

Confidentiality Requested:

Yes No

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

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

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

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Carmen Schmitt, Inc.
Well Name	MOLLY 1-22
Doc ID	1664978

Tops

Name	Top	Datum
Stone Corral	1704	985
Heebner Sh.	4368	-1679
Tornto Ls.	4387	-1698
Lansing	4490	-1801
Stark Sh	4789	-2100
B/KC	4931	-2242
Marmaton	4948	-2259
Altamont	4958	-2269
Pawnee	5027	-2338
Fort Scott	5080	-2391
Cherokee Sh.	5110	-2421
Morrow Sh.	5204	-2515
Mississippi	5220	-2531

COPELAND

Acid & Cement

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

Page: 1

BURRTON, KS ♦ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620) 793-3536

INVOICE NUMBER:
C60687-IN

BILL TO:
CARMEN SCHMITT, INC.
PO BOX 47
GREAT BEND, KS 67530

LEASE: MOLLY 1-22

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
09/30/2022	60687		09/29/2022	MOLLY 1-22	NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
		NEW WELL				
120.00	MI	MILEAGE CEMENT PUMP TRUCK		0.00	6.00	720.00
1.00	EA	PUMP CHARGE SURFACE		0.00	1,150.00	1,150.00
200.00	SK	COMMON CEMENT		0.00	16.75	3,350.00
300.00	SK	60/40 POZ MIX 2% GEL		0.00	13.25	3,975.00
28.00	SK	CALCIUM CHLORIDE		0.00	42.00	1,176.00
1.00	EA	8 5/8" BAFFLE		0.00	105.00	105.00
1.00	EA	8 5/8 WOOD PLUG		0.00	65.00	65.00
528.00	EA	BULK CHARGE		0.00	1.25	660.00
1,393.92	MI	BULK TRUCK - TON MILES		0.00	1.10	1,533.31
		<i>7/10/43</i> <i>20/30.0122</i> <i>Well Site</i> <i>Surface Cement</i> <i>BCP</i>				
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP		Net Invoice:		12,734.31
RECEIVED BY _____		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		FORCO Sales Tax:		650.33
		NET 30 DAYS		Invoice Total:		13,384.64

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service

Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code.



NEW WELL

FIELD ORDER

N° C

60687

BOX 438 - HAYSVILLE, KANSAS 67060
316-524-1225

DATE 29-Sep 20 22

IS AUTHORIZED BY: CARMEN SCHMITT (NAME OF CUSTOMER)

Address City State KS

TO TREAT WELL

AS FOLLOWS Lease MOLLY Well No. 1-22 Customer Order No.

Sec. Twp.

Range 22-28-26W County FORD State KS

CONDITIONS As a part of the consideration hereof it is agreed that Copeland Acid is to service or treat at owners risk, the heretofore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

Well Owner or Operator By Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
20.0002	120	Mileage P.T.	\$6.00	\$720.00
20.0005	1	Pump Charge Surface	\$1,150.00	\$1,150.00
20.1001	200	Common Cement Sack	\$16.75	\$3,350.00
20.1002	300	60/40 Poz 2% Gel	\$13.25	\$3,975.00
20.1012	28	Calcium Chloride per 50 lb.	\$42.00	\$1,176.00
20.2018	1	8 5/8" Baffle	\$105.00	\$105.00
20.202	1	8 5/8" Wood Plug	\$65.00	\$65.00
20.0011	528	Bulk Charge	\$1.25	\$660.00
20.0012	1393.92	Bulk Truck Miles	\$1.10	\$1,533.31
		Process License Fee on Gallons		
		TOTAL BILLING		\$12,734.31

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative GREG C.

Station GB NATHEN

Well Owner, Operator or Agent

Remarks

NET 30 DAYS



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



Invoice

DATE	INVOICE #
10/10/2022	34738

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	#1-22	Molly	Ford	Murfin	Oil	Development	5 1/2 Longstring	Preston

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	70	Miles	7.00	490.00
578D-L	Pump Charge - Long String	1	Job	1,600.00	1,600.00
403-5	5 1/2" Cement Basket	1	Each	300.00	300.00T
406-5	5 1/2" Latch Down Plug & Baffle	1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill	1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer	9	Each	100.00	900.00T
325	Standard Cement	200	Sacks	15.00	3,000.00T
283	Salt	1,100	Lb(s)	0.25	275.00T
279	Bentonite Gel	4	Sack(s)	40.00	160.00T
287	Gas Stop (2 LBS/SK)	400	Lb(s)	7.00	2,800.00T
292	Halad 322	100	Lb(s)	9.00	900.00T
276	Flocele	50	Lb(s)	3.00	150.00T
290	D-Air	4	Gallon(s)	42.00	168.00T
281	Mud Flush	500	Gallon(s)	2.00	1,000.00T
221	Liquid KCL (Clayfix)	4	Gallon(s)	25.00	100.00T
581D	Service Charge Cement	200	Sacks	2.00	400.00
583D	Drayage	730	Ton Miles	1.00	730.00
	Subtotal				13,573.00
	Sales Tax Ford County			7.50%	776.48

*7/10/43
20130.0122
Well Rte
Cement Lay String*

We Appreciate Your Business!	Total	\$14,349.48
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CHARGE TO: *Carmen Schmitt*
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 34738

PAGE 1 OF 2

SERVICE LOCATIONS
 1. *Ness City*
 2.
 3.
 4.

WELL/PROJECT NO. *1-22*
 LEASE *Molly*
 COUNTY/PARISH *Ford*
 STATE *KS*
 CITY

TICKET TYPE
 SERVICE
 SALES
 CONTRACTOR *MacFlin*
 RIG NAME/NO.
 SHIPPED VIA *CF*
 DELIVERED TO *Location*

WELL TYPE *01*
 WELL CATEGORY *Development*
 JOB PURPOSE *long string 5 1/2"*
 WELL PERMIT NO.

INVOICE INSTRUCTIONS
 DATE *10-10-22*
 ORDER NO.
 WELL LOCATION *Dodge 04 5-5 6-14 4-5, 2-14, 15-14*
E-1070

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY		UNIT		AMOUNT	
				UM	UM	UM	UM		
<i>575</i>			<i>MILEAGE Truck 114</i>	<i>70</i>	<i>mi</i>			<i>7.00</i>	<i>490.00</i>
<i>578</i>			<i>Pump Charge</i>	<i>1</i>	<i>Job</i>			<i>16.00</i>	<i>16.00</i>
<i>403</i>			<i>CMT Basket</i>	<i>100</i>	<i>5-1/2"</i>			<i>3.00</i>	<i>300.00</i>
<i>406</i>			<i>latch down plug & handle</i>	<i>1 ea</i>	<i>5-1/2"</i>			<i>2.50</i>	<i>250.00</i>
<i>407</i>			<i>Impact Flat shoe w/Arts P11</i>	<i>1 ea</i>	<i>5-1/2"</i>			<i>350.00</i>	<i>350.00</i>
<i>409</i>			<i>Turbo 1120s</i>	<i>9</i>	<i>5-1/2"</i>			<i>100.00</i>	<i>900.00</i>

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

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

DATE SIGNED *10-11-22* TIME SIGNED *2:00* A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UNDECIDED	DISAGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? YES NO
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL *48*
 TOTAL *14349.48*

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

SWIFT OPERATOR *Robert Lowe* APPROVAL *Nathan Philborn*

Thank You!



PO BOX 466
 Ness City, KS 67560
 Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 34738

CUSTOMER
 Carno Schultz

WELL
 Molly 1-22

DATE
 10-10-22

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
		LOC	ACCT	CF			QTY	UM	QTY	UM		
325						STD Cement	300	SK			15.00	3000.00
283						Salt	1800	lbs			.25	2751.00
279						Antibiotic Gel	4	SK			42.00	168.00
287						Gas Stop	900	lbs			2.00	2800.00
292						Holad 322	100	lbs			9.00	900.00
276						Flecks	50	lbs			3.00	150.00
297						D-45	40	gal			42.00	168.00
281						Mud Flush	500	gal			2.00	1000.00
221						Liquid KCL	4	gal			25.00	100.00
581						EMI Service Charge	200	hrs			2.00	400.00
583						Drayage	20850	lbs	730	YM	1.60	732.00
SERVICE CHARGE												
MILEAGE CHARGE												
TOTAL WEIGHT												
LOADED MILES												
CUBIC FEET												
TON MILES												
CONTINUATION TOTAL												9683.00

JOB LOG

SWIFT Services, Inc.

DATE 10-10-22 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Carmen Schmitt		1-22		Molly		long string 5 1/2"		34738	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
10-10	17:00								ON location
	20:15								5 1/2" 15.5#
									54 51,74' 9.83' shoe
									Baskets pin #2
									Turbolizers 2, 4, 6, 8, 10, 12, 14, 16, 18
	20:15								start pipe (csg)
	23:00								drop ball & circulate
10-11	00:20	3.5	12						pump mud flush
			20						KCL spacer
	00:30		15						plug RH-30SK, MH 20SK
	00:40		45						mix 150SK @ 14ppg
	1:05								w/o pump lines & drop plug
	1:10	6	0				200		start dis placement
			95				300		lift psi
			128				800		max lift psi
	1:30		129 1/2				1800		land plug Hold *
	1:35								wash pump truck
	2:00								Job Complete
									Thanks!
									Preston Kirby, John
									200SKs used std, 2% gel, 10% salt
									1/2% Haled 322, 1/4" floccle
									2% gel stop
									30SK RH
									20SK MH
									150SK Down hole



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

Well Name: Molly #1-22 - Carmen Schmitt, Inc.
API: 15-057-21076-00-00
Location: NE-SW-NW-SW, Section 22-28S-26W
License Number: KCC # 6569
Spud Date: September 28, 2022
Surface Coordinates: 1750' FSL & 450' FWL,
Of Section
Bottom Hole Vertical Wellbore
Coordinates:
Ground Elevation (ft): 2681 Ft. K.B. Elevation (ft): 2689 Ft.
Logged Interval (ft): 4100 Ft. To: 5450 Ft. Total Depth (ft): RTD 5450 Ft. LTD 5455 Ft.
Formation: Mississippian at Total Depth
Type of Drilling Fluid: Chemical

Region: Ford Co., Kansas
Drilling Completed: October 10, 2022
Results: Production Casing Set
Field: NA

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 set production casing on the "Molly #1-22" for further testing, on October 10, 2022.

Respectfully,
M. Bradford Rine

Drilling Information

Rig: Murfin Drilling Rig #114
Pump: EWCO 15W600 6x15
Drawworks: DWM 650
Collars: 520' 2-1/4" x 6-1/4"
Drillpipe: 4-1/2" 16.6# XH
Toolpusher: Lonnie Mustard

Mud: Mudco (Brad Bortz, Justin Whiting)
Gas Detector: None
Drill Stem Tests: Trilobite (Matt Smith)
Logs: Midwest (Dan Schmidt)
Water: Don Woydziak Farm (Wolf Pack Services)
Company Representatives:
Office: Carmen Schmitt
Field: NA

Daily Drilling Status

Date:	Operations/Depth/Comments
09-01-22	MIRT, RU, will spud at later date @ 0'
.....	Idle, Waiting for Crew @ 0'
09-28-22	Prepare to Spud @ 0' (Spud at 3:15 PM)
09-29-22	Drilling @ 1075'
09-30-22	Working on Rig @ 1260'
10-01-22	Drilling @ 2840'
10-02-22	Drilling @ 3950'
10-03-22	Drilling @ 4424'
10-04-22	Drilling @ 4800'
10-05-22	Trip Out of Hole for DST #1 @ 5050'
10-06-22	Drilling @ 5120'
10-07-22	Tripping in Hole with DST #2 @ 5242'
10-08-22	On Bottom with DST #3 @ 5280'
10-09-22	Trip Out of Hole with DST #4 @ 5300'
10-10-22	Logging @ 5450' RTD
10-11-22	Ran Casing, job complete @ 5:30 AM

	Results: Oil			(Well A) Oil		(Well B) Oil			
	Carmen Schmitt, Inc.			Carmen Schmitt, Inc.		Carmen Schmitt, Inc.			
	Molly #1-22			Heyen Trust #1-27		David #1			
	1750'FSL & 450'FWL			1750'FNL & 1800'FEL		610'FNL & 610'FWL			
	Sec. 22-28S-26W			Sec. 27-28S-26W		Sec. 26-28S-26W			
	KB 2689			KB 2674		KB 2690		Well A	Well B
Formations	Sample	E-Log	Datum	E-Log	Datum	E-Log	Datum	Comparison(s)	
Anhydrite	NC	1704	985	1679	995	1686	1004	-10	-19
B/Anhydrite	NC	1758	931	1734	940	1740	950	-9	-19
Stotler	NC	3693	-1004	3670	-996	3687	-997	-8	-7
Heebner Sh	4363	4368	-1679	4336	-1662	4361	-1671	-17	-8
Toronto	4383	4387	-1698	4358	-1684	4380	-1690	-14	-8
Douglas Ls	4442	4446	-1757	4410	-1736	4434	-1744	-21	-13
Brown Lime	4470	4477	-1788	4445	-1771	4469	-1779	-17	-9
Lansing	4484	4490	-1801	4456	-1782	4480	-1790	-19	-11
Muncie Creek Sh	4680	4688	-1999	4649	-1975	4675	-1985	-24	-14
Stark Sh.	4789	4789	-2100	4770	-2096	4789	-2099	-4	-1
Hushpuckney Sh	4833	4835	-2146	4814	-2140	4830	-2140	-6	-6
B/Kansas City	4930	4931	-2242	4908	-2234	4930	-2240	-8	-2
Marmaton	4940	4948	-2259	4928	-2254	4956	-2266	-5	7
Altamont	4956	4958	-2269	4936	-2262	4964	-2274	-7	5
Pawnee	5022	5027	-2338	5008	-2334	5033	-2343	-4	5
Ft. Scott	5078	5080	-2391	5060	-2386	5086	-2396	-5	5
Cherokee Sh	5106	5110	-2421	5090	-2416	5116	-2426	-5	5
Atoka	5189	5192	-2503	5172	-2498	5196	-2506	-5	3
Morrow	5200	5204	-2515	5183	-2509	5205	-2515	-6	0
Mississippian	5219	5220	-2531	5190	-2516	5238	-2548	-15	17
Total Depth	5450	5455	-2766	5402	-2728	5378	-2688	-38	-78

Casing Record, Bit Record, Deviation Surveys

CASING:

Conductor: None

Surface: Ran 29 jts 8-7/8" 23# Casing, set @ 1254'. (Copeland) Cement with 300sx 60/40 POZ, 2% gel, 3% CC, and 200sx Common, 3% CC. Plug down at 10:00 PM, on September 29, 2022. Cement did circulate.

Production: Ran 130 jts, new 5-1/2", 15.5# Casing. Set @ 5451 ft. (Swift) Cement with 150sx. 30sx in RH, 20sx in MH. Plug held. Job completed and rig released at 5:30 AM, October 11, 2022.

