

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

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

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

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

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

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

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

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

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

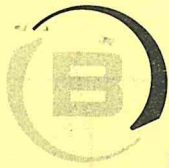
TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	ROWAN A 1-9
Doc ID	1376195

Tops

Name	Top	Datum
Stone Corral	1816	+907
Heebner Shale	4094	-1371
Lansing	4148	-1425
Muncie Creek	4388	-1665
Base Kansas City	4610	-1887
Marmaton	4628	-1905
Pawnee Lst.	4696	-1973
Cherokee Shale	4733	-2010
L. Cherokee Shale	4766	-2043
Ste. Genevieve	4854	-2131
St. Louis 'B' Zone	4900	-2177





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

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

TTMH= 42

FIELD SERVICE TICKET  
1718 16089 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <u>11-11-2017</u> DISTRICT _____		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 <u>STELBAR OIL CORPORATION</u>		LEASE <u>ROWAN "A"</u> WELL NO. <u>1-9</u>								
ADDRESS _____		COUNTY <u>GRAY</u> STATE <u>Ks.</u>								
CITY _____ STATE _____		SERVICE CREW <u>LESLEY, McGRAW, CLYMER, JUAN</u>								
AUTHORIZED BY _____		JOB TYPE: <u>CNW-8 5/8" S.P.</u> <u>Z-42</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>19843</u>	<u>5</u>						<u>11-11-17</u>			<u>12:00</u>
<u>19860</u>	<u>5</u>					ARRIVED AT JOB				<u>3:45</u>
<u>73768</u>	<u>5</u>					START OPERATION				<u>4:45</u>
						FINISH OPERATION				<u>8:45</u>
						RELEASED				<u>9:30</u>
						MILES FROM STATION TO WELL _____				

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: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-CON BLEND CEMENT	SK	500		9,000.00
CP 100C	COMMON CEMENT	SK	200		3,200.00
CC 102	CELLOFLAKE	lb	175		1,047.50
CC 109	CALCIUM CHLORIDE	lb	1786		1,875.30
CF 253	REGULAR GUIDE SHOE, 8 5/8"	EA	1		380.00
CF 1453	FLAPPER TYPE INSERT FLOAT VALVE, 8 5/8"	EA	1		280.00
CF 1753	CENTRALIZER, 8 5/8"	EA	3		270.00
E 100	PICKUP MILEAGE	MI	75		337.50
E 101	HEAVY EQUIPMENT MILEAGE	MI	225		1,168.75
E 113	BULK DELIVERY CHARGE	TM	2468		16,168.75
CE 202	DEPTH CHARGE; 1001'-2000'	HR	1-4		1,500.00
CE 240	BLENDING SERVICE CHARGE	SK	700		980.00
CE 504	PLUG CONTAINER UTILIZATION	JOB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00
CF 105	TOP RUBBER CMT. PLUG	EA	1		225.00
					\$ 26,976.55

SUB TOTAL 14,837.10

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	

TOTAL

SERVICE REPRESENTATIVE <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO. _____	





**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 16089 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <i>11/11</i>		DISTRICT		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 <i>ARIZONA</i>				LEASE <i>ARIZONA</i>				WELL NO. <i>1718</i>							
ADDRESS				COUNTY <i>CRANE</i>				STATE <i>KAN</i>							
CITY				STATE				SERVICE CREW <i>CRANE</i>							
AUTHORIZED BY				JOB TYPE: <i>REPAIR</i>											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME					
<i>11293</i>	<i>5</i>						<i>11/11/11</i>								
<i>11260</i>	<i>5</i>					ARRIVED AT JOB				<i>11:45</i>					
<i>11263</i>	<i>5</i>					START OPERATION				<i>12:45</i>					
						FINISH OPERATION				<i>1:45</i>					
						RELEASED				<i>1:45</i>					
						MILES FROM STATION TO WELL									

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

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SIGNED: *[Signature]*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<i>F 161</i>	<i>1/2" PORTLAND CEMENT</i>	<i>SK</i>	<i>500</i>		<i>1,125.00</i>
<i>F 100</i>	<i>GRAVEL</i>	<i>SK</i>	<i>200</i>		<i>2,000.00</i>
<i>CE 112</i>	<i>CRACK FILLER</i>	<i>LB</i>	<i>175</i>		<i>1,750.00</i>
<i>CE 101</i>	<i>PERFORM CHLORIDE</i>	<i>LB</i>	<i>175</i>		<i>1,750.00</i>
<i>F 253</i>	<i>REPAIR PUTTY 3/8"</i>	<i>EA</i>	<i>1</i>		<i>250.00</i>
<i>F 153</i>	<i>WATER TIGHT WELT 1/2" x 3/8"</i>	<i>EA</i>	<i>1</i>		<i>250.00</i>
<i>F 175</i>	<i>CENTRALIZER 3/8"</i>	<i>EA</i>	<i>3</i>		<i>750.00</i>
<i>F 100</i>	<i>TRUCK RENTAL</i>	<i>HR</i>	<i>75</i>		<i>2,250.00</i>
<i>CE 111</i>	<i>HEAVY DUTY PORTLAND CEMENT</i>	<i>SK</i>	<i>135</i>		<i>1,125.00</i>
<i>F 113</i>	<i>TRUCK RENTAL CHARGE</i>	<i>TOT</i>	<i>2462</i>		<i>7,386.00</i>
<i>CE 102</i>	<i>TRUCK RENTAL CHARGE</i>	<i>HR</i>	<i>109</i>		<i>3,270.00</i>
<i>CE 110</i>	<i>BLENDING SERVICE CHARGE</i>	<i>SK</i>	<i>70</i>		<i>1,400.00</i>
<i>CE 504</i>	<i>TRUCK RENTAL UTILIZATION</i>	<i>HR</i>	<i>1</i>		<i>250.00</i>
<i>S 113</i>	<i>STAKE SUPPLIER</i>	<i>EA</i>	<i>1</i>		<i>175.00</i>
<i>F 105</i>	<i>TOP RUBBER CURT. PLUG</i>	<i>EA</i>	<i>1</i>		<i>225.00</i>
					<i>\$ 26,976.55</i>

SUB TOTAL *14,837.10*

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		<i>[Signature]</i>

SERVICE REPRESENTATIVE *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)













**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 16093 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 11-17-11		DISTRICT		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		LEASE		WELL NO.						
ADDRESS		COUNTY		STATE						
CITY		STATE		SERVICE CREW						
AUTHORIZED BY		JOB TYPE:								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						MILES FROM STATION TO WELL				

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

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SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
F 103	500 POUNDS	SK	170		
F 100	1000 POUNDS	SK	20		
F 101	1000 POUNDS	SK	20		
CC 102	CALCIUM CHLORIDE	163	141		148.05
F 102	1000 POUNDS	SK	75		
F 101	1000 POUNDS	SK	150		
F 113	TRUCK DELIVERY CHARGE	CAI	728		6,818.75
F 202	WELDER CHARGE	HR	220		308.00
F 210	WELDING MIXING CHARGE	SK	220		308.00
S 103	TRUCK STEELER	CAI	1		

SUB TOTAL \$4,579.19

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE: _____	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
-------------------------------	---

