-60-90
 Initial Open: Stg Blow, b.o.b. 2 min, built to 108", No Return Blow
 Final Open: Stg Blow b.o.b. instant, built to 693", Return blow built to 1.2" then died
 Rec: 4800' mud
 (Packers leaked then failed 100%)

7:00 AM, November 07, 2022

DST #6: 5180-5251 (Mississippi)
 Times: 05-45-90-180
 Initial Open: Stg Blow, b.o.b. 5 min, built to 13", No Return Blow
 Final Open: Stg Blow, b.o.b. 15 sec, built to 192", No Return Blow
 Rec: 2300' gas in pipe,
 170' SOGWCM: 05%g 10%o 05%w 80%
 (Not able to check chl of wtr)
 IHP: 2507 FHP: 2439



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Blattner #1-28

28-28S-26W Ford,KS

Start Date: 2022.10.29 @ 08:10:00

End Date: 2022.10.29 @ 18:43:47

Job Ticket #: 69595 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.11.10 @ 08:45:40

Carmen Schmitt, Inc. 28-28S-26W Ford,KS Blattner #1-28 DST # 1 Pawnee 2022.10.29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
PO Box 47
Great Bend, KS 67530
ATTN: Brad Rine

28-28S-26W Ford,KS
Blattner #1-28
Job Ticket: 69595 **DST#: 1**
Test Start: 2022.10.29 @ 08:10:00

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: 2648.00 ft (KB)
Time Tool Opened: 13:05:02
Time Test Ended: 18:43:47
Interval: **4946.00 ft (KB) To 4990.00 ft (KB) (TVD)**
Total Depth: 4990.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69
Reference Elevations: 2648.00 ft (KB)
2637.00 ft (CF)
KB to GR/CF: 11.00 ft

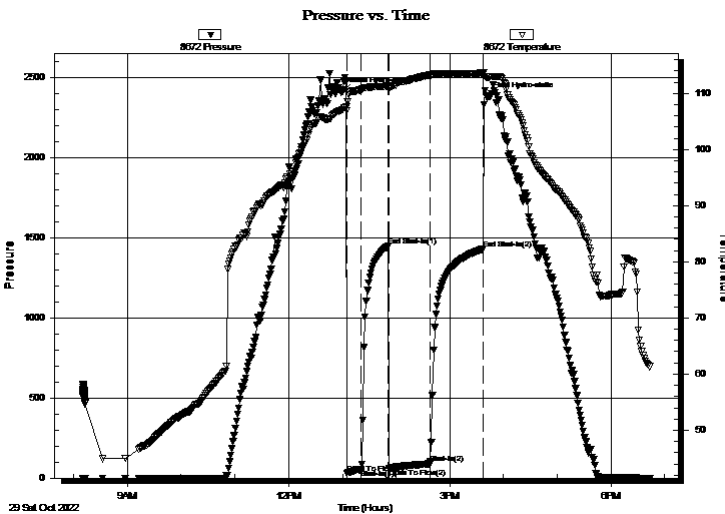
Serial #: 8672

Inside

Press@RunDepth: 89.82 psig @ 4948.00 ft (KB) Capacity: psig
Start Date: 2022.10.29 End Date: 2022.10.29 Last Calib.: 1899.12.30
Start Time: 08:10:01 End Time: 18:43:47 Time On Btm: 2022.10.29 @ 13:00:02
Time Off Btm: 2022.10.29 @ 15:40:32

TEST COMMENT: IF: 15 min., fair building blow , 2.8 inches
IS: 30 min., no blow back
FF: 45 min., fair building blow , 4.4 inches
FS: 60 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2416.07	107.16	Initial Hydro-static
5	29.02	106.92	Open To Flow (1)
21	53.37	110.68	Shut-In(1)
51	1447.82	111.29	End Shut-In(1)
52	59.55	111.06	Open To Flow (2)
98	89.82	113.29	Shut-In(2)
157	1430.30	113.62	End Shut-In(2)
161	2384.31	112.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	muddy water 40%M, 60%W	0.59

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69595

DST#: 1

ATTN: Brad Rine

Test Start: 2022.10.29 @ 08:10:00

Tool Information

Drill Pipe:	Length: 4806.00 ft	Diameter: 3.80 inches	Volume: 67.42 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 68.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4946.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4921.00	
Hydraulic tool	5.00			4926.00	
Isolator Sub	3.00			4929.00	
Jars	5.00			4934.00	
Safety Joint	3.00			4937.00	
Packer	5.00			4942.00	30.00 Bottom Of Top Packer
Packer	4.00			4946.00	
Stubb	1.00			4947.00	
Perforations	1.00			4948.00	
Recorder	0.00	8672	Inside	4948.00	
Recorder	0.00	6751	Outside	4948.00	
Pickup sub perf	5.00			4953.00	
Change Over Sub	1.00			4954.00	
Drill Pipe	32.00			4986.00	
Change Over Sub	1.00			4987.00	
Bullnose	3.00			4990.00	44.00 Bottom Packers & Anchor
Total Tool Length:	74.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69595

DST#: 1

ATTN: Brad Rine

Test Start: 2022.10.29 @ 08:10:00

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:

20000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	muddy water 40%M, 60%W	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

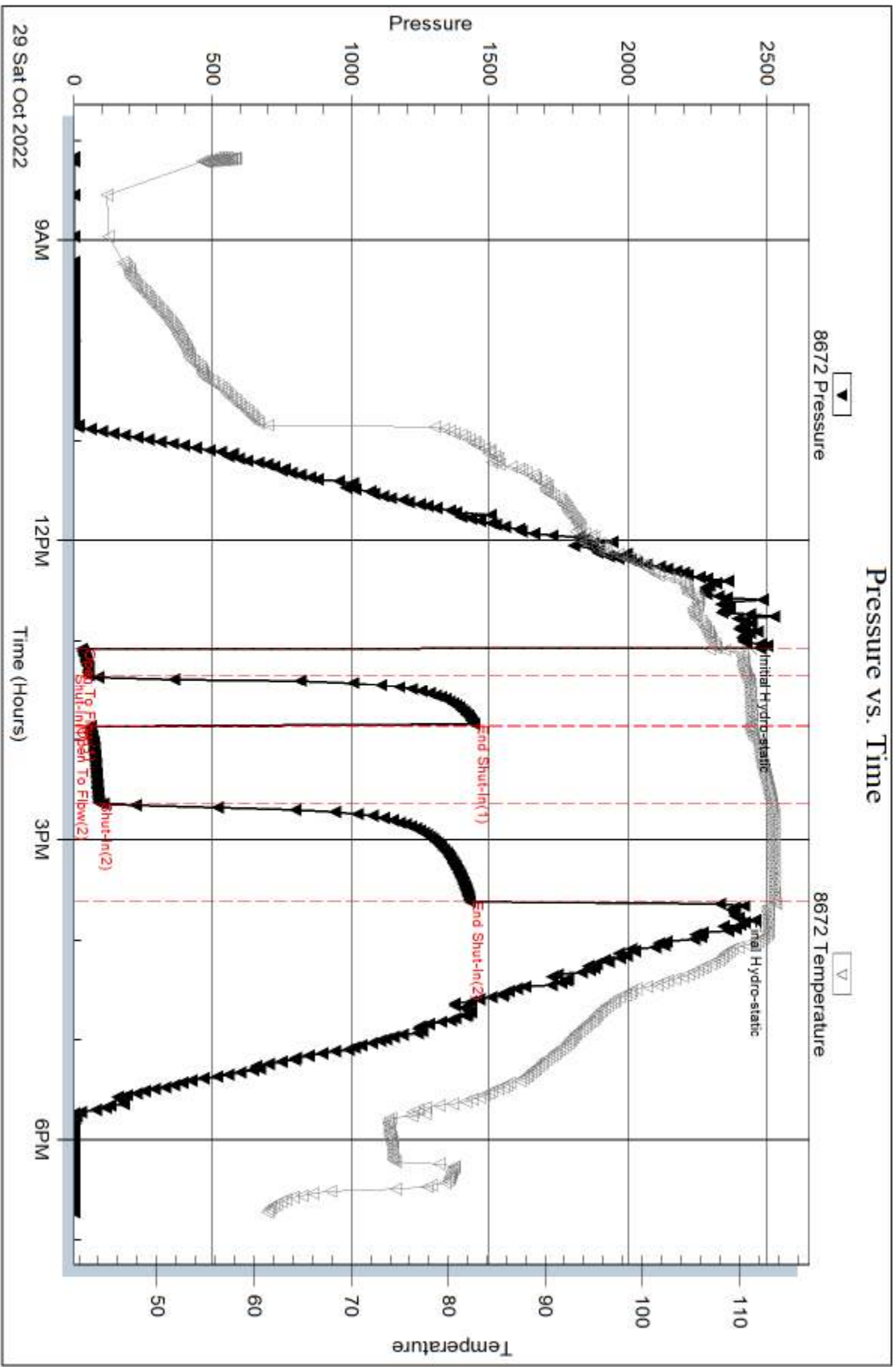
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.338@62F=20,000ppm

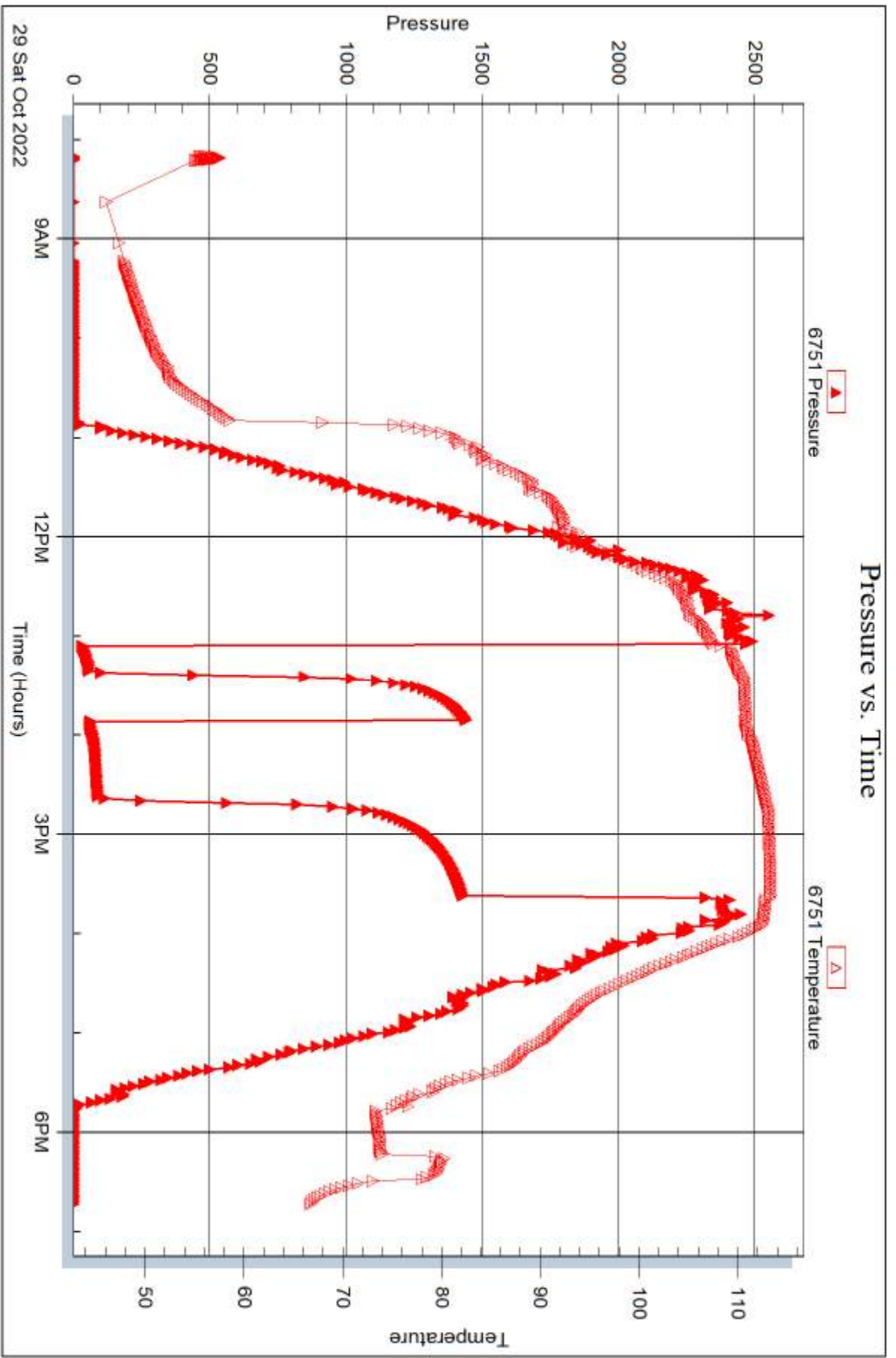


Serial #: 6751

Outside Carmen Schnitt, Inc.

Blatner #1-28

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69595

Printed: 2022.11.10 @ 08:45:41



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Blattner #1-28

28-28S-26W Ford,KS

Start Date: 2022.10.29 @ 08:10:00

End Date:

Job Ticket #: 69596

DST #: 2

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

Printed: 2022.11.10 @ 08:45:08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
PO Box 47
Great Bend, KS 67530
ATTN: Brad Rine

28-28S-26W Ford,KS
Blattner #1-28
Job Ticket: 69596 **DST#: 2**
Test Start: 2022.10.29 @ 08:10:00

GENERAL INFORMATION:

Formation: **Morrow, Miss**

Deviated: No Whipstock: 2648.00 ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole (Reset)

Tester: Eric Burgess

Unit No: 69

Interval: 5104.00 ft (KB) To 5180.00 ft (KB) (TVD)

Total Depth: 5180.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition:

Reference Elevations: 2648.00 ft (KB)

2637.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8672 Inside

Press@RunDepth: psig @ 5107.00 ft (KB)

Start Date: 2022.10.31

End Date: 2022.10.31

Capacity: psig

Last Calib.: 1899.12.30

Start Time: 06:10:52

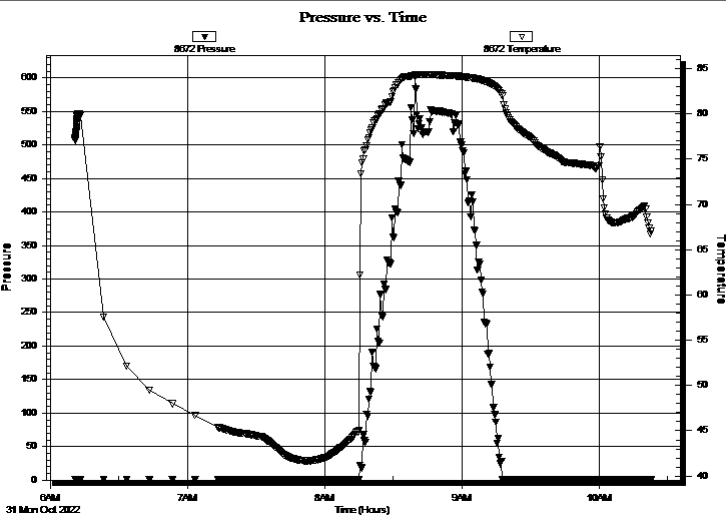
End Time: 10:23:08

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Stacked out around 1298'. TOHWT to TIHWB.