BITS:

No.	Size	Make	Model	Depth In	Depth Out	Hours
1	12-1/4	Smith	tooth	0	1260	21.75
2	7-7/8	Smith	MI616	1260	4107	44.50
3	7-7/8	Smith	F27	4107	5450	79.25

DEVIATION SURVEYS:

Deviation:	Depth:	Deviation:	Depth:
0.50*	718'	0.25*	5050'
0.75*	1260'	0.25*	5242'
0.25*	4107'	0.25*	5450'

PIPE STRAPS:

Difference:	Depth:
2.6 ft Long	4107'

MUD UP:

Displace and Mud Up @ 3560'



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 P.O. Box 47
 Great Bend, Ks. 67530
 ATTN: Brad Rine

22-28s-26w Ford, Ks
Molly 1-22
 Job Ticket: 68683 **DST#: 1**
 Test Start: 2022.10.05 @ 07:27:37

GENERAL INFORMATION:

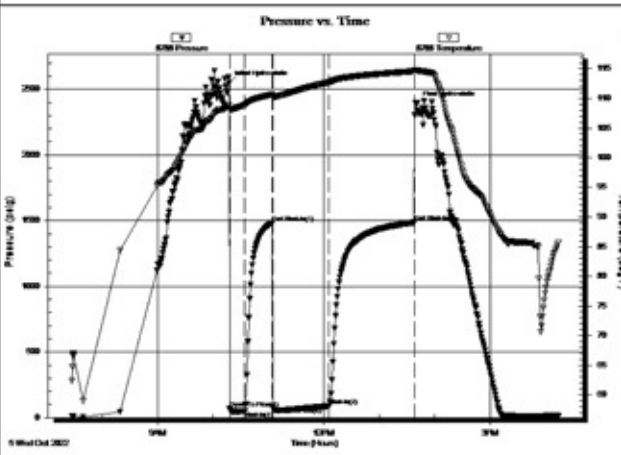
Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 10:18:07 Tester: Matt Smith
 Time Test Ended: 16:14:22 Unit No: 68
 Interval: **5004.00 ft (KB) To 5050.00 ft (KB) (TVD)** Reference Elevations: 2689.00 ft (KB)
 Total Depth: 5050.00 ft (KB) (TVD) 2681.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8788

Inside

Press@RunDepth: 91.09 psig @ 5005.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.05 End Date: 2022.10.05 Last Calib.: 2022.10.05
 Start Time: 07:27:42 End Time: 16:14:22 Time On Btm: 2022.10.05 @ 10:17:37
 Time Off Btm: 2022.10.05 @ 13:40:37

TEST COMMENT: IF: Weak Blow . Built to 1 1/4", in the Bucket. (15)
 IST: No Blow . In the Bucket. (30)
 FF: Weak Blow . Built to 2 3/4", in the Bucket. (60)
 FSt: No Blow . In the Bucket. (90)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2545.59	108.83	Initial Hydro-static
1	69.15	108.12	Open To Flow (1)
17	52.13	108.92	Shut-in(1)
47	1480.08	110.67	End Shut-In(1)
47	82.40	110.27	Open To Flow (2)
108	91.09	112.71	Shut-in(2)
201	1486.32	114.60	End Shut-In(2)
203	2389.82	114.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GVSOWCM 5%g 1%o 39%w 55%m	0.46
60.00	GVSOWCM 5%g 5%o 5%w 85%m	0.46
10.00	GVSOCM 2%g 3%o 95%m	0.08
0.00	242' GIP 100%g	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 P.O. Box 47
 Great Bend, Ks. 67530
 ATTN: Brad Rine

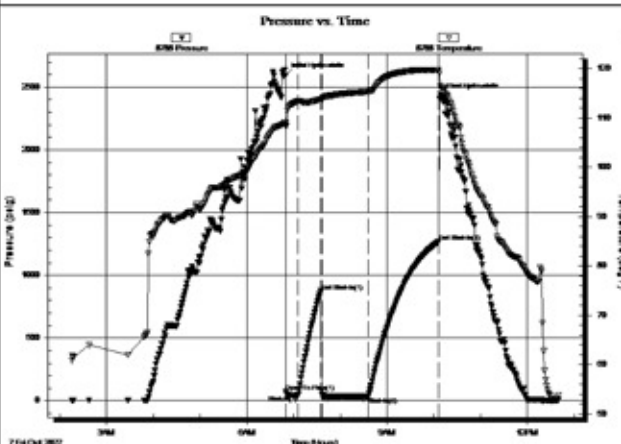
22-28s-26w Ford, Ks
Molly 1-22
 Job Ticket: 68684 **DST#: 2**
 Test Start: 2022.10.07 @ 02:15:34

GENERAL INFORMATION:

Formation: **Cherokee, Morrow, Mi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:50:04
 Time Test Ended: 12:40:34
 Interval: **5163.00 ft (KB) To 5242.00 ft (KB) (TVD)**
 Total Depth: 5242.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 68
 Reference Elevations: 2689.00 ft (KB)
 2681.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8788 Inside
 Press@RunDepth: 32.68 psig @ 5164.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.07 End Date: 2022.10.07 Last Calib.: 2022.10.07
 Start Time: 02:15:39 End Time: 12:40:34 Time On Btm: 2022.10.07 @ 06:49:34
 Time Off Btm: 2022.10.07 @ 10:09:34

TEST COMMENT: IF: Strong Blow . B.O.B. in 4 mins. Built to 50.72". (15)
 IST: No Blow . (30)
 FF: Strong Blow . B.O.B. in 20 sec. Built to 224.32". (60)
 FSt: No Blow . (90)



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2594.68	109.00	Initial Hydro-static
1	67.59	108.33	Open To Flow (1)
16	41.82	113.35	Shut-in(1)
45	874.09	113.75	End Shut-In(1)
47	48.06	113.80	Open To Flow (2)
106	32.68	115.32	Shut-in(2)
197	1266.18	119.65	End Shut-In(2)
200	2427.88	116.18	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
20.00	GDM 2%g 98%m	0.15
0.00	1420' GIP 100%g	0.00

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 P.O. Box 47
 Great Bend, Ks. 67530
 ATTN: Brad Rine

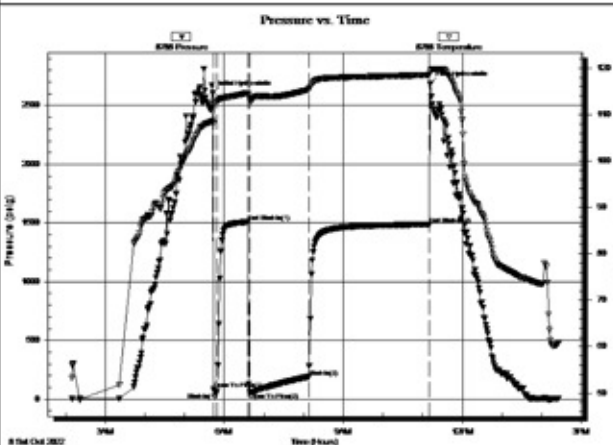
22-28s-26w Ford, Ks
Molly 1-22
 Job Ticket: 68685 **DST#: 3**
 Test Start: 2022.10.08 @ 02:09:34

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:43:34
 Time Test Ended: 14:26:04
 Interval: **5241.00 ft (KB) To 5280.00 ft (KB) (TVD)**
 Total Depth: 5280.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 68
 Reference Elevations: 2689.00 ft (KB)
 2681.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8788 Inside
 Press@RunDepth: 191.07 psig @ 5242.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.08 End Date: 2022.10.08 Last Calib.: 2022.10.08
 Start Time: 02:09:39 End Time: 14:26:04 Time On Btm: 2022.10.08 @ 05:42:34
 Time Off Btm: 2022.10.08 @ 11:11:34

TEST COMMENT: IF: Strong Blow . B.O.B. i9n 1 min. Built to 124.60". (5)
 IST No Blow . (45)
 FF: Strong Blow . B.O.B. immediate. G.T.S. in 21 mins. Built to 462.08". (90)
 FSt: Fair Blow . Built to 8.50". Decreasing. (180)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2602.97	108.62	Initial Hydro-static
1	85.78	107.93	Open To Flow (1)
7	56.05	112.81	Shut-In(1)
54	1509.97	114.63	End Shut-In(1)
56	56.70	113.45	Open To Flow (2)
146	191.07	115.43	Shut-In(2)
328	1487.84	118.55	End Shut-In(2)
329	2683.78	119.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
57.00	GHOCM 59%g 35%o 6%m	0.43
114.00	GHOCM 50%g 43%o 7%m	0.87
128.00	GHOCM 13%g 82%o 5%m	1.80
64.00	GHOCM 35%g 60%o 5%m	0.90
118.00	CO 100%o	1.66

* Recovery from multiple tests

Trilobite Testing, Inc

Ref. No: 68685

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	12.92	10.22
Last Gas Rate	0.13	16.22	11.46
Max. Gas Rate	0.13	16.73	11.65



TRILOBITE TESTING, INC.

Carmen Schmitt, Inc
 P.O. Box 47
 Great Bend, Ks. 67530
 ATTN: Brad Rine
22-28s-26w Ford, Ks
Molly 1-22
 Job Ticket: 68685 **DST#: 3**
 Test Start: 2022.10.08 @ 02:09:34

GAS RATES

Gas Rates Information

Temperature: 59 (deg F)
 Relative Density: 0.65
 Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	21	0.13	12.92	10.22
2	21	0.13	12.92	10.22
2	30	0.13	14.13	10.68
2	40	0.13	15.30	11.12
2	50	0.13	16.43	11.54
2	60	0.13	16.73	11.65
2	70	0.13	16.48	11.56
2	80	0.13	16.22	11.46



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 P.O. Box 47
 Great Bend, Ks. 67530
 ATTN: Brad Rine

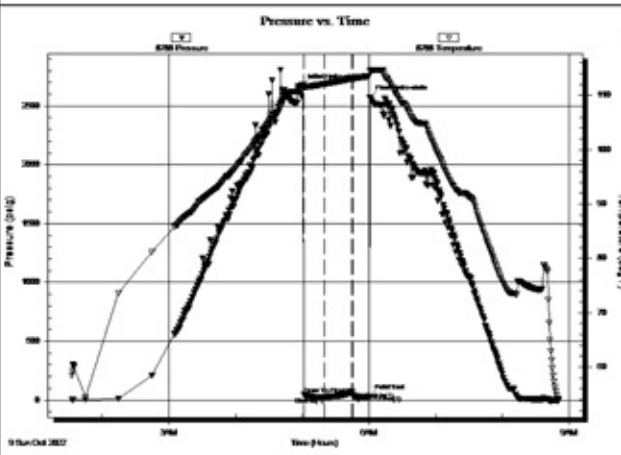
22-28s-26w Ford, Ks
Molly 1-22
 Job Ticket: 68686 **DST#: 4**
 Test Start: 2022.10.09 @ 01:32:54

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 05:01:24 Tester: Matt Smith
 Time Test Ended: 08:50:39 Unit No: 68
 Interval: **5280.00 ft (KB) To 5300.00 ft (KB) (TVD)** Reference Elevations: 2689.00 ft (KB)
 Total Depth: 5300.00 ft (KB) (TVD) 2681.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8788 Inside
 Press@RunDepth: 26.61 psig @ 5281.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.09 End Date: 2022.10.09 Last Calib.: 2022.10.09
 Start Time: 01:32:59 End Time: 08:50:38 Time On Btm: 2022.10.09 @ 04:59:54
 Time Off Btm: 2022.10.09 @ 06:00:39

TEST COMMENT: IF: Weak Blow . Surface to a 1/2", Before Decreasing Back to Surface Blow . (15)
 IST: No Blow . (30)
 FF: No Blow . Pulled Test. (10)



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2666.24	111.88	Initial Hydro-static
2	46.76	111.44	Open To Flow (1)
20	26.61	112.10	Shut-in(1)
45	67.62	113.06	End Shut-In(1)
46	40.68	113.07	Open To Flow (2)
61	24.26	113.58	Pulld Test
61	2571.02	114.52	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
2.00	OSM 100% m	0.02

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

* Recovery from multiple tests

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		Siltst
	New symbol		Blk sh/coal		Meta		Ss		Sandyls
	Anhy		Congl		Mrlst				

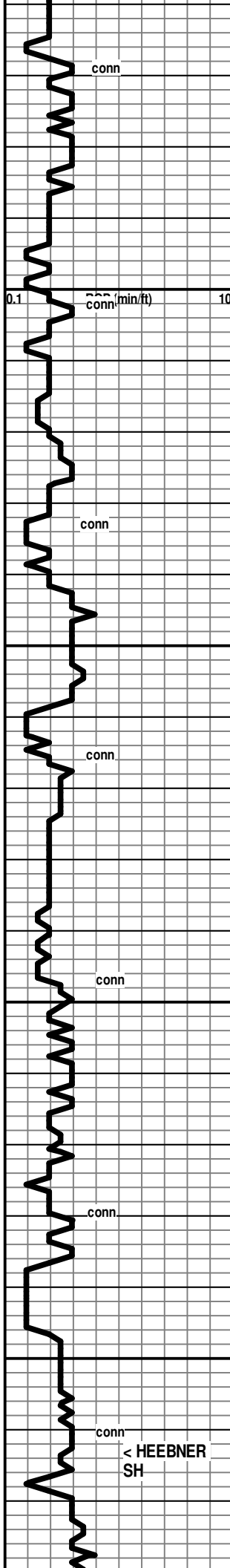
Accessories

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

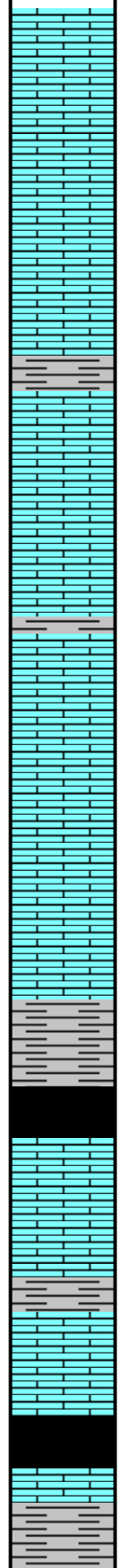
Other Symbols

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

ROP (min/ft) ROP (min/ft)	MD	Lithology	Geological Descriptions	Remarks
	4100			* Displace & Mudup @ 3560 ft! *Bit Trip @ 4107! *Pipe Strap @ 4107': 2.6' Long! Mud Check, Working on Pump @ 4011': Vis Wt WL PV YP 77 8.9 8.0 20 25 Chl Hd pH LCM Solids 3500 60 10.5 1.5 4.1
	4150			



4200
4250
4300
4350



Ls wh-cr-gy, fn xln, pr xln por to dns, chalky in pt; few pcs gy-dy gy slity ls

Ls wh-cr, fn xln, chalky in pt, pr xln por to dns in pt; few pcs of gy sh

Ls wh-cr, fn xln, pr-fr xln por in pt, chalky in pt; few pcs of gy-dk gy sh

60% Ls wh-cr, fn xln, pr xln por, chalky in pt; 40% Sh gy

90% Ls wh-cr-tan, chalky in pt, pr xln por in pt; 10% Sh gy

Ls wh-cr, fn xln, chalky in pt, pr xln por to dns in pt, foss

Ls wh-cr-tan, fn xln, pr xln por to dns, chalky in pt, foss; some of gy-dk gy-black shale

70% Ls wh-cr-tn-gy, fn xln, abund dns, some pr xln por, chalky in pt, foss; 30% Sh black, carb

← 4363 (-1674)

75% Ls wh-cr-tan-gy, fn xln, mostly dns, some pr xln por, some chalky, foss; 25% Sh dk gy-black, carb in pt

conn

0.1
conn (min/ft)
10

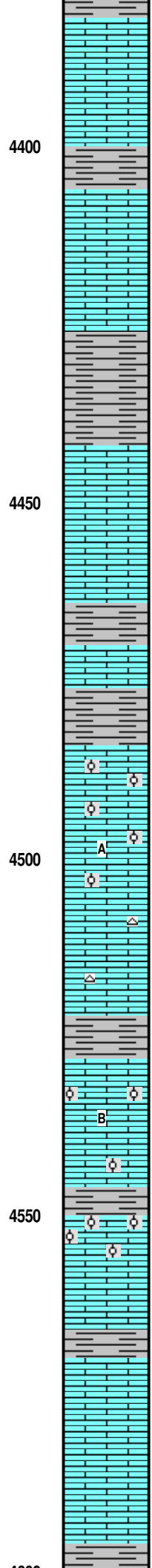
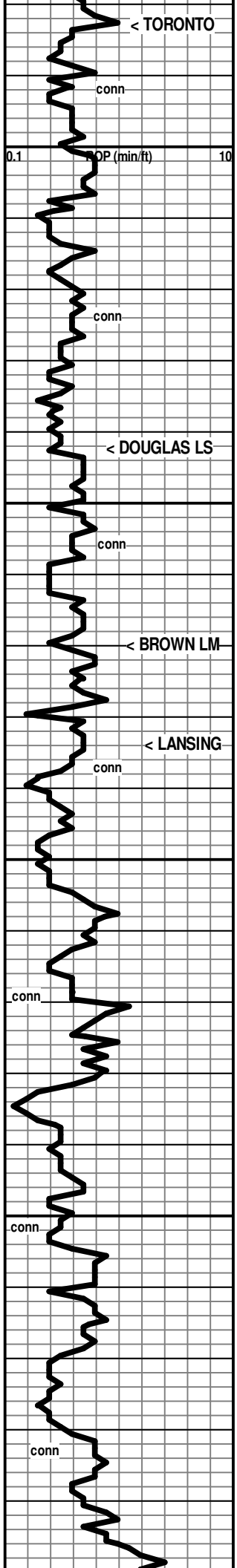
conn

conn

conn

conn

conn
< HEEBNER
SH



← 4383 (-1694)
 80% Ls wh-cr-tan, fn xln, dns in pt, pr xln por in pt, subchalky in pt, sli foss; 20% Sh gy-dk gy-black