FIELD SERVICE ORDER NO. \_\_\_\_\_

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



Customer <b>STELBAR OIL</b>	Lease No.	Date
Lease <b>ROWAN 'A'</b>	Well # <b>1-9</b>	<b>11-16/17-2017</b>
Field Order # <b>10043</b>	Station <b>PRATT, KS.</b>	Casing
Type Job <b>CNW - P.T.A.</b>	Depth	County <b>GRAY</b> State <b>KS</b>
Formation	Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>2 1/2" D.P.</b>	Tubing Size	Shots/Ft	<b>CMT-</b>	Acid <b>170SK 60/40 POZ</b>	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad <b>@ 1.43 CUFT<sup>3</sup></b>	Max		5 Min.	
Volume	Volume	From	To	Pad <b>Common</b>	Min		10 Min.	
Max Press	Max Press	From	To	Frac <b>@ 1.21 CUFT<sup>3</sup></b>	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 <b>TYLER</b>	Station Manager <b>WESTERMAN</b>	Treater <b>LESLEY</b>							
Service Units	<b>78268</b>	<b>24980</b>	<b>20920</b>	<b>19959</b>	<b>19918</b>				
Driver Names	<b>LESLEY</b>	<b>MARQUEZ</b>	<b>CLYMER</b>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:45 PM					ON LOCATION - SAFETY MEETING
8:30 PM					*POSSIBLE LOST CIRCULATION
?					FLUID @ 1400', 500' ABOVE BOTTOM OF D.P.
8:56 PM	0		5	5	H <sub>2</sub> O AHEAD <b>14603</b>
8:58 PM	0		11	5	MIX COMMON CMT. @ 15.6 PPG
9:00 PM	0		4.5	5	H <sub>2</sub> O BEHIND <b>141875</b>
11:30 PM					SHUT DOWN / LAG DOWN COLLARS & D.P.
?					TAG PLUG @ 1714'
5:30 AM					*PLUG #2 @ 880' w/ 50 SKS (H) 4/4 PZ
5:56 AM	200		5	5	H <sub>2</sub> O AHEAD
5:58 AM	100		12	5	MIX 50 SKS 60/40 POZ @ 13.78 PPG
6:00 AM	0		3	5	H <sub>2</sub> O BEHIND
					3RD PLUG @ 60'
7:00 AM	0		5	3	MIX 20 SKS 60/40 POZ
					CEMENT TO SURFACE <b>115721</b>
7:05 AM	0		7.5	1	PLUG R.H. & M.H. <b>210112</b>
					JOB COMPLETE,
					THANKS -
					KEVIN LESLEY





## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp, Inc.**

1625 N Waterfront  
PKWY #200  
Wichita, KS 67206

ATTN: Dave Goldak

### **Rowan A #1-9**

#### **9-26s-29w Gray KS**

Start Date: 2017.11.15 @ 16:15:00

End Date: 2017.11.16 @ 01:28:19

Job Ticket #: 64101                      DST #: 1

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

Printed: 2017.11.17 @ 11:50:28



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Stelbar Oil Corp, Inc.  
 1625 N Waterfront  
 PKWY #200  
 Wichita, KS 67206  
 ATTN: Dave Goldak

**9-26s-29w Gray KS**

**Rowan A #1-9**

Job Ticket: 64101

**DST#: 1**

Test Start: 2017.11.15 @ 16:15:00

## GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 18:37:15

Time Test Ended: 01:28:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 75

**Interval: 4892.00 ft (KB) To 4923.00 ft (KB) (TVD)**

Reference Elevations: 2723.00 ft (KB)

Total Depth: 4923.00 ft (KB) (TVD)

2710.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

**Serial #: 8289**

**Inside**

Press@RunDepth: 249.19 psig @ 4920.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.11.15

End Date:

2017.11.16

Last Calib.: 2017.11.15

Start Time: 16:15:02

End Time:

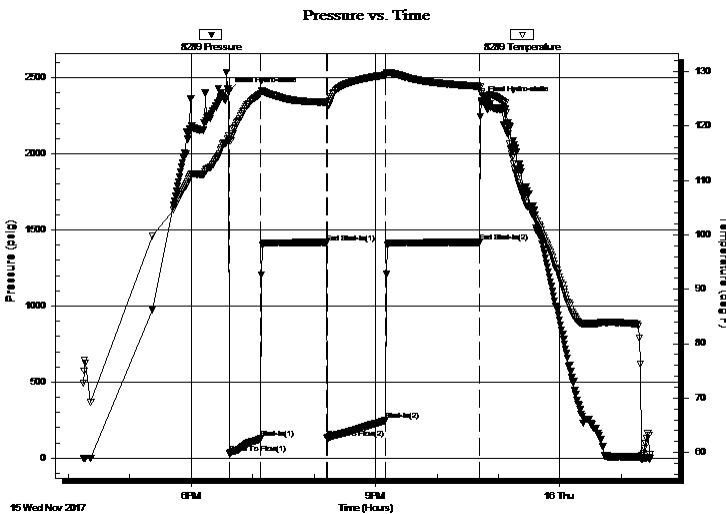
01:28:19

Time On Btm: 2017.11.15 @ 18:36:55

Time Off Btm: 2017.11.15 @ 22:43:15

**TEST COMMENT:** IF: BOB 24 min., strong building blow  
 IS: No blow back  
 FF: BOB 25 min., strong building blow  
 FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2410.27	118.20	Initial Hydro-static
1	29.58	117.27	Open To Flow (1)
31	127.75	125.95	Shut-In(1)
96	1417.69	124.35	End Shut-In(1)
96	132.24	123.79	Open To Flow (2)
154	249.19	129.38	Shut-In(2)
245	1418.31	127.29	End Shut-In(2)
247	2351.09	126.25	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
567.00	oil spotted gassy w ater 5%G, 95%W	6.85

## Gas Rates

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





# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Stelbar Oil Corp, Inc.

**9-26s-29w Gray KS**

1625 N Waterfront  
PKWY #200  
Wichita, KS 67206  
ATTN: Dave Goldak

**Rowan A #1-9**

Job Ticket: 64101

**DST#: 1**

Test Start: 2017.11.15 @ 16:15:00

### GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 18:37:15

Time Test Ended: 01:28:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 75

Interval: **4892.00 ft (KB) To 4923.00 ft (KB) (TVD)**

Reference Elevations: 2723.00 ft (KB)

Total Depth: 4923.00 ft (KB) (TVD)

2710.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

**Serial #: 6672 Outside**

Press@RunDepth: psig @ 4920.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.11.15 End Date: 2017.11.16

Last Calib.: 1899.12.30

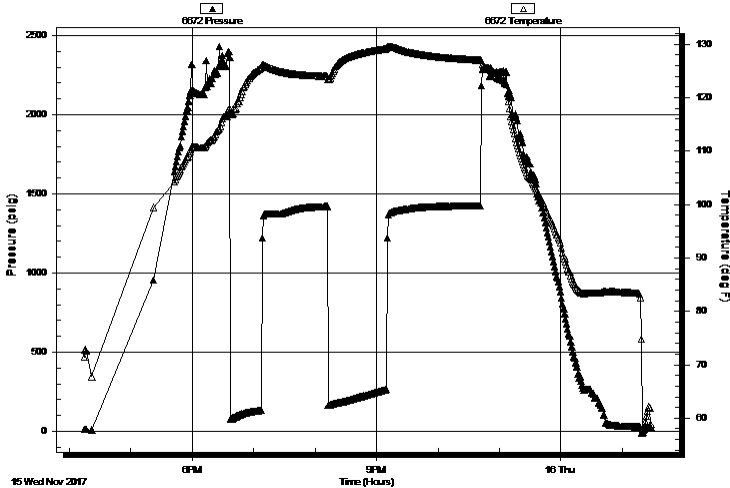
Start Time: 16:15:02 End Time: 01:28:30

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IF: BOB 24 min., strong building blow  
IS: No blow back  
FF: BOB 25 min., strong building blow  
FS: No blow back

Pressure vs. Time



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
567.00	oil spotted gassy water 5%G, 95%W	6.85

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp, Inc.