Also found a piece of aluminum can w ith date printed on it in top of shut in tool.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	M 100%M	

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

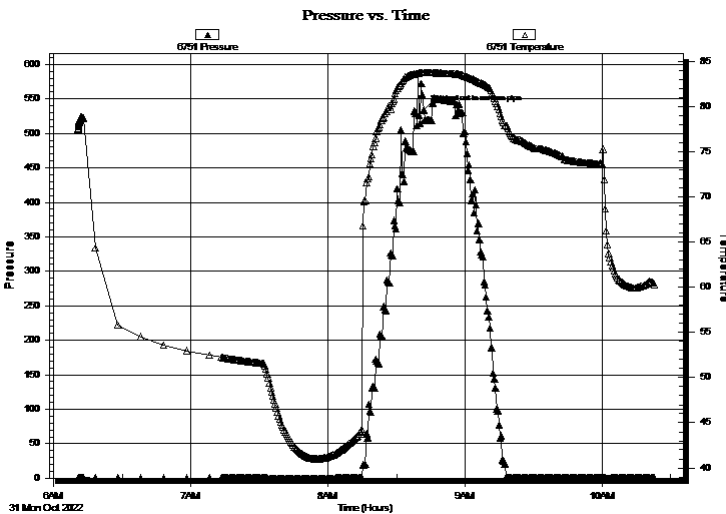
28-28S-26W Ford,KS
Blattner #1-28
 Job Ticket: 69596 **DST#: 2**
 Test Start: 2022.10.29 @ 08:10:00

GENERAL INFORMATION:

Formation: **Morrow, Miss**
 Deviated: No Whipstock: 2648.00 ft (KB)
 Time Tool Opened:
 Time Test Ended:
Interval: 5104.00 ft (KB) To 5180.00 ft (KB) (TVD)
 Total Depth: 5180.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Eric Burgess
 Unit No: 69
 Reference Elevations: 2648.00 ft (KB)
 2637.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6751 Outside
 Press@RunDepth: psig @ 5107.00 ft (KB) Capacity: psig
 Start Date: 2022.10.31 End Date: 2022.10.31 Last Calib.: 2022.10.31
 Start Time: 06:10:32 End Time: 10:22:48 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Stacked out around 1298'. TOHWT to TIHWB.
 Also found a piece of aluminum can with date printed on it in top of shut in tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	533.85	83.81	Stacked out in surface pipe

Recovery

Length (ft)	Description	Volume (bbl)
15.00	M 100%M	

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69596

DST#: 2

ATTN: Brad Rine

Test Start: 2022.10.29 @ 08:10:00

Tool Information

Drill Pipe:	Length:	ft	Diameter:	3.80 inches	Volume:	- bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	40000.00 lb
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	Weight to Pull Loose:	0.00 lb
					<u>Total Volume:</u>	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	-4954.00 ft						String Weight: Initial	40000.00 lb
Depth to Top Packer:	5104.00 ft						Final	40000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	76.00 ft							
Tool Length:	106.00 ft							
Number of Packers:	2		Diameter:	6.75 inches				

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5079.00	
Hydraulic tool	5.00			5084.00	
Isolator Sub	3.00			5087.00	
Jars	5.00			5092.00	
Safety Joint	3.00			5095.00	
Packer	5.00			5100.00	30.00 Bottom Of Top Packer
Packer	4.00			5104.00	
Stubb	1.00			5105.00	
Perforations	2.00			5107.00	
Recorder	0.00	8672	Inside	5107.00	
Recorder	0.00	6751	Outside	5107.00	
Pickup sub perf	5.00			5112.00	
Change Over Sub	1.00			5113.00	
Drill Pipe	63.00			5176.00	
Change Over Sub	1.00			5177.00	
Bullnose	3.00			5180.00	76.00 Bottom Packers & Anchor
Total Tool Length:	106.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69596

DST#: 2

ATTN: Brad Rine

Test Start: 2022.10.29 @ 08:10:00

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: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	M 100%M	

Total Length: 15.00 ft

Total Volume: bbl

Num Fluid Samples: 0

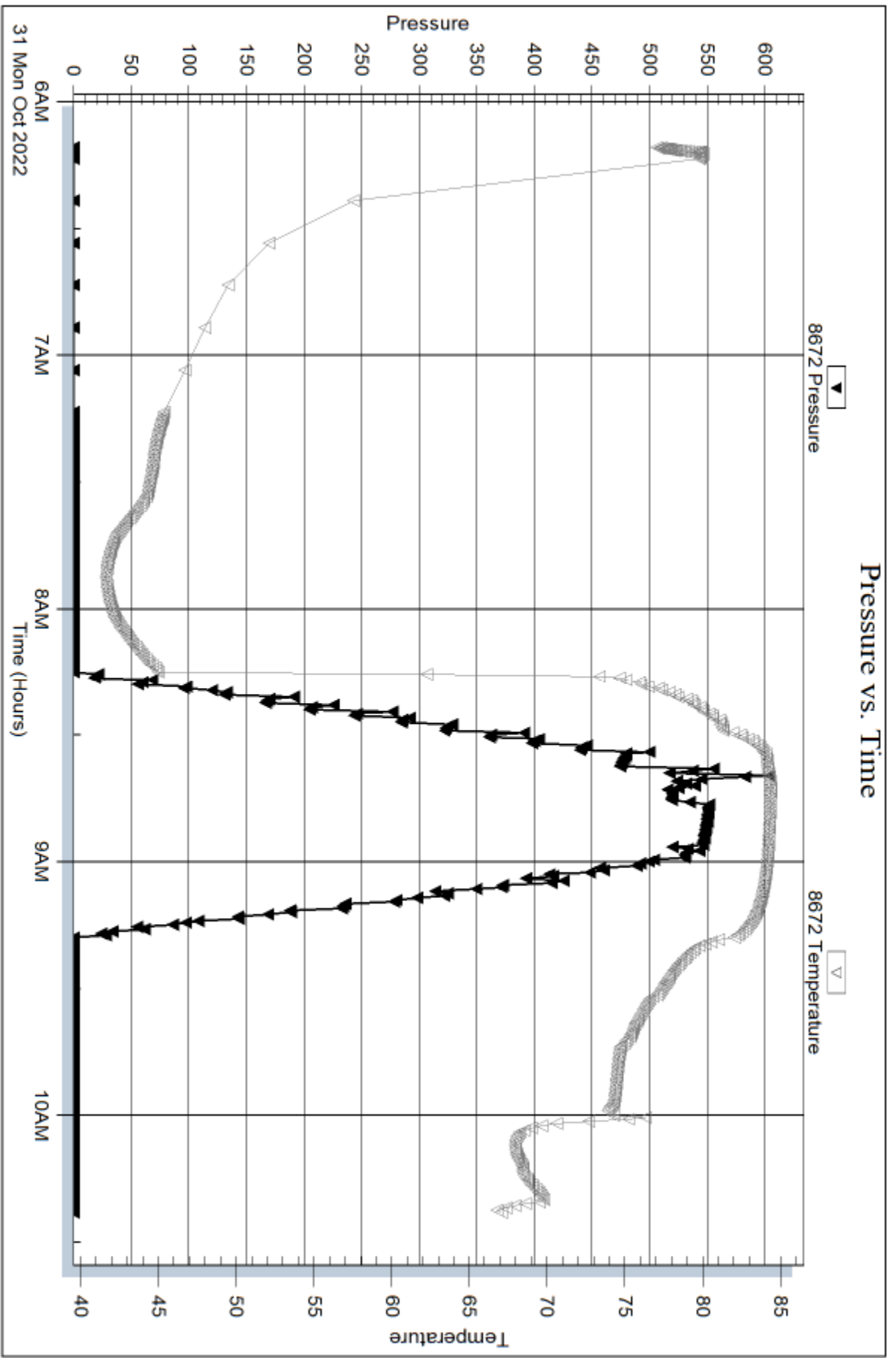
Num Gas Bombs: 0

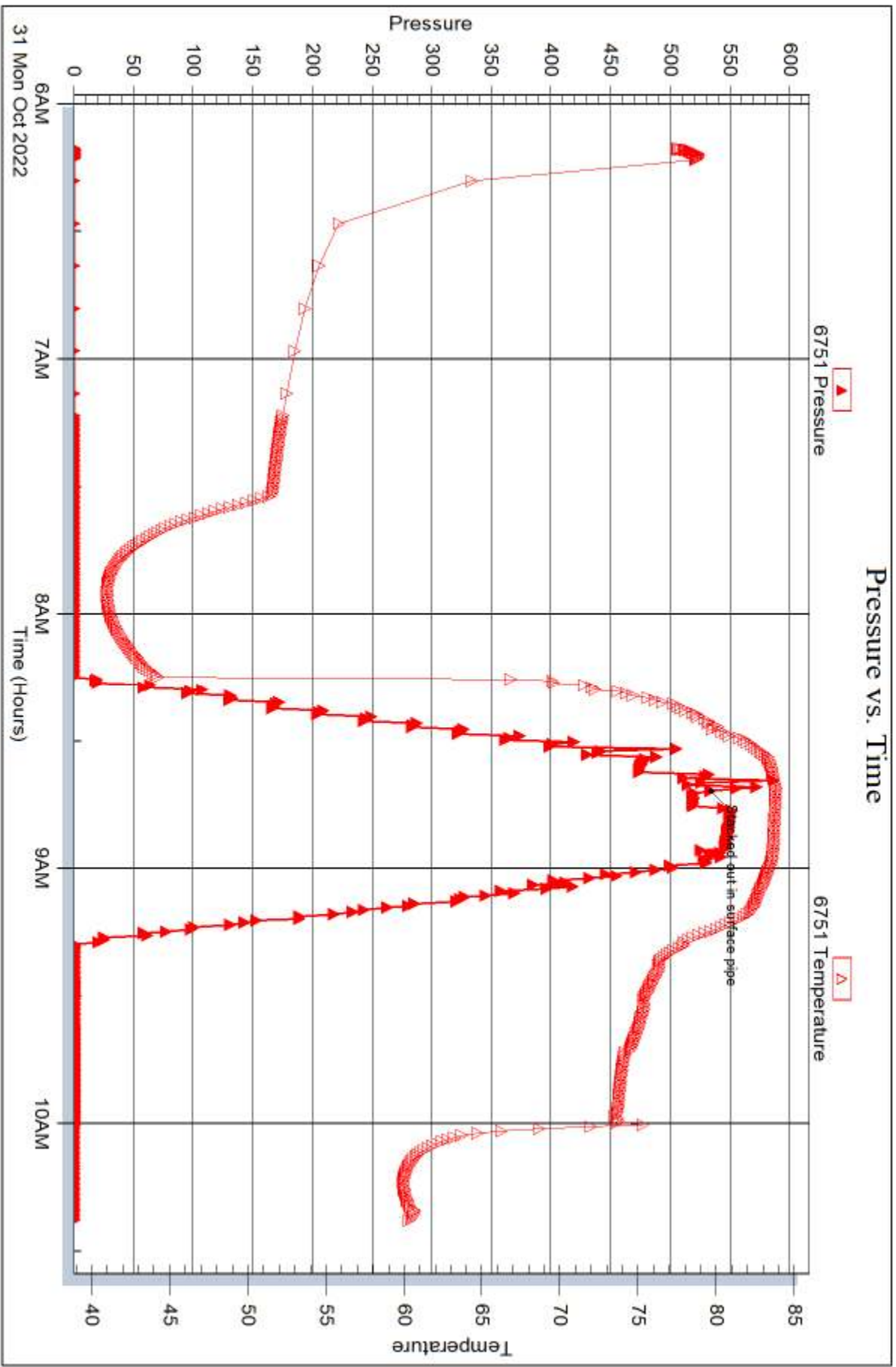
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Blattner #1-28

28-28S-26W Ford,KS

Start Date: 2022.11.01 @ 10:00:20

End Date: 2022.11.01 @ 18:20:22

Job Ticket #: 69597 DST #: 3

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

Printed: 2022.11.10 @ 08:44:30



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

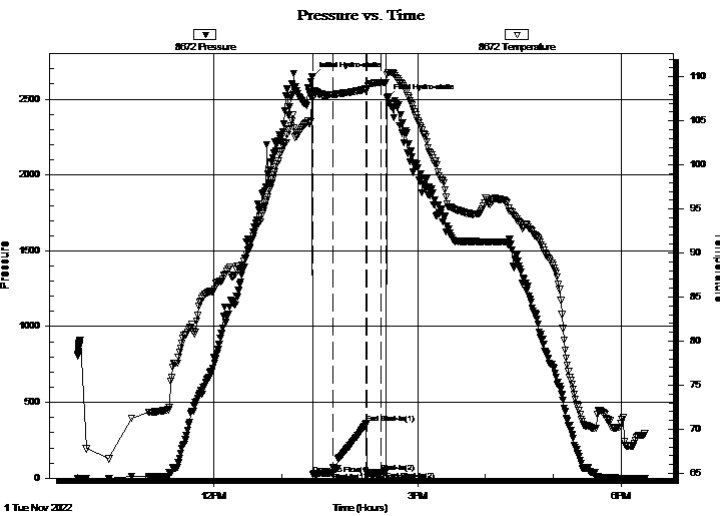
28-28S-26W Ford,KS
Blattner #1-28
 Job Ticket: 69597 **DST#: 3**
 Test Start: 2022.11.01 @ 10:00:20

GENERAL INFORMATION:

Formation: **Morrow, Miss**
 Deviated: No Whipstock: 2648.00 ft (KB)
 Time Tool Opened: 13:27:52
 Time Test Ended: 18:20:22
 Interval: **5104.00 ft (KB) To 5180.00 ft (KB) (TVD)**
 Total Depth: 5180.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Eric Burgess
 Unit No: 69
 Reference Elevations: 2648.00 ft (KB)
 2637.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8672 Inside
 Press@RunDepth: 38.33 psig @ 5107.00 ft (KB) Capacity: psig
 Start Date: 2022.11.01 End Date: 2022.11.01 Last Calib.: 1899.12.30
 Start Time: 10:00:21 End Time: 18:20:22 Time On Btm: 2022.11.01 @ 13:27:22
 Time Off Btm: 2022.11.01 @ 14:33:07

TEST COMMENT: IF:Weak Building Blow built 1.00" in bucket. (15)
 IS:No Blow Back. (30)
 FF:No Blow in bucket advanced and pulled tool per Geo. (10)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2648.66	107.96	Initial Hydro-static
1	26.83	107.66	Open To Flow (1)
18	37.37	107.99	Shut-In(1)
48	359.74	108.62	End Shut-In(1)
48	33.94	108.56	Open To Flow (2)
61	38.33	109.33	Shut-In(2)
65	43.60	109.39	End Shut-In(2)
66	2506.13	110.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100%M	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
PO Box 47
Great Bend, KS 67530
ATTN: Brad Rine

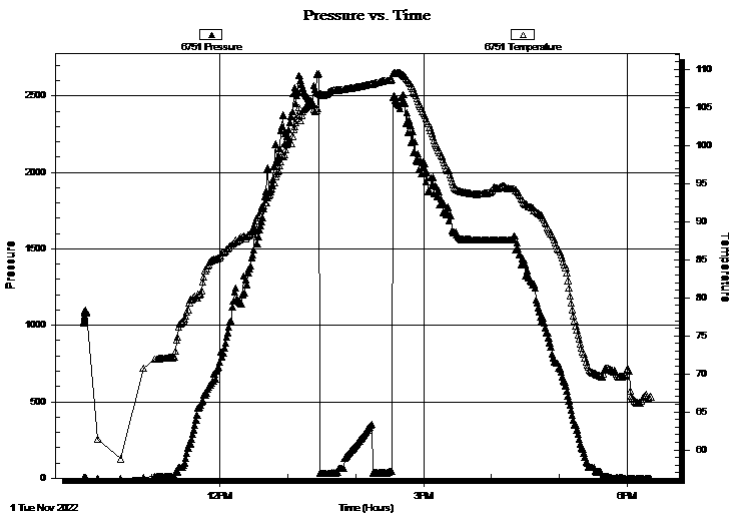
28-28S-26W Ford, KS
Blattner #1-28
Job Ticket: 69597 **DST#: 3**
Test Start: 2022.11.01 @ 10:00:20

GENERAL INFORMATION:

Formation: **Morrow, Miss**
Deviated: No Whipstock: 2648.00 ft (KB)
Time Tool Opened: 13:27:52
Time Test Ended: 18:20:22
Interval: **5104.00 ft (KB) To 5180.00 ft (KB) (TVD)**
Total Depth: 5180.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Eric Burgess
Unit No: 69
Reference Elevations: 2648.00 ft (KB)
2637.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6751 Outside
Press@RunDepth: psig @ 5107.00 ft (KB) Capacity: psig
Start Date: 2022.11.01 End Date: 2022.11.01 Last Calib.: 2022.11.01
Start Time: 10:00:13 End Time: 18:20:14 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Weak Building Blow built 1.00" in bucket. (15)
IS: No Blow Back. (30)
FF: No Blow in bucket advanced and pulled tool per Geo. (10)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100%M	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

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69597

DST#: 3

ATTN: Brad Rine

Test Start: 2022.11.01 @ 10:00:20

Tool Information

Drill Pipe:	Length: 4970.00 ft	Diameter: 3.80 inches	Volume: 69.72 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	24000.00 lb
			<u>Total Volume: 70.31 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	5104.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	76.00 ft				
Tool Length:	106.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5079.00	
Hydraulic tool	5.00			5084.00	
Isolator Sub	3.00			5087.00	
Jars	5.00			5092.00	
Safety Joint	3.00			5095.00	
Packer	5.00			5100.00	30.00 Bottom Of Top Packer
Packer	4.00			5104.00	
Stubb	1.00			5105.00	
Perforations	2.00			5107.00	
Recorder	0.00	8672	Inside	5107.00	
Recorder	0.00	6751	Outside	5107.00	
Pickup sub perf	5.00			5112.00	
Change Over Sub	1.00			5113.00	
Drill Pipe	63.00			5176.00	
Change Over Sub	1.00			5177.00	
Bullnose	3.00			5180.00	76.00 Bottom Packers & Anchor
Total Tool Length:	106.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69597

DST#: 3

ATTN: Brad Rine

Test Start: 2022.11.01 @ 10:00:20

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: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

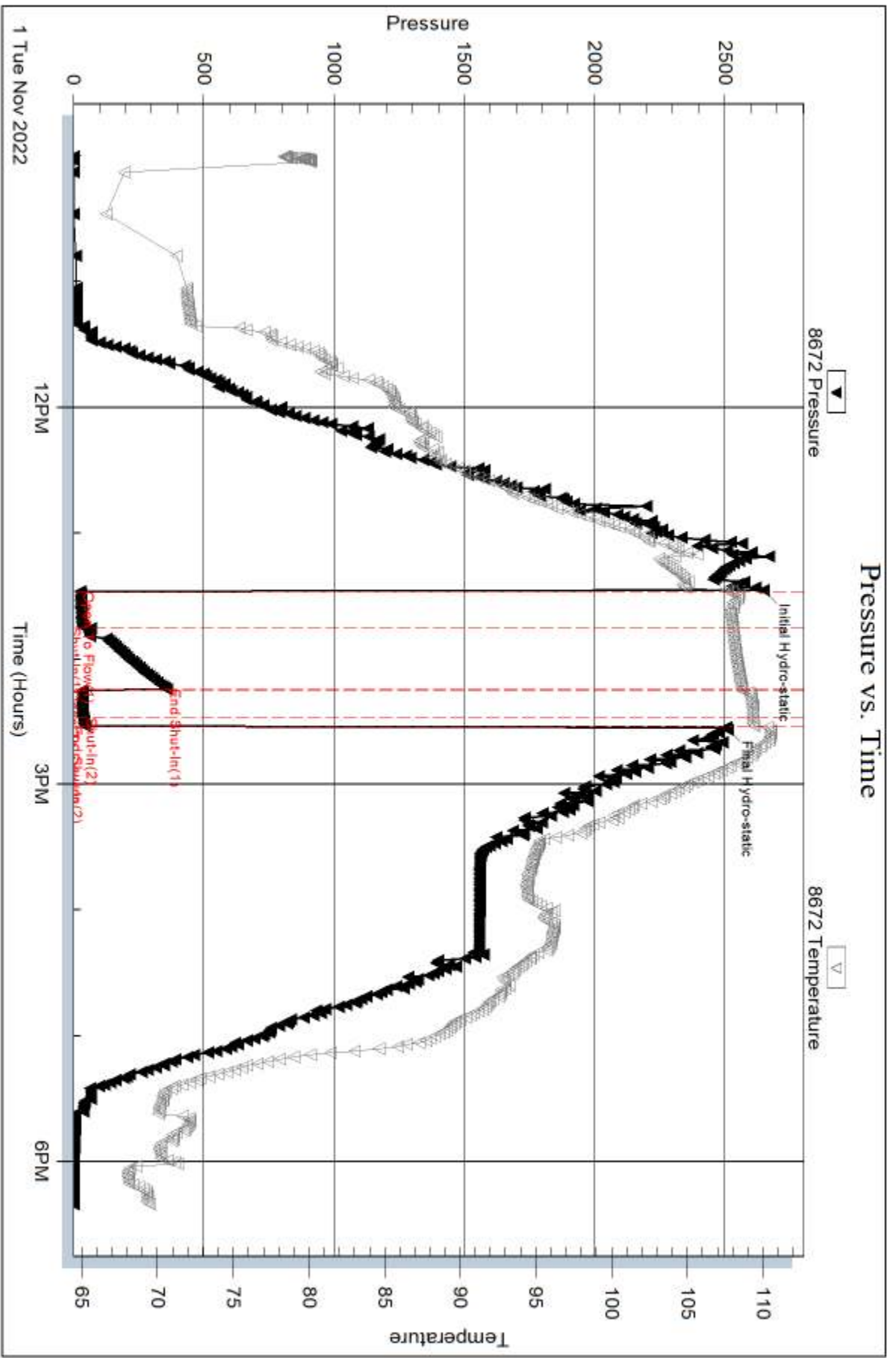
Num Gas Bombs: 0

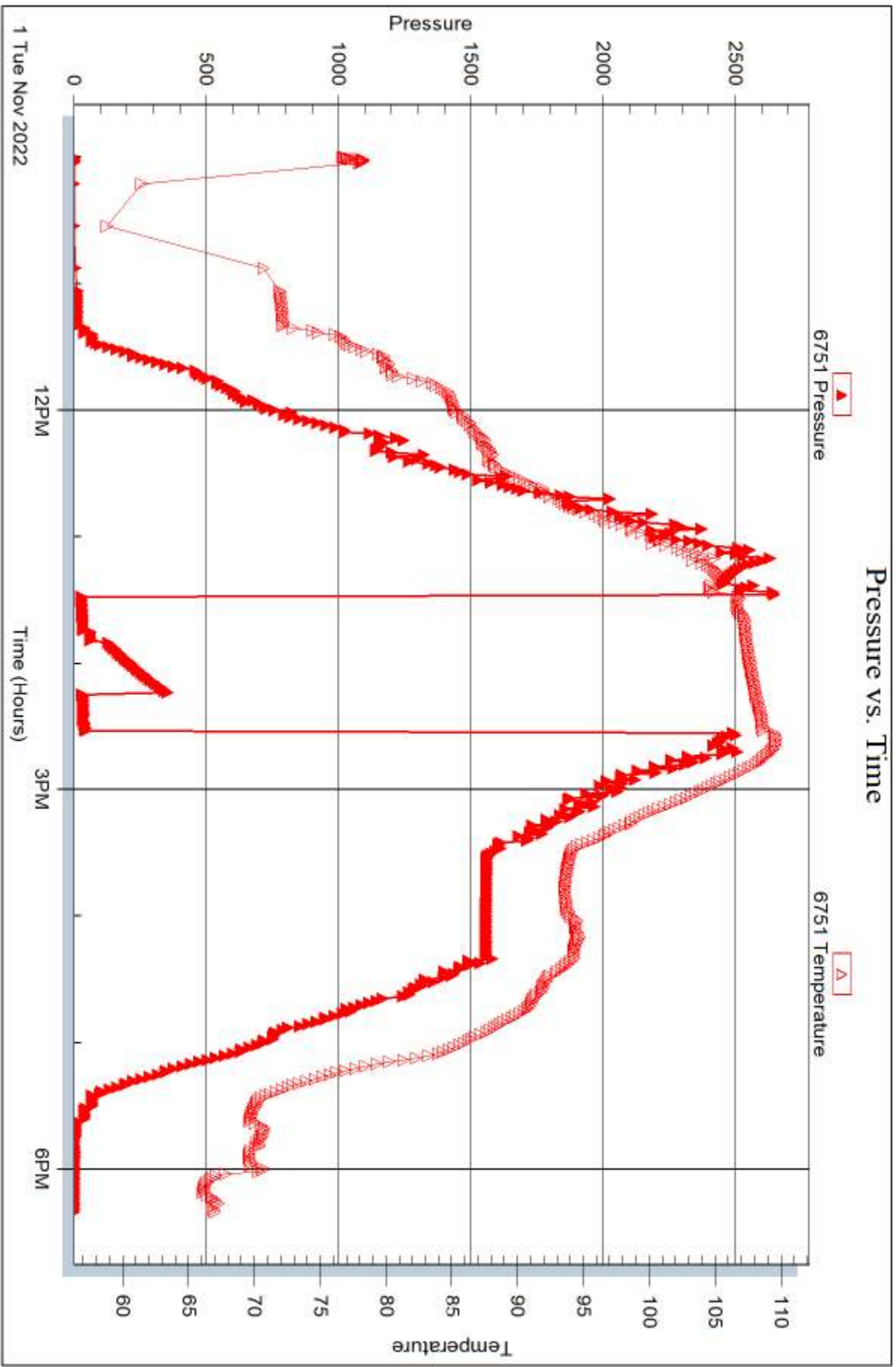
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Blattner #1-28

28-28S-26W Ford,KS

Start Date: 2022.11.02 @ 14:33:00

End Date: 2022.11.03 @ 04:14:32

Job Ticket #: 69598 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.11.10 @ 08:43:56



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

28-28S-26W Ford,KS
Blattner #1-28
 Job Ticket: 69598 **DST#: 4**
 Test Start: 2022.11.02 @ 14:33:00

GENERAL INFORMATION:

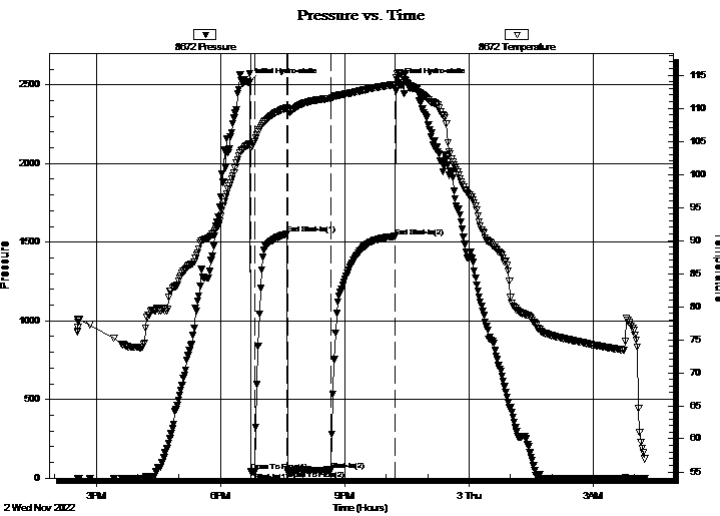
Formation: **Miss.**
 Deviated: No Whipstock: 2648.00 ft (KB)
 Time Tool Opened: 18:44:32
 Time Test Ended: 04:14:32
 Interval: **5180.00 ft (KB) To 5220.00 ft (KB) (TVD)**
 Total Depth: 5220.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Hagman
 Unit No: 69
 Reference Elevations: 2648.00 ft (KB)
 2637.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8672