Ls wh-cr, fn xln, subchalky in pt, mostly pr xln por with some fr xln por, foss; some gy shale

Ls wh-ct-tan, fn xln, chalky in pt, mostly pr xln por with some fr xln por & pp pores, foss, scatt & faintly ool in pt

← 4442 (-1753)
 65% Ls wh-cr-tan, fn xln, subchalky in pt, pr xln por to dns, foss; 35% Sh gy-grmish

80% Ls wh-cr-tan, pr xln por to dns in pt, subchalky in pt, pellet in pt, foss, scatt calcite patches; 20% Shales and shaley ls

← 4470 (-1781)
 Ls cr-tan, fn xln, dns

Sh gy

← 4484 (-1795)
 Ls wh-cr, fn xln, pr vis xln por, abund ool (fn) scatt interool pores

Ls wh-cr, fn xln, pr vix xln por, chalky in pt, foss, some ool (weath'd gy), chert: fresh cr-tan, transl-subopaq, foss

Sh gy

Ls wh-cr-tan-gy, fn xln, grainy text in pt, mostly dns, some pr xln por, foss

Sh gy

Ls cr-tan, some dns to pr xln por, some ool (fn) & scatt oom with scatt oom por, foss

Ls cr-tan-gy, fn xln, dns, dirty appearance, foss in pt

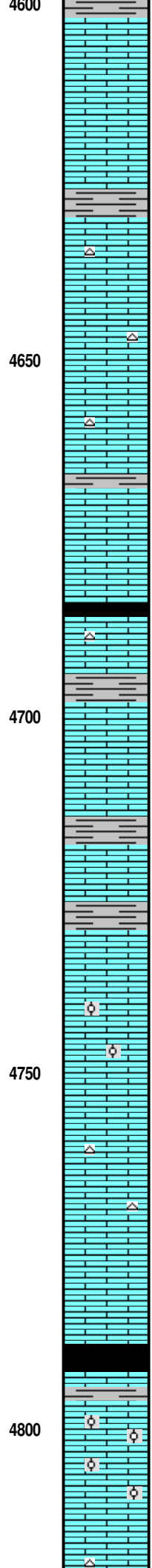
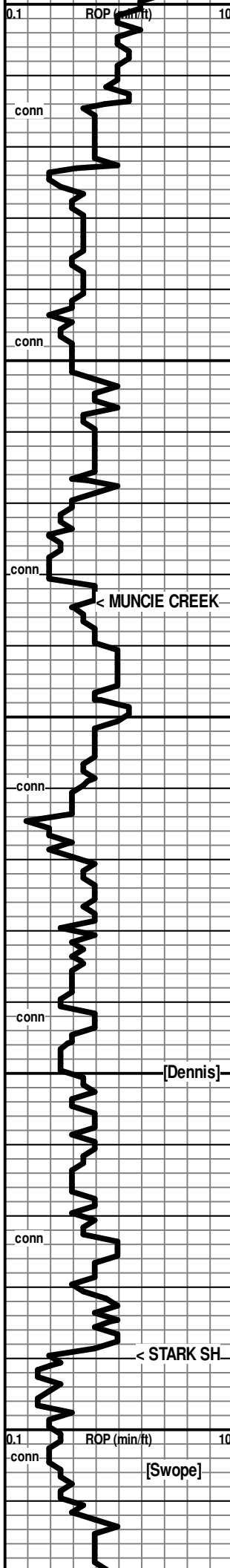
Ls wh-cr-tan, vfn-fn xln, mostly dns & hard, some softer & chalky, some pr vis xln por, foss

Sh gy

7:00 AM, October 03, 2022

Mud Check, Drlg @ 4558':

Vis	Wt	WL	PV	YP
47	9.0	9.0	11	15
Chi	Hd	pH	LCM	Solids
6000	60	9.0	3	4.6



4600 Ls wh-cr-tan-gy, vfn-fn xln, mostly dns, some softer & subchalky, foss, few pcs of dk gy shale

Ls wh-cr-tan-gy, vfn-fn xln, mostly dns, some softer & subchalky, foss, few pcs of dk gy shale

Ls cr-tan-gy, vfn-fn xln, mostly dns & hard to softer & subchalky, foss, chert: fresh, brn, suopaq, foss

4650 Ls cr-tan-gy, vfn-fn xln, mostly dns & hard to softer & subchalky, foss, chert: fresh, brn, suopaq, foss

Sh gy

← 4684 (-1995)
Sh black, carb (poorly repres in spl)

Ls cr-tan-gy, vfn-fn xln, mostly dns & hard to softer & subchalky, some pr xln por, foss, chert: fresh, brn, suopaq, foss

4700 Ls wh-cr, vfn-fn xln, dns & hard to softer & chalky, foss; some Sh gy-dk gy

Ls wh-cr, vfn-fn xln, dns & hard to softer & chalky, foss; some Sh gy-dk gy

Ls wh-cr, fn xln, pr vis xln por, chalky, ool (much weath'd gy), much Ls as above

4750 [Dennis]

Ls cr-tan, vfn-fn xln, pr xln por to dns, chert: fresh-subvitreous/grainy text, opa-subop

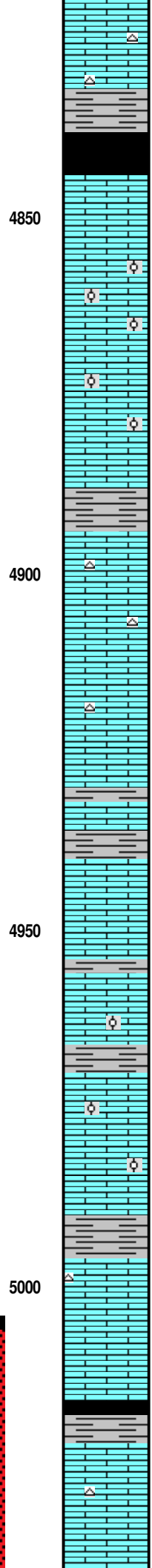
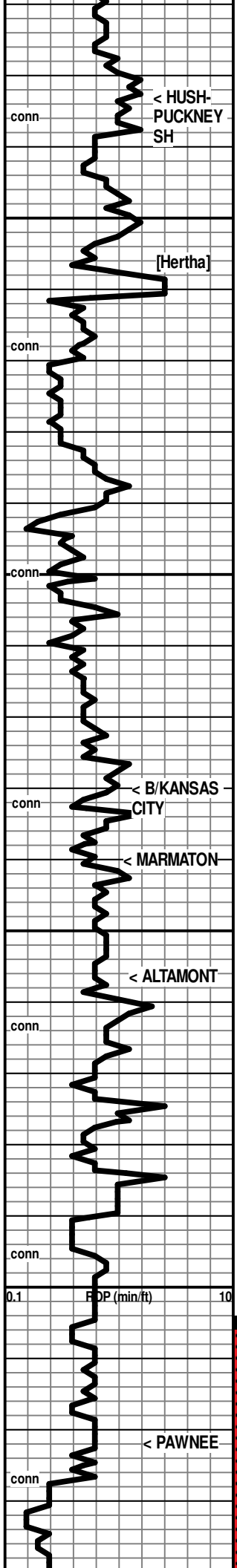
Ls wh-cr-tan, vfn-fn xln, mostly dns & hard, some softer & chalky, foss (some weath'd gy)

← 4789 (-2100)

95% Ls wh-cr, fn xln, much subchalky, some dns to pr xln por, ool in pt (fn) mostly well cem.; Few pcs of black carb shale

4800 [Swope]

Ls wh-cr, fn xln, much subchalky, some dns to pr xln por, ool in pt (fn) mostly well cem., scatt weath'd ool & oom



Ls cr-tan, fn-fn xln, dns, foss, chert: fresh, tan, transl
 ← 4833 (-2144)

Sh dk gy-black, carb in pt

Ls wh-cr-tan, fn xln, dns to pr vis xln por, foss
 [Hertha]

Ls cr, fn xln, subchalky in pt, dns in pt, ool in pt

Sh dk gy-black

Ls cr-tan-gy, vfn-fn xln, dns, foss, chert: fresh, gy, transl

Ls cr-tan, vfn-fn xln, dns, foss, chert: fresh, gy-tan, transl

4940' spl: 50% Sh gy-dk gy-blk; 50% Ls cr-tan, vfn-fn xln, dns, foss. chertv as above
 ← 4930 (-2241)

4950' spl: 80% Ls cr-tan-gy, vfn-fn lxn, dns, cherty; 20% Shale gy-dk gy
 ← 4940 (-2251)

4960' pl: 95% Ls cr-tan-gy, fn-vfn xln, dns, foss; 05% Sh gy-dk gy
 ← 4956 (-2267)

4970' pl: 95% Ls cr-tan-gy, fn-vfn xln, dns, foss; 05% Sh gy-dk gy

Ls wh-cr-gy, fn xln, chalky in pt, pr xln por to dns in pt, foss, ool in pt, scatt pl grn glauc spots

Sh gy-dk gy-black

Ls cr-tan, vfn-fn xln, dns, foss

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

Sh gy-black, carb in pt
 ← 5022 (-2333)

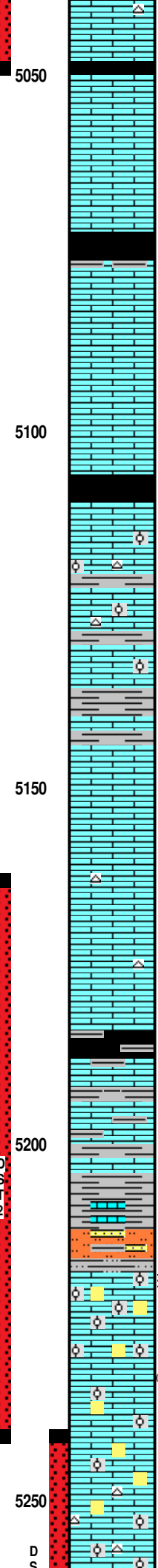
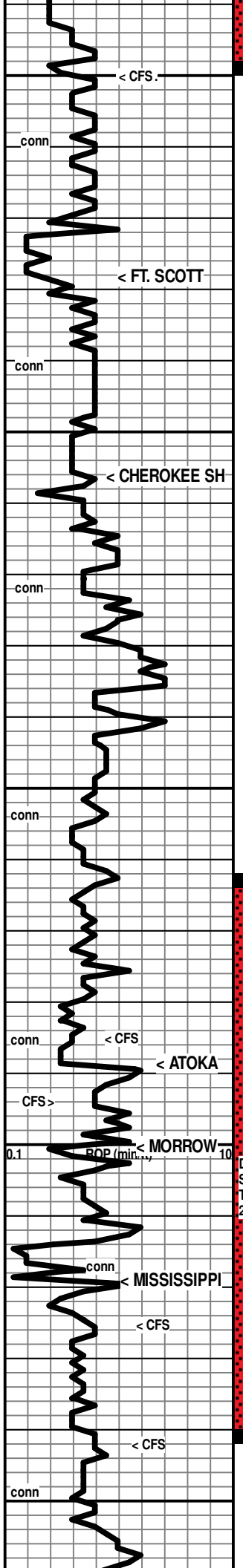
Ls wh-cr-tan, fn xln, few pcs with pr-fr xln por, mostly dns & hard, some softer & subchalky, foss in pt, low am't of chert: fresh, gy-wh, subtransl
 [Fnt Odor, Low % pcs with mod-brt, spotty-patchy flour, with trace shows of colorless to pale tan FO on

Work On Auto Driller!

Mud Check, Drlg @ 4866':

Vis	Wt	WL	PV	YP
52	9.1	8.0	14	16
Chl	Hd	pH	LCM	Solids
4000	80	9.5	2.5	5.5

DST #1: 5004-5050 (Pawnee)
 Times: 15-30-60-90
 Initial Blow: Wk Blow, built to 1.25" i.b.
 Final Blow: Wk Blow, built to 2-3/4" i.b.
 Rec: 242' gas in pipe, 130' Total Fluid
 10' SGOCM: 02%g 03%o 95%m
 60' SGOCWM: 05%G 05%o 05%w 85%m
 60' SGOCWM: 05%g 01%o 39%w 55%m
 IHP: 2546 FHP: 2390
 IFP: 69-52 FFP: 82-91
 ISIP: 1480 FSIP: 1486
 BHT: 109°F
 Chl/mud: 5500 ppm. Chl/wtr: 23000 ppm)



crush, v sli gassy in pt]

Sh black, carb

Ls cr-tan, vfn xln, dns in pt, chalky in pt, foss in pt

Sh black, carb

← 5078 (-2389)

Ls wh-cr, fn xln, mostly pr vis xln por with scatt pp pores, abund foss-packed foss (NS)

Ls cr-tan-gy, vfn-fn xln, mostly dns, scatt pr xln por, abund foss

← 5106 (-2417)

5110' spl: Ls cr-gy, vfnxln, dns, foss; Abund dk gy-blk shale, carb in pt

Ls cr-brn-dk gy, vfn xln, dns, sli foss in pt; Abund dk gy to blk shale in 5120' spl

Ls cr-tan-gy, vfn-fn xln, dns to pr xln por in pt, foss, ool in pt, Tr of Chert: fresh, tan, transl, foss

5140' & 5150' spl: 70% Ls cr-tan-gy, vfn xln, dns, few ool pcs, foss; 30% Sh mostly gy-dk gy-black, carb in pt, some red earthy shale

Ls wh-cr-tan-gy, vfn-fn xln, mostly dns & hard, some softer & subchalky, Rr pr xln por, foss

Ls mostly cr-tan, with scatt white chalky patches, mostly dns, foss

Ls mostly cr-tan-gy, with scatt white chalky patches, mostly dns, foss, chert: wh, sli devitrified, opa

Show Descr. →

Sh dk gy-black, carb in pt

← 5189 (-2500)

5194' cfs: Mix of: Ls wh-cr-tan, fn xln, dns, foss in pt, chalky in pt, chert: fresh, tan-brn, transl; Sh gy-black-pl gm,subsilty in pt

Show Descr. →

← 5200 (-2511)

5210' & 5220' spl: 90% Ls wh-cr-tan, vfn-fnxln, mostly dns & hard, some softer and chalky in patches & pcs, foss in pt; 10% Sh gy-pl gm-black

Sh grn, subwaxy-subsilty

5225' CFS spl: Abund gm shale; abund Ls white, chalky to grainy text, silty to sdy in pt, ool in pt, scatt glauc spots; Low % pcs: calc siltstone-vfn fn calc Sd, subrd, white to green, mushy to soft

← 5219 (-2530)

5225' CFS spl: Abund gm shale; abund Ls white, chalky to grainy text, silty to sdy in pt, ool in pt, scatt glauc spots, some dns tan Ls; Low % pcs: calc siltstone-vfn fn calc Sd, subrd, white to green, mushy to soft

Ls mostly wh-cr, some tan, chalky in pt, less silty/sdy in pt, ool in pt, (ools coarsening with depth) pr vis xln por; about 20% Shale gy-grn

Show Descr. →

5260' spl: Ls ch-cr, fn xln, dns, more sdy/less ool than above (NS)

5268' spl: Ls wh, fn xln, packed ool (md-crs) mostly well-cem with scatt interool pores, sdy in pt, chert: fresh, wh-gy, subtransl, mottled-sli devitrified

5268' CGS: Ls wh-cr, fn xln, abund packed (md-crs) ool with scatt

7:00 AM, October 05, 2022

Mud Check, TIH/DST1 @ 5050':

Vis	Wt	WL	PV	YP
52	9.3	9.6	12	16
Chl	Hd	pH	LCM	Solids
5500	80	9.0	2.5	6.4

Mud Check, Drlg @ 5122':

Vis	Wt	WL	PV	YP
58	9.1	9.2	15	17
Chl	Hd	pH	LCM	Solids
6550	80	8.0	2	5.3

7:00 AM, October 06, 2022

DST #2: 5163-5242 (Cherokee, Morrow, Miss.)