**9-26s-29w Gray KS**

1625 N Waterfront  
PKWY #200  
Wichita, KS 67206  
ATTN: Dave Goldak

**Rowan A #1-9**

Job Ticket: 64101

**DST#: 1**

Test Start: 2017.11.15 @ 16:15:00

## Tool Information

Drill Pipe:	Length: 4750.00 ft	Diameter: 3.80 inches	Volume: 66.63 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 67.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4892.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.78 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4862.00	
Shut In Tool	5.00			4867.00	
Sampler	3.00			4870.00	
Hydraulic tool	5.00			4875.00	
Jars	5.00			4880.00	
Safety Joint	3.00			4883.00	
Packer	5.00			4888.00	31.00 Bottom Of Top Packer
Packer	4.00			4892.00	
Stubb	1.00			4893.00	
Perforations	2.00			4895.00	
Perforations	25.00			4920.00	
Recorder	0.00	8289	Inside	4920.00	
Recorder	0.00	6672	Outside	4920.00	
Bullnose	3.00			4923.00	31.00 Bottom Packers & Anchor

**Total Tool Length: 62.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stelbar Oil Corp, Inc.

**9-26s-29w Gray KS**

1625 N Waterfront  
PKWY #200  
Wichita, KS 67206  
ATTN: Dave Goldak

**Rowan A #1-9**

Job Ticket: 64101

**DST#: 1**

Test Start: 2017.11.15 @ 16:15:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.79 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 1700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: 25000 ppm

deg API

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
567.00	oil spotted gassy w ater 5%G, 95%W	6.851

Total Length: 567.00 ft      Total Volume: 6.851 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

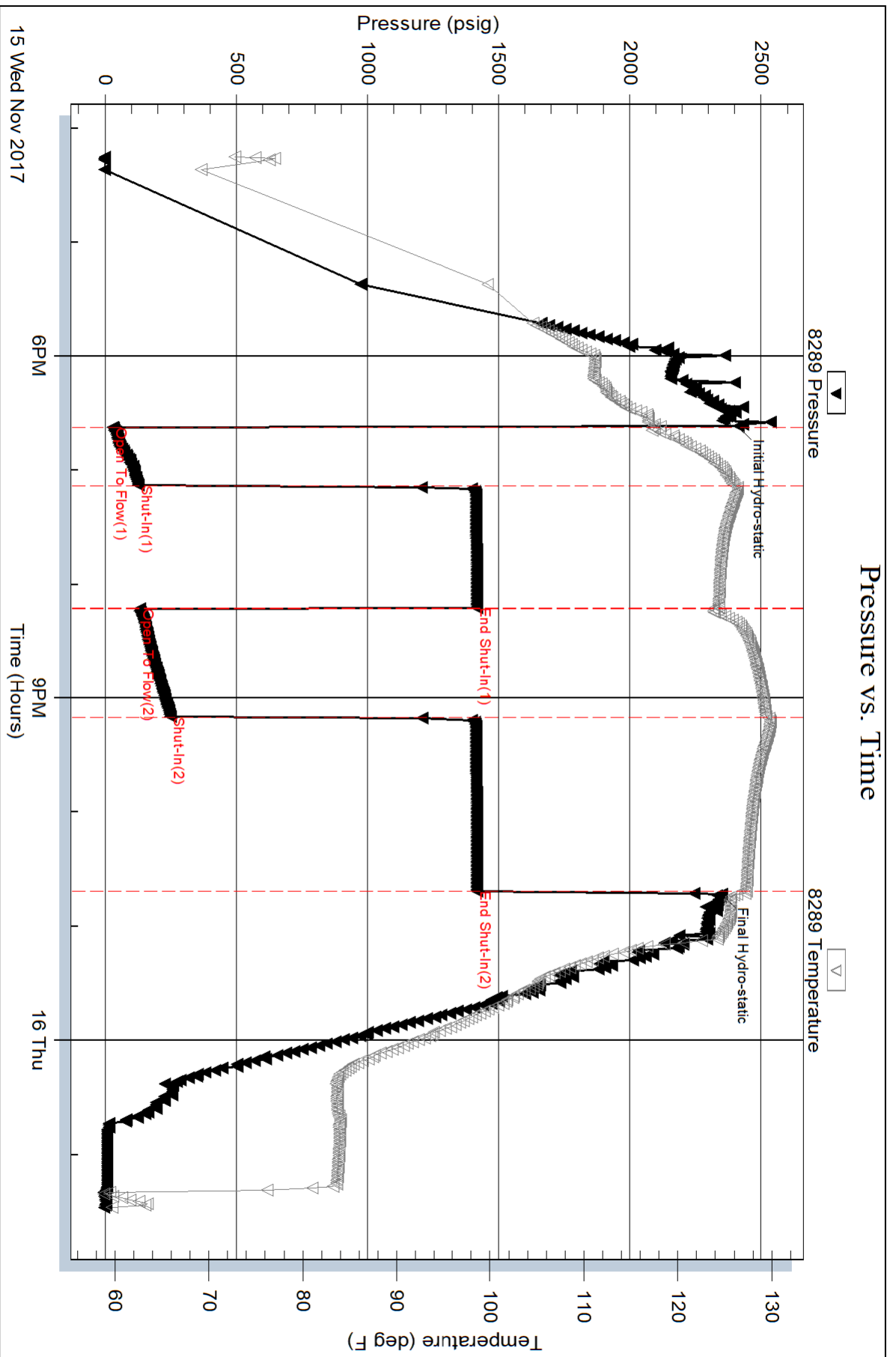
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 2000ml w ater

