

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1267447
OIL & GAS CONSERVATION DIVISION

Form ACO-1
November 2016
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 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: _____

1267447

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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				

- Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
- Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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>	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	Samuel Gary Jr. & Associates, Inc.
Well Name	LEWIS 1-18
Doc ID	1267447

All Electric Logs Run

DEN-NEUT
INDUCTION
MICRO
SONIC

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 950

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-23-15	18	5	35	Rawlins	KS		12:00 AM
Location <i>Levant 14N to CL 2N 4W 2N</i>							

Lease <i>Lewis</i>	Well No. <i>1-18</i>	Owner
Contractor <i>Martin 24</i>		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job <i>Surface</i>		
Hole Size <i>12 1/4</i>	T.D. <i>346'</i>	Charge To <i>Sam Gary Jr</i>
Csg. <i>8 5/8</i>	Depth <i>346'</i>	Street
Tbg. Size	Depth	City
Tool	Depth	State
Cement Left in Csg. <i>20'</i>	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line	Displace <i>20 3/4 bbl</i>	Cement Amount Ordered <i>250 cum 3 1/2 cc 2 1/2 gal</i>

EQUIPMENT

Pumptrk <i>5</i>	No.	Cementer <i>David</i>	Common <i>250</i>
		Helper	Poz. Mix
Bulktrk <i>21</i>	No.	Driver <i>Doug</i>	Gel. <i>5</i>
		Driver	Calcium <i>9</i>
Bulktrk <i>PU</i>	No.	Driver <i>Brett</i>	

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling <i>264</i>
	Mileage

FLOAT EQUIPMENT

<i>Cement</i>	Guide Shoe
<i>Circulated!!</i>	Centralizer <i>1</i>
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge *54 Surface*
Mileage *54*

Tax
Discount
Total Charge

X Signature *Crutcher, D. [Signature]*



CONSOLIDATED
Oil Well Services, LLC

3403
3323

TICKET NUMBER 49463
LOCATION Oakley, KS
FOREMAN Kelly Gabe

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

INVOICE # 881812 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-1-15	3324	Lewis 1-8	18	5	35	Rawlins
CUSTOMER			Levant			
MAILING ADDRESS			N to RDC			
CITY			W to RDC			
STATE			New			
ZIP CODE			2 mile into			
TRUCK #		DRIVER		TRUCK #		DRIVER
731		Jeremy				
693		Lance				

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4800 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 142 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting, rigged up on Murtin #24, mixed Plugs
& displaced as ordered
50 @ 3035
100 @ 2220
50 @ 400
10 @ 40/w/wiper Plug
30RH
20MH

Thank You
Kelly Gabe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	1500.00
CE0002	30 mi	MILEAGE	7.15	214.50
CE0715	1118	Ton mileage delivery	1.75	660.00
CE5829	260 SKS	Liteweight Blend V	16.00	4160.00
CE5965	894 #	Gel	.30	268.20
CE6075	65 #	celloflake	2.00	130.00
CE8228	1	8 5/8 wooden Plug	165.00	165.00
			Sub	7097.70
			Less	3390
			Total	4755.46
			SALES TAX	261.08
			ESTIMATED TOTAL	5016.54

AUTHORIZATION Anthony M... TITLE Pusher Rig #24 DATE 7-1-15

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Ass., Inc
 1515 Wynkoop Ste 700
 Denver, CO 80202
 ATTN: Chris Mitchell

Sec. 18-5s-35w Rawlins, KS
Lewis 1-18
 Job Ticket: 62474 **DST#: 1**
 Test Start: 2015.06.28 @ 19:29:00

GENERAL INFORMATION:

Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:15:39
 Time Test Ended: 04:55:49
Interval: 4357.00 ft (KB) To 4385.00 ft (KB) (TVD)
 Total Depth: 4385.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Phillip Gage
 Unit No: 77
 Reference Elevations: 3333.00 ft (KB)
 3328.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8898

Outside

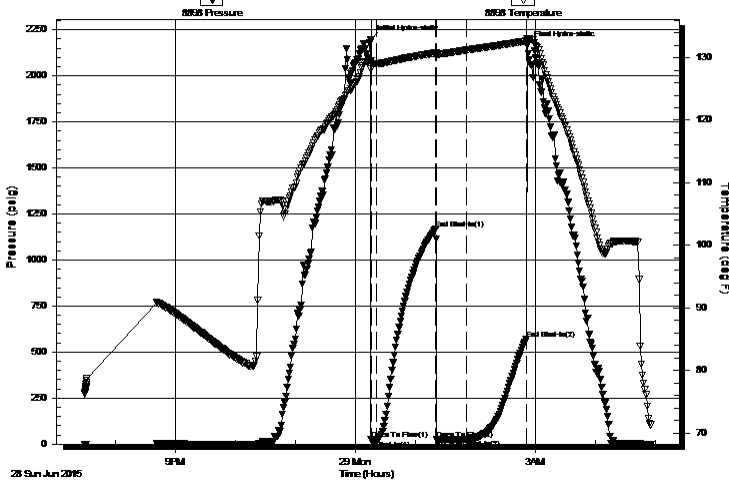
Press @ RunDepth: 26.42 psig @ 4358.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.06.28 End Date: 2015.06.29 Last Calib.: 2015.06.29
 Start Time: 19:29:01 End Time: 04:55:49 Time On Btm: 2015.06.29 @ 00:15:30
 Time Off Btm: 2015.06.29 @ 02:52:00