Times: 15-30-60-90

Initial Open: Stg Blow, b.o.b. 4 min, built to 51", No Return Blow

Final Open: Stg Blow, b.o.b. 20 sec., built to 224", No Return Blow

Rec: 1240' gas in pipe, 20' SGCM: 02% gas

IHP: 2595 FHP: 2428

IFP: 68-42 FFP: 48-33

ISIP: 874 FSIP: 1266

BHT: 109°F

[5170' +/- Fnt Odor, few pcs pre tray with brt speck'd Fluor, with trace to v sli shows of gas bubbles and micro-drops of colorless FO on crush]

[5194' CFS: No Odor, few pcs with mod patchy fluor, NSO, NSG]

Mud Check, OB/DST2 @ 5242':

Vis	Wt	WL	PV	YP
50	9.2	9.2	15	14
Chl	Hd	pH	LCM	Solids
5300	60	9.5	2	6.1

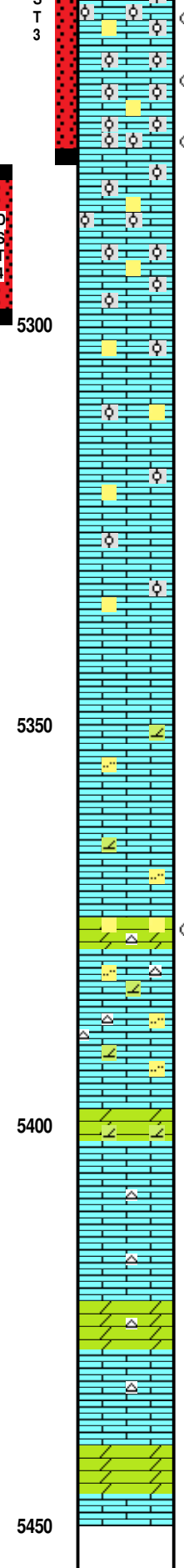
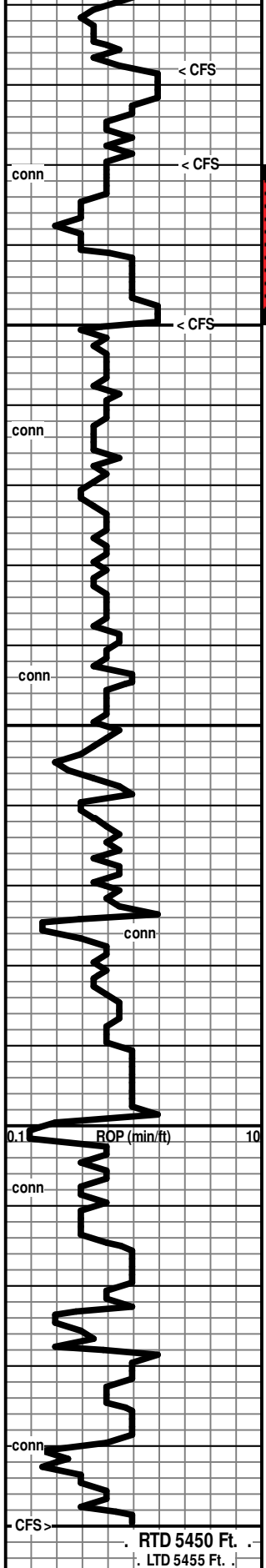
[5225' CFS: No Odor in Cup, Miss.: Fnt Odor on crush, Rr pcs with dull-brt patchy-streaky fluor, V Sli shows of gas bubbles & colorless Micro-drops of FO on crush under blk light, (not vis under white light)]

[5242' CFS: No Odor, scatt patches of dull-brt fluor, a few pcs with scant micro-drops of FO on crush under blk light, NSG]

7:00 AM, October 07, 2022

[5268' spl: No Odor in cup-fnt odor when crushed, Low % pcs with spotty-patchy mod fluor, Tr shows of gas bubbles and colorless microdrops on crush]

[5268' CFS: No Odor in Cup, V fnt odor on crush, v



interool pores, mosly cem, pr-fr crush, sdy & hard in pt, cherty as above

5280' spl: Ls wh-cr, fn xln, mostly dns, Rr pr xln por, abund ool, mostly well-cem with only some vis interool pores, a few chalky loosely cem ool pcs, sdy in pt, cherty

5280' CFS: Ls wh-cr, fn xln, mostly packed ool, some sdy, mostly well-cem with mod am't of more loosely cem ool, chalky in pt, some loose ool in spls (the samples in this interval looked better than interval circ. up at 5268')

5300' & CFS: Ls wh, fn xln, packed ool, some well cem & dns, some loosely packed with fr interool pores, a few loose ool in tray, some chalky, low % sdy, some tan dns and not very ool with depth

Ls wh-cr, fn xln, abund dns, some chalky, less sdy, abund oolitic with Rr vis interool pores; 40% Shales from tripping

Ls wh-cr, fn xln, abund dns, some chalky, incr. sdy, abund oolitic with Rr vis interool pores, scatt gm glauc specks; 30% Shales from tripping

Ls wh-cr, fn xln, pr xln por to dns, ome chalky, ool and sdy in pt (spls 85% shales: gy-grn-blk)

* Formation Change in 5360' spl!

Ls wh-cr-tan-gy, fn xln, vfn-fn xln, mostly dns & hard, some softer & chalky, sli foss in pt

Ls & dolom Ls & Limey Dol? wh-cr-tan, vfn xln, mostly dns & hard, some sli softer & subchalky, silty-subsucr text in pt (spls 30% shales gy-grn-blk)

Ls wh-cr, vfn xln, dns, silty text in pt (05% shale)

Grainy Chert/Sd? (found 2 pcs) fused hard, gy, v hard to crush, some white fresh chert

[No Odor in cup-v fnt odor when crushed in tray, mod speckled fluor, trace show of colorless to v lt tan FO with tr gas bubbles on crush]

Ls wh-cr, vfn xln, dns, silty/dol text in pt (05% shale), chert, wh, fresh sub opa q

Ls wh-cr, vfn xln, mostly dns & hard, some sli softer & subchalky, sily-sdy in pt, subsucr in pt, scatt patches of pyrite, chert: fresh, cr-tan, opa q (brk could be cherty dolom?)

Ls mostly cr, some tan-gy-dk gy, vfn xln, dns, some silty text in pt, mod am't of chert

Dol pl gy, vfn-fn xln, subsucr text, pr vis xln por, pr crush, sli cherty

Ls cr, vfn-fn xln, dns, chert: fresh, cr-tan, transl-subtr, foss in pt

Dol cr-tan, vfn-fn xln, subsucr-sucrosic, pr-fr xln por, pr-fr crush

Ls cr, vfn xln, dns

Total Depth Reached at 11:15 PM, October 09, 2022!

low % pcs with brr spotty-patchy fluor, with trace shows of colorless micro-drops on crush and tr of gas bubbles]

[5280' spl: a few pcs per tray with spotty brt fluor, NSO, NSG]

[5280' CFS: few pcs per tray with trace of mod fluor, NSO, NGS]

7:00 AM, October 08, 2022

[5300' & CFS: No Odor, Rr pcs with spots of dull fluor, NSO, NSG]

7:00 AM, October 09, 2022

DST #3: 5241-5280 (Mississippi)
 Times: 05-45-90-180
 Initial Open: Stg Blow, b.o.b. 1 min, No Return Blow
 Final Open: Stg Blow, b.o.b. instant, *gts in 21 min, blow built to 462", Return Blow built to 462", Return Blow built to 8.5" then decreased
 Rec: 481' Total Fluid + gas to surface
 118' Clean Oil
 128' GMCO: 13%g 82%o 0%w 05%m
 64' HGMCO: 35%g 60%o 0%w 05%m
 114' HGMCO: 50%g 43%o 0%w 07%m
 57' HGMCO: 59%g 35%o 0%w 06%m
 IHP: 2603 FHP: 2684
 IFP: 86-56 FFP: 57-191
 ISIP: 1510 FSIP: 1488
 BHT: 109°F
 (Oil Gravity API: 44.8)
 *Gas Gauges: (Final Open)
 GTS in 21 min

Time	Choke	Flow Rate (MCPD)
21 min	1/8" choke	10.23
30	1/8"	10.68
40	1/8"	11.12
50	1/8"	11.54
60	1/8"	11.65
70	1/8"	11.56
80	1/8"	11.46
90	1/8"	11.30

DST #4: 5280-5300 (Mississippi)
 Times: 15-30-10-out
 Initial Open: Wk Blow, built to 1/2", died back to surface blow
 Final Open: No blow
 Rec: 2' OSM
 IHP: 2667 FHP: 2571
 IFP: 47-27 FFP: 41-24
 ISIP: NA
 BHT: 119°F

Mud Check, OB/DST3 @ 5280':
 Vis Wt WL PV YP
 48 9.3 10.4 16 16
 Chl Hd pH LCM Solids
 7500 84 9.0 2 6.7

Mud Check, CTCH after DST4 @ 5300':
 Vis Wt WL PV YP
 46 9.0 8.8 14 13
 Chl Hd pH LCM Solids
 5700 52 10.0 2 4.7

* Will pick up pit mud and treat, then add to mud system to prepare fo logging!

Mud Check, Logging @ 5450' RTD':
 Vis Wt WL PV YP
 50 9.1 8.8 15 14
 Chl Hd pH LCM Solids
 6750 16 10.0 2 5.3

RTD 5450 Ft.
 LTD 5455 Ft.

10 9 8 7 6 5 4 3 2 1	5500			
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DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Molly #1-22

22-28s-26w Ford,KS

Start Date: 2022.10.05 @ 07:27:37

End Date: 2022.10.05 @ 16:14:22

Job Ticket #: 68683 DST #: 1

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

Printed: 2022.10.12 @ 14:39:30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68683 **DST#: 1**
 Test Start: 2022.10.05 @ 07:27:37

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:18:07
 Time Test Ended: 16:14:22
 Interval: **5004.00 ft (KB) To 5050.00 ft (KB) (TVD)**
 Total Depth: 5050.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Matt Smith
 Unit No: 68
 Reference Elevations: 2689.00 ft (KB)
 2681.00 ft (CF)
 KB to GR/CF: 8.00 ft

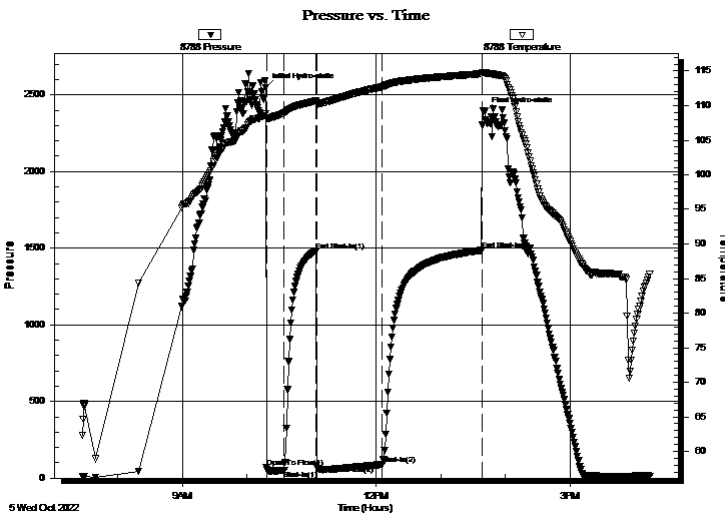
Serial #: 8788

Inside

Press@RunDepth: 91.09 psig @ 5005.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.05 End Date: 2022.10.05 Last Calib.: 2022.10.05
 Start Time: 07:27:42 End Time: 16:14:22 Time On Btm: 2022.10.05 @ 10:17:37
 Time Off Btm: 2022.10.05 @ 13:40:37

TEST COMMENT: IF: Weak Blow . Built to 1 1/4". in the Bucket. (15)
 IS: No Blow . In the Bucket. (30)
 FF: Weak Blow . Built to 2 3/4". in the Bucket. (60)
 FS: No Blow . In the Bucket. (90)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2545.59	108.83	Initial Hydro-static
1	69.15	108.12	Open To Flow (1)
17	52.13	108.92	Shut-In(1)
47	1480.08	110.67	End Shut-In(1)
47	82.40	110.27	Open To Flow (2)
108	91.09	112.71	Shut-In(2)
201	1486.32	114.60	End Shut-In(2)
203	2389.82	114.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GVSOWCM 5%g 1%o 39%w 55%m	0.46
60.00	GVSOWCM 5%g 5%o 5%w 85%m	0.46
10.00	GVSOCM 2%g 3%o 95%m	0.08
0.00	242' GIP 100%g	0.00

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

22-28s-26w Ford, KS
Molly #1-22
Job Ticket: 68683 **DST#: 1**
Test Start: 2022.10.05 @ 07:27:37

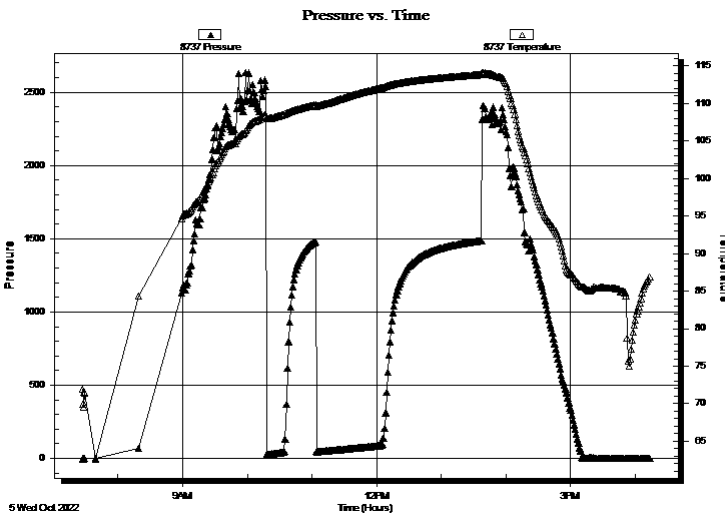
GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:18:07
Time Test Ended: 16:14:22
Interval: **5004.00 ft (KB) To 5050.00 ft (KB) (TVD)**
Total Depth: 5050.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Matt Smith
Unit No: 68
Reference Elevations: 2689.00 ft (KB)
2681.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8737 **Outside**
Press@RunDepth: psig @ 5005.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2022.10.05 End Date: 2022.10.05 Last Calib.: 2022.10.05
Start Time: 07:27:22 End Time: 16:13:47 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Weak Blow . Built to 1 1/4", in the Bucket. (15)
IS: No Blow . In the Bucket. (30)
FF: Weak Blow . Built to 2 3/4". in the Bucket. (60)
FS: No Blow . In the Bucket. (90)

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GVSOWCM 5%g 1%o 39%w 55%m	0.46
60.00	GVSOWCM 5%g 5%o 5%w 85%m	0.46
10.00	GVSOCM 2%g 3%o 95%m	0.08
0.00	242' GIP 100%g	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68683 **DST#: 1**
 Test Start: 2022.10.05 @ 07:27:37

