

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](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	RINEY TRUST 2-23
Doc ID	1469895

All Electric Logs Run

Array Induction Shallow Focused Log
Compact Photo-Density Dual Spaced Neutron Log
Compensated Sonic Log
Micro-Resistivity Log
Caliper Log

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	RINEY TRUST 2-23
Doc ID	1469895

Tops

Name	Top	Datum
B/Anhydrite	2327	+659
Heebner Sh	3902	-916
Lansing	3949	-963
Mun Crk Sh	4116	-1130
Stark Sh	4225	-1239
Marm 'B'	4353	-1367
Lwr Ck Sh	4504	-1518
Mw Sh	4569	-1583
Miss	4586	-1600





Well File

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1003965	1718	07/22/2019
INVOICE NUMBER			
93014380			

Pratt (620) 672-1201  
 B STELBAR OIL CORPORATION INC  
 I 1625 N WATERFRONT PKWY STE 200  
 L WICHITA  
 L KS US 67206  
 T  
 O ATTN: ACCOUNTS PAYABLE

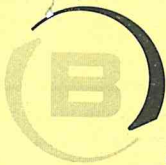
J LEASE NAME RINEY TRUST #2-23  
 O LOCATION  
 B COUNTY SCOTT  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41184231			Net - 30 days	08/21/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 07/19/2019 to 07/19/2019</i>				
0041184231				
171818096A Cement-New Well Casing/Pi 07/19/2019				
8 5/8" SURFACE				
60/40 Poz	230.00	SK	12.96	2,980.80 T
Calcium Chloride	594.00	LB	0.48	285.12 T
Celloflake	58.00	LB	1.92	111.36 T
Light Vehicle Mileage	100.00	MI	2.40	240.00
Heavy Equipment Mileage	200.00	MI	3.84	768.00
Plug Container Utilization Charge	1.00	EA	120.00	120.00
Depth Charge, 0'-1000'	1.00	HR	576.00	576.00
230 SK -Blending & Mixing Service Charge	1.00	SK	154.56	154.56
Wooden Cement Plug, 8 5/8"	1.00	EA	76.80	76.80
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	2.00	EA	35.00	70.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,457.64
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	287.07
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,744.71
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		





**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 18096 A

7/19/19 DATE TICKET NO. 18096

Total Man hours 55

DATE OF JOB: 7-19-19	DISTRICT: Pratt KS #1718	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER: Stelbar Oil Corp		LEASE: Riney Trust -2-23		WELL NO.:					
ADDRESS:		COUNTY: Scott		STATE: Kansas					
CITY:		STATE:		SERVICE CREW: Carl B, Eddie M, Wade B					
AUTHORIZED BY:		JOB TYPE: 2-42 8 1/8 surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
84980-20920	.50					7-18-19	7-18-19	PM	8:00
19903-73768	.50						7-19-19	AM	12:00
								PM	6:00 AM
								AM	6:30
								PM	7:00
								AM	
								PM	
									MILES FROM STATION TO WELL: 100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Alan Lofka*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
BC 132	60/40/Poz	SX	230		6210 -
CC 109	Calcium chloride	lb	594		594 -
CC 102	Cellulose Flake	lb	58		232 -
ME 101	Light Vehicle Mileage	Mi	100		500 -
ME 102	Heavy Equipment Mileage	Mi	200		1600 -
CS 504	Plug Container Utilization Charge	ea	1		250 -
CF-1	Depth Charge 0-1600'	HR	1		1200 -
CF 240	Blending + Mixing Charge	SX	230		322 -
CF 153	Wooden Cement Plug	ea	1		160 -
BS 143	Service Supervisor Charge	ea	1		75 -
BS 144	Driver Charge	ea	2		70 -

CHEMICAL / ACID DATA:			

		SUB TOTAL	11,213	-
SERVICE & EQUIPMENT	%TAX ON \$			
MATERIALS	%TAX ON \$			
		TOTAL	5457	4

SERVICE REPRESENTATIVE: <i>Carl Balding</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Alan Lofka</i>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



Customer <i>Stellar Oil Corp</i>	Lease No. <i>55</i>	Date <i>7-19-19</i>	
Lease <i>Kiney Trust</i>	Well # <i>2-23</i>		
Field Order # <i>13086</i>	Station <i>Pratt KS 7718</i>	Casing <i>3 1/2</i>	Depth <i>310</i>
Type Job <i>Surface</i>	Formation	County <i>Pratt</i>	State <i>Kansas</i>
		Legal Description <i>73-185-32W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>3 1/2</i>								
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
<i>310</i>								
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>Justin Workman</i>	Treater <i>Carol Baldwin</i>
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Service Units	<i>51950</i>	<i>20920</i>	<i>14405</i>	<i>7705</i>						
Driver Names	<i>Shane M</i>	<i>Worce</i>	<i>B</i>							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:00 AM</i>					<i>On location 7-19-19</i>
					<i>Safety meeting</i>
					<i>Rig up</i>
					<i>Run 8 TB</i>
<i>5:45 AM</i>					<i>Back circulation w/ Rig up</i>
<i>6:00 AM</i>					<i>Start Flush</i>
	<i>150</i>		<i>49 1/2</i>	<i>4</i>	<i>Mix 230 - 5% CO<sub>2</sub> - 1% additives</i>
	<i>100</i>		<i>15 1/2</i>	<i>3</i>	<i>Displace w/ 18% Bbls water</i>
<i>6:30 AM</i>					<i>least 20' cement in casing</i>
					<i>hold in</i>
					<i>Removal Decirculate</i>





PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1003965	1718	07/29/2019
<b>INVOICE NUMBER</b>			
<b>93018405</b>			

Pratt (620) 672-1201  
 B STELBAR OIL CORPORATION INC  
 1625 N WATERFRONT PKWY STE 200  
 L WICHITA  
 L KS US 67206  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME RINEY TRUST 2-23  
 O LOCATION  
 B COUNTY SCOTT  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41184767	84980		Net - 30 days	08/28/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 07/25/2019 to 07/25/2019</i>				
0041184767				
171818154A Cement-New Well Casing/Pi 07/25/2019 PLUG TO ABANDON				
60/40 Poz	300.00	SK	14.04	4,212.00 T
Calcium Chloride	516.00	LB	0.52	268.32 T
Celloflake	75.00	LB	2.08	156.00 T
Light Vehicle Mileage	100.00	MI	2.60	260.00
Heavy Equipment Mileage	200.00	MI	4.16	832.00
Depth Charge, 2001'-3000'	1.00	HR	936.00	936.00
Blending & Mixing Service Charge	1.00	SK	218.40	218.40
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	3.00	EA	35.00	105.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,062.72
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	394.09
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	7,456.81
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		









Customer STECBAR OIL	Lease No.	Date 7-25-2019
Lease RINEH TRUST	Well # 2-23	
Field Order # 18154	Station TRATT	Casing
Type Job P.T.A.	Formation	Depth
		County SCOTT
		State KS
		Legal Description 23-185-32W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	300 SKS	Acid	60/40 POZ	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative ALAN	Station Manager J.W.	Treater K. LESLEY
Service Units 910817 44990 20920 19940 21010		
Driver Names LESLEY MAROLET — BROWN —		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:30 PM					ON LOCATION - SAFETY MEETING
					*1 <sup>ST</sup> PLUG @ 2380' w/50 SKS
3:15 PM	200		5	5	H <sub>2</sub> O AHEAD
3:30 PM	200		12.7	5	MIX 50 SKS CMT @ 14.8 PPG
3:33 PM	200		10	5	H <sub>2</sub> O BEHIND
3:45 PM	200		64	5	MUD DISPLACEMENT
					*2 <sup>ND</sup> PLUG @ 1550' w/80 SKS
4:35 PM	100		5	5	H <sub>2</sub> O AHEAD
4:42 PM	0		20	5	MIX 80 SKS CMT @ 14.8 PPG
4:43 PM	0		5	5	H <sub>2</sub> O BEHIND
4:45 PM	0		11.5	5	MUD DISPLACEMENT
					*3 <sup>RD</sup> PLUG @ 750' w/50 SKS
5:10 PM	0		5	4	H <sub>2</sub> O AHEAD
5:14 PM	0		12.7	4	MIX 50 SKS CMT @ 14.8 PPG
5:15 PM	0		7	4	H <sub>2</sub> O BEHIND
					*4 <sup>TH</sup> PLUG @ 330' w/50 SKS
5:45 PM	0		12.7	4	MIX 50 SKS CMT @ 14.8 PPG
5:48 PM	0		1	4	H <sub>2</sub> O BEHIND
6:00 PM	0		5	2	*MIX 20 SKS @ 60' TO SURFACE
6:45 PM	0		7.5	2	PLUG R.H. & M.H.
					JOB COMPLETE
					THANKS - KEVEN

# GEOLOGIC REPORT

## DAVID J. GOLDAK

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

Well Name: Riney Trust #2-23  
API: 15-171-21257-0000  
Location: Section 23 - T18S - R32W  
License Number: \_\_\_\_\_  
Spud Date: 07 / 18 / 2019  
Surface Coordinates: 1338' FNL and 1773' FEL  
NW - NE - SW - NE  
Region: Scott Co., KS  
Drilling Completed: 07 / 25 / 2019  
Bottom Hole Coordinates: \_\_\_\_\_  
Ground Elevation (ft): 2973' K.B. Elevation (ft): 2986'  
Logged Interval (ft): 3700' To: 4666' Total Depth (ft): 4666'  
Formation: Mississippian - St Louis  
Type of Drilling Fluid: Chemical - Mud-Co

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

### OPERATOR

Company: Stelbar Oil Corporation  
Address: 1625 N. Waterfront Pkwy., Suite 200  
Wichita, Kansas 67206-6602

### GEOLOGIST

Name: David J. Goldak  
Company: D. J. GOLDAK, INC.  
Address: 12427 W Ridgepoint Cir  
Wichita, Kansas 67235

### General Info

CONTRACTOR: Sterling Drilling, Rig #5

#### BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	JZ-HAOTC	4-16s	315'	315'	3.00
2	7-7/8	Taurex-TXT516	5-15s	4666'	4351'	63.00

SURVEYS: 315'-0.75, 4182'-2.00, 4410'-1.50, 4666'-1.50

#### GENERAL DRILLING & PUMP INFORMATION:

Collars: 18 joints (6.25"x2.25"): 530.14'  
Drilling: 14,000-16,000 lbs on bit and 90-100 RPM.  
Pumping: 65 S/M; 9.6 B/M; 800-900 psi at the standpipe.

## Daily Status

07/18/19 - Spud at 7:00 PM; Set 8-5/8" csg @ 311'  
 07/19/19 - 315' WOC; DP @ 2:45 PM  
 07/20/19 - 1,575' Drilling  
 07/21/19 - 3,248' Drilling; Displace drilling fluids @ 3,440'  
 07/22/19 - 4,182' Prep for DST #1  
 07/23/19 - 4,269' TIH w/ DST #2  
 07/24/19 - 4,410' DST #3 in progress; TD 4,666' @ 10:20 PM  
 07/25/19 - 4,666' Logging; Plug well

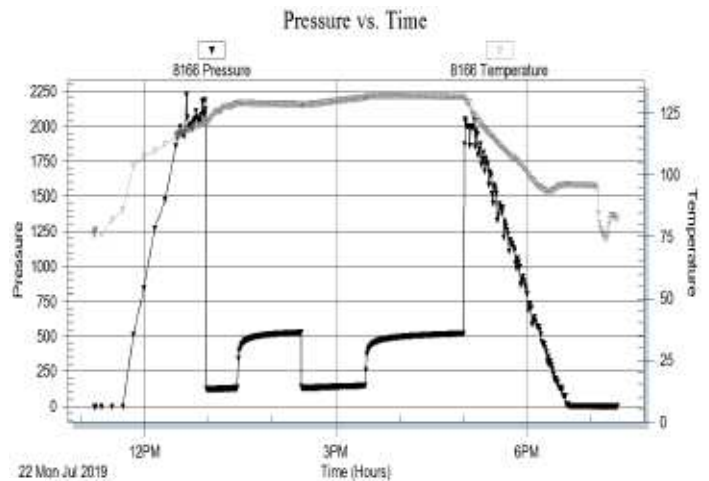
	Log Tops	Sample Tops
Anhydrite	2264 (+722)	2265 (+721)
Base / Anhydrite	2325 (+661)	2327 (+659)
Lecompton	3793 (-807)	3796 (-810)
Oread	3839 (-853)	3842 (-856)
Heebner	3900 (-914)	3902 (-916)
Lansing	3946 (-960)	3949 (-963)
Muncie Creek	4114 (-1128)	4116 (-1130)
Stark Sh	4223 (-1237)	4225 (-1239)
Hushpuckney Sh	4258 (-1272)	4260 (-1274)
Base of KC	4320 (-1334)	4326 (-1340)
Marmaton	4340 (-1354)	4342 (-1356)
Pawnee	4428 (-1442)	4432 (-1446)
Cherokee Sh	4472 (-1486)	4475 (-1489)
Lower Cher Sh	4500 (-1514)	4504 (-1518)
Johnson Zone	4531 (-1545)	4535 (-1549)
Morrow Sh	4565 (-1579)	4569 (-1583)
Mississippian	4583 (-1597)	4586 (-1600)
Total Depth	4663 (-1677)	4666 (-1680)