TEST COMMENT: 5-IF- Built to 1/4"
 60-ISI-No Return
 30-FF-No Blow
 60-FSI-No Return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.34	129.51	Initial Hydro-static
1	23.89	128.17	Open To Flow (1)
6	22.50	129.02	Shut-In(1)
66	1170.19	130.76	End Shut-In(1)
66	24.37	130.16	Open To Flow (2)
96	26.42	131.20	Shut-In(2)
156	569.96	132.65	End Shut-In(2)
157	2163.19	133.08	Final Hydro-static

Pressure vs. Time



Recovery

Length (ft)	Description	Volume (bbl)
3.00	M, w ith oil spots, 100% m	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Ass., Inc

Sec. 18-5s-35w Rawlins, KS

1515 Wynkoop Ste 700
Denver, CO 80202

Lewis 1-18

Job Ticket: 62474

DST#: 1

ATTN: Chris Mitchell

Test Start: 2015.06.28 @ 19:29:00

GENERAL INFORMATION:

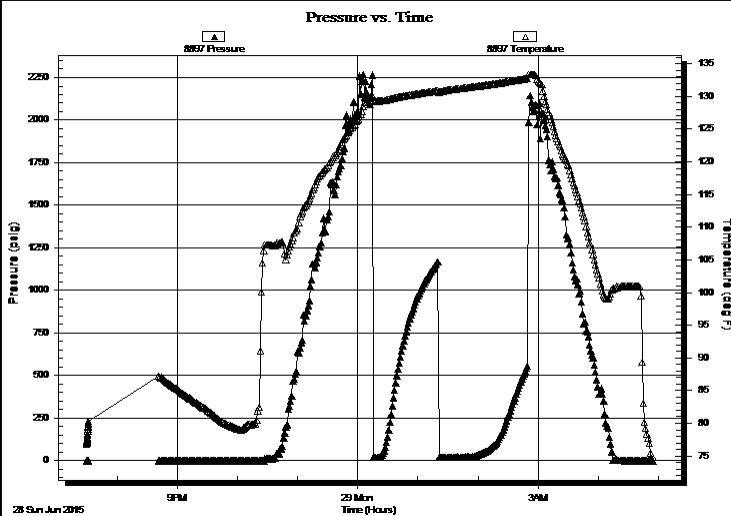
Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:15:39
 Time Test Ended: 04:55:49
 Interval: **4357.00 ft (KB) To 4385.00 ft (KB) (TVD)**
 Total Depth: 4385.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Phillip Gage
 Unit No: 77
 Reference Elevations: 3333.00 ft (KB)
 3328.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8897

Inside

Press @ RunDepth: psig @ 4358.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.06.28 End Date: 2015.06.29 Last Calib.: 2015.06.29
 Start Time: 19:29:01 End Time: 04:55:19 Time On Btm:
 Time Off Btm:

TEST COMMENT: 5-IF- Built to 1/4"
 60-ISI-No Return
 30-FF-No Blow
 60-FSI-No Return



PRESSURE SUMMARY

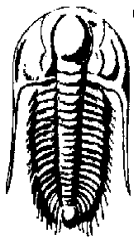
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
3.00	M, w ith oil spots, 100% m	0.01

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Ass., Inc

Sec. 18-5s-35w Rawlins, KS

1515 Wynkoop Ste 700
Denver, CO 80202

Lewis 1-18

Job Ticket: 62474

DST#: 1

ATTN: Chris Mitchell

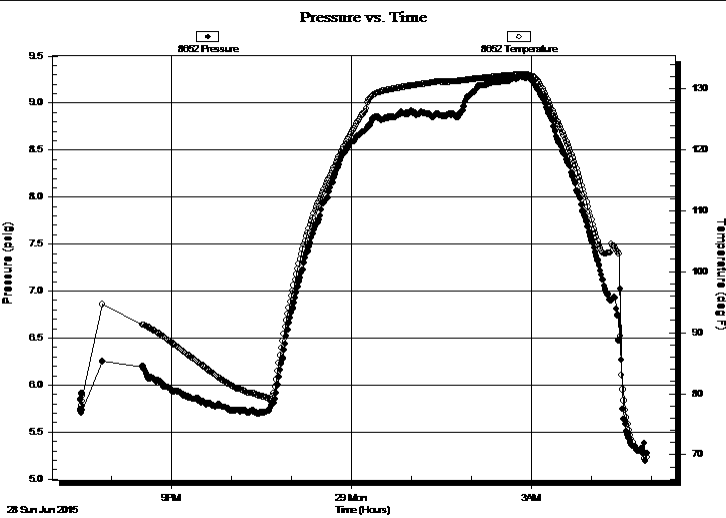
Test Start: 2015.06.28 @ 19:29:00

GENERAL INFORMATION:

Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:15:39
 Time Test Ended: 04:55:49
 Interval: **4357.00 ft (KB) To 4385.00 ft (KB) (TVD)**
 Total Depth: 4385.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Phillip Gage
 Unit No: 77
 Reference Elevations: 3333.00 ft (KB)
 3328.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8652 Fluid
 Press @ RunDepth: psig @ 4325.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.06.28 End Date: 2015.06.29 Last Calib.: 2015.06.29
 Start Time: 19:29:05 End Time: 04:55:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: 5-IF- Built to 1/4"
 60-ISI-No Return
 30-FF-No Blow
 60-FSI-No Return