Inside

Press@RunDepth: 52.74 psig @ 5184.00 ft (KB) Capacity: psig
 Start Date: 2022.11.02 End Date: 2022.11.03 Last Calib.: 1899.12.30
 Start Time: 14:33:01 End Time: 04:14:32 Time On Btm: 2022.11.02 @ 18:41:32
 Time Off Btm: 2022.11.02 @ 22:17:32

TEST COMMENT: IF: 5 min., BOB 2 min., strong building blow , 70 inches
 IS: 30 min., no blow back
 FF: 60 min., BOB ASAO, GTS 25 min., strong building blow
 FS: 90 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2515.92	104.56	Initial Hydro-static
3	40.51	104.21	Open To Flow (1)
8	35.58	104.91	Shut-In(1)
55	1552.55	110.04	End Shut-In(1)
57	46.58	109.50	Open To Flow (2)
118	52.74	111.47	Shut-In(2)
211	1536.77	113.61	End Shut-In(2)
216	2511.98	115.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	oil cut gassy mud 2%O,8%G,90%M	0.66

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	11.00	40.30
Last Gas Rate	0.25	8.00	35.54
Max. Gas Rate	0.25	11.00	40.30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

28-28S-26W Ford,KS
Blattner #1-28
 Job Ticket: 69598 **DST#: 4**
 Test Start: 2022.11.02 @ 14:33:00

GENERAL INFORMATION:

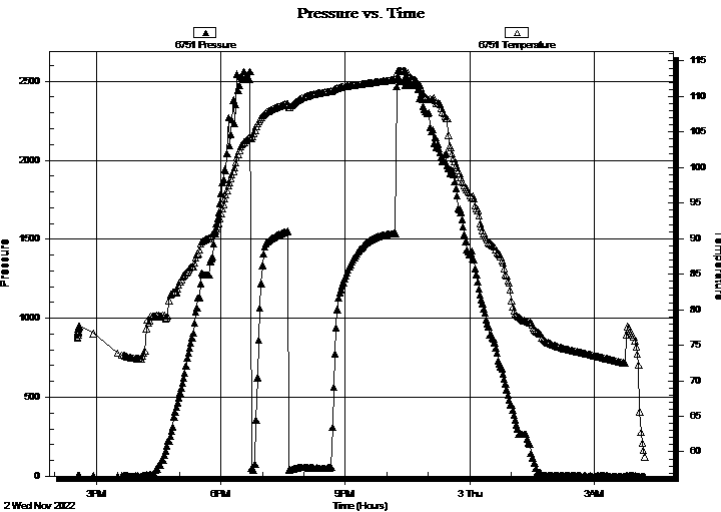
Formation: **Miss.**
 Deviated: No Whipstock: 2648.00 ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 18:44:32 Tester: Chris Hagman
 Time Test Ended: 04:14:32 Unit No: 69
Interval: 5180.00 ft (KB) To 5220.00 ft (KB) (TVD) Reference Elevations: 2648.00 ft (KB)
 Total Depth: 5220.00 ft (KB) (TVD) 2637.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 6751

Outside

Press@RunDepth: psig @ 5184.00 ft (KB) Capacity: psig
 Start Date: 2022.11.02 End Date: 2022.11.03 Last Calib.: 1899.12.30
 Start Time: 14:33:01 End Time: 04:14:32 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 5 min., BOB 2 min., strong building blow , 70 inches
 IS: 30 min., no blow back
 FF: 60 min., BOB ASAO, GTS 25 min., strong building blow
 FS: 90 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
125.00	oil cut gassy mud 2%O,8%G,90%M	0.66

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	11.00	40.30
Last Gas Rate	0.25	8.00	35.54
Max. Gas Rate	0.25	11.00	40.30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69598

DST#: 4

ATTN: Brad Rine

Test Start: 2022.11.02 @ 14:33:00

Tool Information

Drill Pipe:	Length: 5062.00 ft	Diameter: 3.80 inches	Volume: 71.01 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 71.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	5180.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			5155.00	
Hydraulic tool	5.00			5160.00	
Isolator Sub	3.00			5163.00	
Jars	5.00			5168.00	
Safety Joint	3.00			5171.00	
Packer	5.00			5176.00	30.00 Bottom Of Top Packer
Packer	4.00			5180.00	
Stubb	1.00			5181.00	
Perforations	3.00			5184.00	
Recorder	0.00	8672	Inside	5184.00	
Recorder	0.00	6751	Outside	5184.00	
Change Over Sub	1.00			5185.00	
Drill Pipe	31.00			5216.00	
Change Over Sub	1.00			5217.00	
Bullnose	3.00			5220.00	40.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69598

DST#: 4

ATTN: Brad Rine

Test Start: 2022.11.02 @ 14:33:00

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	oil cut gassy mud 2%O,8%G,90%M	0.660

Total Length: 125.00 ft

Total Volume: 0.660 bbl

Num Fluid Samples: 1

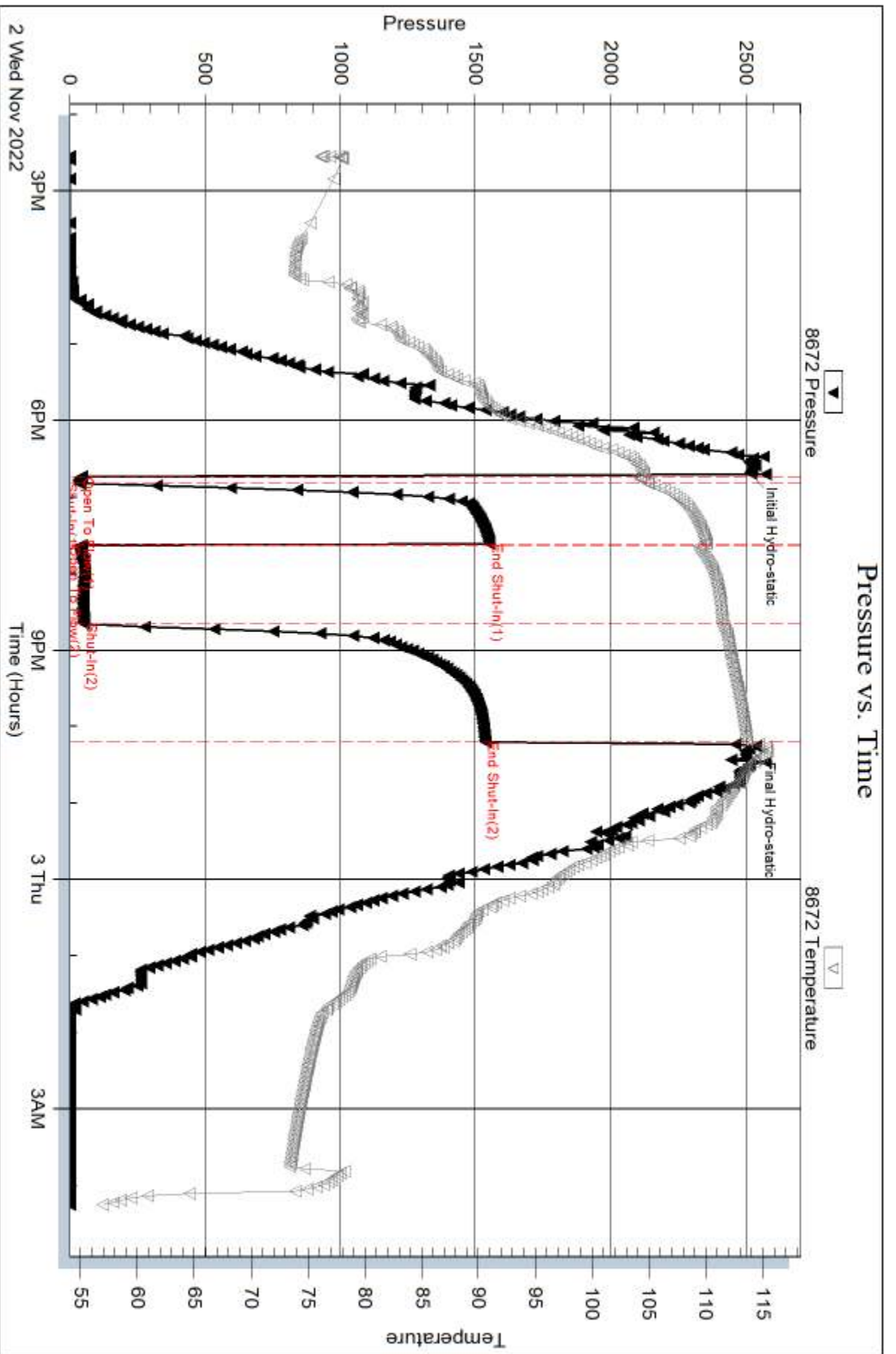
Num Gas Bombs: 1

Serial #:

Laboratory Name:

Laboratory Location: Liberal, KS

Recovery Comments:

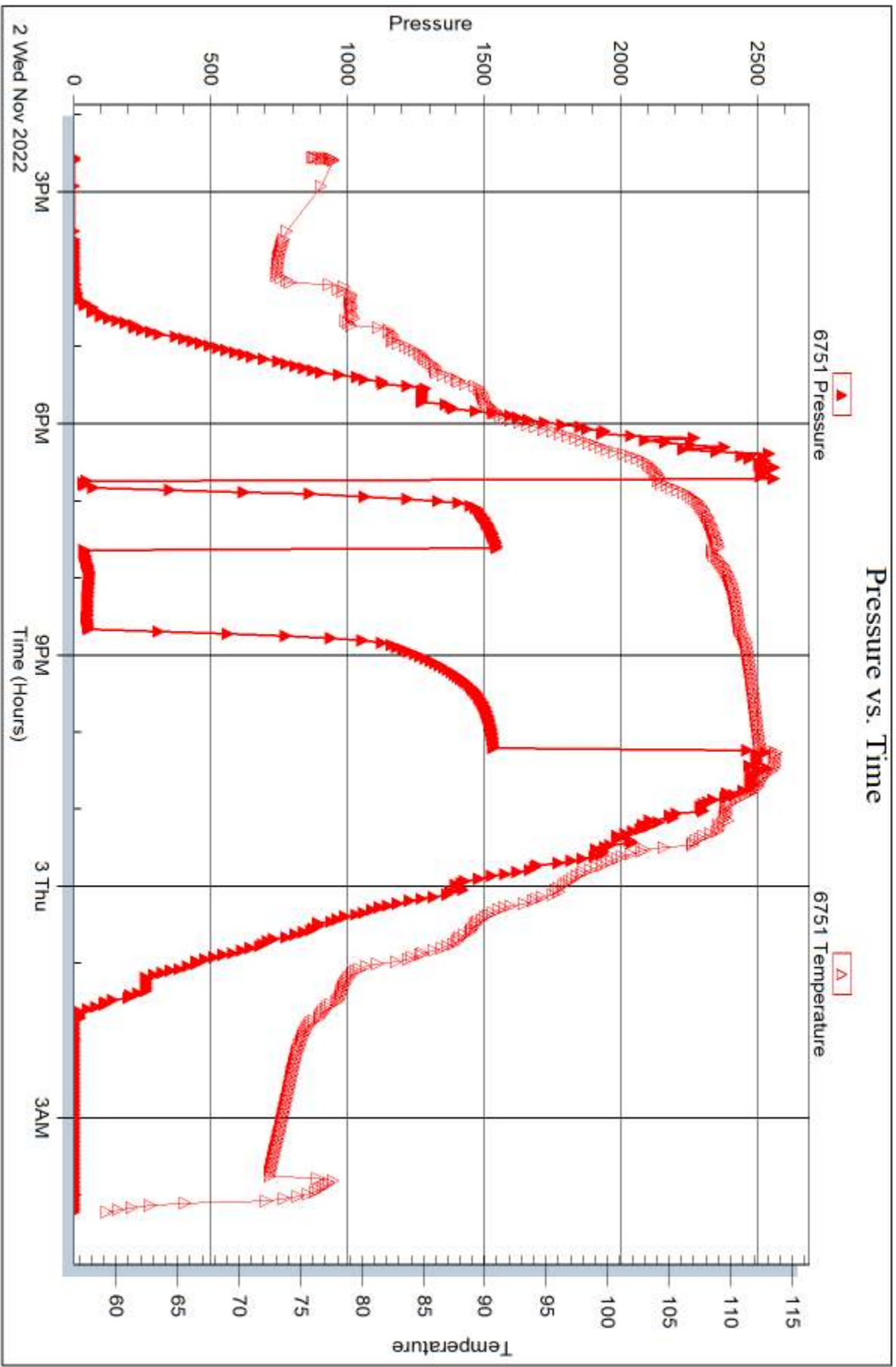


Serial #: 6751

Outside Carmen Schnitt, Inc.