**DST #1: 4,169' - 4,182' (LKC "I")**  
 30" - 60" - 60" - 90"

**IF: Blow building to 2 inches**  
**ISI: No return blow**  
**FF: Blow building to 2.5 inches**  
**FSI: No return blow**

**RECOVERY: 272' Total Fluid, consisting of:**  
 83' OCM (10% O, 90% M)  
 126' OCWM (5% O, 10% W, 85% M)  
 63' MCW (80% W, 20% M); Chlorides: 22,000 ppm  
 Sampler: 1000 ml M, 1000 ml W & Oil spots @ 5 psi

**SIP: 525-518; FP: 123-127, 133-143; HP: 2186-2050; BHT: 131**



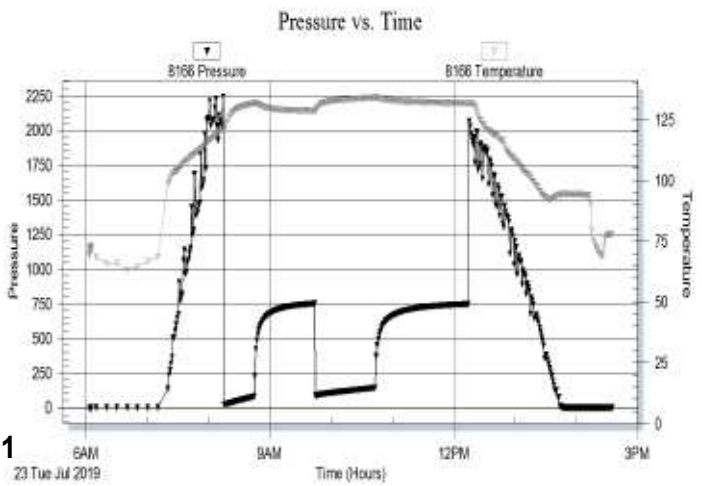


**DST #2: 4,229' - 4,247' (LKC "K")**  
**30" - 60" - 60" - 90"**

**IF: Blow building to 6.5 inches**  
**ISI: No return blow**  
**FF: Blow building to 9.5 inches**  
**FSI: No return blow**

**RECOVERY: 302' Total Fluid, consisting of:**  
**302' SMCW (92% W, 8% M); Chlorides: 37,000 ppm**  
**Sampler: 200 ml Mud and 1800 ml Water @ 65 psi**

**SIP: 751-746; FP: 20-79, 82-142; HP: 2243-2069; BHT: 131**

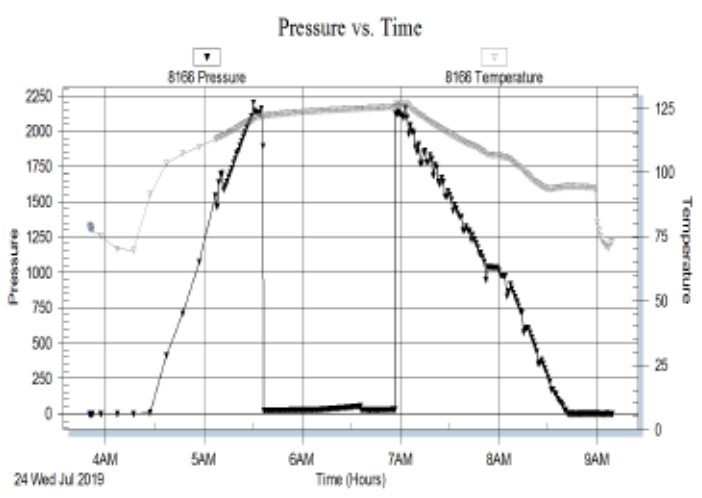


**DST #3: 4,364' - 4,410' (Marmaton)**  
**30" - 30" - 10" - 10"**



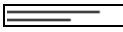

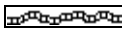



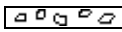



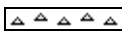



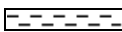
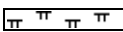



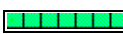



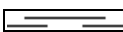

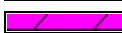
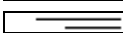

**IF: Blow building to 0.6 in., then decr to 0.5 in.**  
**ISI: No return blow**  
**FF: No blow**  
**FSI: No return blow**

**RECOVERY: 5' Total Fluid, consisting of:**  
**5' OSM (100% Mud)**  
**Sampler: 2000 ml Mud @ 2 psi**

**SIP: 50-27; FP: 18-22, 23-22; HP: 2159-2139; BHT: 125**



**ROCK TYPES**

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

### ACCESSORIES

#### MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr



- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Silty

#### FOSSIL

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



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

#### STRINGER

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



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

#### TEXTURE

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

### OTHER SYMBOLS

#### POROSITY TYPE

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

#### SORTING

- Well
- Moderate
- Poor

#### ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

#### OIL SHOWS

- Even
- Spotted
- Ques
- Dead
- Gas show

#### INTERVALS

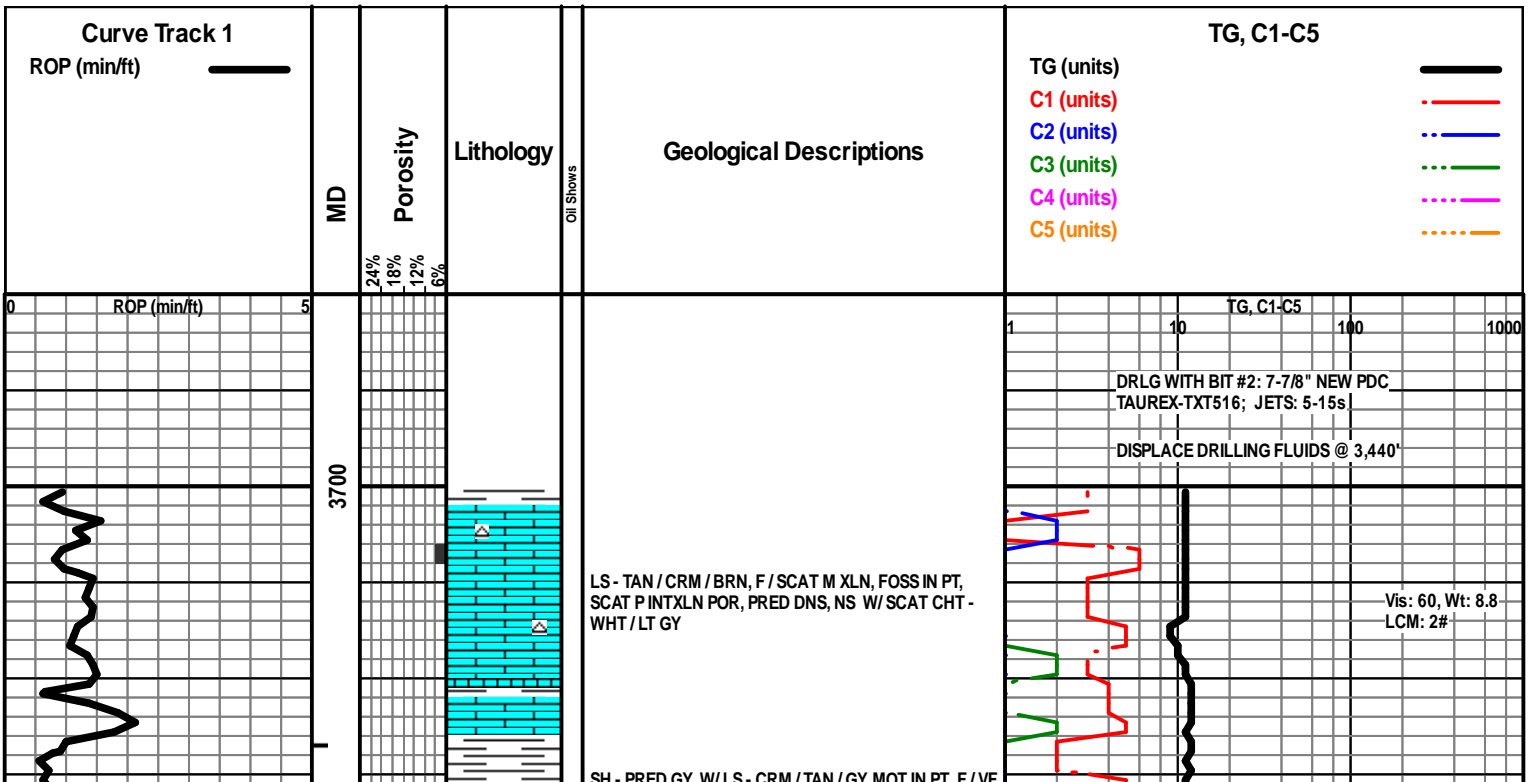
- Core
- Dst

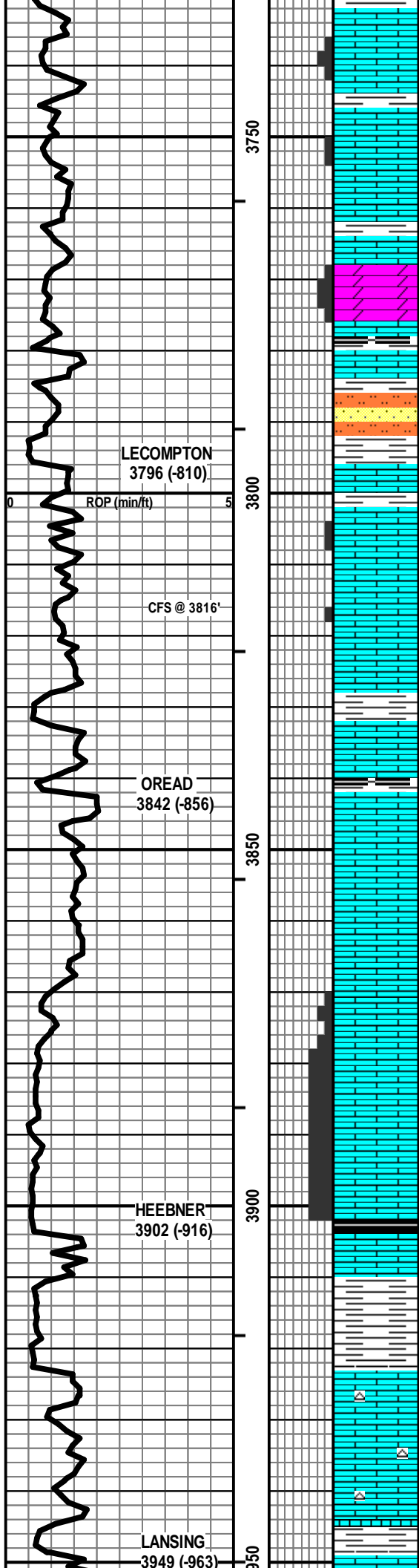


- Dst\_1\_t
- Dst\_1\_b
- Dst

#### EVENTS

- Rft
- Sidewall
- Conn





XLN, FOSS IN PT, SCAT P/F INTXLN POR, TR P  
FOSSMOLD POR, PRED DNS, NS

LS - TAN / CRM, F / VF XLN, FOSS IN PT, SLOOL, TR P  
INTXLN POR, PRED DNS, NS

LS - SIM TO ABOVE, PRED DNS, NS W/DOLO - CRM, F  
XLN, F INTXLN POR, NS

LS - TAN / BRN / GY, MOT IN PT, PRED F XLN, DNS, NS  
W/SLTST + SS - GY, SLT / VF GR, MIC, NS

**LECOMPTON  
3796 (-810)**

ROP (min/ft)

CFS @ 3816'