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

Recovery		
Length (ft)	Description	Volume (bbl)
3.00	M, w ith oil spots, 100%m	0.01

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Ass., Inc

Sec. 18-5s-35w Rawlins, KS

1515 Wynkoop Ste 700
Denver, CO 80202

Lewis 1-18

Job Ticket: 62474

DST#: 1

ATTN: Chris Mitchell

Test Start: 2015.06.28 @ 19:29:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 6.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	M, w ith oil spots, 100%m	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

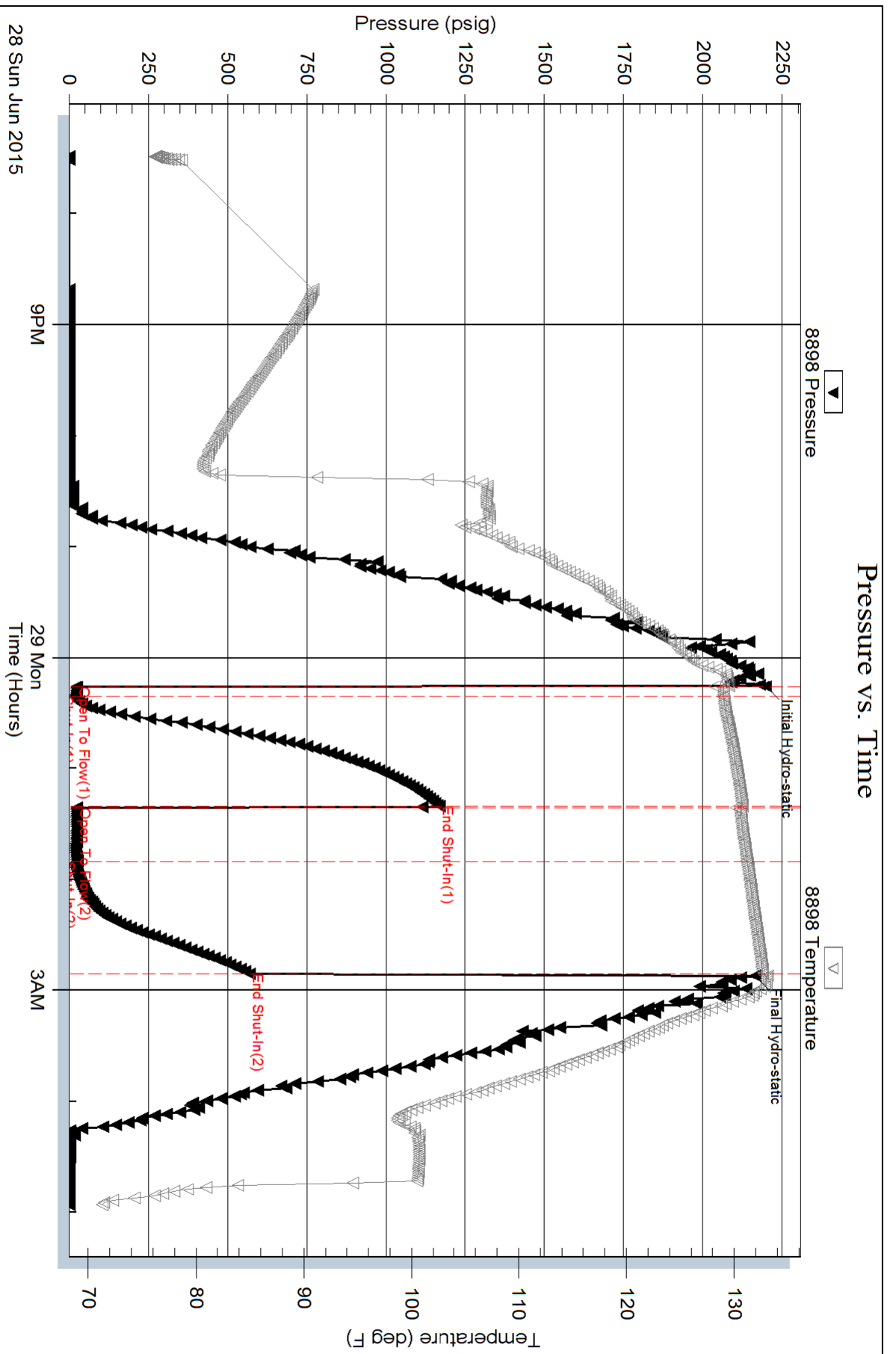
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