Blatner #1-28

DST Test Number: 4



Tribble Testing, Inc

Ref. No: 69598

Printed: 2022.11.10 @ 08:43:57



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Blattner #1-28

28-28S-26W Ford,KS

Start Date: 2022.11.04 @ 00:00:00

End Date:

Job Ticket #: 69599

DST #: 5

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

Printed: 2022.11.10 @ 08:43:30



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
PO Box 47
Great Bend, KS 67530
ATTN: Brad Rine

28-28S-26W Ford,KS
Blattner #1-28
Job Ticket: 69599 **DST#: 5**
Test Start: 2022.11.04 @ 00:00:00

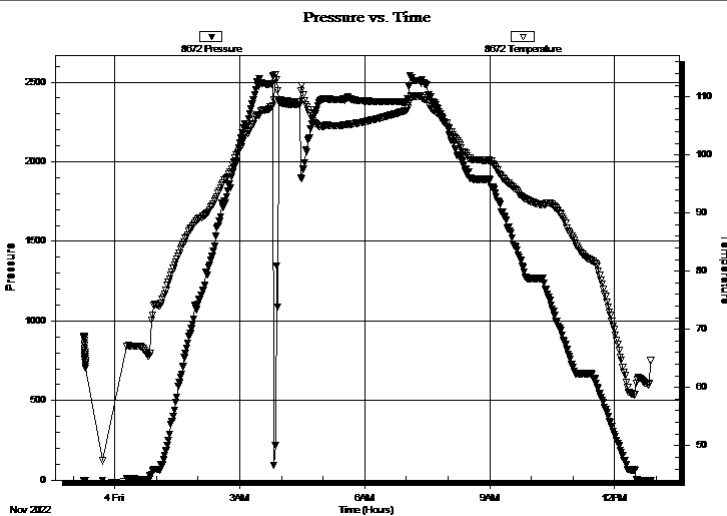
GENERAL INFORMATION:

Formation:	Miss.		
Deviated:	No	Whipstock:	2648.00 ft (KB)
Time Tool Opened:		Test Type:	Conventional Bottom Hole (Initial)
Time Test Ended:		Tester:	Chris Hagman
		Unit No:	69
Interval:	5220.00 ft (KB) To 5251.00 ft (KB) (TVD)	Reference Elevations:	2648.00 ft (KB)
Total Depth:	5251.00 ft (KB) (TVD)		2637.00 ft (CF)
Hole Diameter:	7.80 inches	Hole Condition:	Good
		KB to GR/CF:	11.00 ft

Serial #: 8672 **Inside**

Press@RunDepth:	psig @	5222.00 ft (KB)	Capacity:	psig	
Start Date:	2022.11.03	End Date:	2022.11.04	Last Calib.:	1899.12.30
Start Time:	23:15:01	End Time:	12:52:32	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF: 5 min., BOB 2 min., strong building blow
IS: 30 min., no blow back
FF: 60 min., BOB ASAO, strong building blow, 693 inches
FS: 90 min., blow back 2 min., 1.26 inches



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
4800.00	100%M	66.24

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

ATTN: Brad Rine

Job Ticket: 69599

DST#: 5

Test Start: 2022.11.04 @ 00:00:00

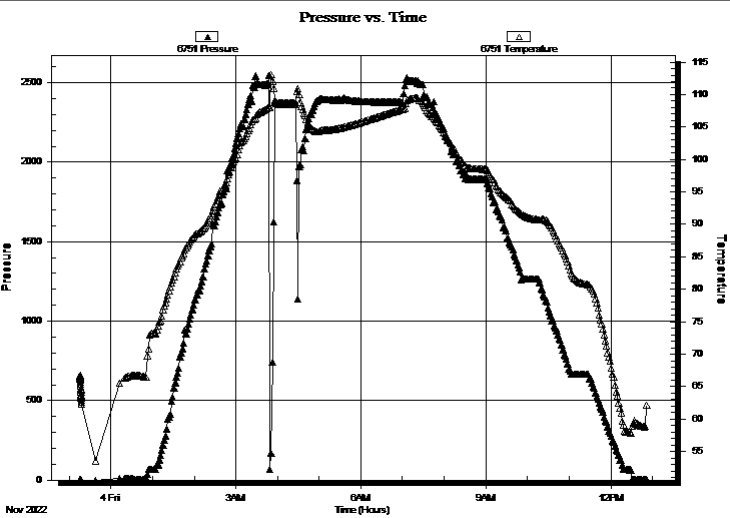
GENERAL INFORMATION:

Formation: Miss.		Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: 2648.00 ft (KB)		Tester: Chris Hagman
Time Tool Opened:		Unit No: 69
Time Test Ended:		Reference Elevations: 2648.00 ft (KB)
Interval: 5220.00 ft (KB) To 5251.00 ft (KB) (TVD)		2637.00 ft (CF)
Total Depth: 5251.00 ft (KB) (TVD)		KB to GR/CF: 11.00 ft
Hole Diameter: 7.80 inches	Hole Condition: Good	

Serial #: 6751 Outside

Press@RunDepth: psig @ 5222.00 ft (KB)	Capacity: psig
Start Date: 2022.11.03 End Date: 2022.11.04	Last Calib.: 1899.12.30
Start Time: 23:15:01 End Time: 12:52:32	Time On Btm:
	Time Off Btm:

TEST COMMENT: IF: 5 min., BOB 2 min., strong building blow
 IS: 30 min., no blow back
 FF: 60 min., BOB ASAO, strong building blow, 693 inches
 FS: 90 min., blow back 2 min., 1.26 inches



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
4800.00	100%M	66.24

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69599

DST#: 5

ATTN: Brad Rine

Test Start: 2022.11.04 @ 00:00:00

Tool Information

Drill Pipe:	Length: 5096.00 ft	Diameter: 3.80 inches	Volume: 71.48 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: 72.07 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	5220.00 ft			Final	95000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	31.00 ft				
Tool Length:	61.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Missrun, Packer failer durring initial flow

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

Shut In Tool	5.00			5195.00	
Hydraulic tool	5.00			5200.00	
Isolator Sub	3.00			5203.00	
Jars	5.00			5208.00	
Safety Joint	3.00			5211.00	
Packer	5.00			5216.00	30.00 Bottom Of Top Packer
Packer	4.00			5220.00	
Stubb	1.00			5221.00	
Perforations	1.00			5222.00	
Recorder	0.00	8672	Inside	5222.00	
Recorder	0.00	6751	Outside	5222.00	
Pickup sub perf	5.00			5227.00	
Perforations	21.00			5248.00	
Bullnose	3.00			5251.00	31.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69599

DST#: 5

ATTN: Brad Rine

Test Start: 2022.11.04 @ 00:00:00

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:

bbbl

Water Loss: 11.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4800.00	100%M	66.238

Total Length: 4800.00 ft Total Volume: 66.238 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

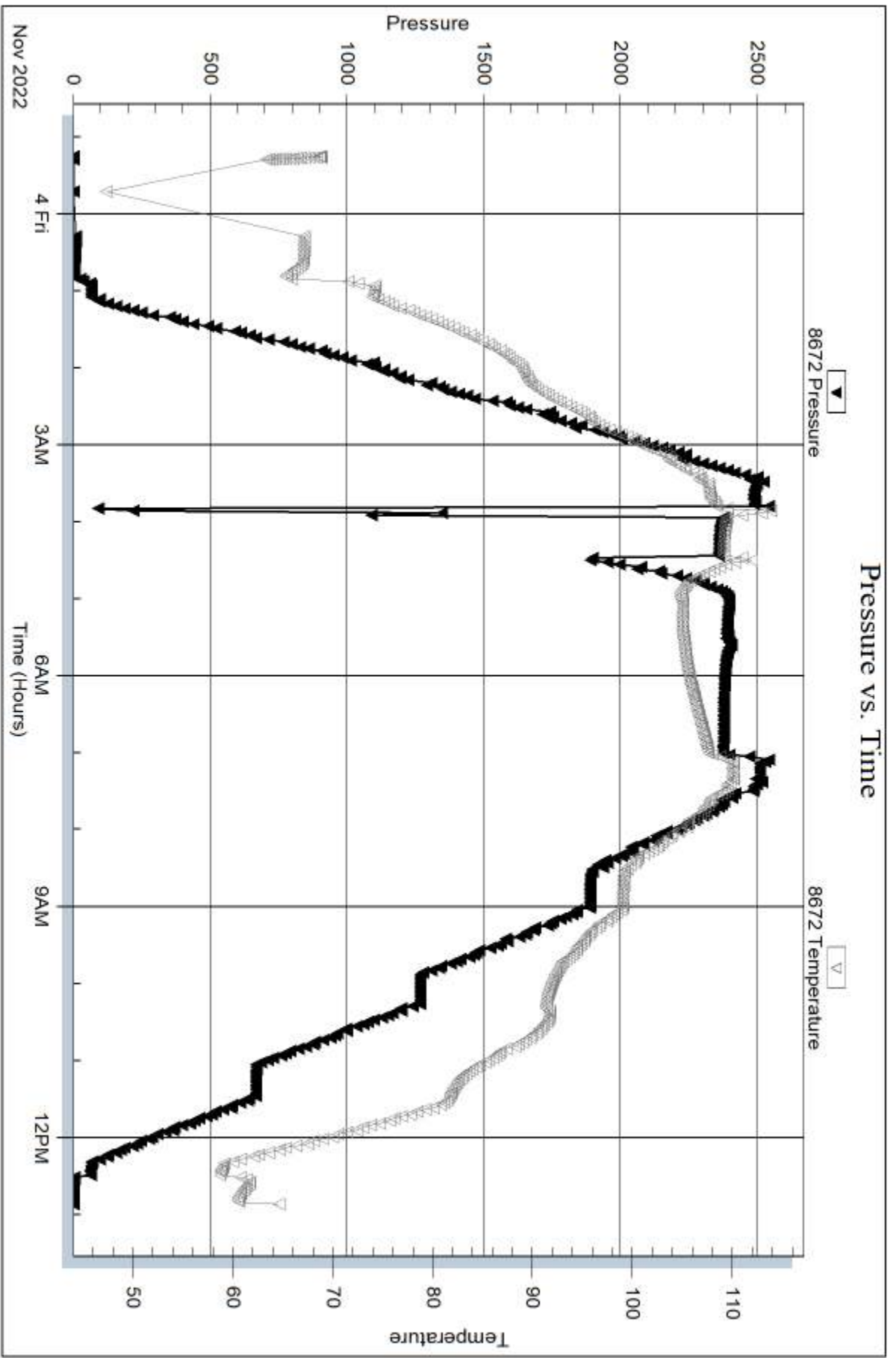
Serial #: 8672

Inside

Carmen Schnitt, Inc.

Blatner #1-28

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 69599

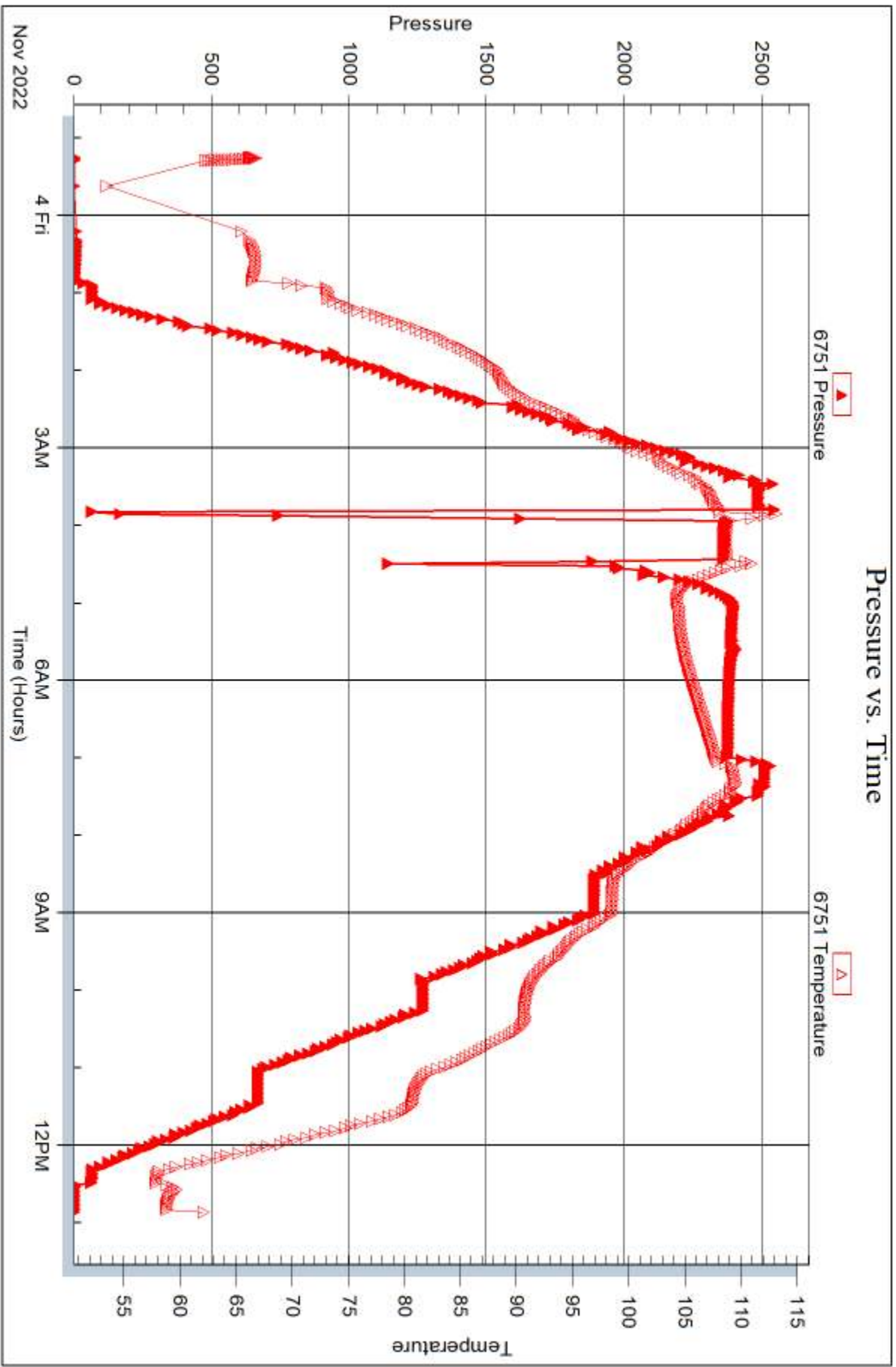
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Serial #: 6751

Outside Carmen Schnitt, Inc.