RW=.320@60F=25,000ppm



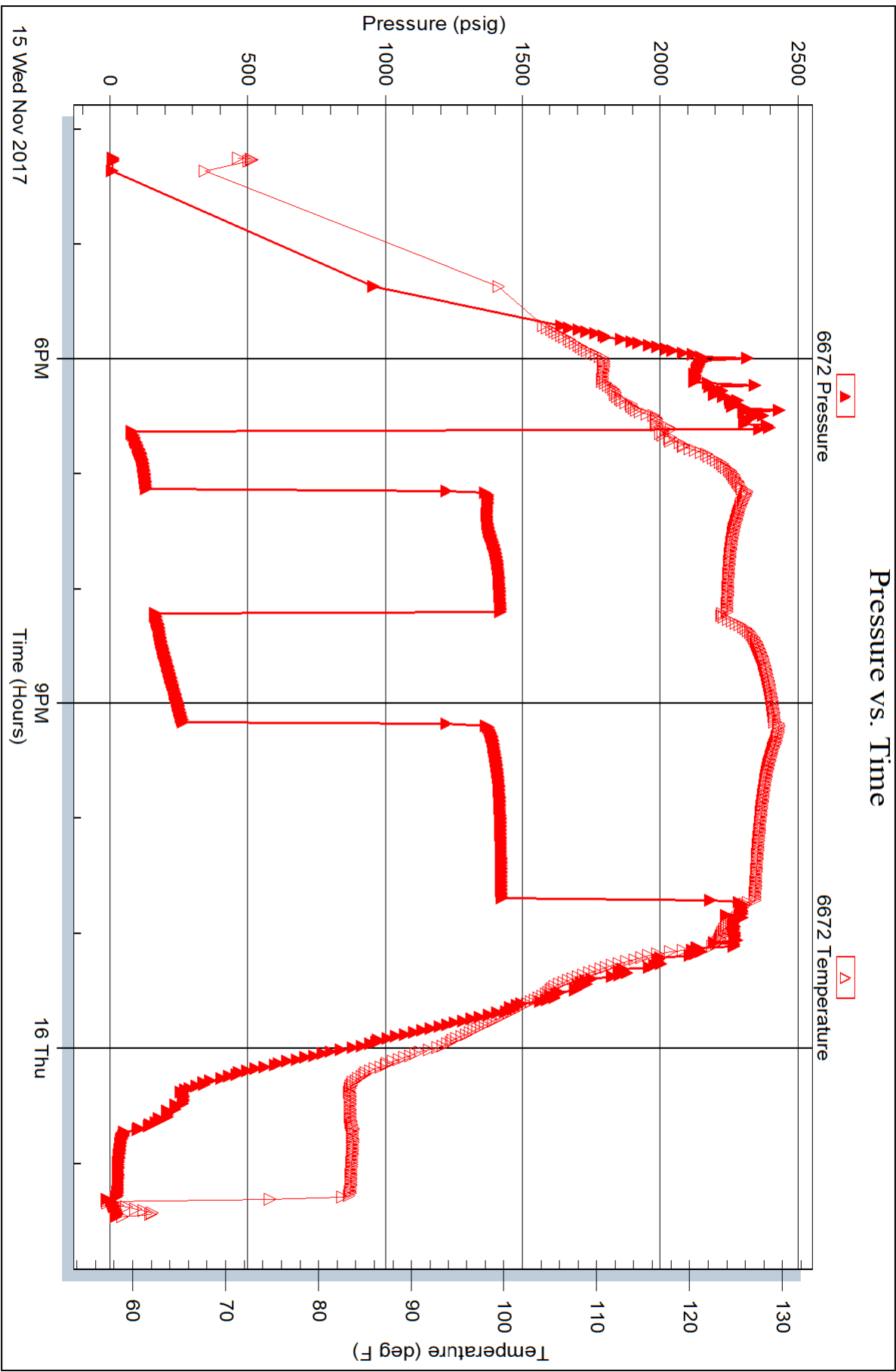
Serial #: 6672

Outside

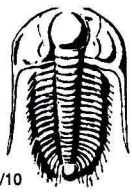
Stelbar Oil Corp. Inc.

Row an A #1-9

DST Test Number: 1







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **64104**

Well Name & No. Rowan A 1-9 Test No. 1 Date 11-15-17  
 Company Stelbar Oil Corp, INC. Elevation 2723 KB 2710 GL  
 Address 1625 N Waterfront PKWY #200 Wichita, KS 67206  
 Co. Rep / Geo. Dave Goldak Rig Sterling #5  
 Location: Sec. 9 Twp. 26 Rge. 29 Co. Gray State KS

Interval Tested 4892-4923 Zone Tested St. Louis  
 Anchor Length 31 Drill Pipe Run 4750 Mud Wt. 9.2  
 Top Packer Depth 4887 Drill Collars Run 121 Vis 51  
 Bottom Packer Depth 4892 Wt. Pipe Run N.A. WL 8.8  
 Total Depth 4923 Chlorides 1700 ppm System LCM 3#1229

Blow Description IF: BOB 24 min, strong building blow  
ISI: No blow back  
FF: BOB 25 min, strong building blow  
PSI: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>567</u>	<u>oil spotted gassy water</u>	<u>5</u>	<u>Spot</u>	<u>95</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

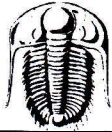
Rec Total 567 BHT 127 Gravity \_\_\_\_\_ API RW .320 @ 60 ° F Chlorides 25,000 ppm

(A) Initial Hydrostatic 2410  Test Conv 1150 T-On Location 1500  
 (B) First Initial Flow 30  Jars 250 T-Started 1600  
 (C) First Final Flow 128  Safety Joint 75 T-Open 1840  
 (D) Initial Shut-In 1418  Circ Sub \_\_\_\_\_ T-Pulled 2240  
 (E) Second Initial Flow 132  Hourly Standby \_\_\_\_\_ T-Out 0130  
 (F) Second Final Flow 249  Mileage 136rt 102 Comments Bats on @ 1615  
 (G) Final Shut-In 1418  Sampler 250  
 (H) Final Hydrostatic 2351  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1827  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 60  
 Final Shut-In 90  
 Sub Total 1827

Approved By [Signature] Our Representative [Signature] Chris Hegman

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.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 64104 Date 11-15-17

Company Name Stelbar O.I

Lease Rowan A 1-19 Test No. 1

County Carroll, KS Sec. 9 Twp. 26 Rng. 29

### SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
Oil \_\_\_\_\_ ML  
Mud \_\_\_\_\_ ML  
Water 2000 ML  
Other \_\_\_\_\_ ML  
Pressure 150 # ML  
Total 2000 ML

### PIT MUD ANALYSIS

Chlorides 1700 ppm.  
Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
Viscosity 51  
Mud Weight 9.2  
Filtrate 8.8  
Other 3 # LCM

### SAMPLER ANALYSIS

Resistivity .320 ohms @ 60 F  
Chlorides 25,000 ppm.  
Gravity \_\_\_\_\_ corrected @60F

### PIPE RECOVERY

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

# GEOLOGIC REPORT

## DAVID J. GOLDAK

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

Well Name: Rowan 'A' #1-9  
Location: Section 9 - T26S - R29W  
License Number: API: 15-069-20502  
Spud Date: 11 / 09 / 2017  
Surface Coordinates: 1650' FNL and 2310' FEL  
NW - SW - NE  
Region: Gray Co., KS  
Drilling Completed: 11 / 16 / 2017  
Bottom Hole Coordinates:  
Ground Elevation (ft): 2710' K.B. Elevation (ft): 2723'  
Logged Interval (ft): 4000' To: 4985' Total Depth (ft): 4985'  
Formation: Mississippian - St Louis  
Type of Drilling Fluid: Chemical - Mud-Co

Printed by WellSight Log Viewer 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-HA00TC	4-16s	1879'	1879'	28.00
2	7-7/8	JZ-HAIPG	3-15s	1949'	70'	0.75
3	7-7/8	JZ-PLT516	5-15s	4985'	3036'	55.75

SURVEYS: 1879'-1.00, 4923'-0.50

#### GENERAL DRILLING & PUMP INFORMATION:

Collars: 18 joints of collars (6.25"x2.25"): 536.47'  
Drilling: 14,000-16,000 lbs on bit and 100-110 RPM.  
Pumping: 65-70 S/M; 10.0-10.8 B/M; 900-1000 psi




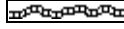
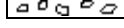
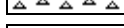
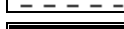







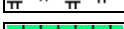

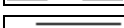

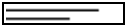

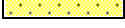
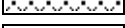


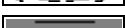





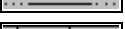

## Daily Status

11/09/17 - Spud at 8:00 PM  
 11/10/17 - 520' Drilling  
 11/11/17 - 1,750' Drilling; Set 8-5/8" csg @ 1,874'  
 11/12/17 - 1,879' WOC; DP @ 8:45 AM; Bit trip @ 1,949'  
 11/13/17 - 3,160' Drilling; Displace @ 3,479'  
 11/14/17 - 4,345' Drilling  
 11/15/17 - 4,850' Drilling; DST #1 @ 4,923'  
 11/16/17 - 4,953' Drilling; Lost circ @ 4,985'; RTD @ 4,985'






















































































## DSTs

DST #1: 4,892' - 4,923' (Miss. St Louis)  
 30" - 60" - 60" - 90"  
 IF: Blow building to BOB in 24 minutes  
 ISi: No blow back  
 FF: Blow building to BOB in 25 minutes  
 FSI: No blow back  
 RECOVERY: 567' Total Fluid, consisting of:  
 567' OSGW (5% G & 95% W)  
 Sampler: 2000 ml Water @ 150 psi  
 SIP: 1418-1418; FP: 30-128, 132-249; HP: 2410-2351; BHT: 127