**OREAD  
3842 (-856)**

LS - CRM / TAN, F / VF XLN, FOSS + OOL IN PT, TR P  
INTXLN POR, SUBCHKY IN PT / DNS, TR GILS, NSFO,  
NO ODOR

LS - SIM TO ABOVE, NS

LS - TAN / BRN, MOT IN PT, PRED F XLN, PRED DNS, NS  
W/SH - GY

LS - CRM / TAN, F / VF XLN, FOSS + OOL IN PT, PRED  
DNS, NS W/SH - GY / BLK, CARB IN PT

LS - ASABOVE, SUBCHKY IN PT, PRED DNS, NS

LS - CRM / TAN, F / SCAT M XLN, FOSS IN PT, SCAT  
OOL, F / G INTXLN + PPT POR, SCAT CHKY, NS

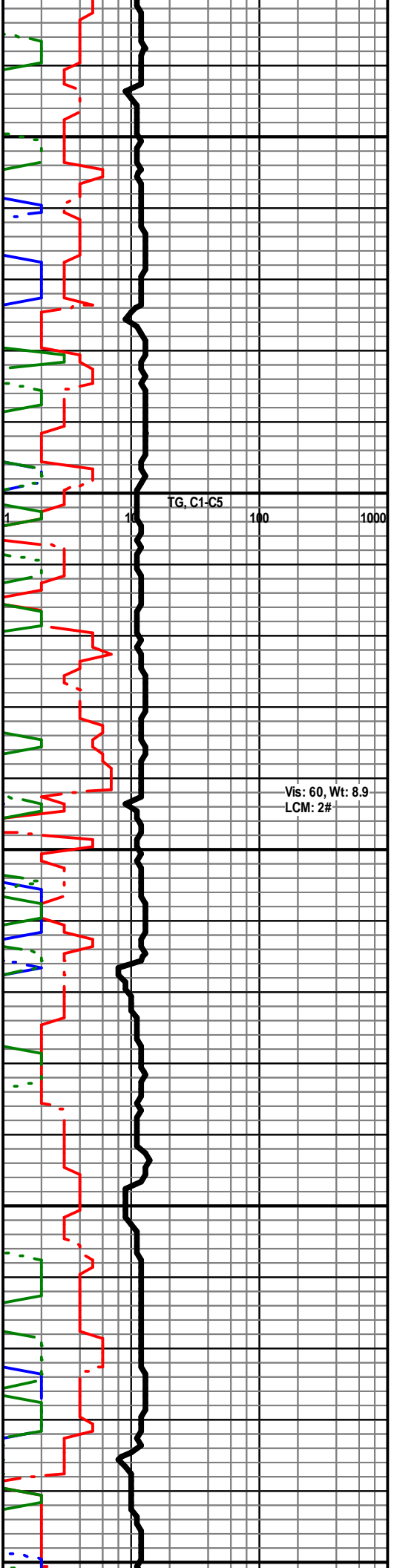
LS - ASABOVE, NS

**HEEBNER  
3902 (-916)**

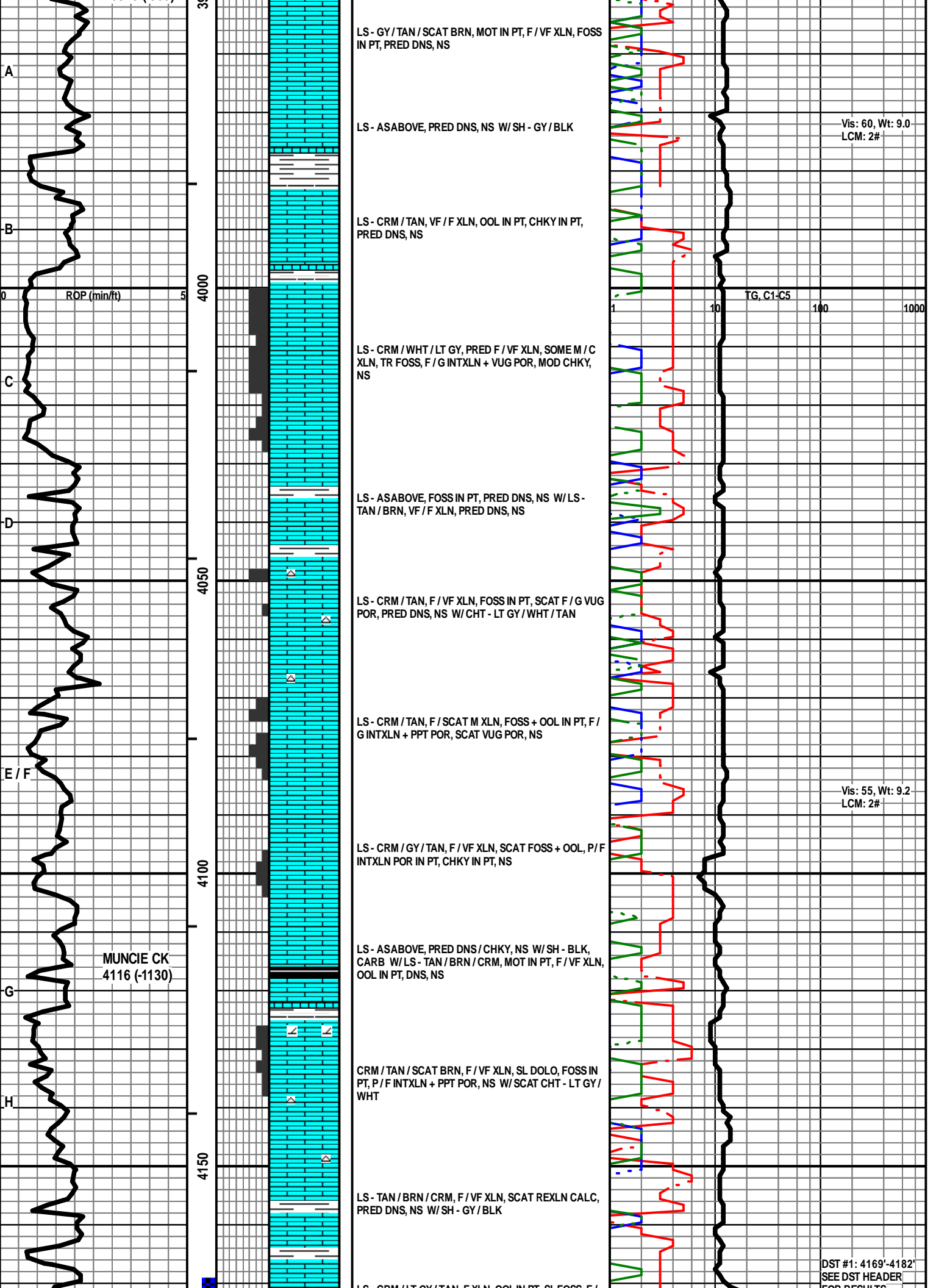
SH - BLK, CARB W/LS - TAN / BRN, MOT IN PT, F XLN,  
PRED DNS, NS W/SH - GY

LS - CRM / TAN / SCAT WHT, F / VF XLN, OOL IN PT, SL  
FOSS, CHKY IN PT, PRED DNS, NS W/CHT - CRM /  
WHT / LT GY

**LANSING  
3949 (-963)**







A

B

C

D

E / F

G

H

H

H

H

ROP (min/ft)

MUNCIE CK  
4116 (-1130)

LS - GY / TAN / SCAT BRN, MOT IN PT, F / VF XLN, FOSS IN PT, PRED DNS, NS

LS - ASABOVE, PRED DNS, NS W/ SH - GY / BLK

LS - CRM / TAN, VF / F XLN, OOL IN PT, CHKY IN PT, PRED DNS, NS

LS - CRM / WHT / LT GY, PRED F / VF XLN, SOME M / C XLN, TR FOSS, F / G INTXLN + VUG POR, MOD CHKY, NS

LS - ASABOVE, FOSS IN PT, PRED DNS, NS W/ LS - TAN / BRN, VF / F XLN, PRED DNS, NS

LS - CRM / TAN, F / VF XLN, FOSS IN PT, SCAT F / G VUG POR, PRED DNS, NS W/ CHT - LT GY / WHT / TAN

LS - CRM / TAN, F / SCAT M XLN, FOSS + OOL IN PT, F / G INTXLN + PPT POR, SCAT VUG POR, NS

LS - CRM / GY / TAN, F / VF XLN, SCAT FOSS + OOL, P / F INTXLN POR IN PT, CHKY IN PT, NS

LS - ASABOVE, PRED DNS / CHKY, NS W/ SH - BLK, CARB W/ LS - TAN / BRN / CRM, MOT IN PT, F / VF XLN, OOL IN PT, DNS, NS

CRM / TAN / SCAT BRN, F / VF XLN, SL DOLO, FOSS IN PT, P / F INTXLN + PPT POR, NS W/ SCAT CHT - LT GY / WHT

LS - TAN / BRN / CRM, F / VF XLN, SCAT REXLN CALC, PRED DNS, NS W/ SH - GY / BLK

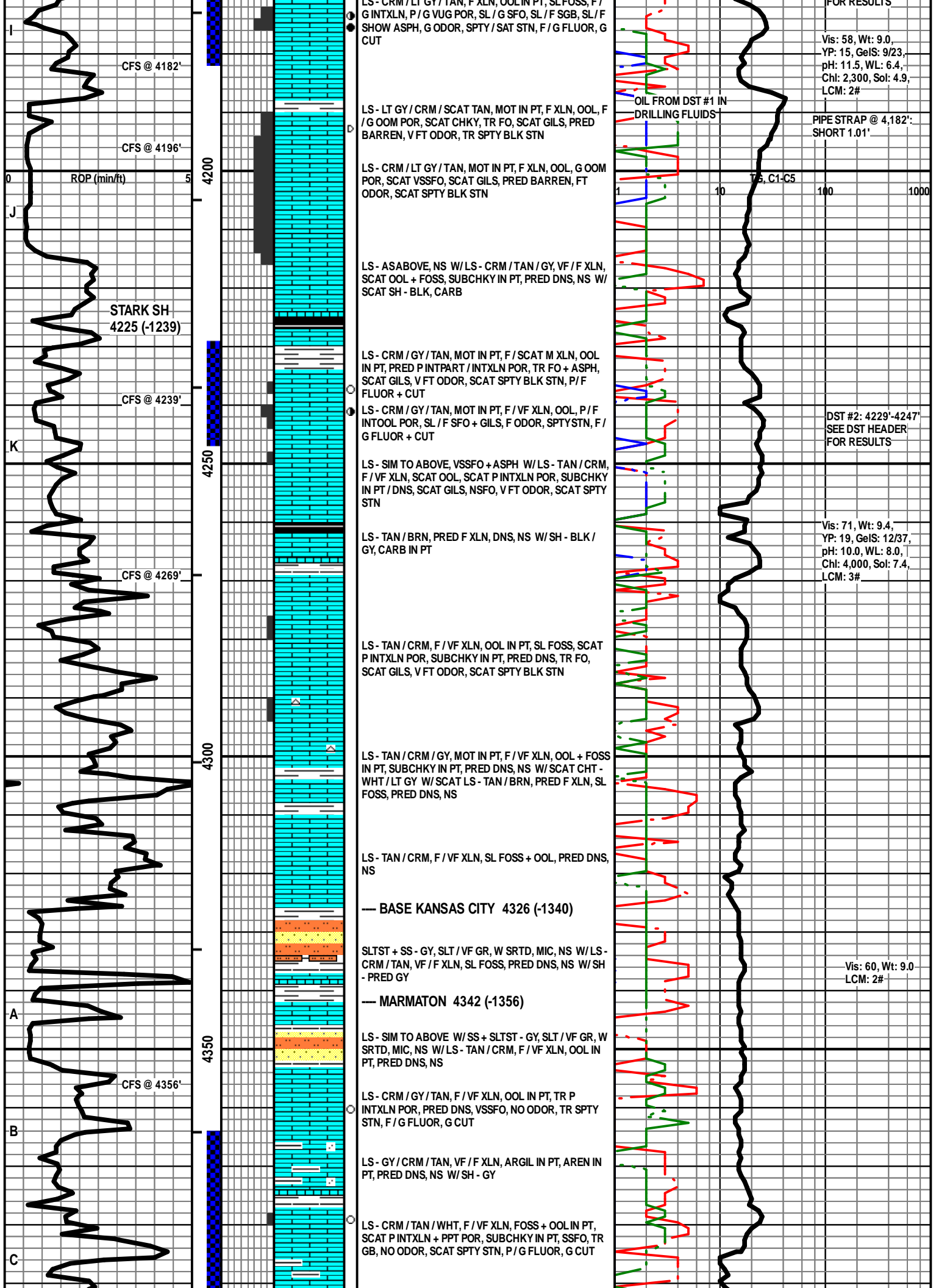
LS - CRM / LT GY / TAN, F / VF XLN, OOL IN PT, SL FOSS, F /