Blatner #1-28

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 69599

Printed: 2022.11.10 @ 08:43:30



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Blattner #1-28

28-28S-26W Ford,KS

Start Date: 2022.11.05 @ 12:43:00

End Date: 2022.11.06 @ 01:54:32

Job Ticket #: 69600 DST #: 6

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

Printed: 2022.11.10 @ 08:42:35



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
PO Box 47
Great Bend, KS 67530
ATTN: Brad Rine

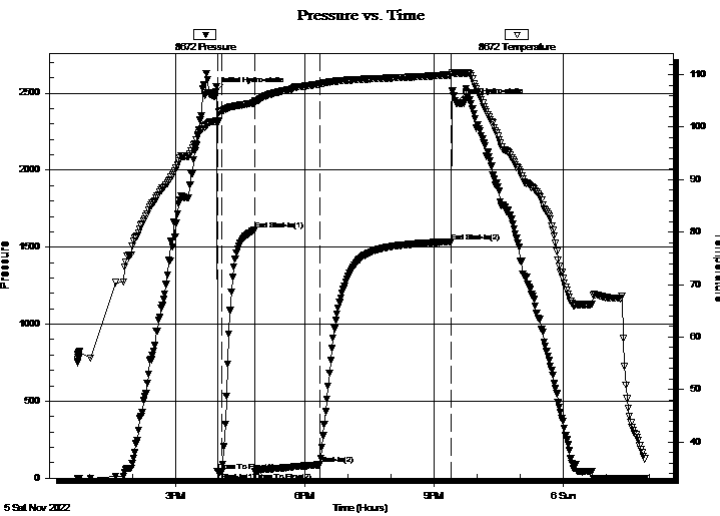
28-28S-26W Ford,KS
Blattner #1-28
Job Ticket: 69600 **DST#: 6**
Test Start: 2022.11.05 @ 12:43:00

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: 2648.00 ft (KB)
Time Tool Opened: 15:57:47
Time Test Ended: 01:54:32
Interval: **5180.00 ft (KB) To 5251.00 ft (KB) (TVD)**
Total Depth: 5251.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69
Reference Elevations: 2648.00 ft (KB)
2637.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8672 Inside
Press@RunDepth: 87.34 psig @ 5183.00 ft (KB) Capacity: psig
Start Date: 2022.11.05 End Date: 2022.11.06 Last Calib.: 1899.12.30
Start Time: 12:43:01 End Time: 01:54:32 Time On Btm: 2022.11.05 @ 15:55:32
Time Off Btm: 2022.11.05 @ 21:30:02

TEST COMMENT: IF: 5 min., BOB 2 min., strong building blow , 13 inches
IS: 45 min., no blow back
FF: 90 min., BOB 2 min., strong building blow , 192 inches
FS: 180 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2506.75	101.13	Initial Hydro-static
3	42.73	100.79	Open To Flow (1)
9	41.04	103.11	Shut-In(1)
54	1612.97	104.63	End Shut-In(1)
55	40.99	104.87	Open To Flow (2)
145	87.34	108.20	Shut-In(2)
328	1535.28	110.01	End Shut-In(2)
335	2439.21	110.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
170.00	gassy OCM 5%G,10%O,5%W,80%M	1.29

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69600

DST#: 6

ATTN: Brad Rine

Test Start: 2022.11.05 @ 12:43:00

Tool Information

Drill Pipe:	Length: 5061.00 ft	Diameter: 3.80 inches	Volume: 70.99 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 71.58 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	5180.00 ft			Final	75000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	71.00 ft				
Tool Length:	101.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5155.00	
Hydraulic tool	5.00			5160.00	
Isolator Sub	3.00			5163.00	
Jars	5.00			5168.00	
Safety Joint	3.00			5171.00	
Packer	5.00			5176.00	30.00 Bottom Of Top Packer
Packer	4.00			5180.00	
Stubb	1.00			5181.00	
Perforations	2.00			5183.00	
Recorder	0.00	8672	Inside	5183.00	
Recorder	0.00	6751	Outside	5183.00	
Pickup sub perf	5.00			5188.00	
Perforations	26.00			5214.00	
Change Over Sub	1.00			5215.00	
Drill Pipe	32.00			5247.00	
Change Over Sub	1.00			5248.00	
Bullnose	3.00			5251.00	71.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69600

DST#: 6

ATTN: Brad Rine

Test Start: 2022.11.05 @ 12:43:00

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: 7500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
170.00	gassy OCM 5%G,10%O,5%W,80%M	1.292

Total Length: 170.00 ft Total Volume: 1.292 bbl

Num Fluid Samples: 0

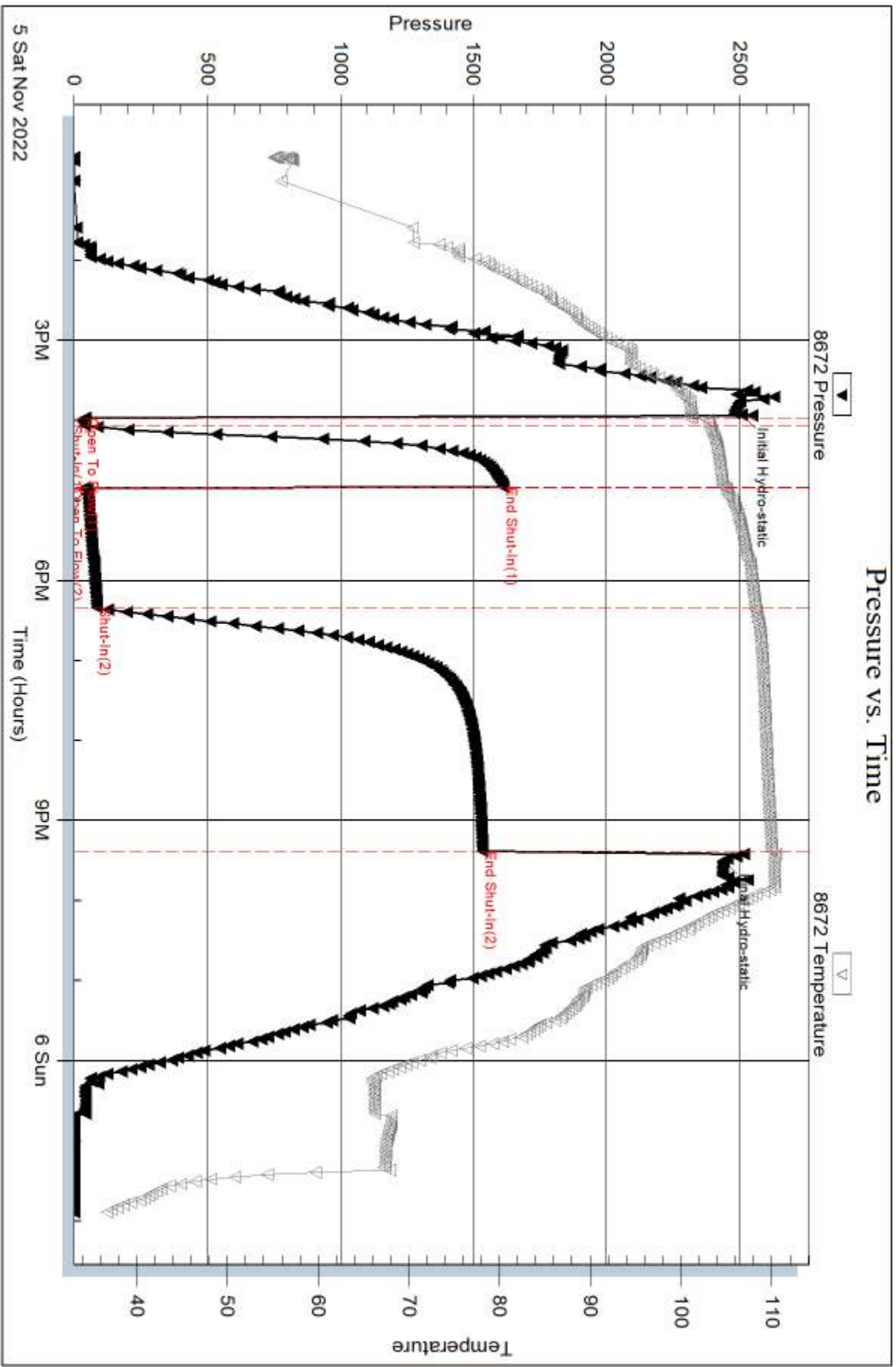
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2300' GIP

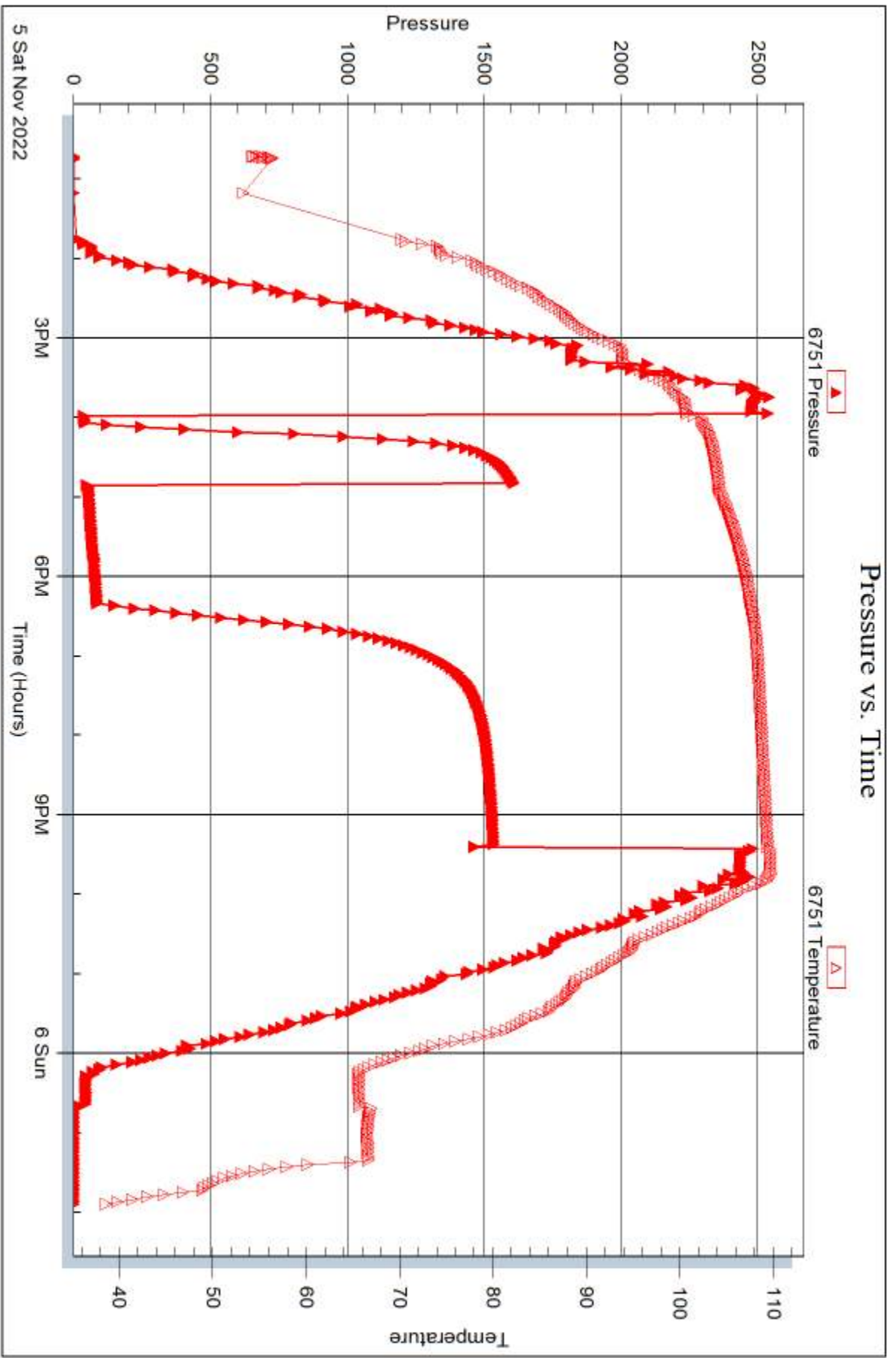


Serial #: 6751

Outside Carmen Schnitt, Inc.

Blatner #1-28

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 69600

Printed: 2022.11.10 @ 08:42:36



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Blattner #1-28

28-28S-26W Ford,KS

Start Date: 2022.11.07 @ 00:35:00

End Date: 2022.11.07 @ 10:30:47

Job Ticket #: 69251 DST #: 7

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

Printed: 2022.11.10 @ 08:35:38



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
PO Box 47
Great Bend, KS 67530
ATTN: Brad Rine

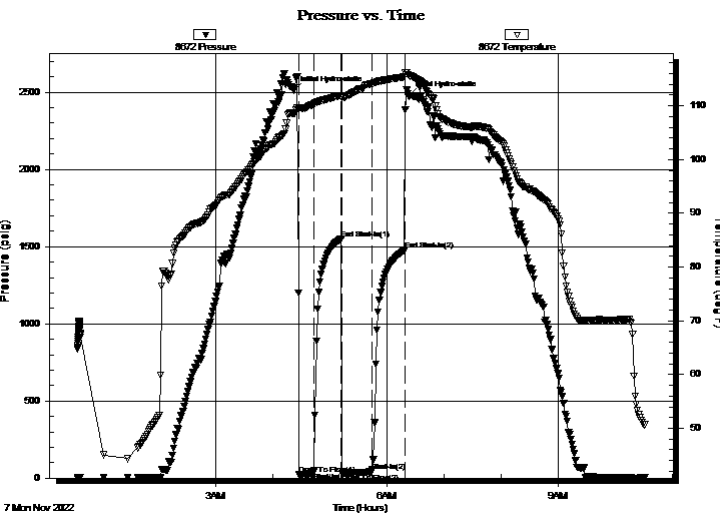
28-28S-26W Ford,KS
Blattner #1-28
Job Ticket: 69251 **DST#: 7**
Test Start: 2022.11.07 @ 00:35:00

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: 2648.00 ft (KB)
Time Tool Opened: 04:27:32
Time Test Ended: 10:30:47
Interval: **5335.00 ft (KB) To 5350.00 ft (KB) (TVD)**
Total Depth: 5350.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69
Reference Elevations: 2648.00 ft (KB)
2637.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8672 **Inside**
Press@RunDepth: 44.10 psig @ 5337.00 ft (KB) Capacity: psig
Start Date: 2022.11.07 End Date: 2022.11.07 Last Calib.: 1899.12.30
Start Time: 00:35:01 End Time: 10:30:47 Time On Btm: 2022.11.07 @ 04:22:32
Time Off Btm: 2022.11.07 @ 06:23:32

TEST COMMENT: IF: 15 min., weak surface blow, .75 inches
IS: 30 min., no blow back
FF: 30 min., weak surface blow, .5 inches
FS: 30 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2509.58	108.56	Initial Hydro-static
5	25.03	109.50	Open To Flow (1)
21	35.80	110.29	Shut-In(1)
50	1550.99	111.93	End Shut-In(1)
50	32.14	111.53	Open To Flow (2)
82	44.10	114.11	Shut-In(2)
116	1476.04	115.40	End Shut-In(2)
121	2474.99	115.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	w atery mud 40%W, 60%M	0.44