## ROCK TYPES

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

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

#### POROSITY TYPE

- E Earthy
- F Fenest
- X Fracture
- I Inter
- M Moldic
- O Organic
- P Pinpoint
- V Vuggy

#### SORTING

- W Well
- M Moderate
- P Poor

#### ROUNDING

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

#### OIL SHOWS

- Even
- ◉ Spotted
- ◻ Ques
- ◻ Dead
- ⊠ Gas show

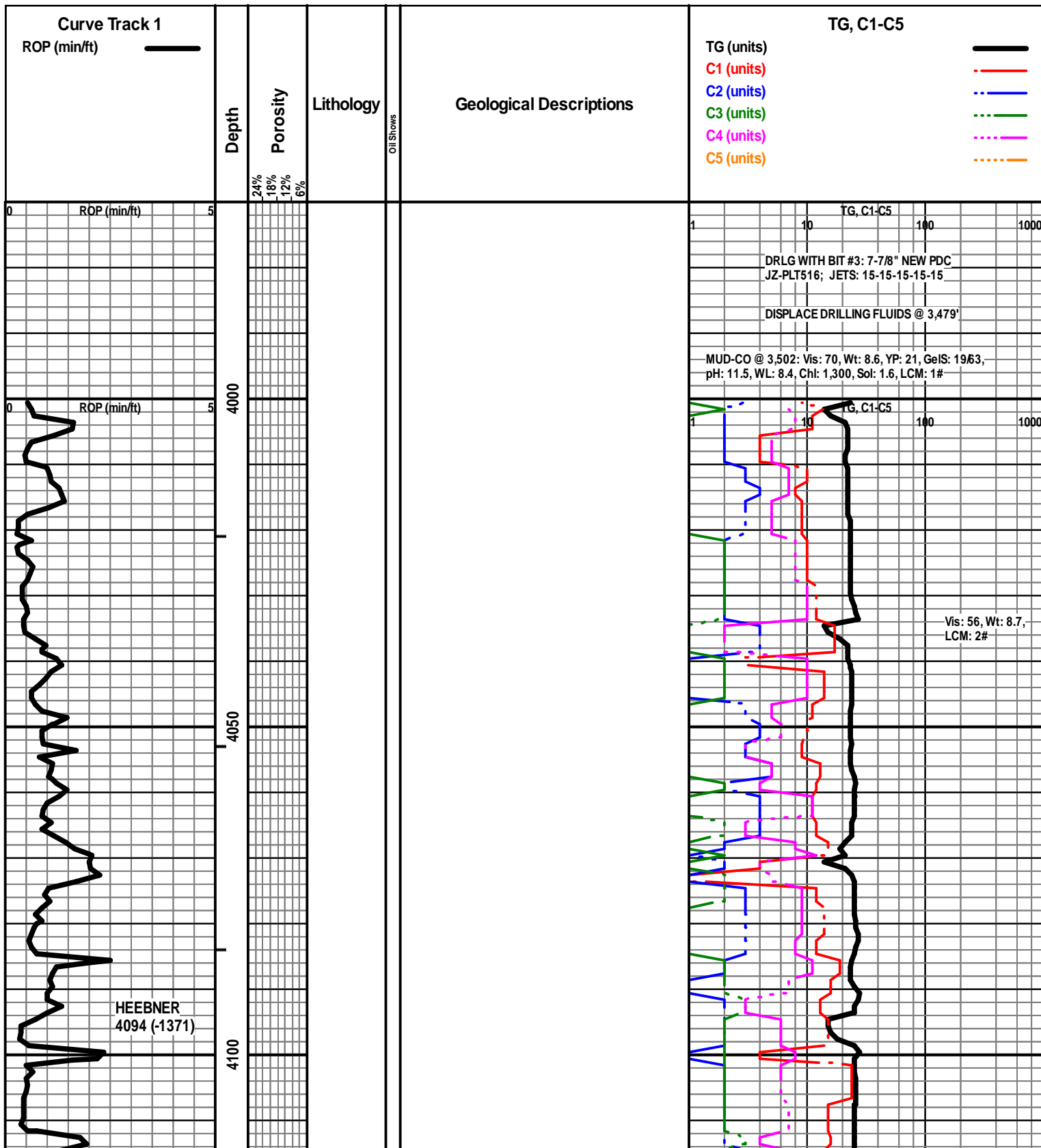
#### INTERVALS

- Core
- ◻ Dst

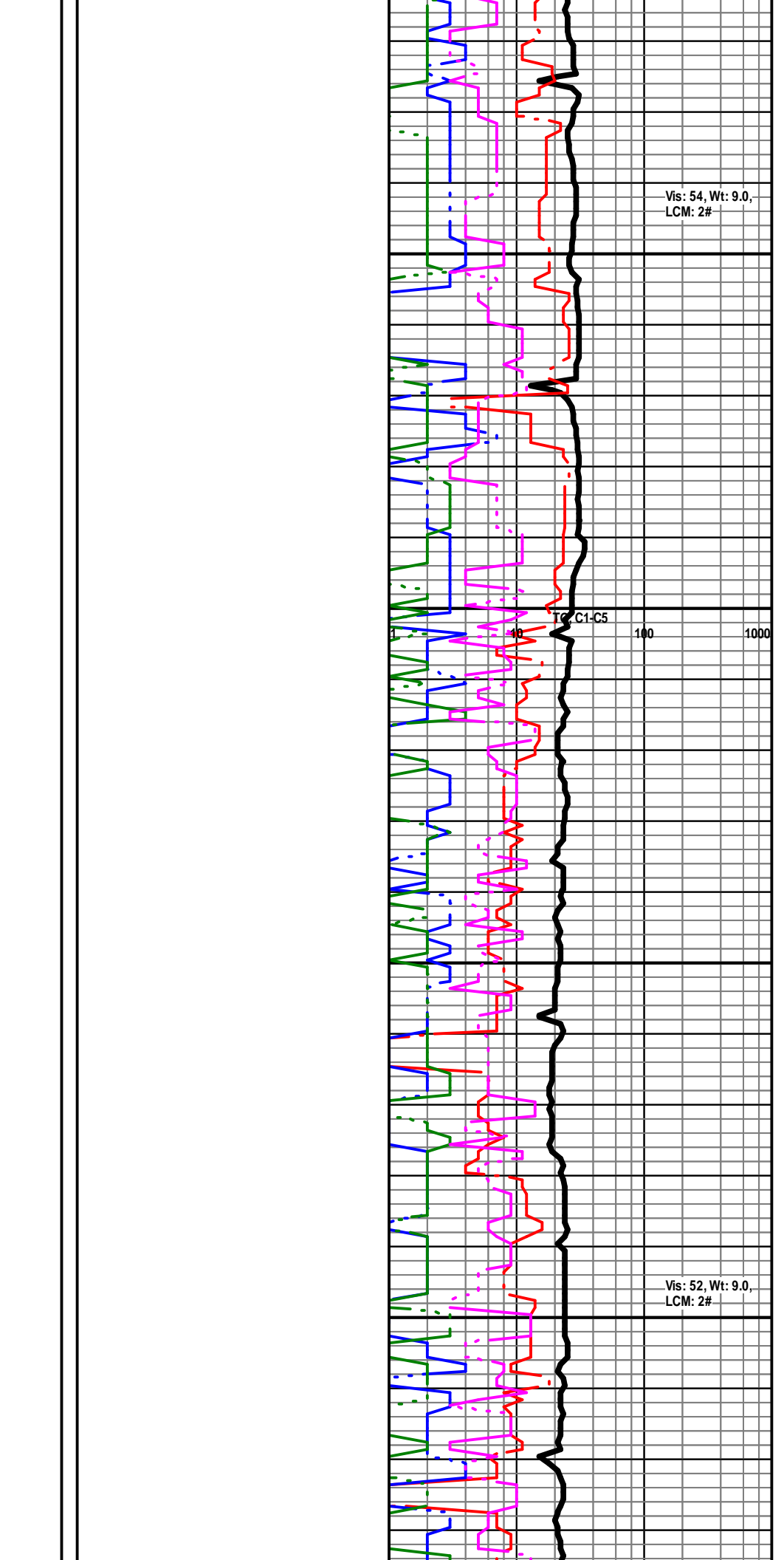
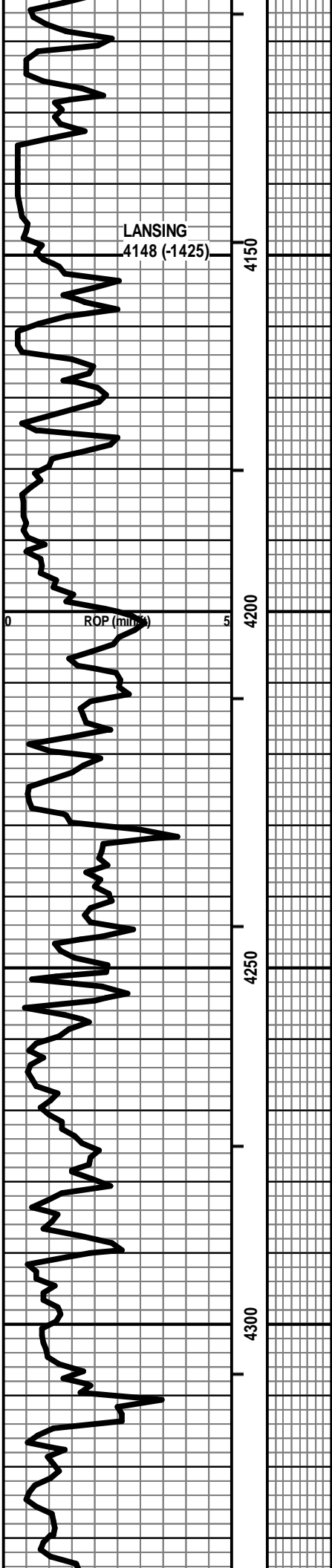
- Dst\_1\_t
- Dst\_1\_b
- Dst