Tool Information

Drill Pipe:	Length: 4817.00 ft	Diameter: 3.80 inches	Volume: 67.57 bbl	Tool Weight: 2100.00 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: 171.00 ft	Diameter: 2.80 inches	Volume: 1.30 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 68.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5004.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			4974.00	
Shut In Tool	5.00			4979.00	
Hydraulic tool	5.00			4984.00	
Jars	5.00			4989.00	
EMT	3.00			4992.00	
Safety Joint	3.00			4995.00	
Packer	4.00			4999.00	31.00 Bottom Of Top Packer
Packer	5.00			5004.00	
Stubb	1.00			5005.00	
Recorder	0.00	8788	Inside	5005.00	
Recorder	0.00	8737	Outside	5005.00	
Perforations	3.00			5008.00	
Change Over Sub	1.00			5009.00	
Blank Spacing	30.00			5039.00	
Change Over Sub	1.00			5040.00	
Perforations	7.00			5047.00	
Bullnose	3.00			5050.00	46.00 Bottom Packers & Anchor
Total Tool Length:	77.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

22-28s-26w Ford,KS
Molly #1-22
Job Ticket: 68683 **DST#: 1**
Test Start: 2022.10.05 @ 07:27:37

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:	23000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.56 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

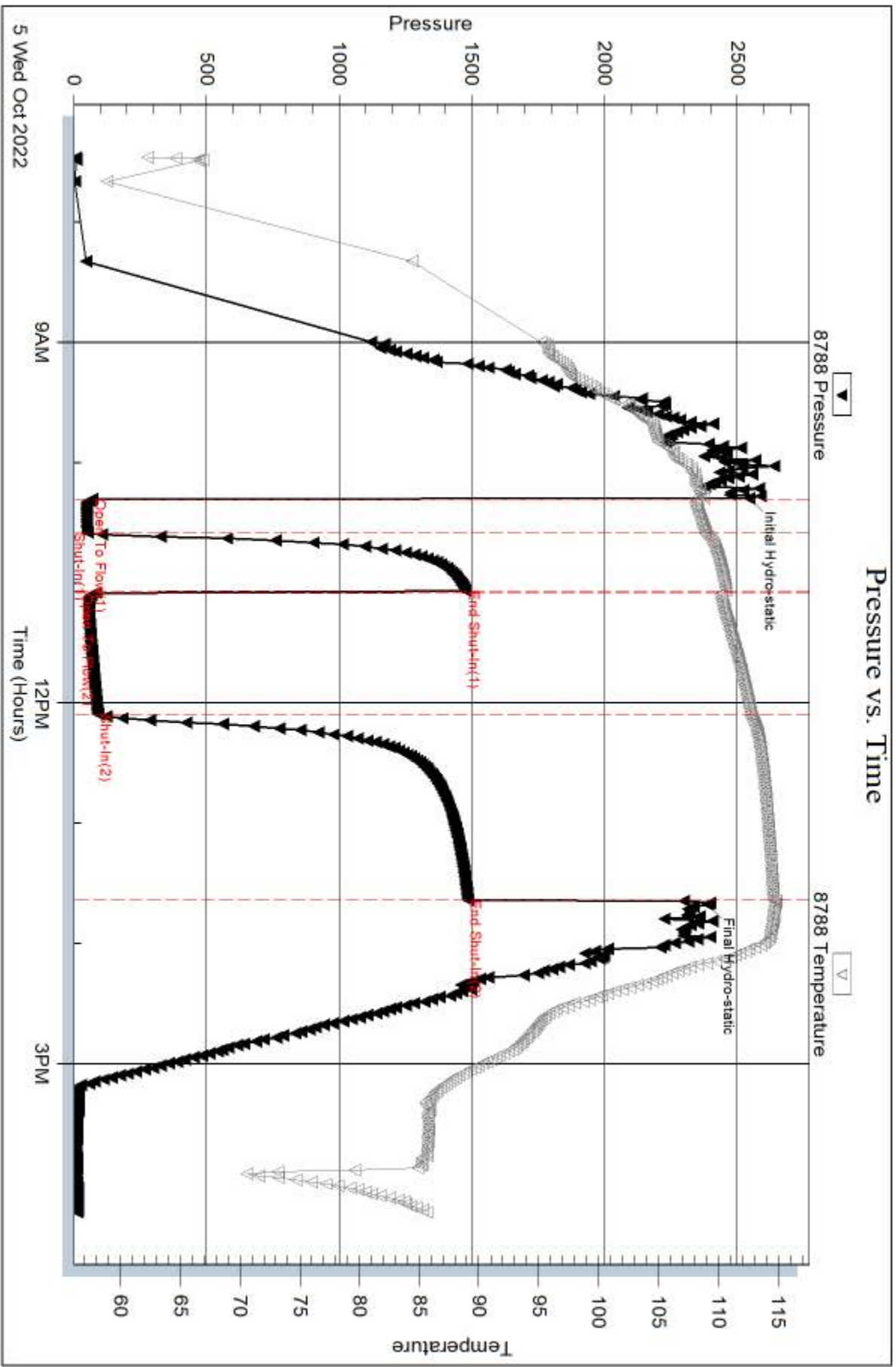
Length ft	Description	Volume bbl
60.00	GVSOWCM 5%g 1%o 39%w 55%m	0.457
60.00	GVSOWCM 5%g 5%o 5%w 85%m	0.457
10.00	GVSOCM 2%g 3%o 95%m	0.076
0.00	242' GIP 100%g	0.000

Total Length: 130.00 ft Total Volume: 0.990 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: None

Laboratory Name: Laboratory Location:

Recovery Comments: RW is .28 @ 76 Degrees = 23,000 Chlorides.
242 Feet of Gas in Pipe.

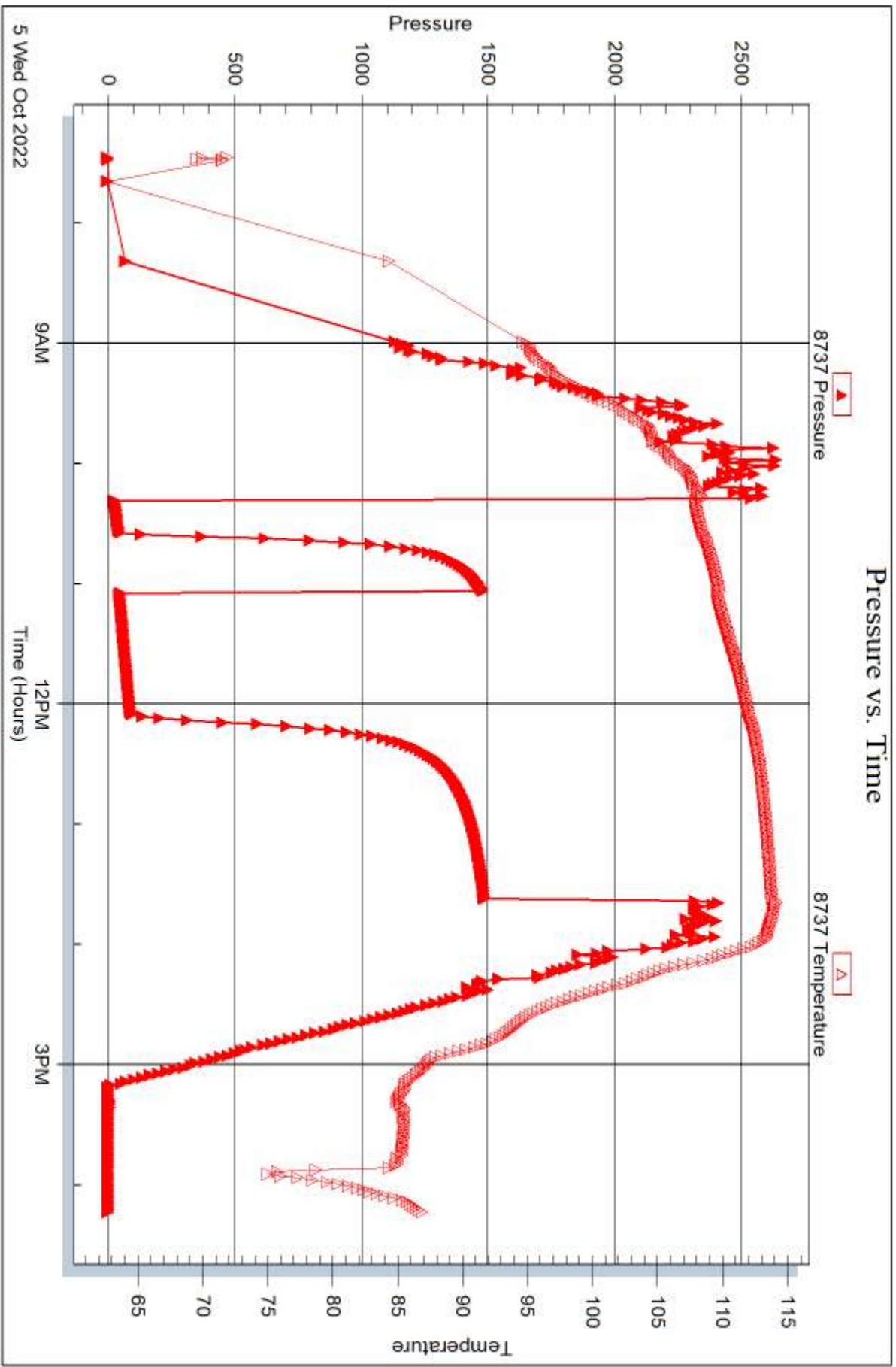


Serial #: 8737

Outside Carmen Schmitt, Inc

Molly #1-22

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 68683

Printed: 2022.10.12 @ 14:39:31



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Molly #1-22

22-28s-26w Ford,KS

Start Date: 2022.10.07 @ 02:15:34

End Date: 2022.10.07 @ 12:40:34

Job Ticket #: 68684 DST #: 2

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

Printed: 2022.10.12 @ 14:38:58



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

22-28s-26w Ford, KS

Molly #1-22

Job Ticket: 68684

DST#: 2

Test Start: 2022.10.07 @ 02:15:34

GENERAL INFORMATION:

Formation: **Cherokee - Mississipp**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:50:04

Time Test Ended: 12:40:34

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 5163.00 ft (KB) To 5242.00 ft (KB) (TVD)

Reference Elevations: 2689.00 ft (KB)

Total Depth: 5242.00 ft (KB) (TVD)

2681.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8788

Inside

Press@RunDepth: 32.68 psig @ 5164.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.07 End Date: 2022.10.07

Last Calib.: 2022.10.07

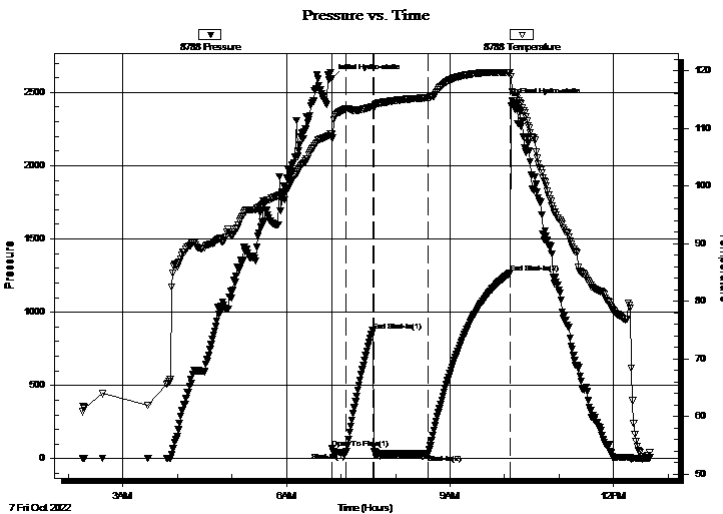
Start Time: 02:15:39 End Time: 12:40:34

Time On Btm: 2022.10.07 @ 06:49:34

Time Off Btm: 2022.10.07 @ 10:09:34

TEST COMMENT: IF: Strong Blow . B.O.B. in 4 mins. Built to 50.72". (15)
IS: No Blow . (30)
FF: Strong Blow . B.O.B. in 20 sec. Built to 224.32". (60)
FS: No Blow . (90)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2594.68	109.00	Initial Hydro-static
1	67.59	108.33	Open To Flow (1)
16	41.82	113.35	Shut-In(1)
45	874.09	113.75	End Shut-In(1)
47	48.06	113.80	Open To Flow (2)
106	32.68	115.32	Shut-In(2)
197	1266.18	119.65	End Shut-In(2)
200	2427.88	116.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GDM 2%g 98%m	0.15
0.00	1420' GIP 100%g	0.00

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

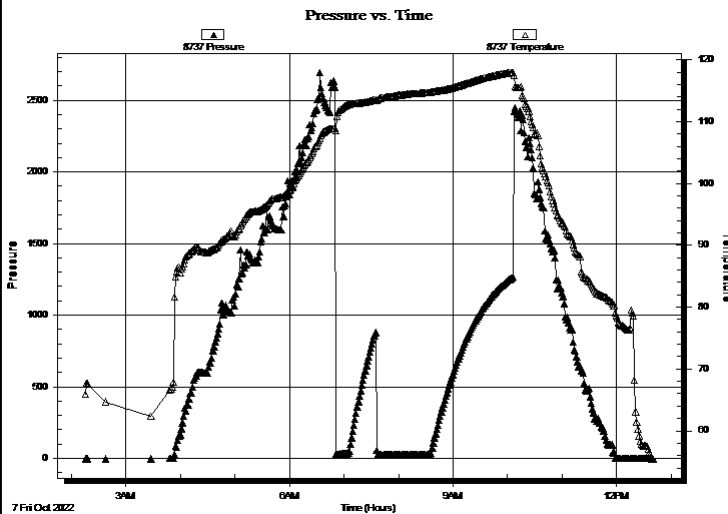
22-28s-26w Ford,KS
Molly #1-22
Job Ticket: 68684 **DST#: 2**
Test Start: 2022.10.07 @ 02:15:34

GENERAL INFORMATION:

Formation: **Cherokee - Mississipp**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 06:50:04 Tester: Matt Smith
Time Test Ended: 12:40:34 Unit No: 68
Interval: 5163.00 ft (KB) To 5242.00 ft (KB) (TVD) Reference Elevations: 2689.00 ft (KB)
Total Depth: 5242.00 ft (KB) (TVD) 2681.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8737 Outside
Press@RunDepth: psig @ 5164.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2022.10.07 End Date: 2022.10.07 Last Calib.: 2022.10.07
Start Time: 02:15:45 End Time: 12:40:40 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong Blow . B.O.B. in 4 mins. Built to 50.72". (15)
IS: No Blow . (30)
FF: Strong Blow . B.O.B. in 20 sec. Built to 224.32". (60)
FS: No Blow . (90)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GDM 2%g 98%m	0.15
0.00	1420' GIP 100%g	0.00

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
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68684 **DST#: 2**
 Test Start: 2022.10.07 @ 02:15:34

Tool Information

Drill Pipe:	Length: 4975.00 ft	Diameter: 3.80 inches	Volume: 69.79 bbl	Tool Weight: 2100.00 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: 171.00 ft	Diameter: 2.80 inches	Volume: 1.30 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 71.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5163.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.00 ft			
Tool Length:	110.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Requested Shale Packer.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5133.00	
Shut In Tool	5.00			5138.00	
Hydraulic tool	5.00			5143.00	
Jars	5.00			5148.00	
EMT	3.00			5151.00	
Safety Joint	3.00			5154.00	
Packer	4.00			5158.00	31.00 Bottom Of Top Packer
Packer	5.00			5163.00	
Stubb	1.00			5164.00	
Recorder	0.00	8788	Inside	5164.00	
Recorder	0.00	8737	Outside	5164.00	
Perforations	2.00			5166.00	
Change Over Sub	1.00			5167.00	
Blank Spacing	64.00			5231.00	
Change Over Sub	1.00			5232.00	
Perforations	7.00			5239.00	
Bullnose	3.00			5242.00	79.00 Bottom Packers & Anchor
Total Tool Length:	110.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68684 **DST#: 2**
 Test Start: 2022.10.07 @ 02:15:34

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:	6550 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6550.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