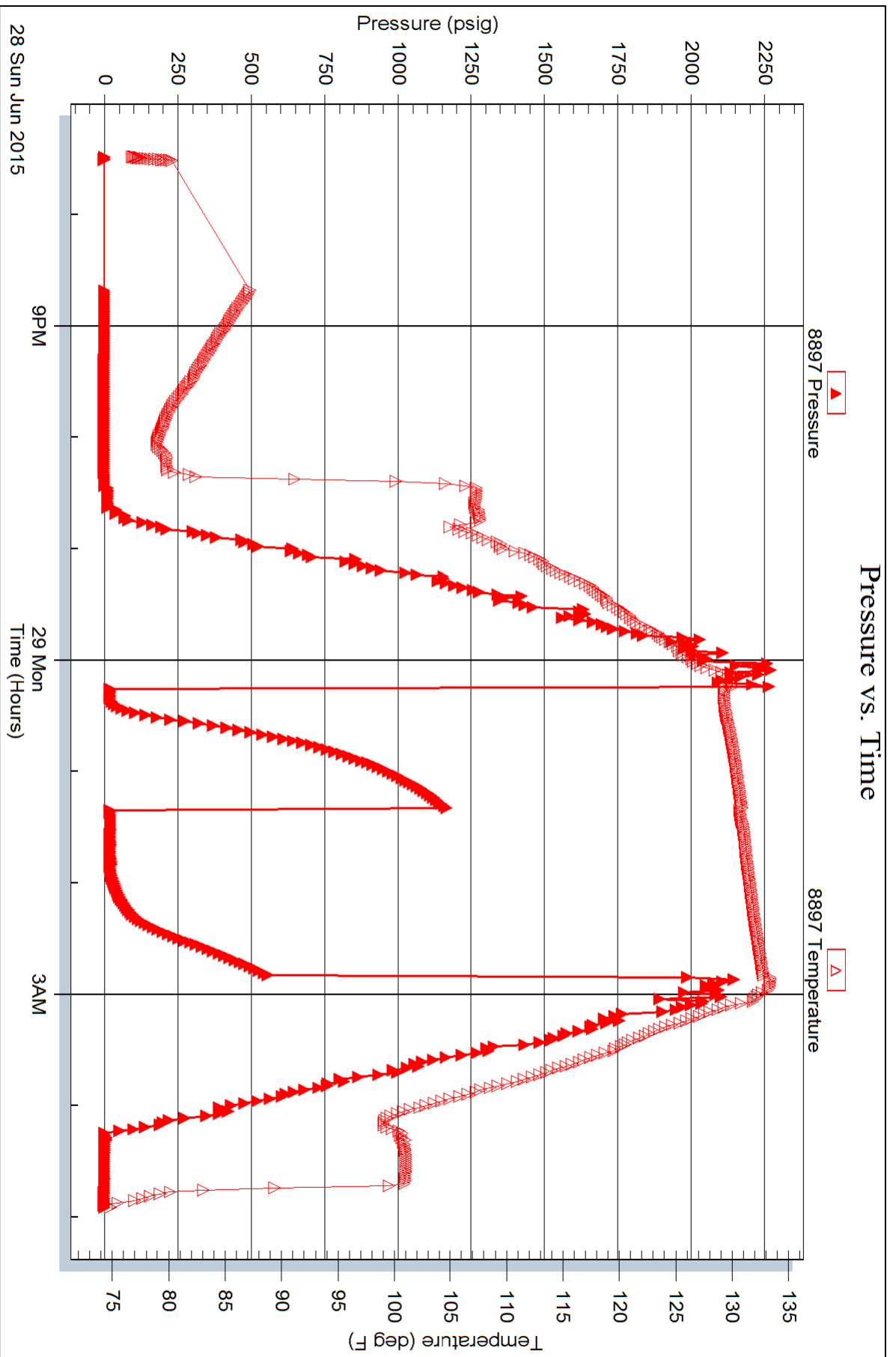
Serial #: 8897

Inside

Samuel Gary Jr. & Ass., Inc

Lewis 1-18

DST Test Number: 1



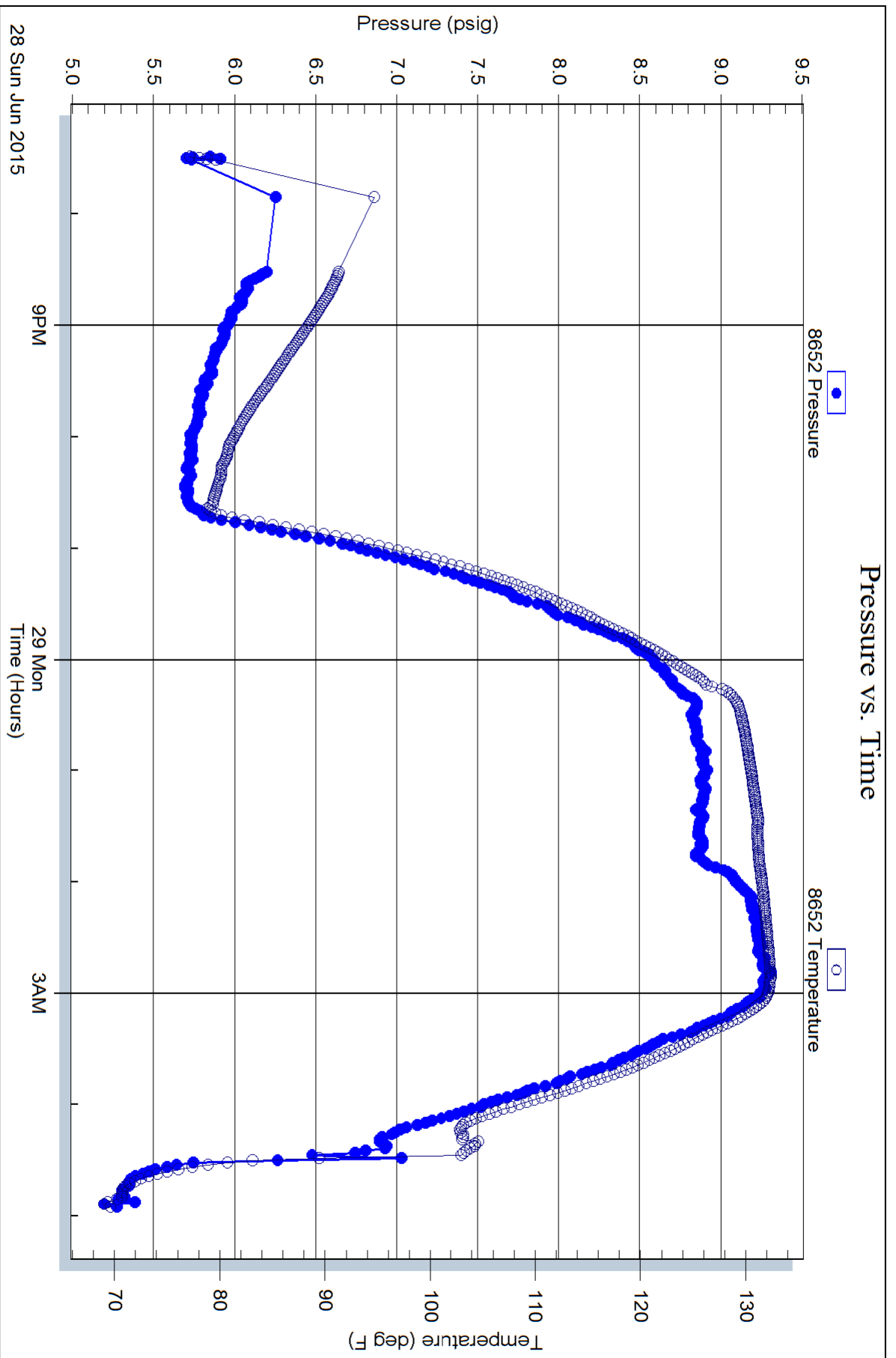
Serial #: 8652

Fluid

Samuel Gary Jr. & Ass., Inc

Lewis 1-18

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Ass., Inc

Sec. 18-5s-35w Rawlins, KS

1515 Wynkoop Ste 700
Denver, CO 80202

Lewis 1-18

Job Ticket: 62475

DST#: 2

ATTN: Chris Mitchell

Test Start: 2015.06.30 @ 15:00:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:26:00

Time Test Ended: 00:51:49

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 77

Interval: 4672.00 ft (KB) To 4710.00 ft (KB) (TVD)

Reference Elevations: 3333.00 ft (KB)

Total Depth: 4710.00 ft (KB) (TVD)

3328.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8898 Outside

Press@RunDepth: 665.80 psig @ 4673.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.30

End Date:

2015.07.01

Last Calib.:

2015.07.01

Start Time: 15:00:01

End Time:

00:51:49

Time On Btm:

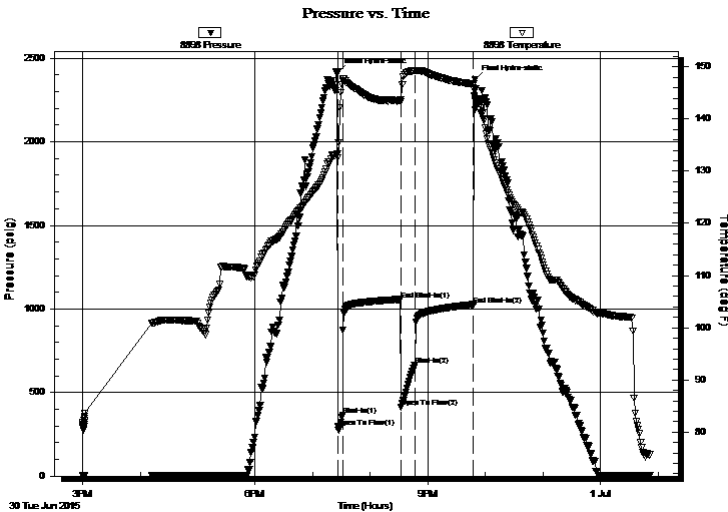
2015.06.30 @ 19:25:39

Time Off Btm:

2015.06.30 @ 21:49:20

TEST COMMENT: 5-IF-BOB in 2 mins.
60-ISI-1/4" Return, died in 24 mins.