#### EVENTS

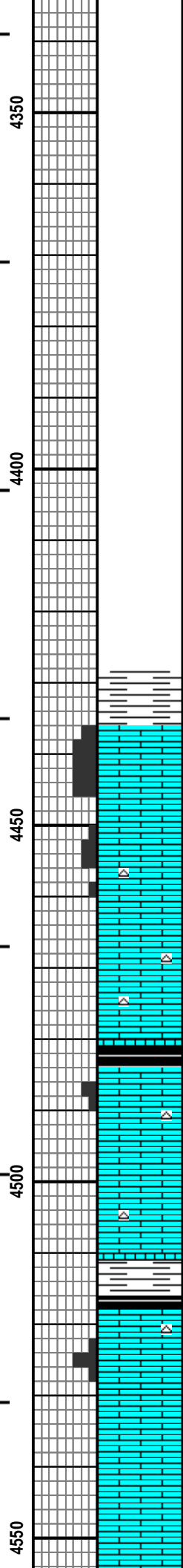
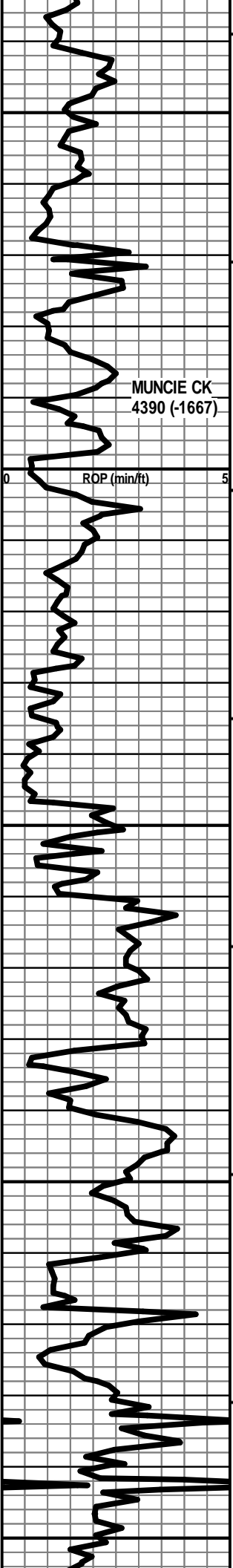
- ▽ Rft
- ▾ Sidewall
- ▬ Conn



HEEBNER  
4094 (-1371)







LS - CRM / TAN / GY, F / VF XLN, OOL, F / G OOM POR, SCAT CHKY, NS

ON LOCATION @ 4,440'

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

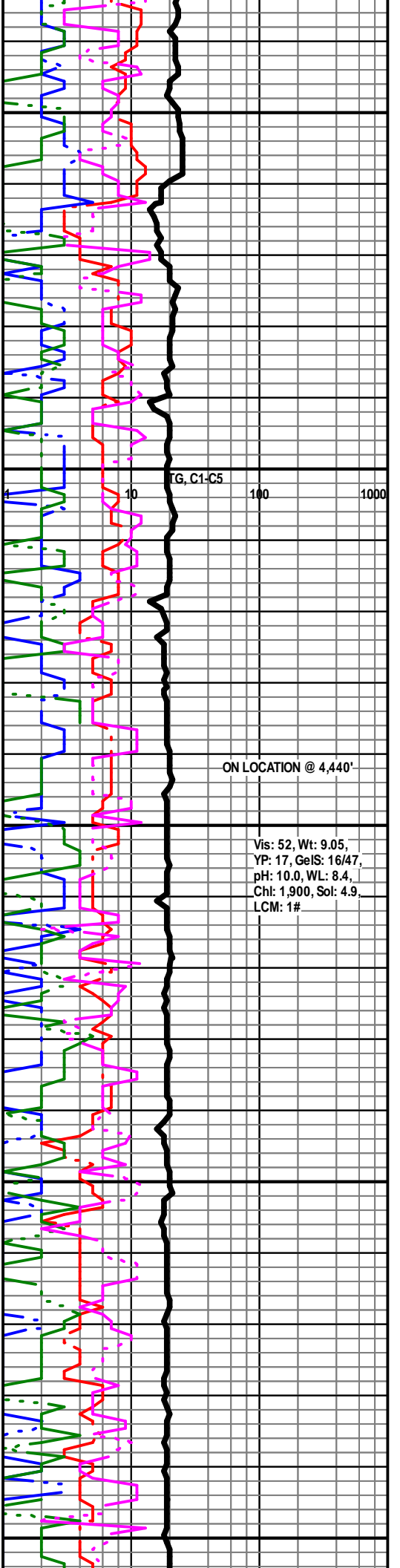
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YP: 17, GelS: 16/47,  
pH: 10.0, WL: 8.4,  
Chl: 1,900, Sol: 4.9,  
LCM: 1#