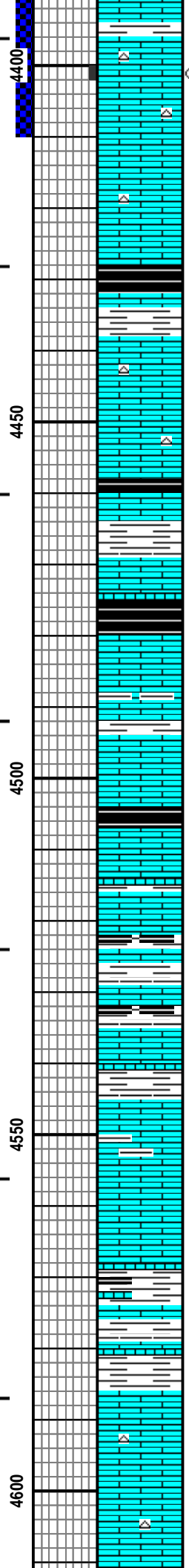
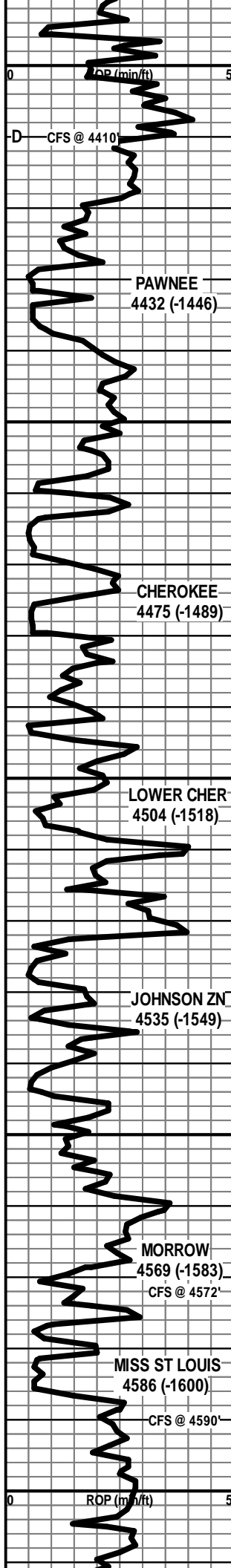
Vis: 60, Wt: 9.0  
LCM: 2#

TG, C1-C5

Vis: 55, Wt: 9.2  
LCM: 2#

DST #1: 4169'-4182'  
SEE DST HEADER FOR RESULTS





LS - ASABOVE, PRED DNS, NS W/SH - GY

LS - CRM / LT GY / TAN, MOT IN PT, F / M XLN, OOL IN PT, SCAT PINTXLN / INTPART POR, SSFO + GB, V FT ODOR, SCAT SPTY STN, F / G FLUOR, G CUT W/SCAT CHT - WHT / LT GY

LS - BRN / GY / TAN, MOT IN PT, PRED F XLN, SL FOSS + OOL, PRED DNS, ARGIL IN PT, NS W/SCAT CHT - LT GY / TAN

SH - DK GY / BLK, CARB IN PT W/LS - CRM / TAN / BRN, F / SCAT M XLN, FOSS IN PT, CHKYIN PT, PRED DNS, NS W/CHT - LT GY / WHT

LS - ASABOVE, NS W/SH - BLK, CARB W/LS - TAN / BRN, PRED F XLN, FOSS, PRED DNS, NS

SH - MED / DK GY W/LS - TAN / BRN, F XLN, FOSS IN PT, PRED DNS, NS

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

LS - TAN / CRM / BRN, MOT IN PT, F / VF XLN, OOL IN PT, PRED DNS, NS W/SH - GY / BLK, CARB IN PT

LS - CRM / TAN / BRN, MOT IN PT, F / VF XLN, FOSS IN PT, SCAT OOL, PRED DNS, NS W/SH - SCAT GY / BLK

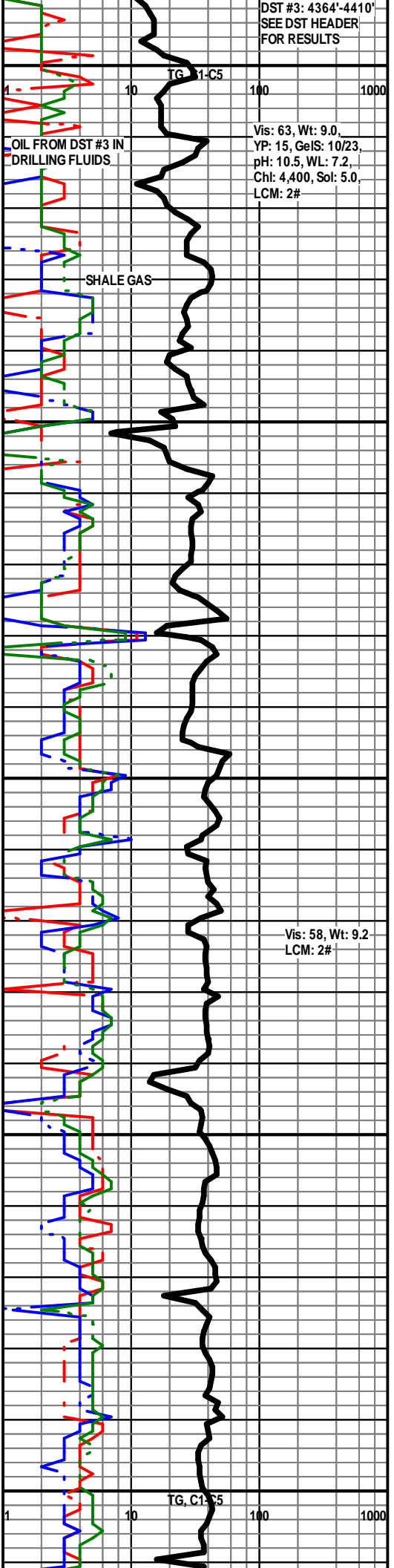
LS - TAN / CRM / BRN, MOT IN PT, F XLN, SCAT AREN, OOL IN PT, SL FOSS, PRED DNS, NS W/SH - GY / BLK, CARB IN PT

LS - TAN / CRM / BRN, MOT IN PT, F / VF XLN, SCAT OOL + FOSS, SUBCHKY IN PT, PRED DNS, NS W/SH - PRED GY

LS - ASABOVE, PRED DNS, NS W/SH - GY / BLK

SH - GY / BLK / SCAT GRN, SLTYIN PT W/LS - TAN / BRN / SCAT GY, MOT IN PT, F / SCAT M XLN, TR C XLN, SL FOSS, PRED DNS, NS W/SCAT LS - CRM / WHT, VF / F XLN, OOL, SUBCHKY, PRED DNS, NS

LS - CRM / WHT / SCAT TAN, F / VF XLN, SCAT CRYPTO XLN, OOL IN PT, CHKY IN PT, PRED DNS, NS W/SCAT CHT - WHT



DST #3: 4364'-4410'  
SEE DST HEADER FOR RESULTS

Vis: 63, Wt: 9.0,  
YP: 15, GelS: 10/23,  
pH: 10.5, WL: 7.2,  
Chl: 4,400, Sol: 5.0,  
LCM: 2#

Vis: 58, Wt: 9.2  
LCM: 2#

PAWNEE  
4432 (-1446)

CHEROKEE  
4475 (-1489)

LOWER CHER  
4504 (-1518)

JOHNSON ZN  
4535 (-1549)

MORROW  
4569 (-1583)  
CFS @ 4572'

MISS ST LOUIS  
4586 (-1600)  
CFS @ 4590'



LS - CRM / TAN / SCAT WHT, F / VF XLN, OOL IN PT,  
SUBCHKY IN PT, PRED DNS, NS

LS - CRM / TAN, PRED F / VF XLN, SCAT CRYPTO XLN,  
OOL IN PT, SUBCHKY IN PT, PRED DNS, NS

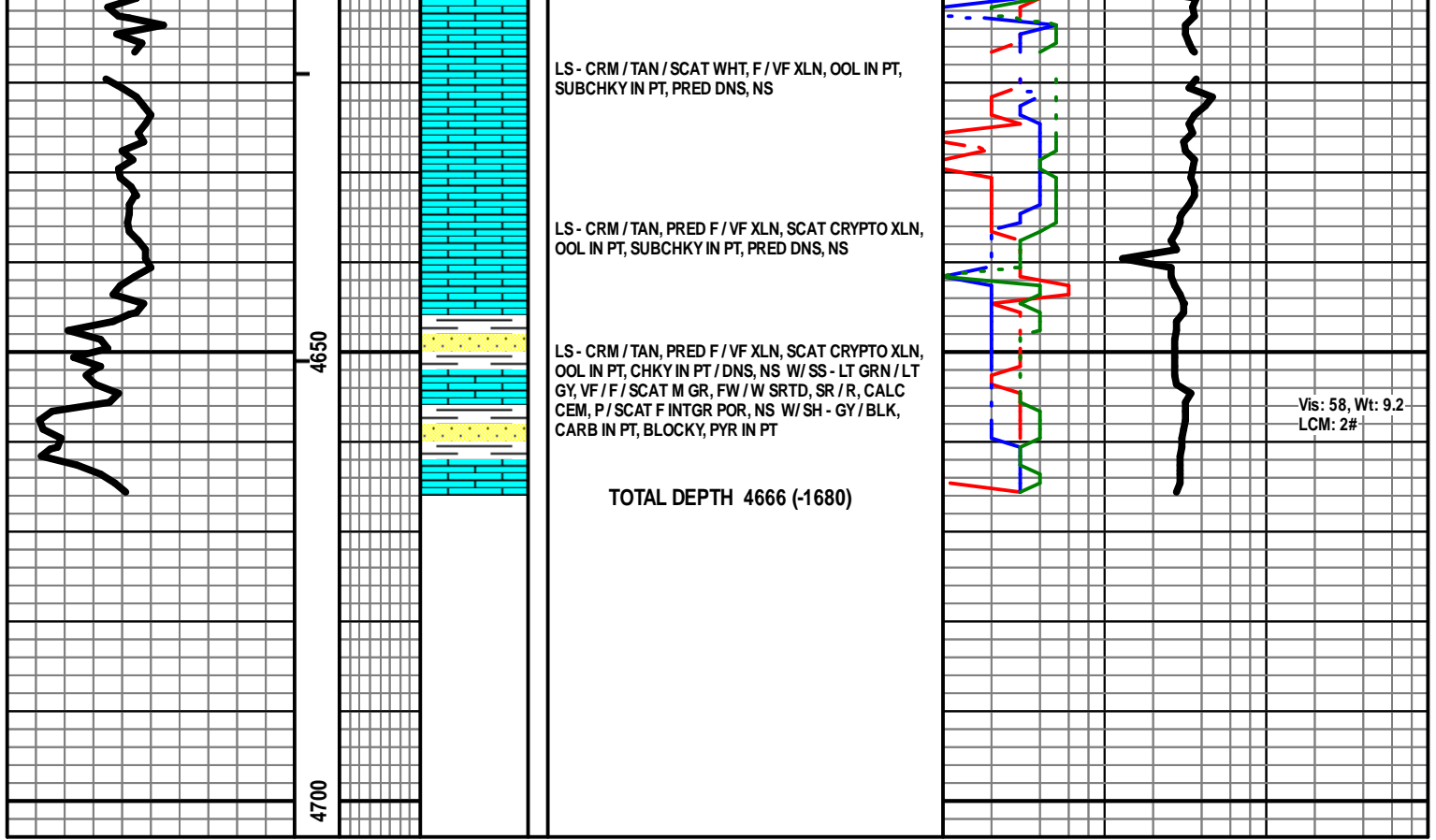
LS - CRM / TAN, PRED F / VF XLN, SCAT CRYPTO XLN,  
OOL IN PT, CHKY IN PT / DNS, NS W/ SS - LT GRN / LT  
GY, VF / F / SCAT M GR, FW / W SRTD, SR / R, CALC  
CEM, P / SCAT F INTGR POR, NS W/ SH - GY / BLK,  
CARB IN PT, BLOCKY, PYR IN PT

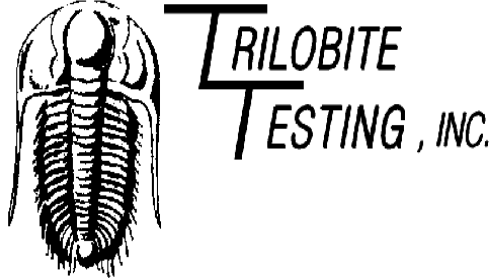
TOTAL DEPTH 4666 (-1680)

Vis: 58, Wt: 9.2  
LCM: 2#

4650

4700





## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy  
Ste 200  
Wichita, KS 67206

ATTN: Dave Goldak

### **Riney Trust #2-23**

### **23-18s-32w Scott,KS**

Start Date: 2019.07.22 @ 11:12:08

End Date: 2019.07.22 @ 19:25:08

Job Ticket #: 65242                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.07.25 @ 09:55:45

Stelbar Oil Corp  
23-18s-32w Scott,KS  
Riney Trust #2-23  
DST # 1  
LKC I  
2019.07.22