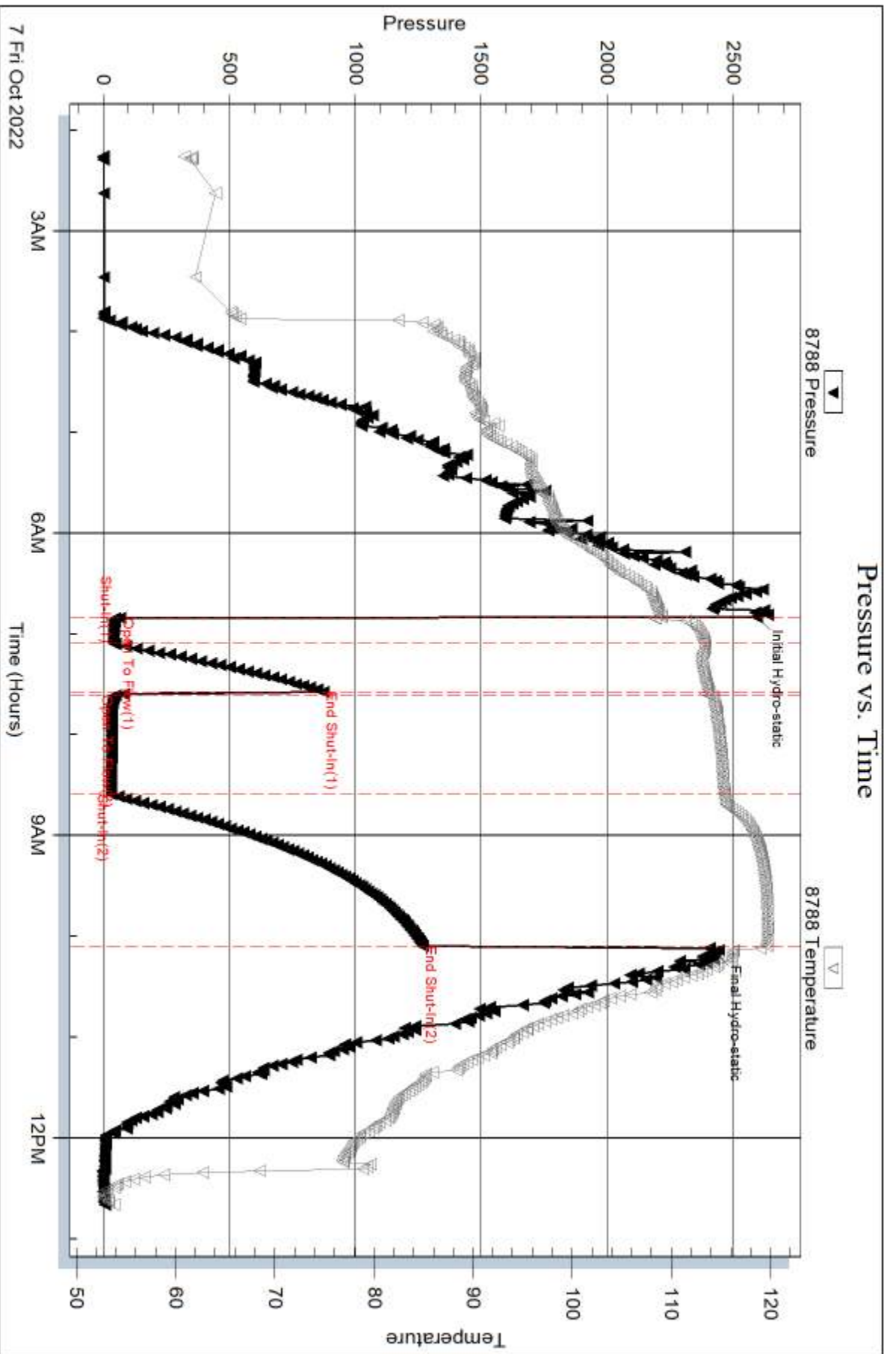
Length ft	Description	Volume bbl
20.00	GDM 2%g 98%m	0.152
0.00	1420' GIP 100%g	0.000

Total Length: 20.00 ft Total Volume: 0.152 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: None

Laboratory Name: Laboratory Location:

Recovery Comments: 1,420 Feet of Gas in Pipe.
 Requested Shale Packer.

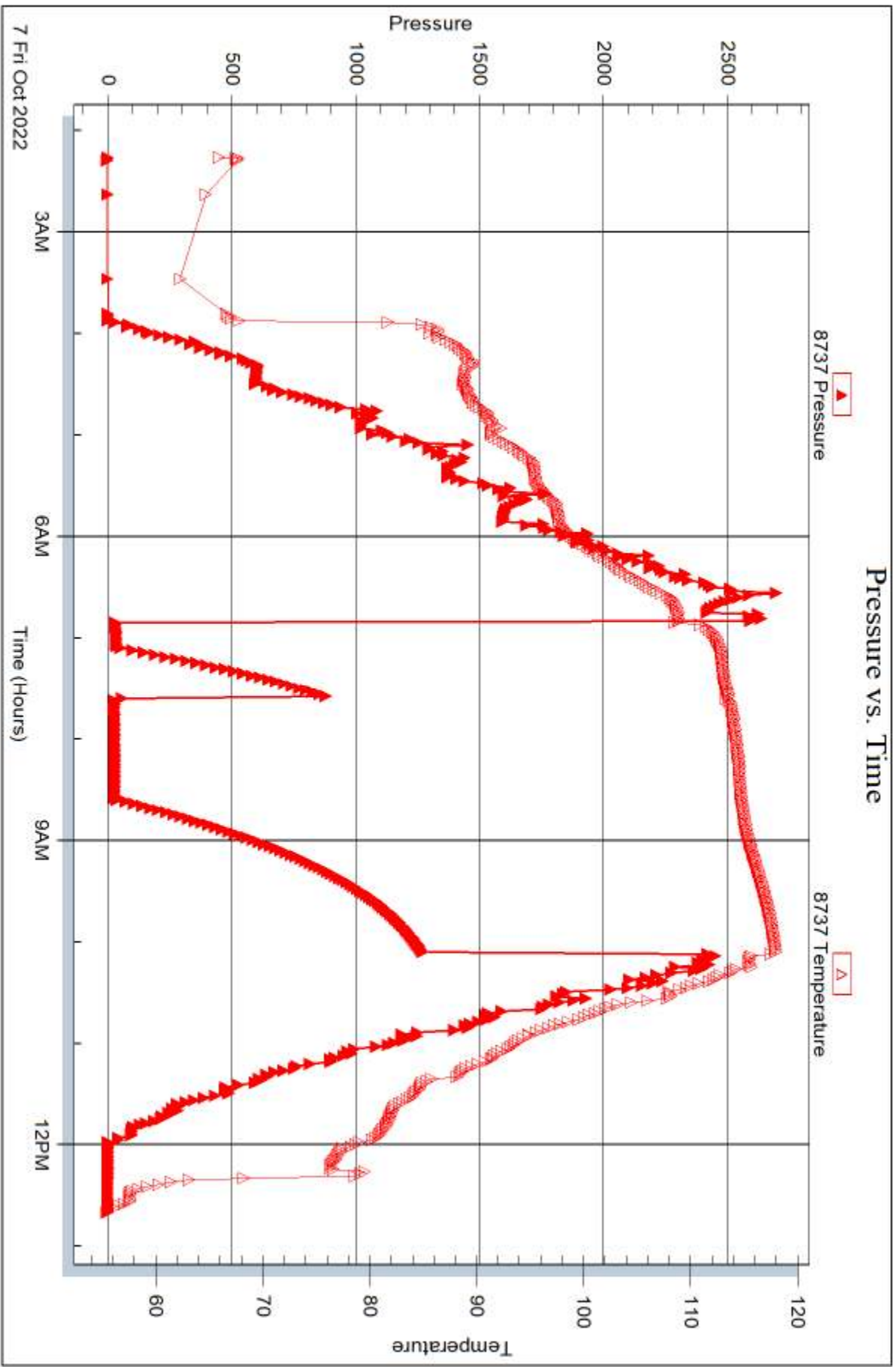


Serial #: 8737

Outside Carmen Schnitt, Inc

Molly #1-22

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Molly #1-22

22-28s-26w Ford,KS

Start Date: 2022.10.08 @ 02:09:34

End Date: 2022.10.08 @ 14:26:04

Job Ticket #: 68685 DST #: 3

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

Printed: 2022.10.12 @ 14:33:31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68685 **DST#: 3**
 Test Start: 2022.10.08 @ 02:09:34

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:43:34
 Time Test Ended: 14:26:04
 Interval: **5241.00 ft (KB) To 5280.00 ft (KB) (TVD)**
 Total Depth: 5280.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 68
 Reference Elevations: 2689.00 ft (KB)
 2681.00 ft (CF)
 KB to GR/CF: 8.00 ft

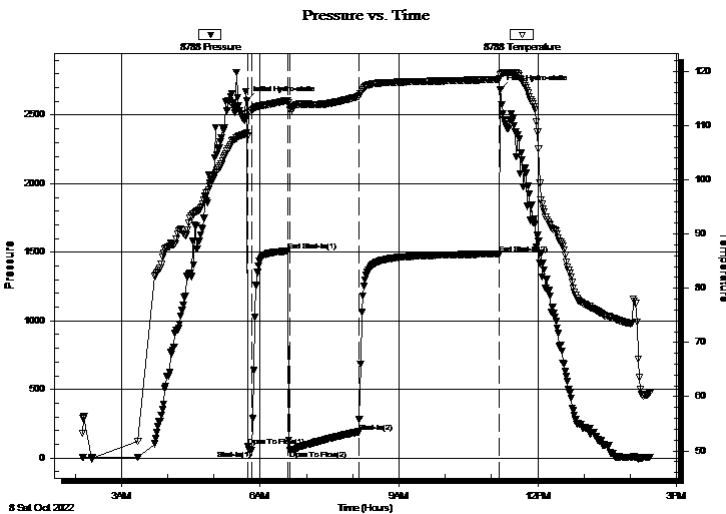
Serial #: 8788

Inside

Press@RunDepth: 191.07 psig @ 5242.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.08 End Date: 2022.10.08 Last Calib.: 2022.10.08
 Start Time: 02:09:39 End Time: 14:26:04 Time On Btm: 2022.10.08 @ 05:42:34
 Time Off Btm: 2022.10.08 @ 11:11:34

TEST COMMENT: IF: Strong Blow . B.O.B. i9n 1 min. Built to 124.60". (5)
 IS: No Blow . (45)
 FF: Strong Blow . B.O.B. immediate. G.T.S. in 21 mins. Built to 462.08". (90)
 FS: Fair Blow . Built to 8.50". Decreasing. (180)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2602.97	108.62	Initial Hydro-static
1	85.78	107.93	Open To Flow (1)
7	56.05	112.81	Shut-In(1)
54	1509.97	114.63	End Shut-In(1)
56	56.70	113.45	Open To Flow (2)
146	191.07	115.43	Shut-In(2)
328	1487.84	118.55	End Shut-In(2)
329	2683.78	119.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
57.00	GHOCM 59%g 35%o 6%m	0.43
114.00	GHOCM 50%g 43%o 7%m	0.87
128.00	GHOCM 13%g 82%o 5%m	1.80
64.00	GHOCM 35%g 60%o 5%m	0.90
118.00	CO 100%o	1.66

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	12.92	10.22
Last Gas Rate	0.13	15.79	11.30
Max. Gas Rate	0.13	16.73	11.65



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

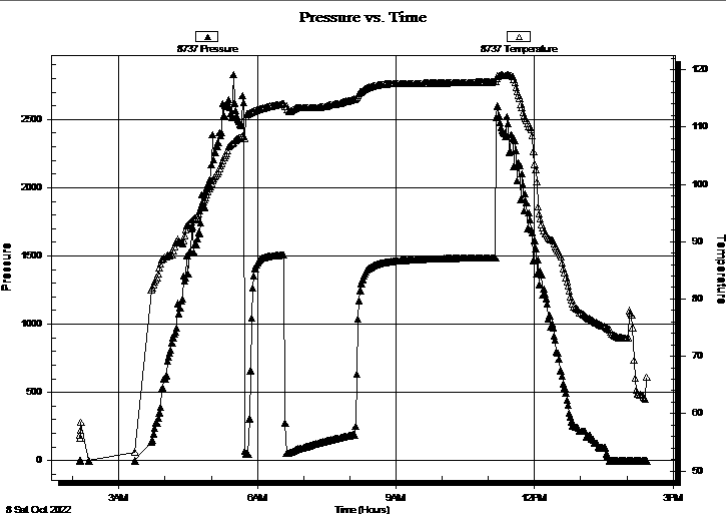
22-28s-26w Ford,KS
Molly #1-22
Job Ticket: 68685 **DST#: 3**
Test Start: 2022.10.08 @ 02:09:34

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:43:34
Time Test Ended: 14:26:04
Interval: **5241.00 ft (KB) To 5280.00 ft (KB) (TVD)**
Total Depth: 5280.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2689.00 ft (KB)
2681.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8737 Outside
Press@RunDepth: psig @ 5242.00 ft (KB)
Start Date: 2022.10.08 End Date: 2022.10.08
Start Time: 02:09:13 End Time: 14:25:38
Capacity: 8000.00 psig
Last Calib.: 2022.10.08
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong Blow . B.O.B. i9n 1 min. Built to 124.60". (5)
IS: No Blow . (45)
FF: Strong Blow . B.O.B. immediate. G.T.S. in 21 mins. Built to 462.08". (90)
FS: Fair Blow . Built to 8.50". Decreasing. (180)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
57.00	GHOCM 59%g 35%o 6%m	0.43
114.00	GHOCM 50%g 43%o 7%m	0.87
128.00	GHOCM 13%g 82%o 5%m	1.80
64.00	GHOCM 35%g 60%o 5%m	0.90
118.00	CO 100%o	1.66

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	12.92	10.22
Last Gas Rate	0.13	15.79	11.30
Max. Gas Rate	0.13	16.73	11.65



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

22-28s-26w Ford,KS
Molly #1-22
Job Ticket: 68685 **DST#: 3**
Test Start: 2022.10.08 @ 02:09:34

Tool Information

Drill Pipe:	Length: 5070.00 ft	Diameter: 3.80 inches	Volume: 71.12 bbl	Tool Weight: 2100.00 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: 171.00 ft	Diameter: 2.80 inches	Volume: 1.30 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 72.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5241.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer.