15-FF-BOB in 1 min.
60-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2413.97	133.27	Initial Hydro-static
1	294.98	132.57	Open To Flow (1)
6	362.83	147.31	Shut-In(1)
66	1056.55	143.57	End Shut-In(1)
67	411.36	143.36	Open To Flow (2)
81	665.80	149.24	Shut-In(2)
142	1022.77	146.66	End Shut-In(2)
144	2372.88	143.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
630.00	VSMCW, 5%g, 95%w	7.75
315.00	VSGMCW, 5%g, 30%g, 65%w	4.42
252.00	VSGWCM, 5%g, 35%w, 60%g	3.53
219.00	VSGWCM, 5%g, 5%w, 90%g	3.07

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Samuel Gary Jr. & Ass., Inc

1515 Wynkoop Ste 700
Denver, CO 80202

ATTN: Chris Mitchell

Sec. 18-5s-35w Rawlins, KS

Lewis 1-18

Job Ticket: 62475

DST#: 2

Test Start: 2015.06.30 @ 15:00:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:26:00

Time Test Ended: 00:51:49

Interval: 4672.00 ft (KB) To 4710.00 ft (KB) (TVD)

Total Depth: 4710.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 77

Reference Elevations: 3333.00 ft (KB)

3328.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8652 Fluid

Press@RunDepth: psig @ 4640.00 ft (KB)

Start Date: 2015.06.30

End Date:

Start Time: 15:00:05

End Time:

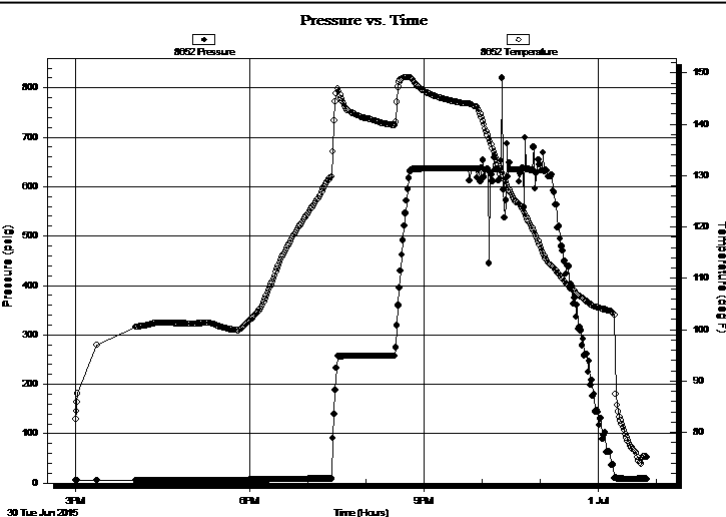
Capacity: 8000.00 psig

Last Calib.: 2015.07.01

Time On Btm:

Time Off Btm:

TEST COMMENT: 5-IF-BOB in 2 mins.
60-ISI-1/4" Return, died in 24 mins.
15-FF-BOB in 1 min.
60-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
630.00	VSMCW, 5%g, 95%w	7.75
315.00	VSGMCW, 5%g, 30%m, 65%w	4.42
252.00	VSGWCM, 5%g, 35%w, 60%m	3.53
219.00	VSGWCM, 5%g, 5%w, 90%m	3.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Ass., Inc

Sec. 18-5s-35w Rawlins, KS

1515 Wynkoop Ste 700
Denver, CO 80202

Lewis 1-18

Job Ticket: 62475

DST#: 2

ATTN: Chris Mitchell

Test Start: 2015.06.30 @ 15:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

55000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 5.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
630.00	VSMCW, 5%m, 95%w	7.753
315.00	VSGMCW, 5%g, 30%m, 65%w	4.419
252.00	VSGWCM, 5%g, 35%w, 60%m	3.535
219.00	VSGWCM, 5%g, 5%w, 90%m	3.072

Total Length: 1416.00 ft Total Volume: 18.779 bbl

Num Fluid Samples: 0

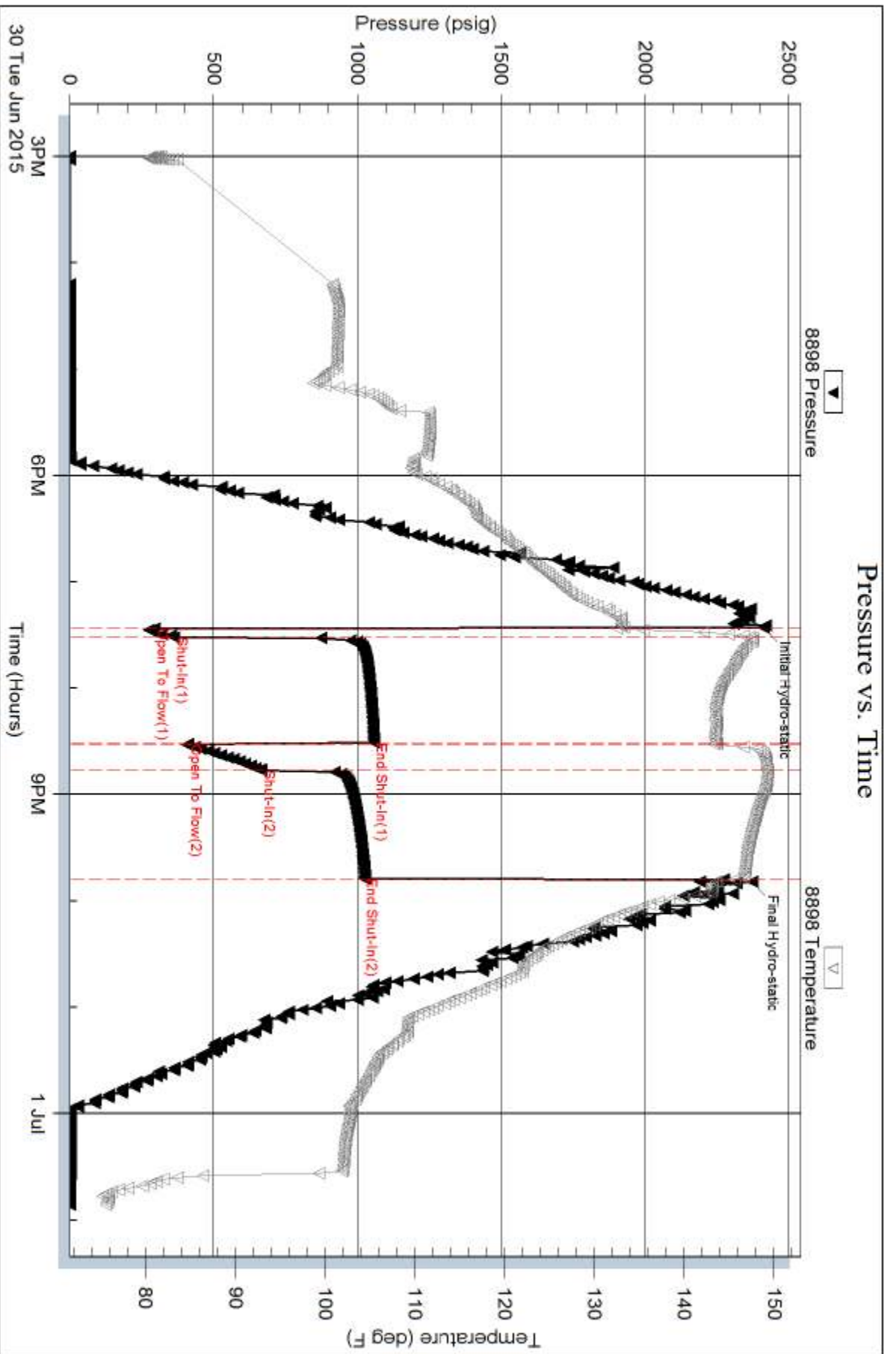
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .162 @ 67 degrees = 55,000 Salinity