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Stelbar Oil Corp  
 1625 N Waterfront Pkw y  
 Ste 200  
 Wichita, KS 67206  
 ATTN: Dave Goldak

**23-18s-32w Scott,KS**

**Riney Trust #2-23**

Job Ticket: 65242

**DST#: 1**

Test Start: 2019.07.22 @ 11:12:08

## GENERAL INFORMATION:

Formation: **LKC I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:58:08

Time Test Ended: 19:25:08

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

**Interval: 4169.00 ft (KB) To 4182.00 ft (KB) (TVD)**

Reference Elevations: 2986.00 ft (KB)

Total Depth: 4182.00 ft (KB) (TVD)

2973.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

**Serial #: 8166 Outside**

Press@RunDepth: 143.43 psig @ 4170.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.07.22 End Date: 2019.07.22

Last Calib.: 2019.07.22

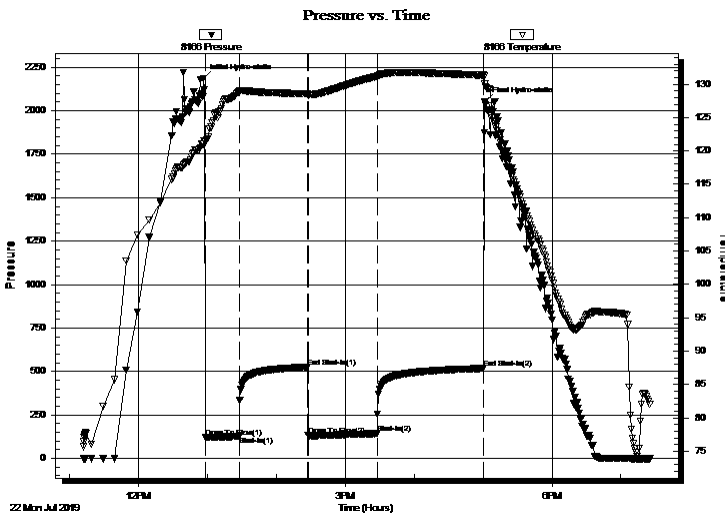
Start Time: 11:12:13 End Time: 19:25:07

Time On Btm: 2019.07.22 @ 12:56:38

Time Off Btm: 2019.07.22 @ 17:01:38

**TEST COMMENT:** IF: 1/4" blow built to 2"  
 IS: No return.  
 FF: Surface blow built to 2 1/2"  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2185.74	121.01	Initial Hydro-static
2	122.99	121.32	Open To Flow (1)
31	127.11	128.81	Shut-In(1)
91	525.00	128.54	End Shut-In(1)
91	132.90	128.28	Open To Flow (2)
151	143.43	131.16	Shut-In(2)
244	517.78	131.35	End Shut-In(2)
245	2049.81	130.06	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
63.00	mcw 80%w 20%m	0.31
126.00	ocw m 5%o 10%w 85%m	0.73
83.00	ocm 10%o 90%m	1.16

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp  
1625 N Waterfront Pkwy  
Ste 200  
Wichita, KS 67206  
ATTN: Dave Goldak

**23-18s-32w Scott, KS**  
**Riney Trust #2-23**  
Job Ticket: 65242      **DST#: 1**  
Test Start: 2019.07.22 @ 11:12:08

**Tool Information**

Drill Pipe:	Length: 3985.00 ft	Diameter: 3.80 inches	Volume: 55.90 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: 25000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 56.77 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4169.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Stubb	1.00			4141.00	
Shut In Tool	5.00			4146.00	
Sampler	2.00			4148.00	
Hydraulic tool	5.00			4153.00	
Jars	5.00			4158.00	
Safety Joint	2.00			4160.00	
Packer	5.00			4165.00	29.00 Bottom Of Top Packer
Packer	4.00			4169.00	
Stubb	1.00			4170.00	
Recorder	0.00	6651	Inside	4170.00	
Recorder	0.00	8166	Outside	4170.00	
Perforations	7.00			4177.00	
Bullnose	5.00			4182.00	13.00 Bottom Packers & Anchor

**Total Tool Length: 42.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stelbar Oil Corp

**23-18s-32w Scott,KS**

1625 N Waterfront Pkwy  
Ste 200  
Wichita, KS 67206  
ATTN: Dave Goldak

**Riney Trust #2-23**

Job Ticket: 65242

**DST#: 1**

Test Start: 2019.07.22 @ 11:12:08

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

7500 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	mcw 80%w 20%m	0.310
126.00	ocw m 5%o 10%w 85%m	0.729
83.00	ocm 10%o 90%m	1.164

Total Length: 272.00 ft      Total Volume: 2.203 bbl

Num Fluid Samples: 0

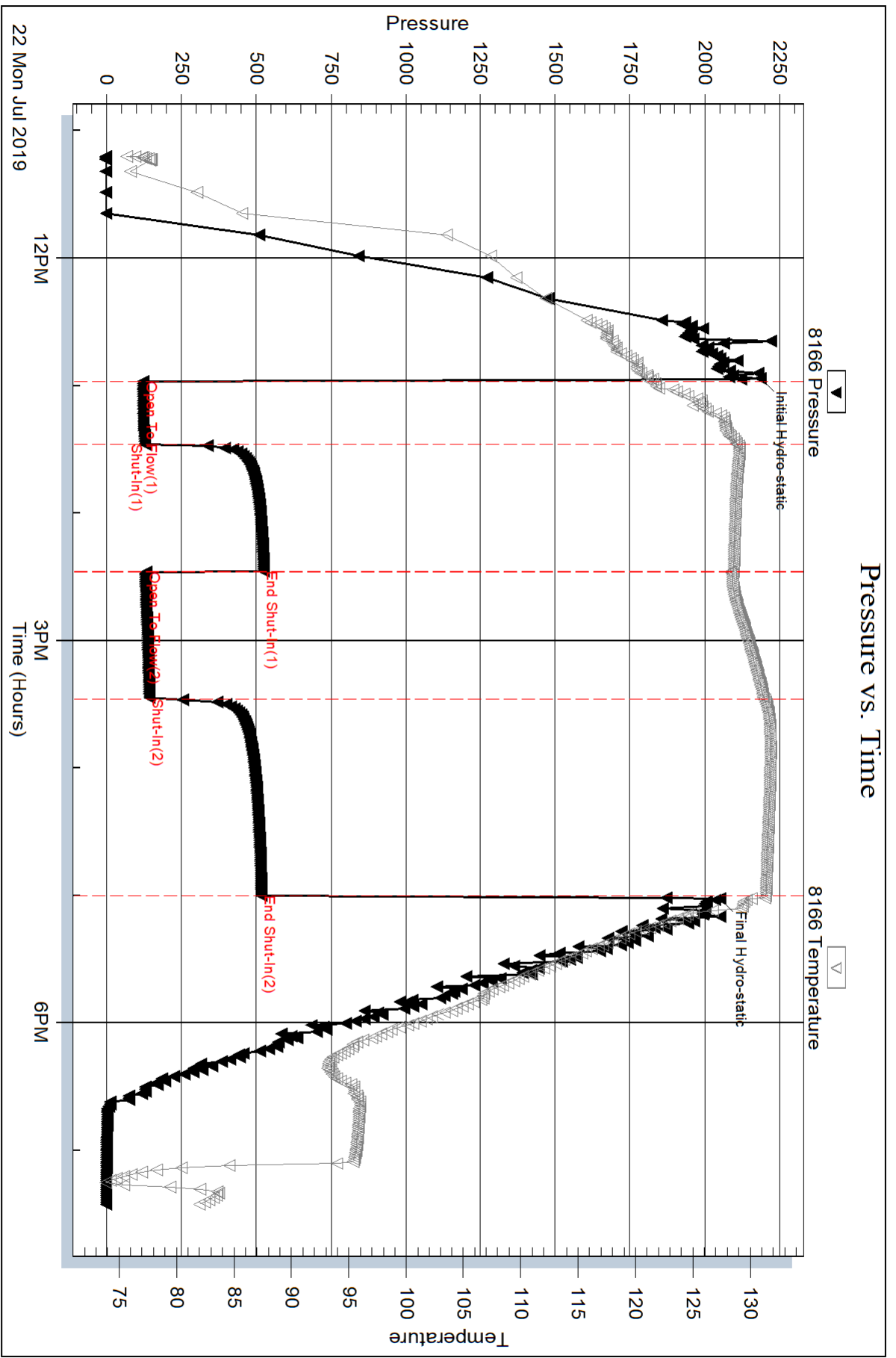
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .66@96=7500



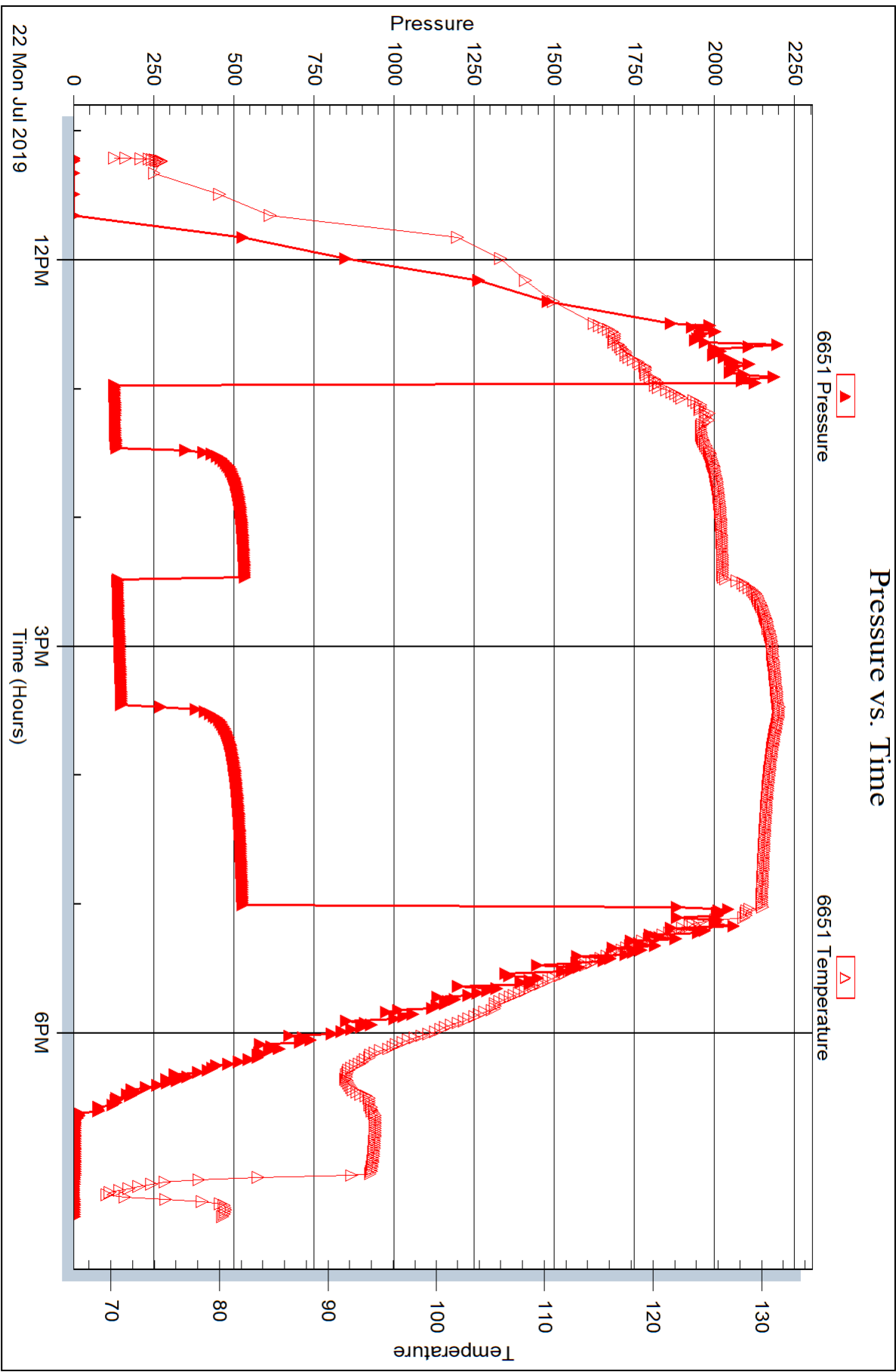
Serial #: 6651

Inside

Stelbar Oil Corp

Riney Trust#2-23

DST Test Number: 1







## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy  
Ste 200  
Wichita, KS 67206

ATTN: Dave Goldak

### **Riney Trust #2-23**

#### **23-18s-32w Scott,KS**

Start Date: 2019.07.23 @ 06:03:05

End Date: 2019.07.23 @ 14:35:05

Job Ticket #: 65243                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.07.25 @ 09:54:56