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5211.00	
Shut In Tool	5.00			5216.00	
Hydraulic tool	5.00			5221.00	
Jars	5.00			5226.00	
EMT	3.00			5229.00	
Safety Joint	3.00			5232.00	
Packer	4.00			5236.00	31.00 Bottom Of Top Packer
Packer	5.00			5241.00	
Stubb	1.00			5242.00	
Recorder	0.00	8788	Inside	5242.00	
Recorder	0.00	8737	Outside	5242.00	
Perforations	2.00			5244.00	
Change Over Sub	1.00			5245.00	
Blank Spacing	31.00			5276.00	
Change Over Sub	1.00			5277.00	
Bullnose	3.00			5280.00	39.00 Bottom Packers & Anchor
Total Tool Length:	70.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68685 **DST#: 3**
 Test Start: 2022.10.08 @ 02:09:34

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:	5300 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
57.00	GHOCM 59%g 35%o 6%m	0.434
114.00	GHOCM 50%g 43%o 7%m	0.868
128.00	GHOCM 13%g 82%o 5%m	1.796
64.00	GHOCM 35%g 60%o 5%m	0.898
118.00	CO 100%o	1.655

Total Length: 481.00 ft Total Volume: 5.651 bbl
 Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #: Hosco
 Laboratory Name: Laboratory Location:
 Recovery Comments: Gravity w as 45 @ 62 Degrees = 44.8 @ 60 Degrees Corrected.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Carmen Schmitt, Inc

22-28s-26w Ford,KS

PO Box 47
Great Bend, KS 67530

Molly #1-22

Job Ticket: 68685

DST#: 3

ATTN: Brad Rine

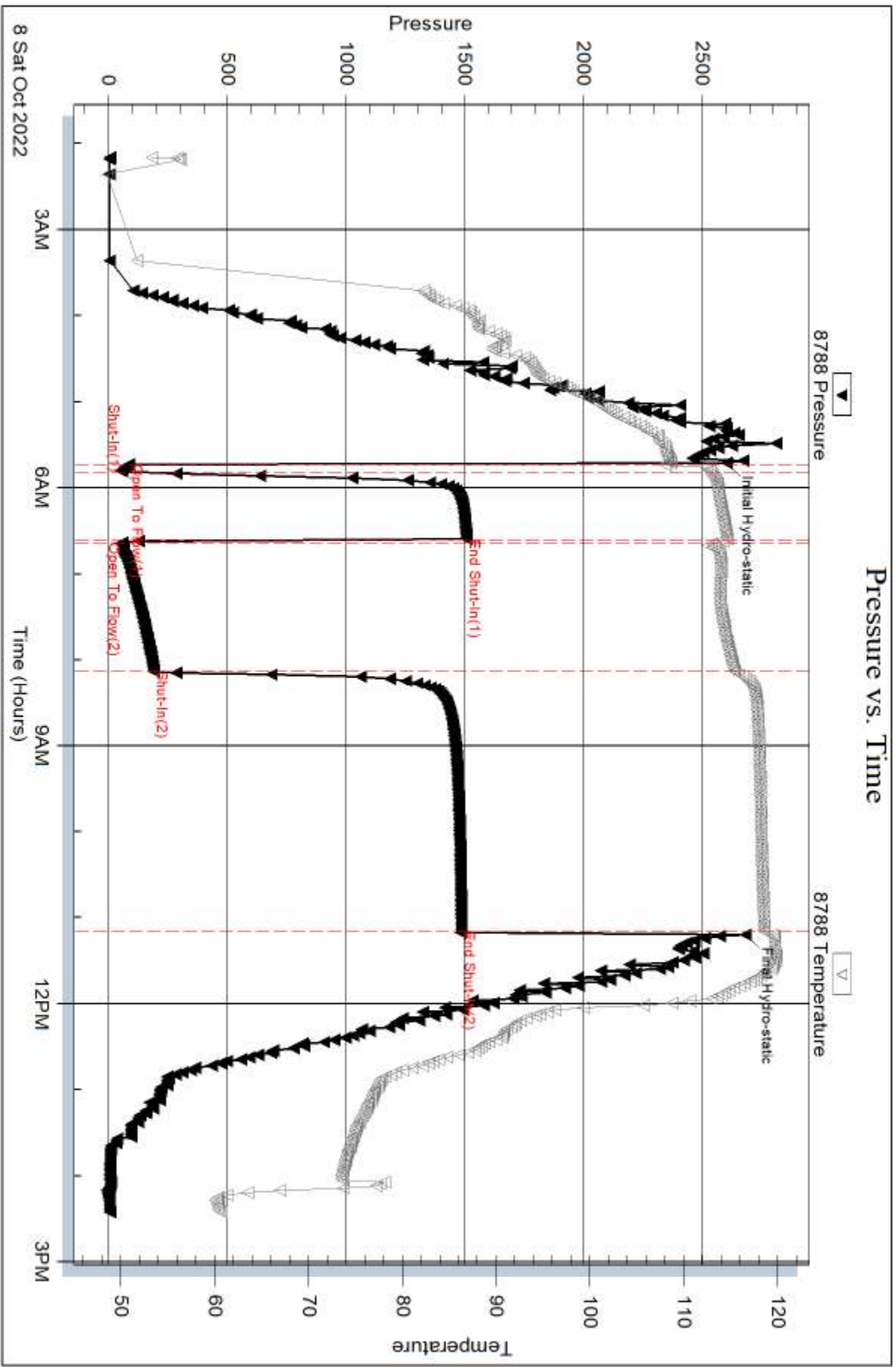
Test Start: 2022.10.08 @ 02:09:34

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	21	0.13	12.92	10.22
2	30	0.13	14.13	10.68
2	40	0.13	15.30	11.12
2	50	0.13	16.49	11.56
2	60	0.13	16.73	11.65
2	70	0.13	16.48	11.56
2	80	0.13	16.22	11.46
2	90	0.13	15.79	11.30

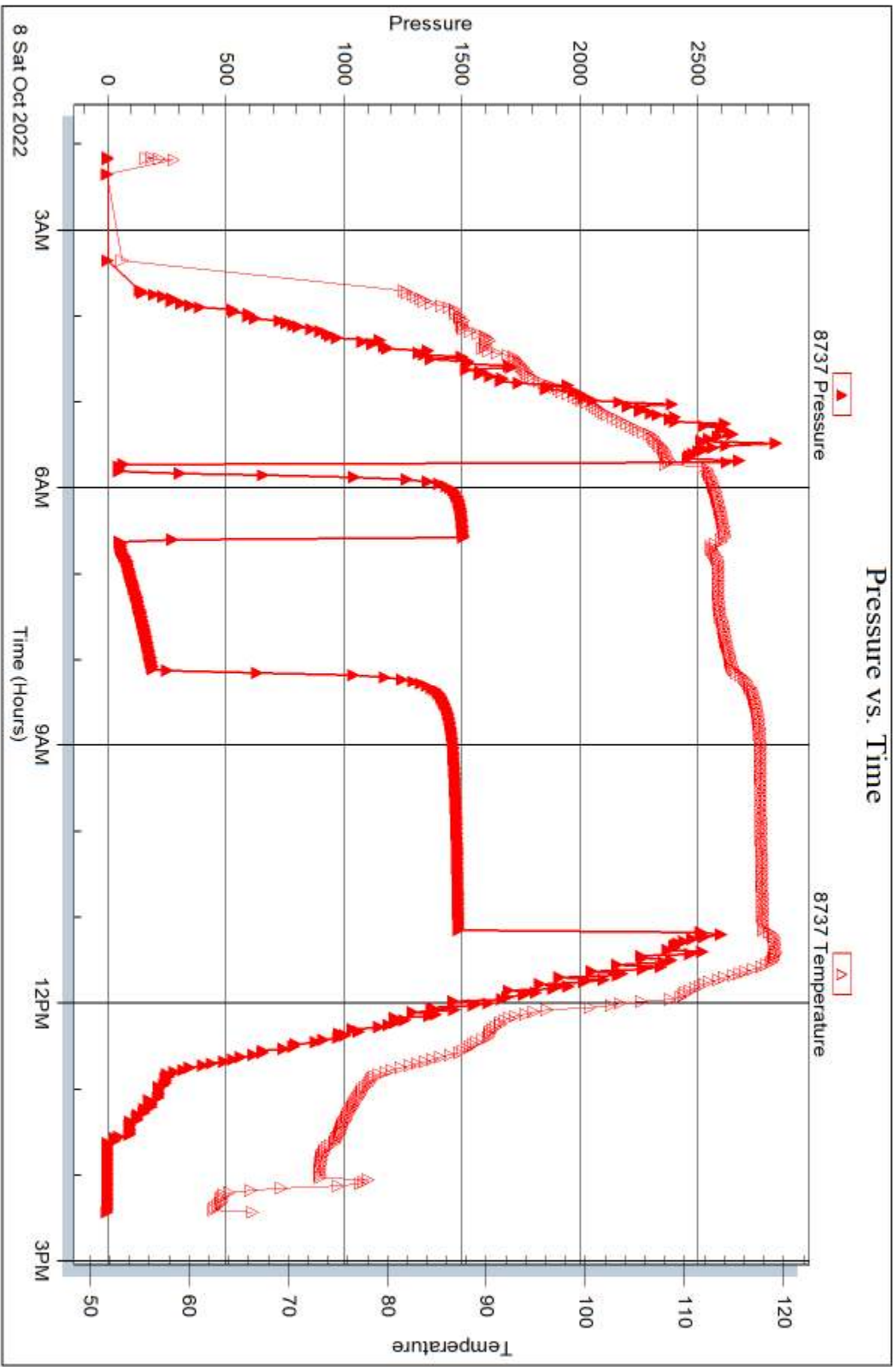


Serial #: 8737

Outside Carmen Schmitt, Inc

Molly #1-22

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt, Inc**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Molly #1-22

22-28s-26w Ford,KS

Start Date: 2022.10.09 @ 01:32:54

End Date: 2022.10.09 @ 08:50:39

Job Ticket #: 68686 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.12 @ 14:30:02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

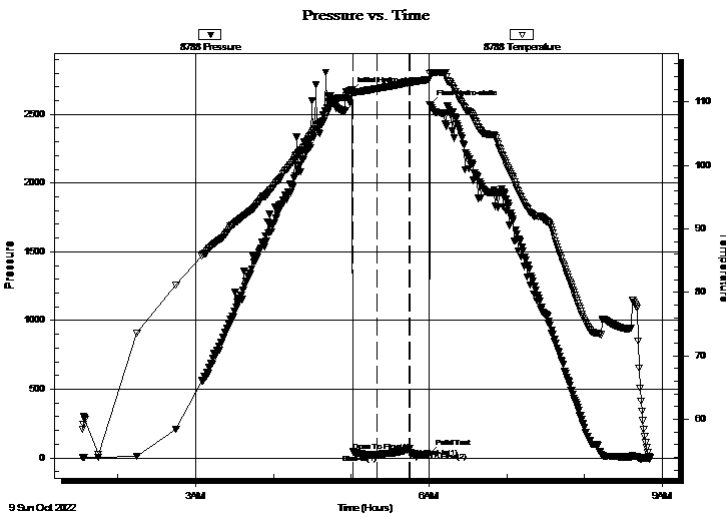
22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68686 **DST#: 4**
 Test Start: 2022.10.09 @ 01:32:54

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:01:24
 Time Test Ended: 08:50:39
 Interval: **5280.00 ft (KB) To 5300.00 ft (KB) (TVD)**
 Total Depth: 5300.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 68
 Reference Elevations: 2689.00 ft (KB)
 2681.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8788 Inside
 Press@RunDepth: 26.61 psig @ 5281.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.09 End Date: 2022.10.09 Last Calib.: 2022.10.09
 Start Time: 01:32:59 End Time: 08:50:38 Time On Btm: 2022.10.09 @ 04:59:54
 Time Off Btm: 2022.10.09 @ 06:00:39

TEST COMMENT: IF: Weak Blow . Surface to a 1/2", Before Decreasing Back to Surface Blow . (15)
 IS: No Blow . (30)
 FF: No Blow . Pulled Test. (10)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2666.24	111.88	Initial Hydro-static
2	46.76	111.44	Open To Flow (1)
20	26.61	112.10	Shut-In(1)
45	67.62	113.06	End Shut-In(1)
46	40.68	113.07	Open To Flow (2)
61	24.26	113.58	Pulld Test
61	2571.02	114.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	OSM 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

22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68686 **DST#: 4**
 Test Start: 2022.10.09 @ 01:32:54

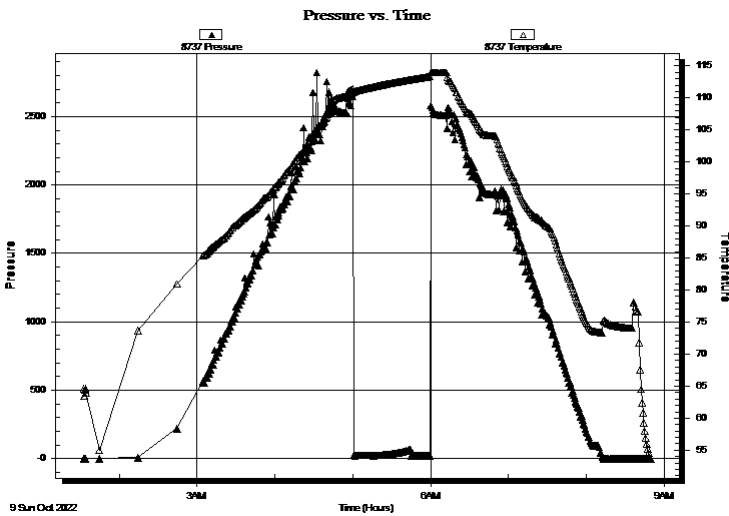
GENERAL INFORMATION:

Formation: Mississippi			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 05:01:24		Tester: Matt Smith	
Time Test Ended: 08:50:39		Unit No: 68	
Interval: 5280.00 ft (KB) To 5300.00 ft (KB) (TVD)		Reference Elevations: 2689.00 ft (KB)	
Total Depth: 5300.00 ft (KB) (TVD)		2681.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 8.00 ft	

Serial #: 8737 Outside

Press@RunDepth:	psig @ 5281.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2022.10.09	End Date:	2022.10.09
Start Time:	01:32:31	End Time:	08:50:10
		Last Calib.:	2022.10.09
		Time On Btm:	
		Time Off Btm:	

TEST COMMENT: IF: Weak Blow . Surface to a 1/2", Before Decreasing Back to Surface Blow . (15)
 IS: No Blow . (30)
 FF: No Blow . Pulled Test. (10)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	OSM 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
 PO Box 47
 Great Bend, KS 67530
 ATTN: Brad Rine

22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68686 **DST#: 4**
 Test Start: 2022.10.09 @ 01:32:54

Tool Information

Drill Pipe:	Length: 5102.00 ft	Diameter: 3.80 inches	Volume: 71.57 bbl	Tool Weight: 2100.00 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: 171.00 ft	Diameter: 2.80 inches	Volume: 1.30 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 72.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5280.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer.

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

Change Over Sub	1.00			5250.00	
Shut In Tool	5.00			5255.00	
Hydraulic tool	5.00			5260.00	
Jars	5.00			5265.00	
EMT	3.00			5268.00	
Safety Joint	3.00			5271.00	
Packer	4.00			5275.00	31.00 Bottom Of Top Packer
Packer	5.00			5280.00	
Stubb	1.00			5281.00	
Recorder	0.00	8788	Inside	5281.00	
Recorder	0.00	8737	Outside	5281.00	
Perforations	16.00			5297.00	
Bullnose	3.00			5300.00	20.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

22-28s-26w Ford,KS
Molly #1-22
 Job Ticket: 68686 **DST#: 4**
 Test Start: 2022.10.09 @ 01:32:54

Mud and Cushion Information

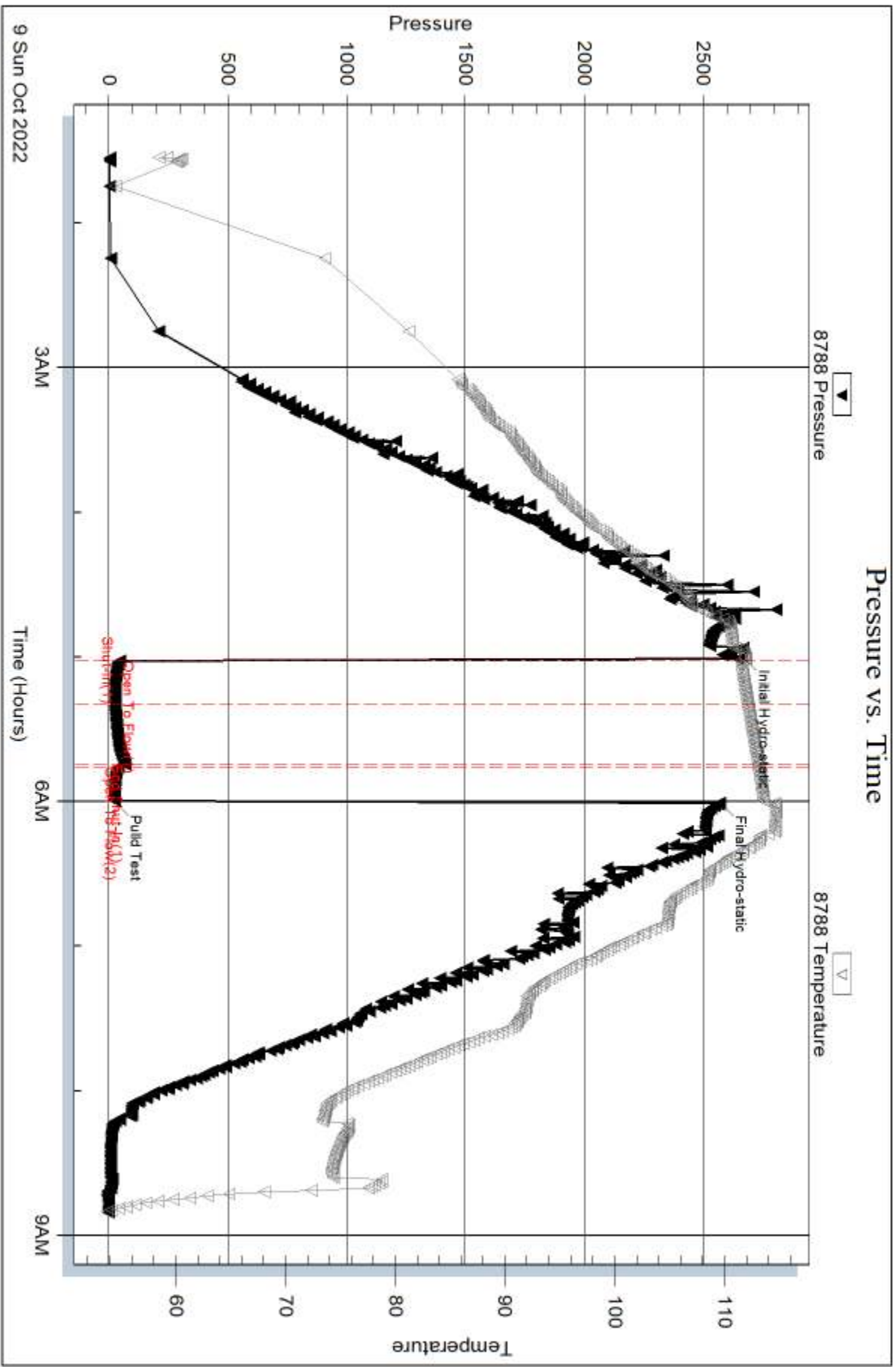
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	7500 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: 0.20 inches			