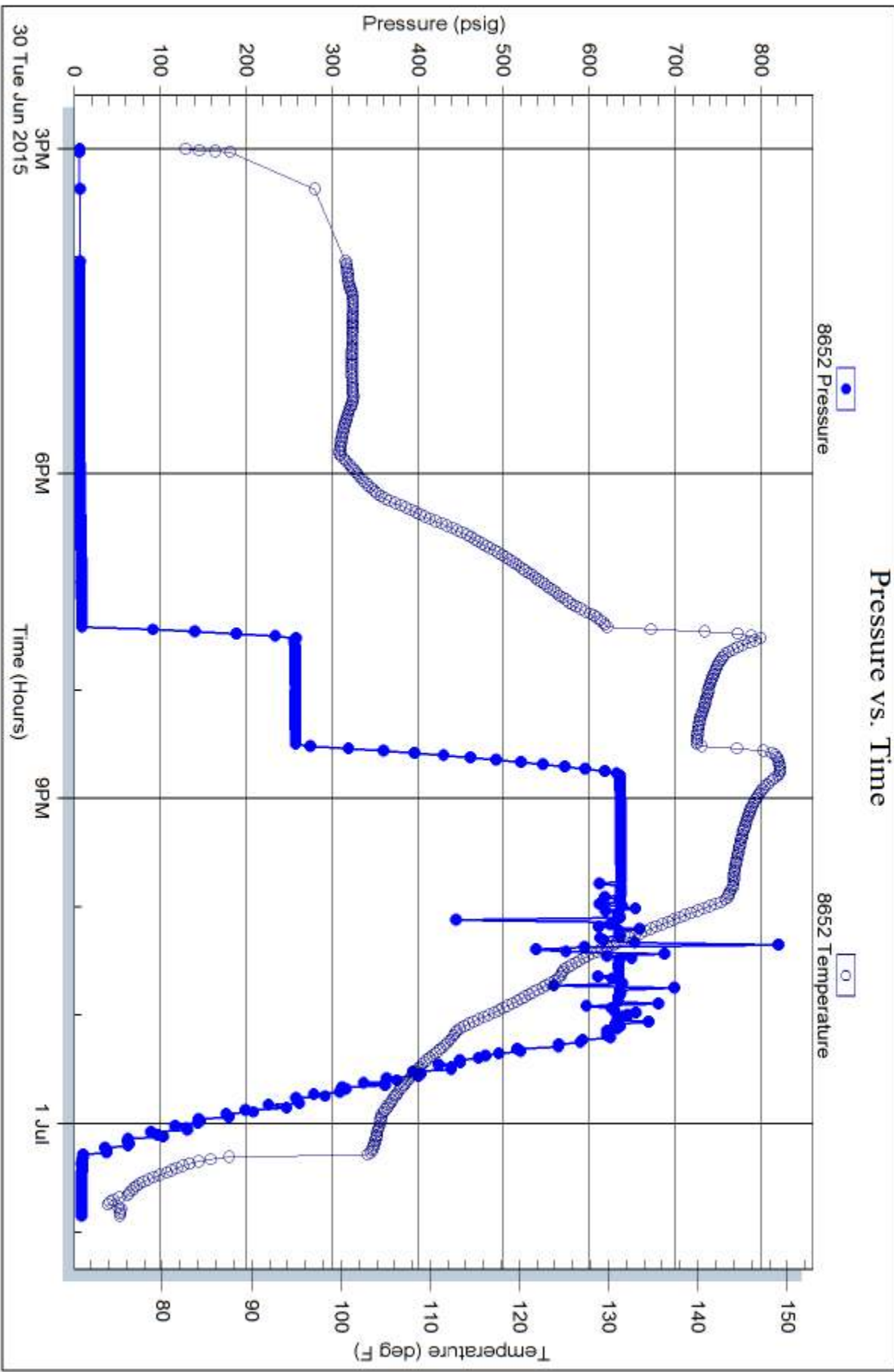
Serial #: 8652

Fluid

Samuel Gary Jr. & Ass., Inc

Lewis 1-18

DST Test Number: 2





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

Well Name: LEWIS 1-18
Well Id:
Location: SEC. 18-5S-35W RAWLINS COUNTY, KANSAS
License Number: 15-153-21147-0000 Region: WILDCAT
Spud Date: 06/23/2015 Drilling Completed: 7/1/2015
Surface Coordinates: 375 FNL/ 640 FEL