Stelbar Oil Corp  
23-18s-32w Scott,KS  
Riney Trust #2-23  
DST # 2  
LKC K  
2019.07.23



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Stelbar Oil Corp  
 1625 N Waterfront Pkw y  
 Ste 200  
 Wichita, KS 67206  
 ATTN: Dave Goldak

**23-18s-32w Scott, KS**  
**Riney Trust #2-23**  
 Job Ticket: 65243 **DST#: 2**  
 Test Start: 2019.07.23 @ 06:03:05

## GENERAL INFORMATION:

Formation: **LKC K**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 08:15:05  
 Time Test Ended: 14:35:05  
 Interval: **4229.00 ft (KB) To 4247.00 ft (KB) (TVD)**  
 Total Depth: 4269.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 2986.00 ft (KB)  
 2973.00 ft (CF)  
 KB to GR/CF: 13.00 ft

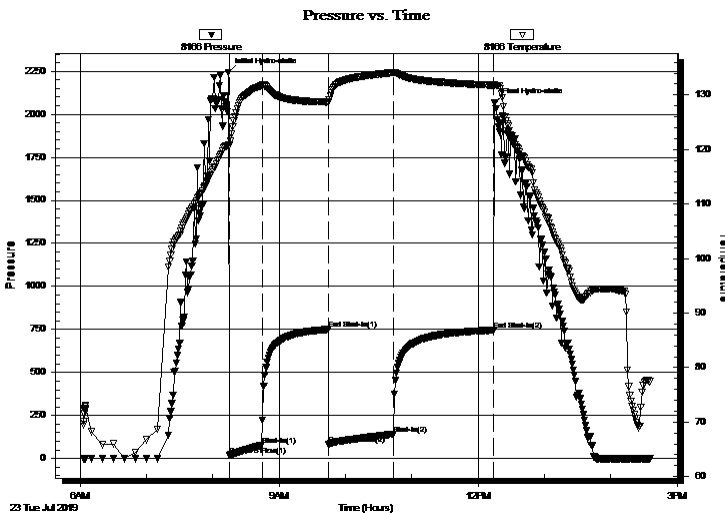
## Serial #: 8166

Outside

Press@RunDepth: 141.78 psig @ 4230.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2019.07.23 End Date: 2019.07.23 Last Calib.: 2019.07.23  
 Start Time: 06:03:10 End Time: 14:35:04 Time On Btm: 2019.07.23 @ 08:14:05  
 Time Off Btm: 2019.07.23 @ 12:15:05

TEST COMMENT: IF: 1/4" blow built to 6 1/2"  
 IS: No return.  
 FF: 1/4" blow built to 9 1/2"  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2243.21	120.89	Initial Hydro-static
1	20.01	120.77	Open To Flow (1)
31	78.64	131.80	Shut-In(1)
90	751.04	128.71	End Shut-In(1)
91	82.49	128.64	Open To Flow (2)
149	141.78	134.07	Shut-In(2)
240	746.06	131.82	End Shut-In(2)
241	2069.06	131.75	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	mcw 95%w 5%m	0.62
176.00	mcw 90%w 10%m	2.00
0.00	44 ppm H2S	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**

Stelbar Oil Corp  
1625 N Waterfront Pkwy  
Ste 200  
Wichita, KS 67206  
ATTN: Dave Goldak

**23-18s-32w Scott,KS**  
**Riney Trust #2-23**  
Job Ticket: 65243      **DST#: 2**  
Test Start: 2019.07.23 @ 06:03:05

**Tool Information**

Drill Pipe:	Length: 4050.00 ft	Diameter: 3.80 inches	Volume: 56.81 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: 30000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4229.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 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
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4201.00	
Shut In Tool	5.00			4206.00	
Sampler	2.00			4208.00	
Hydraulic tool	5.00			4213.00	
Jars	5.00			4218.00	
Safety Joint	2.00			4220.00	
Packer	5.00			4225.00	29.00      Bottom Of Top Packer
Packer	4.00			4229.00	
Stubb	1.00			4230.00	
Recorder	0.00	6651	Inside	4230.00	
Recorder	0.00	8166	Outside	4230.00	
Perforations	12.00			4242.00	
Blank Off Sub	1.00			4243.00	
Packer - Shale	4.00			4247.00	
Stubb	1.00			4248.00	
Recorder	0.00	6748	Below	4248.00	
Perforations	21.00			4269.00	
Bullnose	5.00			4274.00	45.00      Bottom Packers & Anchor

**Total Tool Length: 74.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stelbar Oil Corp

**23-18s-32w Scott,KS**

1625 N Waterfront Pkw y  
Ste 200  
Wichita, KS 67206  
ATTN: Dave Goldak

**Riney Trust #2-23**

Job Ticket: 65243

**DST#: 2**

Test Start: 2019.07.23 @ 06:03:05

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

37000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	mcw 95%w 5%m	0.620
176.00	mcw 90%w 10%m	2.004
0.00	44 ppm H2S	0.000

Total Length: 302.00 ft      Total Volume: 2.624 bbl

Num Fluid Samples: 0

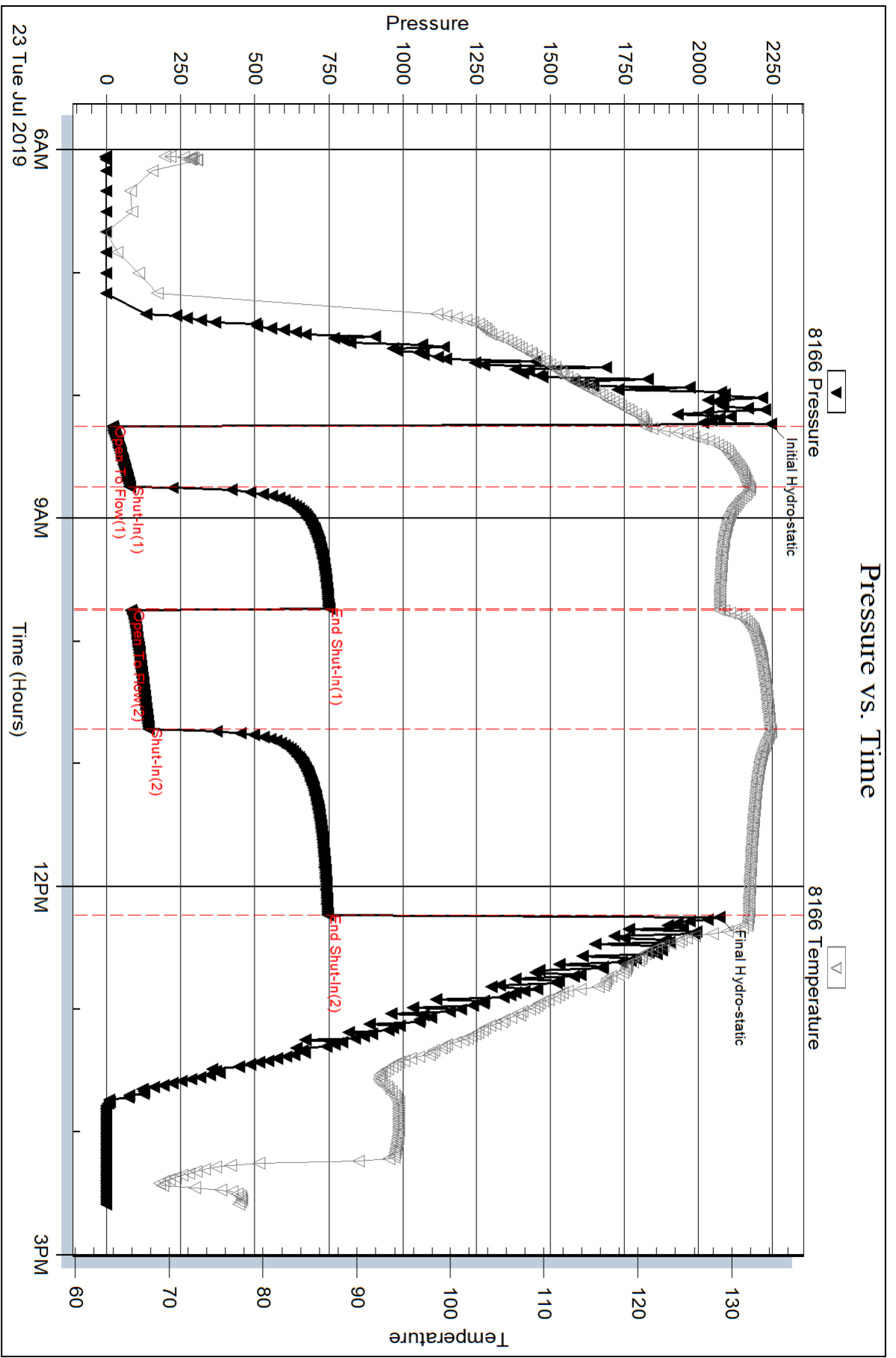
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .15@91=37000