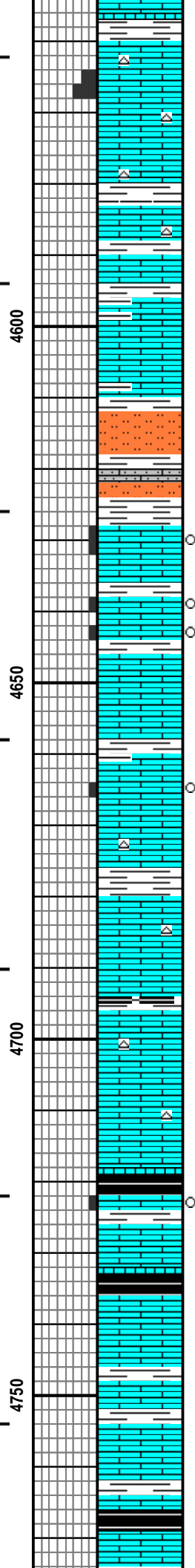
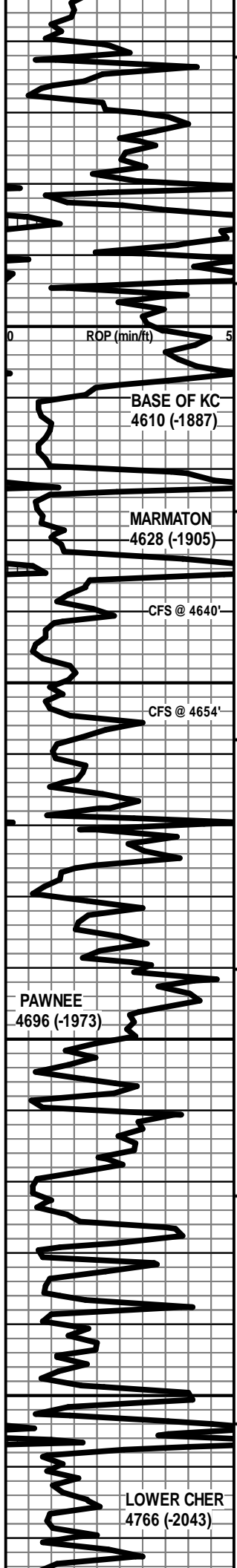
LS - ASABOVE, DNS, NS W/SH - BLK, CARB W/LS - CRM / TAN, F / VF XLN, OOL IN PT, P / F OOM POR IN PT TO DNS, NS W/ CHT - LT GY / WHT

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

SH - GY / BLK, CARB IN PT W/LS - PRED TAN / BRN, SCAT CRM / LT GY, F / VF XLN, SL OOL + FOSS, SCAT P / G OOM POR, PRED DNS TO CHKY, NS W/ SCAT CHT - LT GY

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





LS - ASABOVE W/LS - CRM / LT GY / SCAT TAN, MOT IN PT, F / VF XLN, OOL IN PT, P / F OOM POR IN PT, SCAT INTXLN POR, NS W/ CHT - LT GY

LS - TAN / BRN / GY, VF / F XLN, OOL IN PT, SL FOSS, PRED DNS, NS W/ CHT - LT GY / TAN W/ SH - GY

LS - BRN / GY, MOT IN PT, F / VF XLN, SCAT REXLN CALC, SCAT AREN, PRED DNS, NS W/ SH - GY

SH AND SLTST - PRED GY

LS - CRM / TAN, F XLN, OOL IN PT, P / SCAT F INTOOL / INTXLN POR, SCAT CHKY, SSGB, NSFO, FT ODOR, NO STN

LS - TAN / BY / BRN, MOT IN PT, F XLN, SCAT REXLN CALC, SCAT P INTXLN POR, SSGB, TR FO, F ODOR, NO STN

LS - SIM TO ABOVE, TAN / CRM, F XLN, SCAT REXLN CALC, TR P INTXLN POR, PRED DNS, VSSGB, VSSFO, F ODOR, TR SPTY STN, TR FLUOR + P / F CUT W/ MOD AMT SH - GY

LS - TAN / CRM / SCAT GY, F XLN, SCAT REXLN CALC, OOL IN PT, TR P INTXLN POR, PRED DNS, VSSFO, F ODOR, TR SPTY STN, TR FLUOR + P / F CUT

LS - TAN / CRM, VF / F XLN, SL FOSS + OOL, CHKY IN PT, PRED DNS, NS W/ CHT - TAN W/ MOD AMT SH - GY

LS - CRM / WHT / LY GY, VF / F XLN, SL FOSS, TR OOL, TR P INTXLN POR, CHKY IN PT, PRED DNS, NS W/ CHT - LT GY / WHT

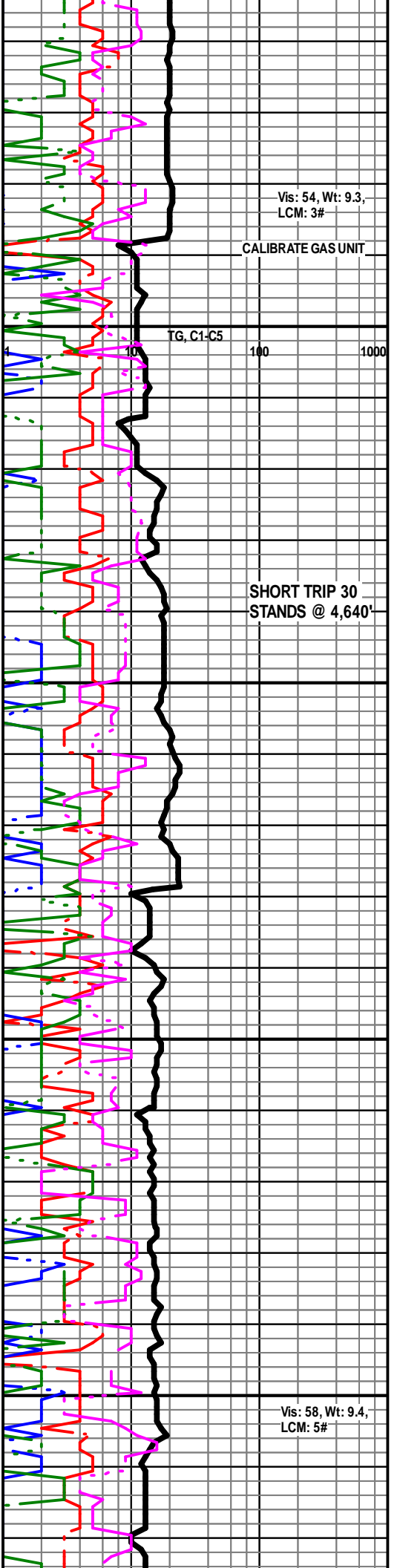
LS - V SIM TO ABOVE, PRED DNS / CHLY, NS W/ TR LS - TAN / CRM, F XLN, F / M REXLN CALC, TR P / F INTXLN POR, TR FO, FT ODOR, TR SPTY STN, TR FLUOR + P / G CUT W/ SH - BLK, CARB