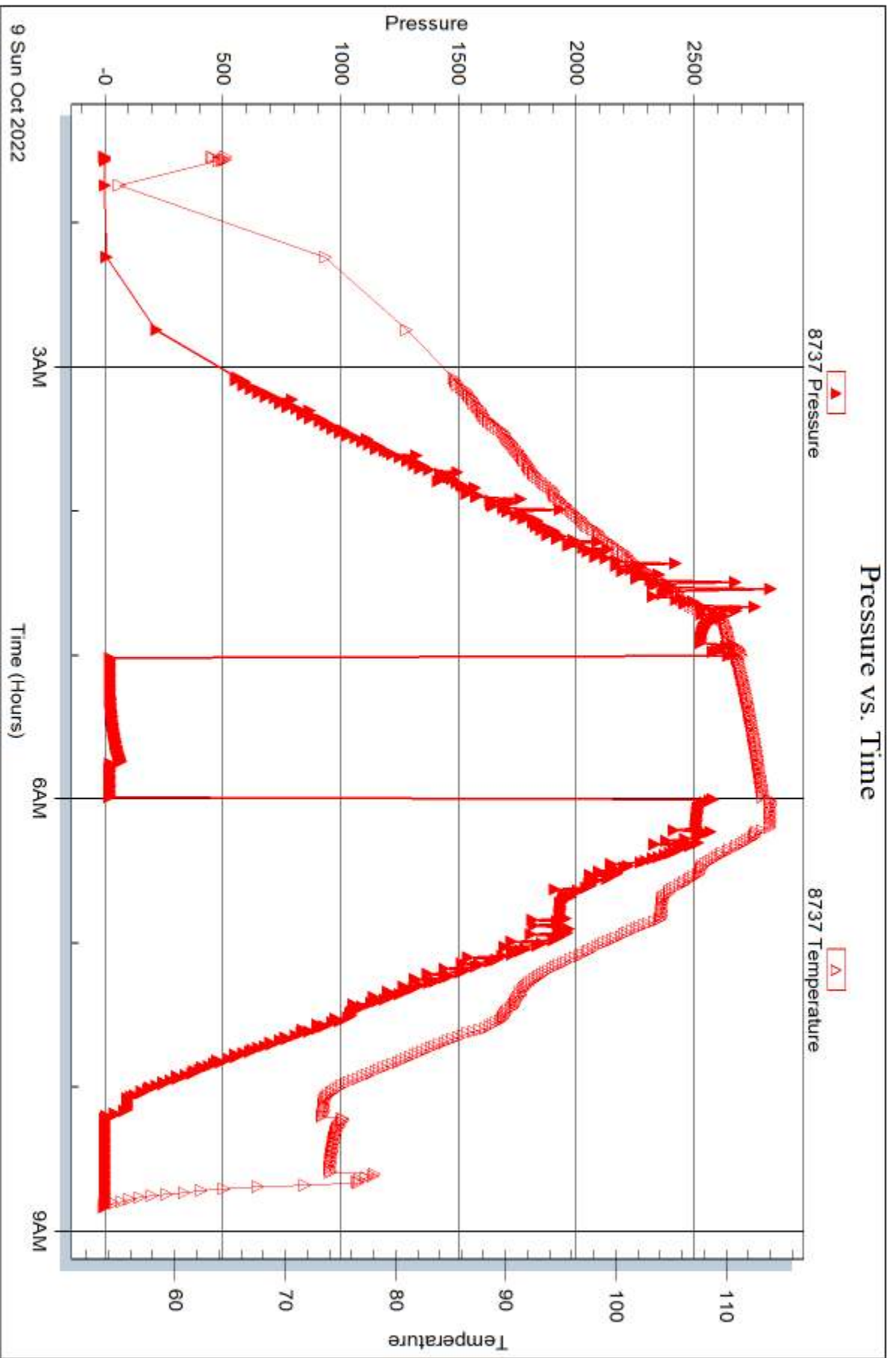
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	OSM 100%m	0.015

Total Length: 2.00 ft Total Volume: 0.015 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: None
 Laboratory Name: Laboratory Location:
 Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68683

Well Name & No. Molly 1-22 Test No. 1 Date 10/5/22
 Company Carmen Schmitt, Inc. Elevation 2689 KB 2681 GL
 Address PO Box 47 Great Bend, KS 67530
 Co. Rep / Geo. Brad Rine Rig Murkin 114
 Location: Sec. 22 Twp 28S Rge. 26W Co. Ford State KS.

Interval Tested 5004 - 5050 Zone Tested Rawhee
 Anchor Length 46' Drill Pipe Run 4817 Mud Wt. 9.3
 Top Packer Depth 4999 Drill Collars Run 171 Vis 52
 Bottom Packer Depth 5004 Wt. Pipe Run 20 WL 9.6
 Total Depth 5050 Chlorides 5,500 ppm System LCM 2 1/2*

Blow Description IF: Weak Blow, Built to 1 1/4" in the Bucket.
ISI: No Blow, In the Bucket.
FF: Weak Blow, Built to 2 3/4" in the Bucket.
FSI: No Blow, In the Bucket.

Rec	Feet of	%gas	%oil	%water	%mud
<u>242</u>	<u>GIP</u>	<u>100</u>			
<u>10</u>	<u>GUSOCM</u>	<u>2</u>	<u>3</u>		<u>95</u>
<u>60</u>	<u>GUSOWCM</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>85</u>
<u>60</u>	<u>GUSOWCM</u>	<u>5</u>	<u>1</u>	<u>39</u>	<u>55</u>

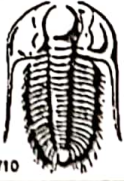
Rec Total 130' Fluid BHT 109° Gravity N/A API RW .28 @ 76 °F Chlorides 23000 ppm

(A) Initial Hydrostatic 2546 Test 2150 T-On Location 0430
 (B) First Initial Flow 69 Jars 300 T-Started 0727
 (C) First Final Flow 52 Safety Joint _____ T-Open 1018
 (D) Initial Shut-In 1480 Circ Sub _____ T-Pulled 1345
 (E) Second Initial Flow 82 Hourly Standby _____ T-Out 1614
 (F) Second Final Flow 91 Mileage (176) PRM 264 Comments *Motel Stay (etc)
 (G) Final Shut-In 1486 Sampler _____ ~~_____~~
 (H) Final Hydrostatic 2390 Straddle _____ EM Tool -350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 2364

Initial Open 15
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 90

Sub Total 2714 MP/DST Disc't _____
 Our Representative Matthew Smith

Approved By _____
 Trilobite 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68684

Well Name & No. Molly 1-22 Test No. 2 Date 10/07/22
 Company Carmen Schmitt Elevation 2689 KB 2681 (2641) GL
 Address P.O. Box 47 Great Bend, KS, 67530
 Co. Rep / Geo. BRAD RINE Rig Murkin 114
 Location: Sec. 22 Twp 28S Rge. 2W Co. Ford State KS

Interval Tested 5163 - 5242 Zone Tested Cherokee, Morrow, + Miss
 Anchor Length 791 Drill Pipe Run 4975 Mud Wt. 9.1
 Top Packer Depth 5158 Drill Collars Run 171 Vis 58
 Bottom Packer Depth 5163 Wt. Pipe Run 6 WL 9.2
 Total Depth 5242 Chlorides 6550 ppm System LCM 2

Blow Description IF: Strong Blow. B.O.B. in 4 mins. BWH to 50.72".
ISI: No Blow.
FF: Strong Blow. B.O.B. in 20 secs. BWH to 224.32".
FSI: No Blow.

Rec	Feet of	%gas	%oil	%water	%mud
1240	GSP	100			
20	GDM	2			98

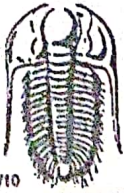
Rec Total 20' Fluid BHT 109° Gravity N/A API RW N/A @ — °F Chlorides 6550 ppm
 (A) Initial Hydrostatic 2595 Test 2150
 (B) First Initial Flow 68 Jars 300
 (C) First Final Flow 42 Safety Joint
 (D) Initial Shut-In 874 Circ Sub
 (E) Second Initial Flow 48 Hourly Standby
 (F) Second Final Flow 33 Mileage (170) Pratt 264
 (G) Final Shut-In 1266 Sampler
 (H) Final Hydrostatic 2428 Straddle
 Shale Packer 250
 Extra Packer
 Extra Recorder
 Day Standby 1d 9h
 Accessibility
 Sub Total 2964

T-On Location 0110
 T-Started 0215
 T-Open 0650
 T-Pulled 1015
 T-Out 1240
 Comments # Moke Stay (c.c.)
* Shale Packer
 EM Tool -350
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 300 - 350
 Total 2914

Initial Open 15
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 90

Approved By _____ Our Representative Matthew J. Smith

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68685**

Well Name & No. Molly 1-22 Test No. 3 Date 10/08/22
 Company Caemen Schmitt Inc. Elevation 2689 KB 2681 GL
 Address P.O. Box 47 Great Bend, Kansas 67530
 Co. Rep / Geo. Brad Rine Rig Martin 114
 Location: Sec. 22 Twp 28s Rge. 26w Co. Ford State KS.

Interval Tested 5241 - 5280 Zone Tested Mississippi
 Anchor Length 39' Drill Pipe Run 5070 Mud Wt. 9.2
 Top Packer Depth 5236 Drill Collars Run 171 Vis 50
 Bottom Packer Depth 5241 Wt. Pipe Run 0 WL 9.2
 Total Depth 5280 Chlorides 5300 ppm System LCM 2⁴

Blow Description IF: Strong Blow. B.U.B. in 1 min. Built to 124.60".
ISI: No Blow.

FF: Strong Blow. B.U.B. immediate. G.T.S. in 21 mins. Built to 462.08."

FSI: Fair Blow. Built to 8.50." Decreasing.

Rec	Feet of	%gas	%oil	%water	%mud
<u>118</u>	<u>CO</u>	<u>100</u>			
<u>64</u>	<u>GA0cm</u>	<u>35</u>	<u>60</u>		<u>5</u>
<u>128</u>	<u>GA0cm</u>	<u>13</u>	<u>82</u>		<u>5</u>
<u>114</u>	<u>GA0cm</u>	<u>50</u>	<u>43</u>		<u>7</u>
<u>57</u>	<u>GA0cm</u>	<u>59</u>	<u>35</u>		<u>6</u>

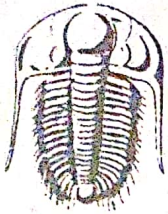
Rec Total 481' Fluid BHT 109° Gravity 44.8 @ 60 API RW N/A @ — °F Chlorides 5300 ppm

(A) Initial Hydrostatic 2603 Test 2150 T-On Location 0145
 (B) First Initial Flow 86 Jars 300 T-Started 0209
 (C) First Final Flow 56 Safety Joint _____ T-Open 0543
 (D) Initial Shut-In 1510 Circ Sub _____ T-Pulled 1115
 (E) Second Initial Flow 57 Hourly Standby _____ T-Out 1426
 (F) Second Final Flow 191 Mileage (176) Pratt 264 Comments * Motel Stay *
 (G) Final Shut-In 1488 Sampler _____
 (H) Final Hydrostatic 2684 Straddle _____ EM Tool -350
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Recorder _____
 Extra Copies _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 2614

Initial Open 5
 Initial Shut-In 45
 Final Flow 90
 Final Shut-In 180
 Sub Total 2964 MP/DST Disc't _____

Approved By _____ Our Representative Matthew J. Spaul

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601 • (785) 625-4778

10/08/22
Ticket #
68685

GAS VOLUME REPORT

Caemen Schmitt Inc Murphy 114 Molly 1-22 (23-285 - New Ford, Ks)

OPERATOR

WELL NAME AND NO.

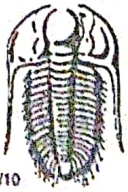
3
DST NO.

IF:

FF:

Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	ATMS MCF/D 2000
				21	12.92	1/8"	10.23
				30	14.13	1/8"	10.68
				40	15.30	1/8"	11.12
				50	16.43	1/8"	11.54
				60	16.73	1/8"	11.65
				70	16.48	1/8"	11.56
				80	16.22	1/8"	11.46
				90	15.79	1/8"	11.30

Remarks:



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68686**

Well Name & No. Molly 1-22 Test No. 4 Date 10/09/22
 Company Carmen Schmitt Inc. Elevation 2689 KB 2681 GL
 Address P.O. Box 47 Great Bend, Ks. 67530
 Co. Rep / Geo. BRAD RINE Rig Murfin 114
 Location: Sec. 22 Twp 28s Rge. 26w Co. FORD State KS.

Interval Tested 5280 - 5300 Zone Tested Mississippi
 Anchor Length 20' Drill Pipe Run 5102 Mud Wt. 9.3
 Top Packer Depth 5275 Drill Collars Run 171 Vis 48
 Bottom Packer Depth 5280 Wt. Pipe Run 2 WL 104
 Total Depth 5300 Chlorides 7500 ppm System LCM 2nd
 Blow Description IF: Weak Blow. Surface to 1/2", Before Decreasing back to Surface Blow.
ISI: No Blow.
FF: No Blow. Pulled Test.

Rec	Feet of	%gas	%oil	%water	%mud
2	OSM			100	

Rec Total 2' Fluid BHT 119 Gravity N/A API RW N/A @ — °F Chlorides 7500 ppm

(A) Initial Hydrostatic <u>2667</u>	<input checked="" type="checkbox"/> Test <u>2150</u>	T-On Location <u>0109</u>
(B) First Initial Flow <u>47</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>0132</u>
(C) First Final Flow <u>27</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0501</u>
(D) Initial Shut-In <u>68</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0602</u>
(E) Second Initial Flow <u>41</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0850</u>
(F) Second Final Flow <u>24 - Pulled</u>	<input checked="" type="checkbox"/> Mileage <u>(176)⁹ Pratt 264</u>	Comments <u>* Model Stay *</u>
(G) Final Shut-In <u>N/A</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2571</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>-350</u>
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Flow <u>10</u>	<input type="checkbox"/> Day Standby	Sub Total <u>-350</u>
Final Shut-In <u>20</u>	<input type="checkbox"/> Accessibility	Total <u>2614</u>
	Sub Total <u>2964</u>	MP/DST Disc't

Approved By _____ Our Representative Matthew A. Smith
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