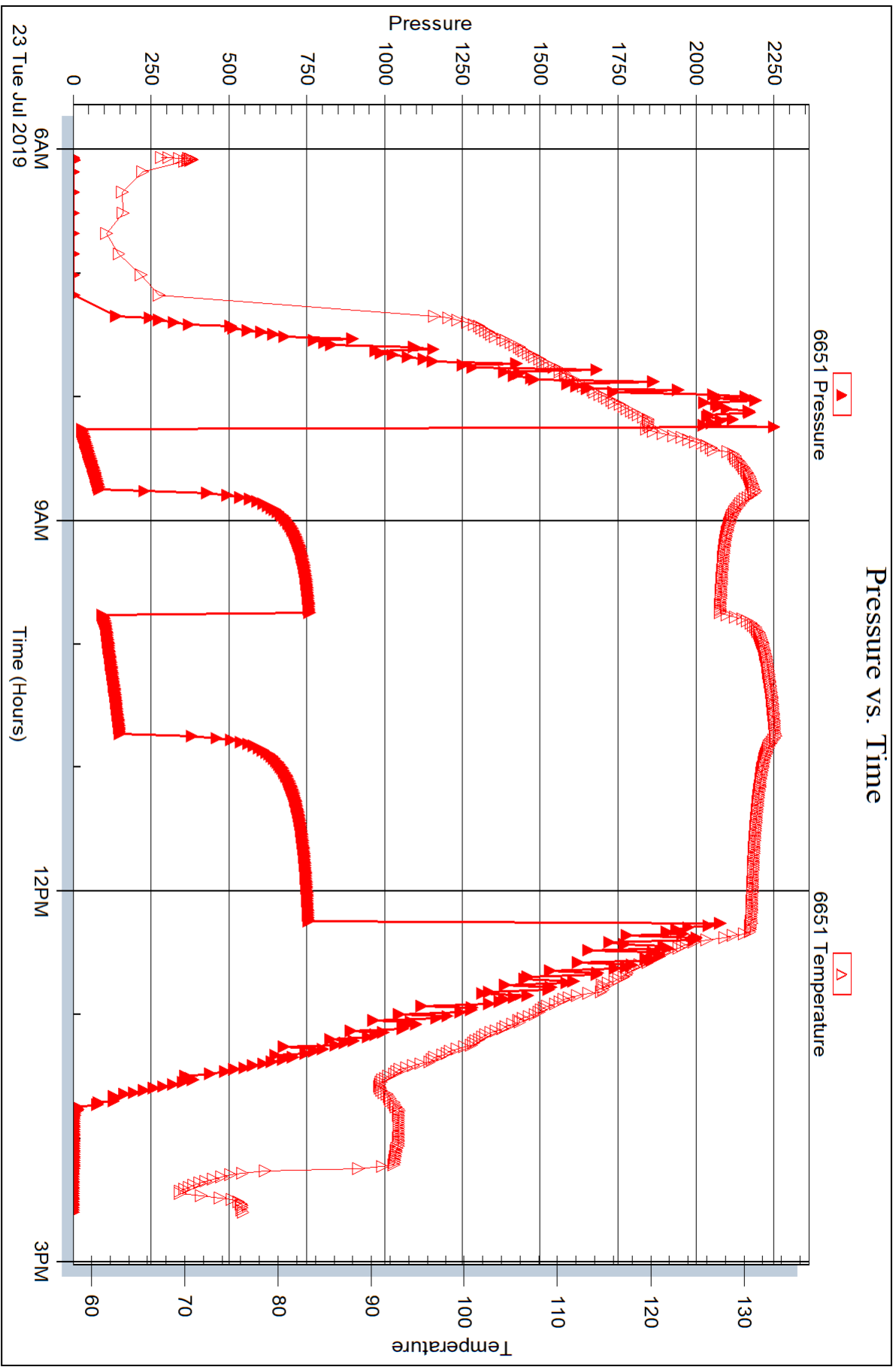
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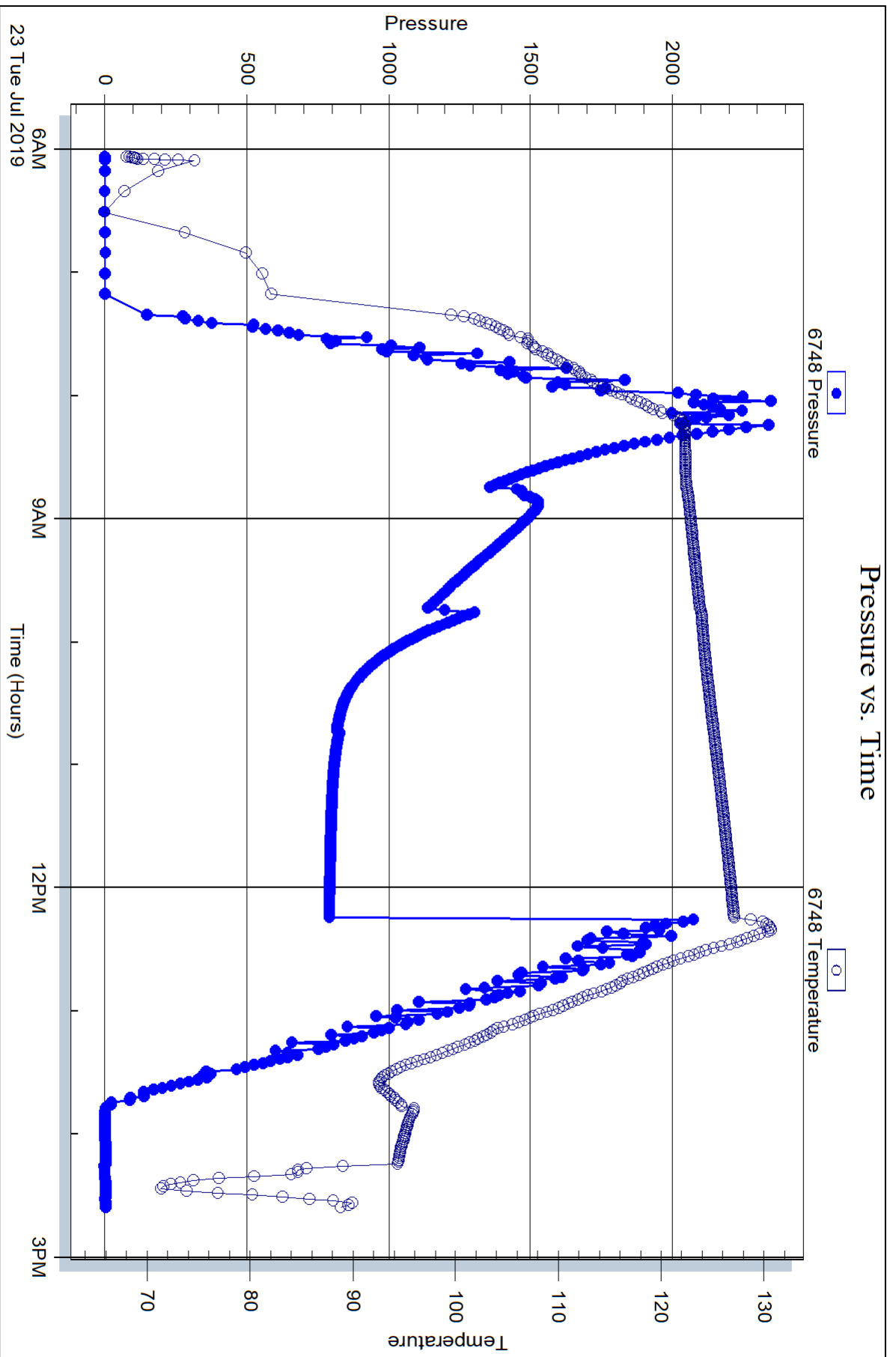
Inside

Stelbar Oil Corp

Riney Trust#2-23

DST Test Number: 2









## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy  
Ste 200  
Wichita, KS 67206

ATTN: Dave Goldak

**Riney Trust #2-23**

**23-18s-32w Scott,KS**

Start Date: 2019.07.24 @ 03:50:00

End Date: 2019.07.24 @ 09:09:00

Job Ticket #: 65244                      DST #: 3

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.07.25 @ 09:53:32



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Stelbar Oil Corp  
 1625 N Waterfront Pkw y  
 Ste 200  
 Wichita, KS 67206  
 ATTN: Dave Goldak

**23-18s-32w Scott,KS**

**Riney Trust #2-23**

Job Ticket: 65244      **DST#: 3**  
 Test Start: 2019.07.24 @ 03:50:00

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:36:30  
 Time Test Ended: 09:09:00  
 Interval: **4364.00 ft (KB) To 4410.00 ft (KB) (TVD)**  
 Total Depth: 4410.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 2986.00 ft (KB)  
 2973.00 ft (CF)  
 KB to GR/CF: 13.00 ft

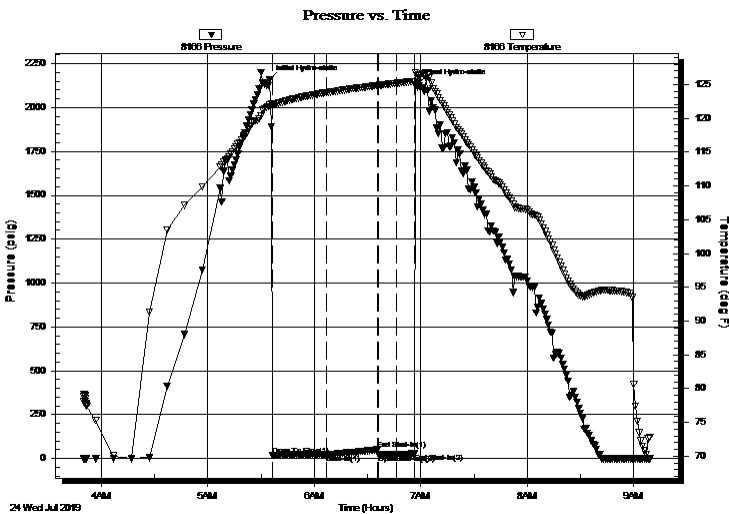
## Serial #: 8166

Outside

Press@RunDepth: 22.27 psig @ 4365.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2019.07.24      End Date: 2019.07.24      Last Calib.: 2019.07.24  
 Start Time: 03:50:05      End Time: 09:08:59      Time On Btm: 2019.07.24 @ 05:35:00  
 Time Off Btm: 2019.07.24 @ 06:58:30

TEST COMMENT: IF: Surface blow built to .63" died to 1/2"  
 IS: No return.  
 FF: No blow.  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2158.82	121.93	Initial Hydro-static
2	18.25	121.90	Open To Flow (1)
32	21.80	123.78	Shut-In(1)
61	50.19	124.84	End Shut-In(1)
61	22.81	124.84	Open To Flow (2)
72	22.27	125.17	Shut-In(2)
82	26.98	125.47	End Shut-In(2)
84	2138.74	126.24	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud oil spots 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**

Stelbar Oil Corp  
1625 N Waterfront Pkwy  
Ste 200  
Wichita, KS 67206  
ATTN: Dave Goldak

**23-18s-32w Scott,KS**  
**Riney Trust #2-23**  
Job Ticket: 65244      **DST#: 3**  
Test Start: 2019.07.24 @ 03:50:00

## Tool Information

Drill Pipe:	Length: 4176.00 ft	Diameter: 3.80 inches	Volume: 58.58 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: 25000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 59.45 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial lb
Depth to Top Packer:	4364.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Stubb	1.00			4336.00	
Shut In Tool	5.00			4341.00	
Sampler	2.00			4343.00	
Hydraulic tool	5.00			4348.00	
Jars	5.00			4353.00	
Safety Joint	2.00			4355.00	
Packer	5.00			4360.00	29.00      Bottom Of Top Packer
Packer	4.00			4364.00	
Stubb	1.00			4365.00	
Recorder	0.00	6651	Inside	4365.00	
Recorder	0.00	8166	Outside	4365.00	
Perforations	6.00			4371.00	
Change Over Sub	1.00			4372.00	
Drill Pipe	32.00			4404.00	
Change Over Sub	1.00			4405.00	
Bullnose	5.00			4410.00	46.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>75.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Stelbar Oil Corp

**23-18s-32w Scott, KS**

1625 N Waterfront Pkw y  
Ste 200  
Wichita, KS 67206  
ATTN: Dave Goldak

**Riney Trust #2-23**

Job Ticket: 65244

**DST#: 3**

Test Start: 2019.07.24 @ 03:50:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 71.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud oil spots 100%m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

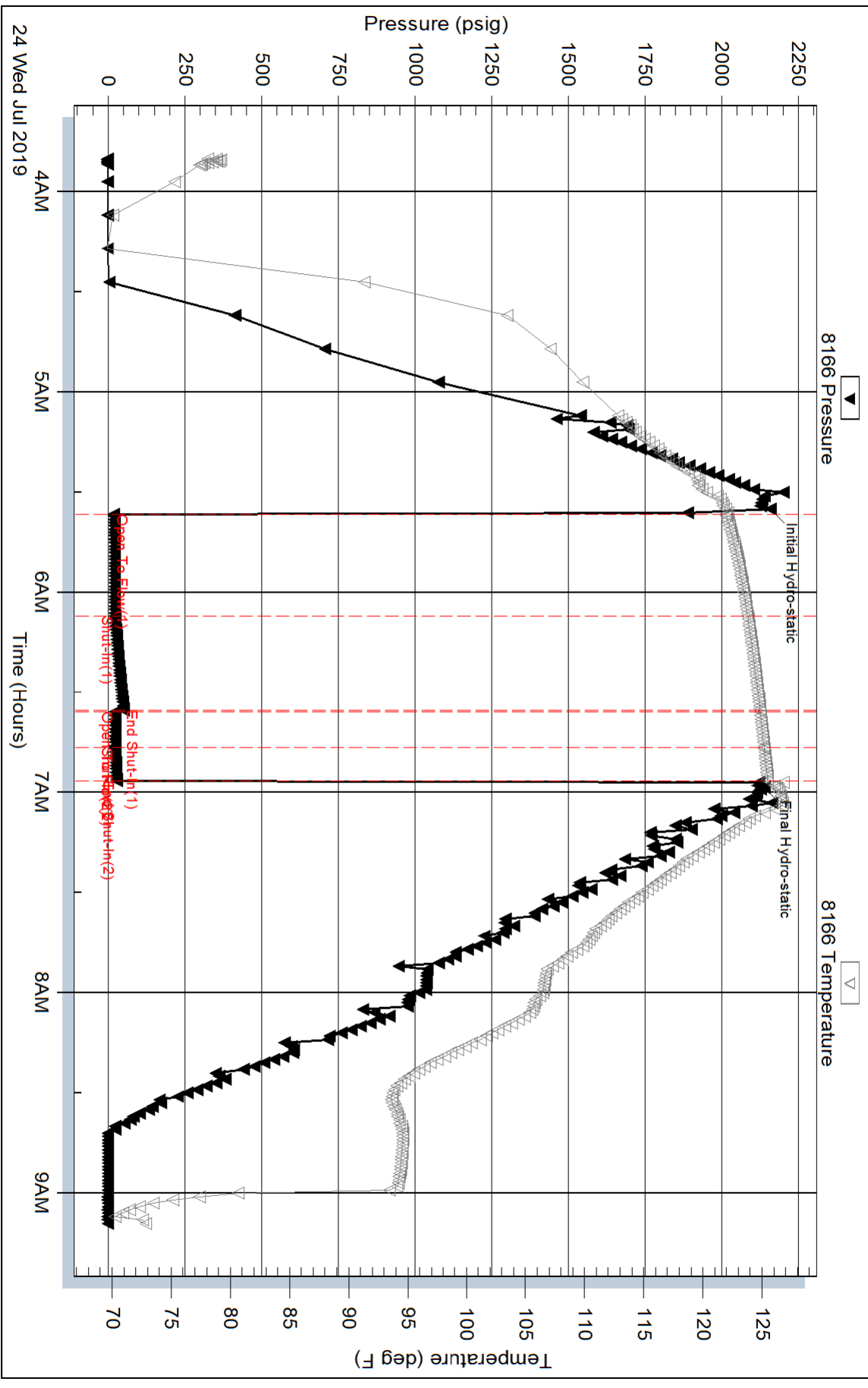
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