**CHEROKEE 4733 (-2010)**

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

LS - TAN / GY / BRN, MOT IN PT, VF / F XLN, SL FOSS, PRED DNS, NS W/ MOD ABNT SH - PRED GY

LS - TAN / GY MOT IN PT, PRED VF XLN, OOL IN PT



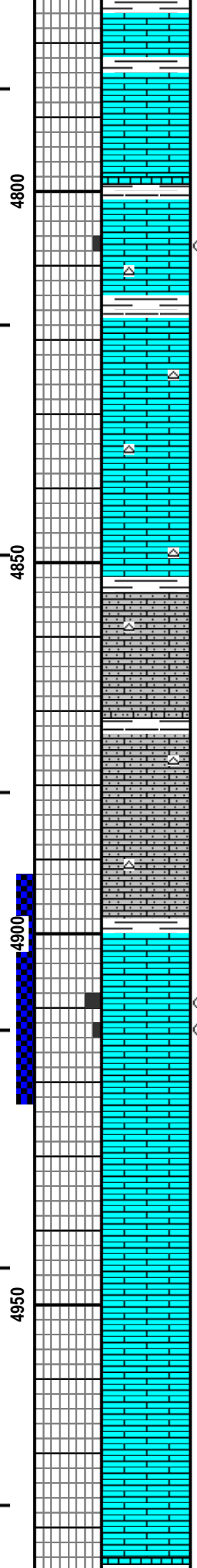
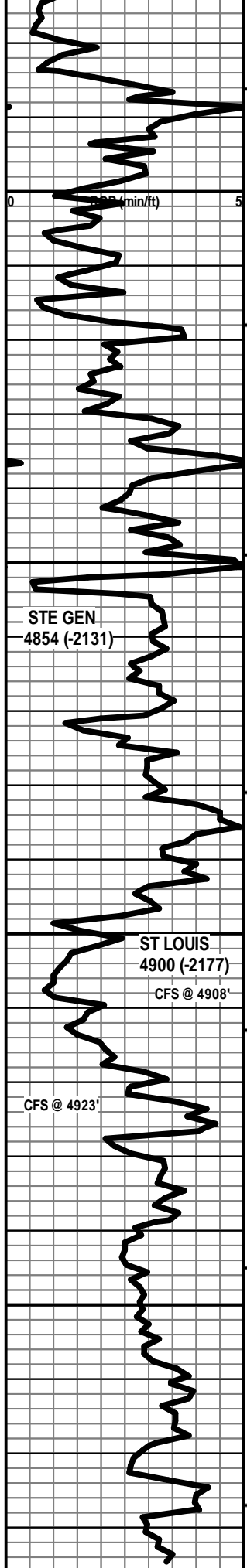
Vis: 54, Wt: 9.3, LCM: 3#

CALIBRATE GAS UNIT

TG, C1-C5 100 1000

SHORT TRIP 30 STANDS @ 4,640'

Vis: 58, Wt: 9.4, LCM: 5#



LS - CRM / TAN / WHT, F / VF XLN, SCAT REXLN CALC, FOSS IN PT, CHKY IN PT, PRED DNS, NS

LS - CRM / TAN / BRN, MOT IN PT, F / VF XLN, SCAT REXLN CALC, SL FOSS, SCAT P INTXLN POR, SSFO, FT ODOR, SCAT SPTY STN, SCAT F / G FLUOR + CUT, PRED DNS W/ SCAT CHT - LT GY / WHT / TAN

LS - CRM / TAN / BRN, MOT IN PT, F / VF XLN, SCAT REXLN CALC, SL FOSS, SUBCHKY IN PT, PRED DNS, NS W/ SCAT CHT - LT GY / WHT / TAN

LS - CRM / WHT, VF XLN, OOL, AREN, VF QTZ GR, SL GLAUC, SCAT CHKY, PRED DNS, NS W/ LS - SIM TO ABOVE, CRM / TAN / BRN, MOT IN PT, F / VF XLN, SCAT REXLN CALC, PRED DNS W/ SCAT CHT - AS ABOVE

LS - CRM / WHT, VF XLN, OOL, AREN, VF QTZ GR, SL GLAUC, SCAT CHKY, PRED DNS, NS W/ SCAT CHT - LT GY / WHT / TAN, OOL IN PT

LS - AS ABOVE W/ SCAT CHT - AS ABOVE

SH - LT GRN W/ ABNT MUDSTONE / LS - LT GRN / LT GY / SCAT CRM, MOT IN PT, SL OOL + FOSS, ARGIL / DNS, NS

MUDSTONE / LS - AS ABOVE W/ SCAT LS - CRM, F XLN, OOL, P / F INTOOL POR, CHKY IN PT, SL / F SFO, FT ODOR, SPTY STN, F / G FLUOR + CUT W/ SCAT M / C REXLN CALC, P / F INTXLN POR, S / F SFO, FT ODOR, SPTY STN, P / G FLUOR + CUT W/ LS - CRM / TAN, F / VF XLN, OOL IN PT, PRED CHKY / DNS, NS

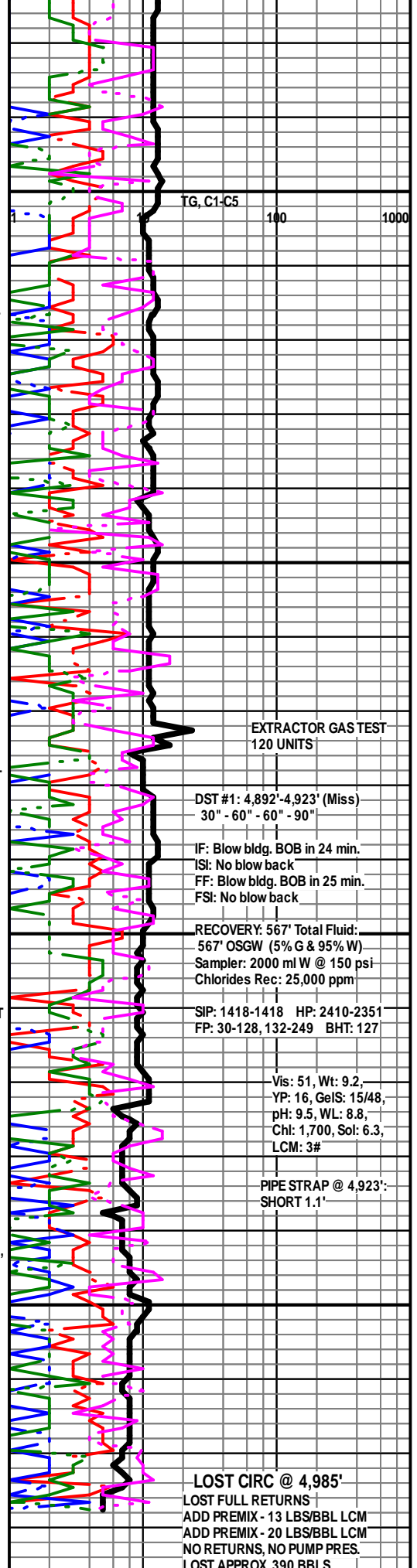
LS - CRM / WHT / TAN, F / VF XLN, SCAT REXLN CALC, OOL IN PT, AREN IN PT, SCAT P / F INTXLN POR, TR P INTOOL POR, CHKY IN PT / PRED DNS, VSSFO IN REXLN CALC, NS IN INTOOL POR, NO ODOR W/ SCAT CHT - LT GY / WHT

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

LS - CRM / TAN / GY / WHT, MOT IN PT, SCAT REXLN CALC, OOL IN PT, AREN IN PT, P / NO VIS POR, PRED DNS / SUBCHKY, NS

NO SAMPLES DUE TO LOST RETURNS

TOTAL DEPTH 4985 (-2262)



TG, C1-C5 100 1000

EXTRACTOR GAS TEST  
120 UNITS

DST #1: 4,892'-4,923' (Miss)  
30" - 60" - 60" - 90"

IF: Blow bldg. BOB in 24 min.  
ISI: No blow back  
FF: Blow bldg. BOB in 25 min.  
FSI: No blow back

RECOVERY: 567' Total Fluid:  
567' OSGW (5% G & 95% W)  
Sampler: 2000 ml W @ 150 psi  
Chlorides Rec: 25,000 ppm

SIP: 1418-1418 HP: 2410-2351  
FP: 30-128, 132-249 BHT: 127

Vis: 51, Wt: 9.2,  
YP: 16, GeIS: 15/48,  
pH: 9.5, WL: 8.8,  
Chl: 1,700, Sol: 6.3,  
LCM: 3#

PIPE STRAP @ 4,923':  
SHORT 1.1'

LOST CIRC @ 4,985'  
LOST FULL RETURNS  
ADD PREMIX - 13 LBS/BBL LCM  
ADD PREMIX - 20 LBS/BBL LCM  
NO RETURNS, NO PUMP PRES.  
LOST APPROX. 390 BBLs