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt, Inc.
PO Box 47
Great Bend, KS 67530
ATTN: Brad Rine

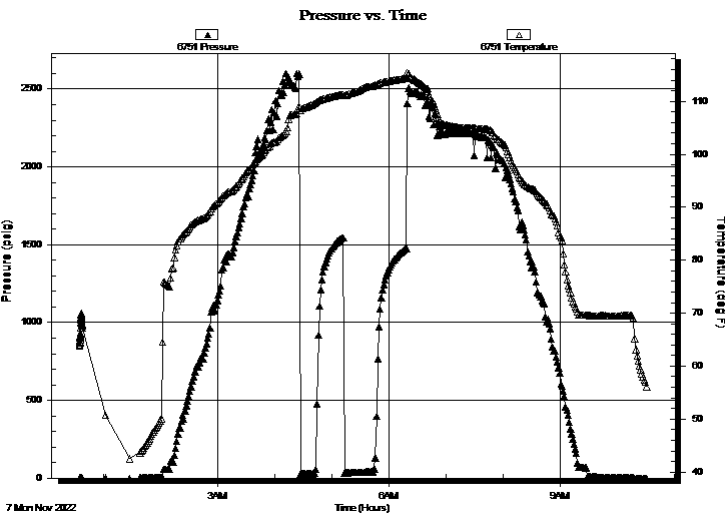
28-28S-26W Ford,KS
Blattner #1-28
Job Ticket: 69251 **DST#: 7**
Test Start: 2022.11.07 @ 00:35:00

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: 2648.00 ft (KB)
Time Tool Opened: 04:27:32
Time Test Ended: 10:30:47
Interval: **5335.00 ft (KB) To 5350.00 ft (KB) (TVD)**
Total Depth: 5350.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69
Reference Elevations: 2648.00 ft (KB)
2637.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6751 Outside
Press@RunDepth: psig @ 5337.00 ft (KB) Capacity: psig
Start Date: 2022.11.07 End Date: 2022.11.07 Last Calib.: 1899.12.30
Start Time: 00:35:01 End Time: 10:30:47 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 15 min., weak surface blow, .75 inches
IS: 30 min., no blow back
FF: 30 min., weak surface blow, .5 inches
FS: 30 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
90.00	watery mud 40%W, 60%M	0.44

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69251

DST#: 7

ATTN: Brad Rine

Test Start: 2022.11.07 @ 00:35:00

Tool Information

Drill Pipe:	Length: 5190.00 ft	Diameter: 3.80 inches	Volume: 72.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 73.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	5335.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			5310.00	
Hydraulic tool	5.00			5315.00	
Isolator Sub	3.00			5318.00	
Jars	5.00			5323.00	
Safety Joint	3.00			5326.00	
Packer	5.00			5331.00	30.00 Bottom Of Top Packer
Packer	4.00			5335.00	
Stubb	1.00			5336.00	
Perforations	1.00			5337.00	
Recorder	0.00	8672	Inside	5337.00	
Recorder	0.00	6751	Outside	5337.00	
Pickup sub perf	5.00			5342.00	
Perforations	5.00			5347.00	
Bullnose	3.00			5350.00	15.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc.

28-28S-26W Ford,KS

PO Box 47
Great Bend, KS 67530

Blattner #1-28

Job Ticket: 69251

DST#: 7

ATTN: Brad Rine

Test Start: 2022.11.07 @ 00:35:00

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:

14000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	watery mud 40%W, 60%M	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

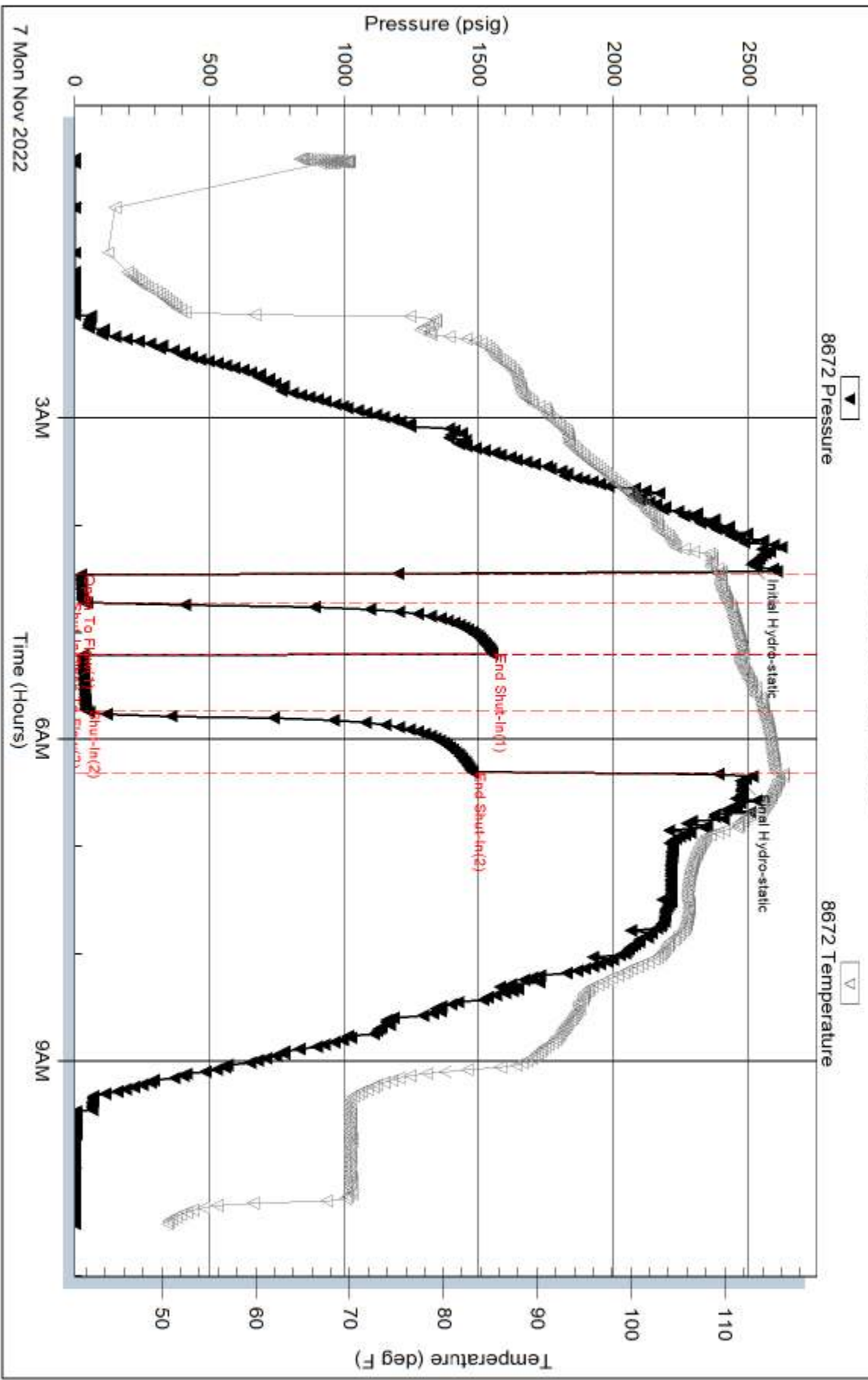
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.550@58F=14,000ppm

Pressure vs. Time

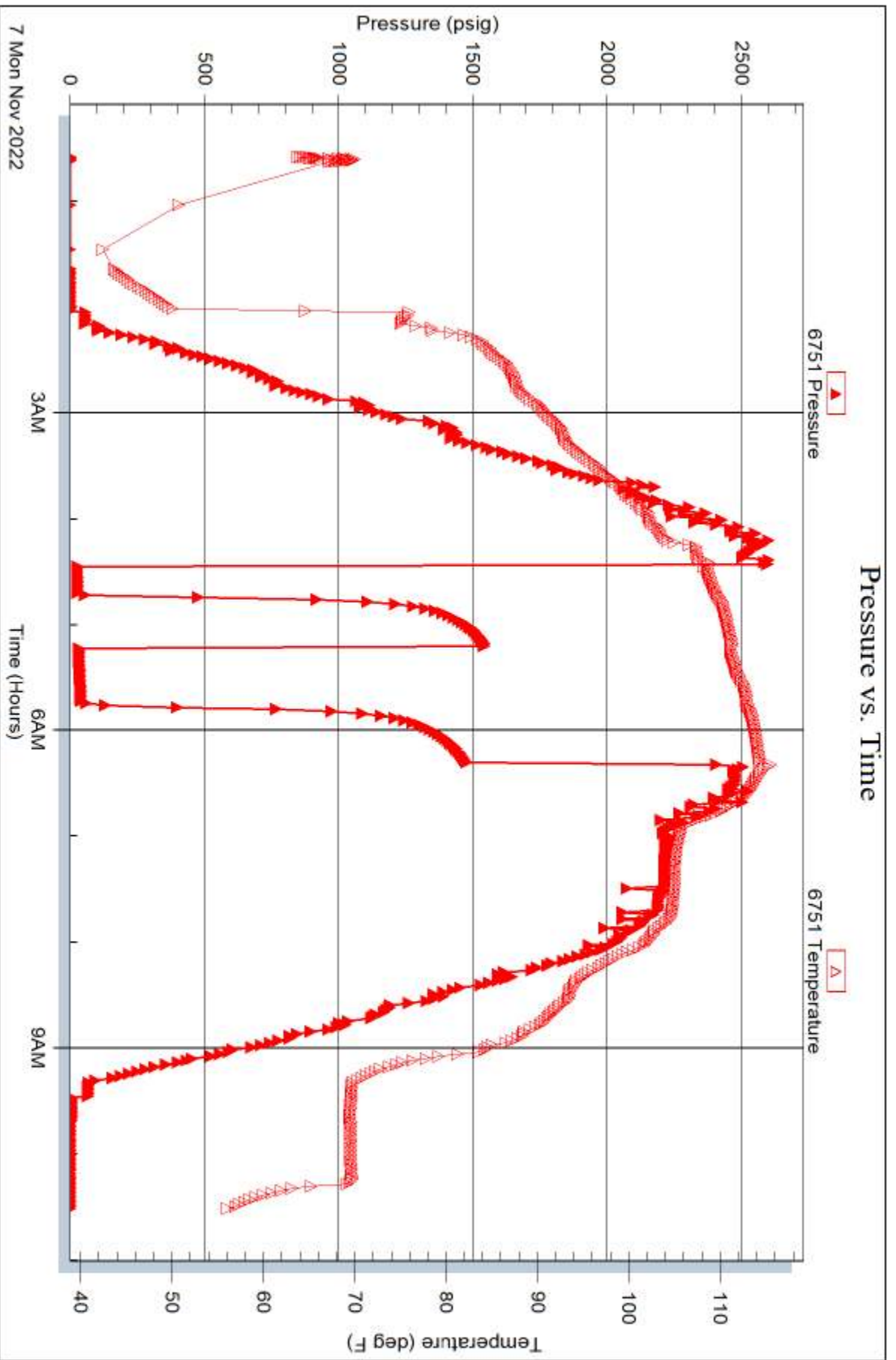


Serial #: 6751

Outside Carmen Schnitt, Inc.

Blatner #1-28

DST Test Number: 7





TRIBOTITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

TEST TICKET NO. 69595

Well Name & No. Blattner 1-28 Test No. 1 Date 10-27-22
 Company Carnes Schmitt, Inc. Elevation 2648 KB 2637 GL
 Address P.O. Box 47 Great Bend, KS 67530
 Co. Rep / Geo. Brad Rine Rig Murphy 114
 Location: Sec. 28 Twp 28S Rge. 26W Co. Ford State KS

Interval Tested 4946-4990 Zone Tested Pawnee
 Anchor Length 44 Drill Pipe Run 4506 Mud Wt. 9.05
 Top Packer Depth 4941 Drill Collars Run 120 Vis 54
 Bottom Packer Depth 4946 Wt. Pipe Run N.A. WL 8.0
 Total Depth 4990 Chlorides 6300 ppm System LCM 2[#]

Blow Description IF: 15 min., fair building blow, 2.8 inches
IS: 30 min., no blow back
FF: 45 min., fair building blow, 4.4 inches
FS: 60 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>Muddy water</u>			<u>60</u>	<u>40</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 120 BHT 114 Gravity API RW 1.338 @ 62° F Chlorides 20,000 ppm

(A) Initial Hydrostatic 2416 Test conv. ¹⁹⁵⁰
 (B) First Initial Flow 29 Jars 300
 (C) First Final Flow 53 Safety Joint _____
 (D) Initial Shut-In 1448 Circ Sub _____
 (E) Second Initial Flow 60 Hourly Standby _____
 (F) Second Final Flow 90 Mileage 1140 ²⁴⁵
 (G) Final Shut-In 1430 Sampler _____
 (H) Final Hydrostatic 2384 Straddle _____
 Shale Packer A.I.O ²⁵⁰
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 2745

T-On Location 0100
 T-Started 0830 WOR
 T-Open 1310
 T-Pulled 1540
 T-Out 1830
 Comments 0810
 EM Tool no good ⁻³⁵⁰
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total -350
 Total 2395
 MP/DST Disc't _____

Approved By _____ Our Representative Chris Heggen

Tribotite Testing Inc. shall not be liable for damaged or 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.



TRIBOLITE TESTING INC.
1515 Commerce Parkway - Hays, Kansas 67601

Test Ticket

NO. **69596**

Well Name & No. Blattner 1-28 Test No. 2 Date 10/31/32
 Company Carnes Schmitt, Inc Elevation 2645 KB 2637 GL
 Address Po Box 47 Great Bend, Ks. 67530
 Co. Rep / Geo. Brad Rine Rig MURFIN 114
 Location: Sec. 28 Twp 28S Rge. 26W Co. Ford State KS.