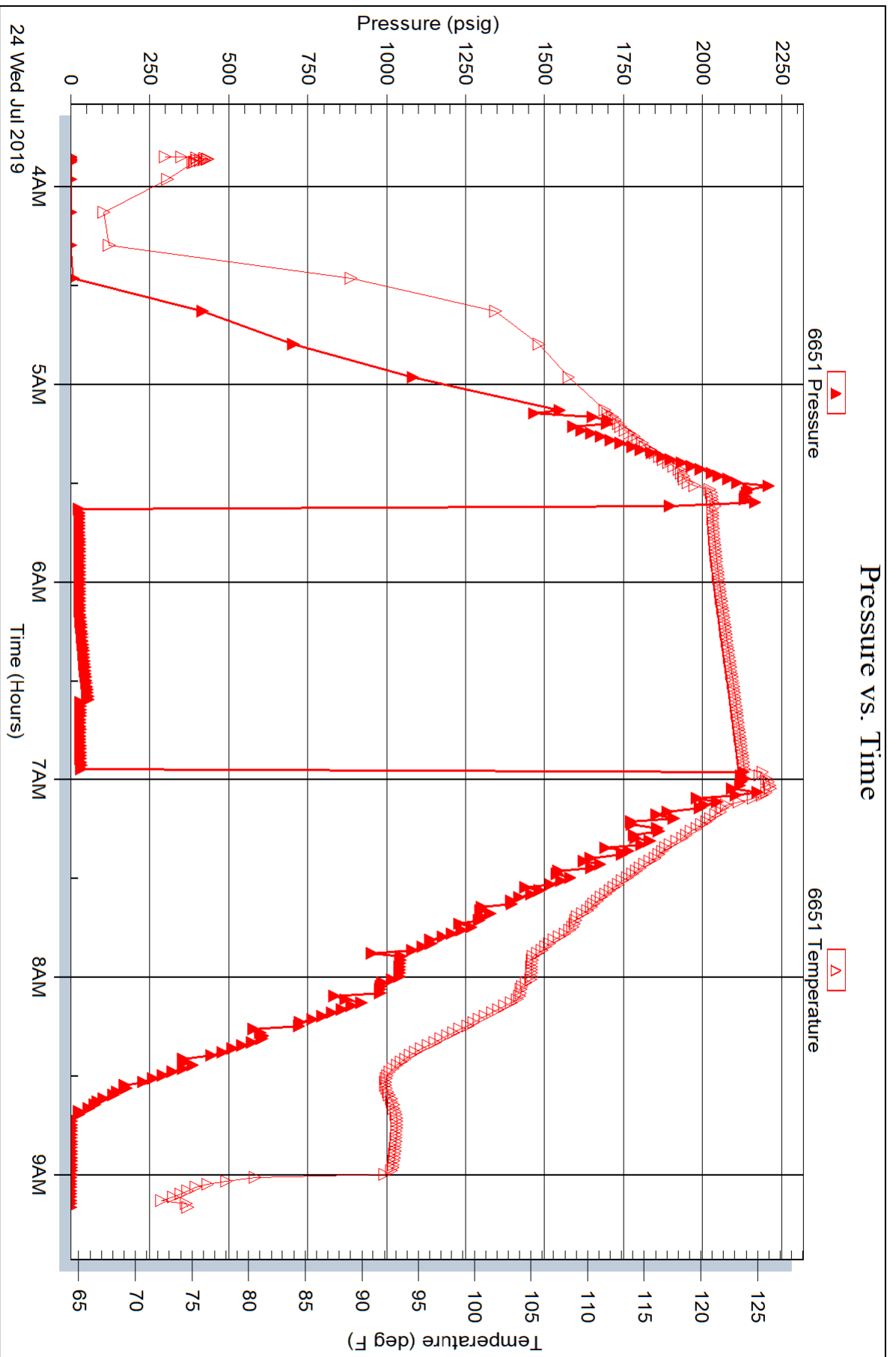
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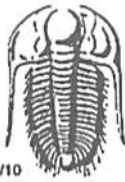
Inside

Stelbar Oil Corp

Riney Trust#2-23

DST Test Number: 3





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65242

Well Name & No. Riney Trust #2-23 Test No. 1 Date 7-22-19  
 Company Stelbar oil cop Elevation 2986 KB 2973 GL  
 Address 1625 N waterfront Pkwy Ste 200 Wichita, KS 67206  
 Co. Rep / Geo. Dave Goldark Rig sterling 5  
 Location: Sec. 23 Twp 18<sup>s</sup> Rge. 32W Co. Scott State KS

Interval Tested 4169 4182 Zone Tested LKC F  
 Anchor Length 13 Drill Pipe Run 3985 Mud Wt. 9.0  
 Top Packer Depth 4164 Drill Collars Run 177 Vis 58  
 Bottom Packer Depth 4169 Wt. Pipe Run — WL 6.4  
 Total Depth 4182 Chlorides 2300 ppm System LCM 2

Blow Description IF: 1/4 blow built to 2.  
IS: No return.  
FF: surface blow built to 2 1/2.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>83</u>	<u>ocm</u>	<u>10</u>	<u>10</u>	<u>90</u>	<u>—</u>
<u>126</u>	<u>ocwm</u>	<u>5</u>	<u>10</u>	<u>85</u>	<u>—</u>
<u>63</u>	<u>MLW</u>	<u>—</u>	<u>80</u>	<u>20</u>	<u>—</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 272 BHT 131 Gravity — API RW .66 @ 96 °F Chlorides 7500 ppm

(A) Initial Hydrostatic 2185  Test 1300 T-On Location 10:00  
 (B) First Initial Flow 122  Jars 250 T-Started 11:12  
 (C) First Final Flow 127  Safety Joint 75 T-Open 12:58  
 (D) Initial Shut-In 525  Circ Sub \_\_\_\_\_ T-Pulled 16:58  
 (E) Second Initial Flow 132  Hourly Standby \_\_\_\_\_ T-Out 19:28  
 (F) Second Final Flow 143  Mileage 12-12 Comments \_\_\_\_\_  
 (G) Final Shut-In 517  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2649  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1637 MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 60  
 Final Shut-In 90  
 Approved By [Signature] Our Representative [Signature]

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



# TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 65242 Date 7-22-19  
 Company Name Stelbar oil corp  
 Lease Riney Trust #2-23 Test No. \_\_\_\_\_  
 County Scott Sec. 23 Twp. 18S Rng. 32W

### SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
 Oil oil spots ML  
 Mud 1000 ML  
 Water 1000 ML  
 Other \_\_\_\_\_ ML  
 Pressure 5 PSI ML  
 Total 2000 ML

### PIT MUD ANALYSIS

Chlorides 2300 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 58  
 Mud Weight 9.0  
 Filtrate 6.4  
 Other LCM 2

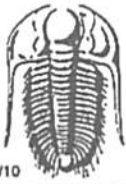
### SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
 Gravity \_\_\_\_\_ corrected @60F

### PIPE RECOVERY

**TOP**  
 Resistivity .66 ohms @ 96 F  
 Chlorides 7500 ppm.  
**MIDDLE**  
 Resistivity .66 ohms @ 96 F  
 Chlorides 7500 ppm.  
**BOTTOM**  
 Resistivity .66 ohms @ 96 F  
 Chlorides 7500 ppm.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65243

Well Name & No. Riney Trust # 2-23 Test No. 2 Date 7-23-19  
 Company Stelber oil corp Elevation 2986 KB 2973 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Dave Goldok Rig sterling 5  
 Location: Sec. 23 Twp 185 Rge. 32W Co. Scott State KS

Interval Tested 4229 4247 Zone Tested LKC-K  
 Anchor Length 18 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.0  
 Top Packer Depth 4229 Drill Collars Run 177 Vis 58  
 Bottom Packer Depth 4247 Wt. Pipe Run \_\_\_\_\_ WL 6.4  
 Total Depth 4269 Chlorides 2300 ppm System LCM 2  
 Blow Description IF: 1/4 blow built to 6 1/2.  
IS: No return.  
FF: 1/4 blow built to 9 1/2.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>176</u>	<u>MCW</u>		<u>90</u>	<u>10</u>	
<u>126</u>	<u>MCW</u>		<u>95</u>	<u>5</u>	
	<u>44 ppm H2S</u>				

Rec Total 302 BHT 131 Gravity \_\_\_\_\_ API RW .15 @ 91 °F Chlorides 39,000 ppm

(A) Initial Hydrostatic <u>2243</u>	<input checked="" type="checkbox"/> Test 1300	T-On Location <u>5:30</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>6:03</u>
(C) First Final Flow <u>78</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>8:14</u>
(D) Initial Shut-In <u>751</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>12:14</u>
(E) Second Initial Flow <u>82</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>14:35</u>
(F) Second Final Flow <u>141</u>	<input checked="" type="checkbox"/> Mileage <u>12-12</u>	Comments _____
(G) Final Shut-In <u>746</u>	<input checked="" type="checkbox"/> Sampler 250	_____
(H) Final Hydrostatic <u>2069</u>	<input checked="" type="checkbox"/> Straddle 600	_____
	<input checked="" type="checkbox"/> Shale Packer 250	<input type="checkbox"/> EM Tool _____
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility _____	Sub Total <u>0</u>
	Sub Total <u>2737</u>	Total <u>2737</u>

Approved By [Signature] Our Representative [Signature]

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



# TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 65243 Date 7-23-19  
 Company Name Stelbrr oil corp  
 Lease Riney Trust #2-23 Test No. 2  
 County Scott Sec. 23 Twp. 18<sup>s</sup> Rng. 32<sup>w</sup>

## SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
 Oil \_\_\_\_\_ ML  
 Mud 200 ML  
 Water 1800 ML  
 Other \_\_\_\_\_ ML  
 Pressure 65 PSI ML  
 Total \_\_\_\_\_ ML

## PIT MUD ANALYSIS

Chlorides 2300 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 58  
 Mud Weight 9.0  
 Filtrate 6.4  
 Other LCM 2

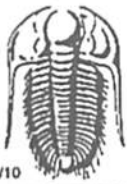
## SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
 Gravity \_\_\_\_\_ corrected @60F

## PIPE RECOVERY

**TOP**  
 Resistivity .15 ohms @ 91 F  
 Chlorides 37000 ppm.  
**MIDDLE**  
 Resistivity .15 ohms @ 91 F  
 Chlorides 38000 ppm.  
**BOTTOM**  
 Resistivity .15 ohms @ 91 F  
 Chlorides 37000 ppm.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65244

Well Name & No. Riney Trust 2-23 Test No. 3 Date 7-24-19  
 Company Stelbr oil corp Elevation 2986 KB 2973 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Dave Goldok Rig sterling 5  
 Location: Sec. 23 Twp 18S Rge. 32W Co. Scott State KS

Interval Tested 4364 4400 Zone Tested Merrinton  
 Anchor Length \_\_\_\_\_ 46 Drill Pipe Run 4176 Mud Wt. 9.4  
 Top Packer Depth \_\_\_\_\_ 4359 Drill Collars Run 177 Vis 71  
 Bottom Packer Depth \_\_\_\_\_ 4364 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth \_\_\_\_\_ 4410 Chlorides 4000 ppm System LCM 3

Blow Description IS! surface blow built to .63 died to 1/2.  
IS! No return.  
FS! No blow  
FS! No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud oil spots</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 Total 5 BHT 125 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2158</u>	<input checked="" type="checkbox"/> Test 1300	T-On Location <u>3:20</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>3:50</u>
(C) First Final Flow <u>21</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>5:36</u>
(D) Initial Shut-In <u>50</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>6:56</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>9:09</u>
(F) Second Final Flow <u>22</u>	<input checked="" type="checkbox"/> Mileage <u>12- 12</u>	Comments _____
(G) Final Shut-In <u>26</u>	<input checked="" type="checkbox"/> Sampler 250	_____
(H) Final Hydrostatic <u>2138</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> EM Tool _____

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 10  
 Final Shut-In 10

Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Sub Total 1887

Sub Total 1887  
 MP/DST Disc't \_\_\_\_\_

Approved By [Signature] Our Representative [Signature]

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



# TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 65244 Date 7-24-19  
 Company Name Stelbar oil corp  
 Lease Riney Trast 2-23 Test No. 3  
 County Scott Sec. 23 Twp. 18<sup>s</sup> Rng. 32<sup>w</sup>

### SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
 Oil \_\_\_\_\_ ML  
 Mud 2000 ML  
 Water \_\_\_\_\_ ML  
 Other \_\_\_\_\_ ML  
 Pressure 2 psi ML  
 Total \_\_\_\_\_ ML

### PIT MUD ANALYSIS

Chlorides 4000 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 71  
 Mud Weight 9.4  
 Filtrate 8.0  
 Other LCM 3

### SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
 Gravity \_\_\_\_\_ corrected @60F

### PIPE RECOVERY

**TOP**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.

**MIDDLE**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.

**BOTTOM**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.