Interval Tested 5104'-5180 Zone Tested Morrow, Mississippian
 Anchor Length 76' Drill Pipe Run _____ Mud Wt. 9.25
 Top Packer Depth 5096 Drill Collars Run 120 Vls 48
 Bottom Packer Depth 5100 Wt. Pipe Run _____ WL 8.8
 Total Depth 5180 Chlorides 9300 ppm System LCM 2

Blow Description IF: Stacked out on casing shoe, coming out of hole with tool, 5 TPT bit
also found a piece of aluminum can with date printed on it in top of shot shut in tool.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>M</u>			<u>100</u>	
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 15 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic _____ Test 1700 T-On Location 0010
 (B) First Initial Flow _____ Jars 300 T-Started 0010
 (C) First Final Flow _____ Safety Joint _____ T-Open _____
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled 0900
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 1022
 (F) Second Final Flow _____ Mileage 140 245 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____ EM Tool -350
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open _____ Extra Packer _____ Sub Total -350
 Initial Shut-In _____ Extra Recorder _____ Total 2145
 Final Flow _____ Day Standby _____ MP/DST Disc't _____
 Final Shut-In _____ Accessibility _____
 Sub Total 2495

Approved By _____ Our Representative [Signature]

Tribolite 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. 69597

Well Name & No. Blower 1-28 Test No. 3 Date 4/1/22
 Company Carmen Schmitt, INC. Elevation 2645 KB 2637 GL
 Address Po Box 47 Great Bend, KS, 67530
 Co. Rep / Geo. Brod Rive Rig MURFIN 114
 Location: Sec. 28 Twp 28S Rge. 26W Co. Ford State KS

Interval Tested 5104-5180' Zone Tested Morton, Miss
 Anchor Length 76' Drill Pipe Run 4970' Mud Wt. 9.3
 Top Packer Depth 5096' Drill Collars Run 120 Vis 43
 Bottom Packer Depth 5100' Wt. Pipe Run 0 WL 12.8
 Total Depth 5180' Chlorides 12,200 ppm System LCM 2

Blow Description IF: Weak building blow built 1.00" in bucket. (15)
ISF: No blow back. (30)
FF: NO blow in bucket advanced & pull tool per bco. (10)
FST: pulled tool

Rec	Feet of	%gas	%oil	%water	%m
<u>5</u>	<u>M</u>			<u>100</u>	<u>%m</u>
Rec	Feet of	%gas	%oil	%water	%m
Rec	Feet of	%gas	%oil	%water	%m
Rec	Feet of	%gas	%oil	%water	%m
Rec	Feet of	%gas	%oil	%water	%m

Rec Total 5 BHT 110 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

- (A) Initial Hydrostatic 2648
- (B) First Initial Flow 27
- (C) First Final Flow 37
- (D) Initial Shut-In 360
- (E) Second Initial Flow 34
- (F) Second Final Flow 38
- (G) Final Shut-In 41
- (H) Final Hydrostatic 2506

- Test 2150
- Jars 300
- Safety Joint _____
- Circ Sub _____
- Hourly Standby _____
- Mileage 140 245
- Sampler _____
- Straddle _____
- Shale Packer 250
- Extra Packer _____
- Extra Recorder _____
- Day Standby _____
- Accessibility _____
- Sub Total 2945

T-On Location 0850
 T-Started 1000
 T-Open 1327
 T-Pulled 1429
 T-Out 1820

Comments _____
 EM Tool -350
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 2595
 MP/DST Disc't _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 10 Pulled tool
 Final Shut-In _____

Approved By _____ Our Representative [Signature]

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Well Name & No. Blattner 1-28 Test No. 4 Date 11-2-22
 Company Carron Schmidt, Inc. Elevation 2645 KB 2637 GL
 Address P.O. Box 47 Great Bend, KS 67530
 Co. Rep / Geo. Brad Rine Rig Murphy 114
 Location: Sec. 28 Twp 28S Rge. 26 W Co. Ford State KS

Interval Tested 5180-5220 Zone Tested MISS.
 Anchor Length 40' Drill Pipe Run 5062 Mud Wt. 9.3
 Top Packer Depth 5175 Drill Collars Run 120 Vls 44
 Bottom Packer Depth 5180 Wt. Pipe Run N.A. WL 12.0
 Total Depth 5220 Chlorides 10,500 ppm System LCM 2#

Blow Description IP: 5 min, BOB 2 min., strong building blow, 70 inches
IS: 30 min, no blow back
FP: 60 min, BOB ASAO, CTS 25 min., strong building blow
PS: 90 min, no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>125</u>	<u>oil cut gassy mud</u>	<u>8</u>	<u>2</u>		<u>90</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 125 BHT 113 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2516 Test com ²¹⁵⁰
 (B) First Initial Flow 41 Jars 300
 (C) First Final Flow 36 Safety Joint _____
 (D) Initial Shut-In 1553 Circ Sub _____
 (E) Second Initial Flow 47 Hourly Standby _____
 (F) Second Final Flow 53 Mileage K 180 ²⁴⁵
 (G) Final Shut-In 1537 Sampler _____
 (H) Final Hydrostatic 2512 Straddle _____
 Shale Packer 250
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 2945

T-On Location 1230
 T-Started 1600
 T-Open 1850
 T-Pulled 2155
 T-Out 0400
 Comments 1433
 EM Tool no good ⁻³⁵⁰
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total -350
 Total 2595
 MP/DST Disc't _____

Approved By _____ Our Representative Chris Heger
 Triton 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.
 785-656-3947



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69599

Well Name & No. Blattner 1-28 Test No. 5 Date 11-3-22
 Company Cannon Schmitt, Inc. Elevation 2645 KB 2637 GL
 Address P.O. Box 47 Great Bend, KS 67530
 Co. Rep / Geo. Brad Rine Rig Nurfin 114
 Location: Sec. 28 Twp 28S Rge. 28W Co. Ford State KS

Interval Tested 5220-5251 Zone Tested MISS.
 Anchor Length 31' Drill Pipe Run 5096 Mud Wt. 9.2
 Top Packer Depth 5215 Drill Collars Run 120 Vls 48
 Bottom Packer Depth 5220 Wt. Pipe Run N.A. WL 11.6
 Total Depth 5251 Chlorides 9,000 ppm System LCM 1#

Blow Description MISS run, Packer feature 30' 5 min, BOB 2 min, strong build
ISB: 30 min, no blow back 108 inches
FP: 60 min, BOB ASAO, strong building blow, 693 inches
FSB: 90 min, blow back 2 min, 1.26 inches

Rec	Feet of	%gas	%oil	%water	%mud
<u>4800</u>	<u>Mud</u>				<u>100%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 4800 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic _____ Test com. (Miss run) T-On Location 2100
 (B) First Initial Flow _____ Jars 300 1700 T-Started ~~2345~~ 2345
 (C) First Final Flow _____ Safety Joint _____ T-Open 0350
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled ~~0655~~ 0655
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 1300
 (F) Second Final Flow _____ Mileage x 180 245 Comments 2315
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____ EM Tool no good -350
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 5
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 90
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 2495 Sub Total 2145 MP/DST Disc't _____

Approved By _____ Our Representative Chris Hagans
 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.



Well Name & No. Blattner 1-28 Test No. 6 Date 11-5-22
 Company Comer Schnitt, Inc Elevation 2645 KB 2637 GL
 Address P.O. Box 47 ~~Comer Schnitt, Inc~~ Great Bend, KS 67530
 Co. Rep / Geo. Brad R. ne Rig Dwain NY
 Location: Sec. 28 Twp 28S Rge. 26W Co. Ford State KS

Interval Tested 5180-5251 Zone Tested M.S.S.
 Anchor Length 71' Drill Pipe Run 5061 Mud Wt. 9.1
 Top Packer Depth 5175 Drill Collars Run 120 Vis 48
 Bottom Packer Depth 5180 Wt. Pipe Run N.A. WL 8.8
 Total Depth 5251 Chlorides 7500 ppm System LCM 1.5#

Blow Description IF: 5 min, BOB 4.5 min, strong building blow, 13 inches
IF: 4.5 min, no blow back
FP: 90 min, BOB 15 sec, strong building blow, 192 inches
FP: 180 min, no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>170</u>	<u>Feet of gassy oil cut waxy mud</u>	<u>5%</u>	<u>10%</u>	<u>5%</u>	<u>80%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>2300' GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 170 BHT 110 Gravity API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 2507 Test cow 2150 T-On Location 1200
 (B) First Initial Flow 43 Jars 300 T-Started 1300
 (C) First Final Flow 41 Safety Joint T-Open 1600
 (D) Initial Shut-In 1613 Circ Sub T-Pulled 2120
 (E) Second Initial Flow 41 Hourly Standby T-Out 0145
 (F) Second Final Flow 87 Mileage X40 70 Comments 1243
 (G) Final Shut-In 1535 Sampler
 (H) Final Hydrostatic 2439 Straddle EM Tool no good -350
 Ruined Shale Packer
 Ruined Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Initial Open 5
 Initial Shut-In 45
 Final Flow 90
 Final Shut-In 180
 Sub Total 2770
 Sub Total 2420
 MP/DST Disc't

Approved By _____ Our Representative Chris Hagman
 Triobite 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. 69251

Well Name & No. Blathner 1-28 Test No. 7 Date 11-6-22
 Company Carmen Schmitt, Inc. Elevation 2645 KB 2637 GL
 Address P.O. Box 47 Great Bend, KS 67530
 Co. Rep / Geo. Broad River Rig Murfin 114
 Location: Sec. 28 Twp 28S Rge. 26W Co. Ford State KS

Interval Tested 5335-5350 Zone Tested M.S.S.
 Anchor Length 15' Drill Pipe Run 5190 Mud Wt. 9.0
 Top Packer Depth 5330 Drill Collars Run 120 Vis 47
 Bottom Packer Depth 5335 Wt. Pipe Run N.A. WL 9.0
 Total Depth 5350 Chlorides 7000 ppm System LCM 1#

Blow Description IF: 15 min., weak surface blow, .75 inches
ISB: 30 min., no blow back
FP: 30 min., weak surface blow, .5 inches
FSB: 30 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>watery mud</u>			<u>40%</u>	<u>60%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 90 BHT 115 Gravity _____ API RW .550 @ 38 °F Chlorides 14000 ppm
 (A) Initial Hydrostatic 2510 Test conv. ²¹⁵⁰
 (B) First Initial Flow 25 Jars 300
 (C) First Final Flow 36 Safety Joint _____
 (D) Initial Shut-In 1551 Circ Sub _____
 (E) Second Initial Flow 32 Hourly Standby _____
 (F) Second Final Flow 44 Mileage K180 ²⁴⁵
 (G) Final Shut-In 1476 Sampler _____
 (H) Final Hydrostatic 2475 Straddle _____
 Shale Packer A1.0 ²⁵⁰
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 2945

T-On Location 2200
 T-Started 0045
 T-Open 0330
 T-Pulled 0515
 T-Out 1030
 Comments 0038
 EM Tool no good ⁻³⁵⁰
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total -350
 Total 2595
 MP/DST Disc't _____

Approved By _____ Our Representative Chris Hegner

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416 Main Street
 P.O. Box 225
 Victoria, KS 67671
 Office (785) 639-3949
 24 Hour Service Line (785) 639-7269

Invoice

Date	Invoice #
11/8/2022	0779

Please Pay from this Invoice.
 Remit Payment to:
 416 Main Street PO BOX 225
 Victoria, KS 67671
 Billing Questions-Call Tianna at
 (785) 639-3949
 Email: franksoilfield@yahoo.com

KCC License Number
 35469

Bill To
Carmen Schmitt, Inc PO Box 47 Great Bend, KS 67530

County/State	Lease/Well#	Terms	Job Type
Ford County, KS	Blattner 1-28	Net 30	PTA

Description	Quantity	Rate	Amount
Pump Charge	1	1,500.00	1,500.00
Mileage	144	6.50	936.00
9.79 tons at 144 miles	1,409.76	1.50	2,114.64
60/40 4% gel 1/4# floseal	220	16.75	3,685.00T
Standby time - per employee after 4 hours	16.5	100.00	1,650.00T
Discount		-494.28	-494.28

Thank-You!

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.

Subtotal \$9,391.36

We appreciate your business and look forward to serving you again!

Sales Tax (7.65%) \$387.72

Balance Due \$9,779.08

FRANKS Oilfield Service

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

TICKET NUMBER 0779
 LOCATION HASSLE
 FOREMAN TOM WILLIAMS

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-8-22	6569	Blattner 1-28	28	28	260	Ford
CUSTOMER <i>Corbin Schmidt Inc</i>			TRUCK #		DRIVER	
MAILING ADDRESS <i>PO Box 47</i>			TRUCK #		DRIVER	
CITY <i>Geatz Bond</i>			TRUCK #		DRIVER	
STATE <i>KS</i>			TRUCK #		DRIVER	
ZIP CODE <i>67530</i>			TRUCK #		DRIVER	
JOB TYPE <i>PTA</i>			HOLE SIZE		HOLE DEPTH	
CASING DEPTH			DRILL PIPE		TUBING	
SLURRY WEIGHT			SLURRY VOL		WATER gal/sk	
DISPLACEMENT			DISPLACEMENT PSI		MIX PSI	
REMARKS: <i>Safety meeting set up on Martin 114. Plug as ordered</i>			CASING SIZE & WEIGHT		CEMENT LEFT in CASING	
<i>1) 1710' - 50 SF</i> <i>2) 1290' - 30 SF</i> <i>3) 960' - 50 SF</i> <i>Center - 20 SF</i> <i>RH - 30 SF</i> <i>MH - 20 SF</i>			<i>(ON location 3am - start plugging 12pm)</i> <i>left location 3:49pm</i> <i>Charge to Hassle Martin</i>			

Thanks Tom & Chase

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<i>PL005</i>	<i>1</i>	<i>PUMP CHARGE PTA</i>	<i>\$1500.00</i>	<i>\$1500.00</i>
<i>M001</i>	<i>144</i>	<i>MILEAGE</i>	<i>\$6.50</i>	<i>\$936.00</i>
<i>M002</i>	<i>9.29 tons</i>	<i>Ton Mileage Delivery</i>	<i>\$2,114.64</i>	<i>\$2,114.64</i>
<i>C0010</i>	<i>220 SF</i>	<i>60/40 42 bag 1/4" Floagel</i>	<i>\$16.75</i>	<i>\$3,685.00</i>
<i>S0001</i>	<i>16 1/2 hrs</i>	<i>hour AFB 4 hrs 2 per person</i>	<i>\$100.00</i>	<i>\$1,650.00</i>
			<i>sub total</i>	<i>\$9,885.64</i>
			<i>less 5% disc.</i>	<i>\$494.28</i>
			<i>sub total</i>	<i>\$9,391.36</i>
			<i>SALES TAX</i>	<i>387.72</i>
			ESTIMATED TOTAL	9779.08

AUTHORIZATION _____ TITLE _____ DATE _____

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