Bottom Hole
Coordinates:
Ground Elevation (ft): 3328' K.B. Elevation (ft): 3233'
Logged Interval (ft): 4020' To: 4800' Total Depth (ft): 4800'
Formation: Lansing, Kansas City, Pawnee, Cherokee
Type of Drilling Fluid: Natural Chemical

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

OPERATOR

Company: Samuel Gary Jr. & Assoc.
Address: 1515 Wynkoop, Ste. # 700
Denver, Colo. 80202
Geo: Chris Mitchell

GEOLOGIST

Name: Ian Bosmeijer
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla . 73945
Off. 888-543-8378 Cell: 580-754-0221



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Ass., Inc

Sec. 18-5s-35w Rawlins, KS

1515 Wyrkoop Ste 700
Denver, CO 80202

Lewis 1-18

Job Ticket: 62474 **DST#: 1**

ATTN: Chris Michel

Test Start: 2015.06.28 @ 19:29:00

GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:15:39

Time Test Ended: 04:55:49

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 77

Interval: **4357.00 ft (KB) To 4385.00 ft (KB) (TVD)**

Total Depth: 4385.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3333.00 ft (KB)

3328.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8898

Outside

Press@RunDepth: 26.42 psig @ 4358.00 ft (KB)

Start Date: 2015.06.28

Start Time: 19:29:01

End Date: 2015.06.29

End Time: 04:55:49

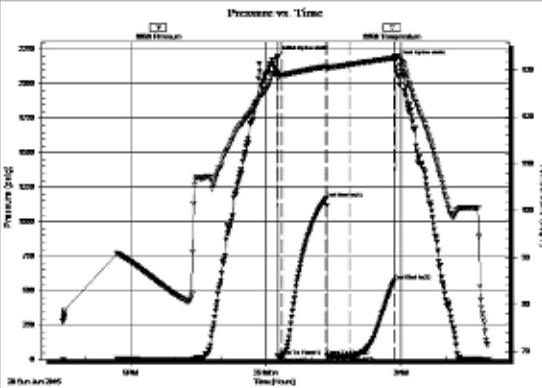
Capacity: 8000.00 psig

Last Calb.: 2015.06.29

Time On Btm: 2015.06.29 @ 00:15:30

Time Off Btm: 2015.06.29 @ 02:52:00

TEST COMMENT: 5-IF- Built to 1/4"
60-ISI-No Return
30-FF-No Blow
60-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.34	129.51	Initial Hydro-static
1	23.89	128.17	Open To Flow (1)
6	22.50	129.02	Shut-in(1)
66	1170.19	130.76	End Shut-in(1)
66	24.37	130.16	Open To Flow (2)
96	26.42	131.20	Shut-in(2)
156	569.96	132.65	End Shut-in(2)
157	2163.19	133.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	M, w with oil spots, 100% m	0.01

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Ass., Inc

Sec. 18-5s-35w Rawlins, KS

1515 Wyrkoop Ste 700
Denver, CO 80202

Lewis 1-18

Job Ticket: 62475 DST#: 2

ATTN: Chris Michel

Test Start: 2015.06.30 @ 15:00:00

GENERAL INFORMATION:

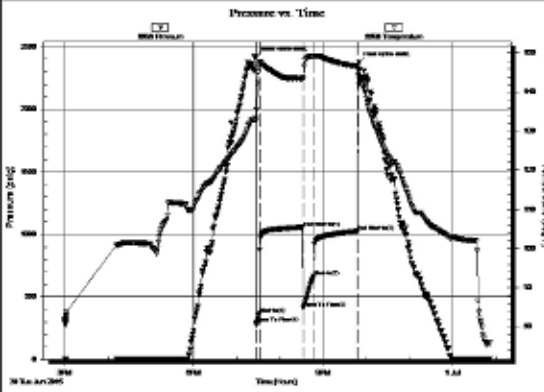
Formation: **Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:26:00 Test Type: Conventional Bottom Hole (Reset)
 Time Test Ended: 00:51:49 Tester: Phillip Gage
 Unit No: 77
 Interval: **4672.00 ft (KB) To 4710.00 ft (KB) (TVD)** Reference Elevations: 3333.00 ft (KB)
 Total Depth: 4710.00 ft (KB) (TVD) 3328.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8896

Outside

Press@RunDepth: 665.80 psig @ 4673.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.06.30 End Date: 2015.07.01 Last Calib.: 2015.07.01
 Start Time: 15:00:01 End Time: 00:51:49 Time On Btm: 2015.06.30 @ 19:25:39
 Time Off Btm: 2015.06.30 @ 21:49:20

TEST COMMENT: 5-IF-BOB in 2 mins.
 60-ISI-1/4" Return, died in 24 mins.
 15-FF-BOB in 1 min.
 60-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2413.97	133.27	Initial Hydro-static
1	294.98	132.57	Open To Flow (1)
6	362.83	147.31	Shut-In(1)
66	1056.55	143.57	End Shut-In(1)
67	411.36	143.36	Open To Flow (2)
81	665.80	149.24	Shut-In(2)
142	1022.77	146.66	End Shut-In(2)
144	2372.88	143.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
630.00	VSMCW, 5% m, 95% w	7.75
315.00	VSGMCW, 5% g, 30% m, 65% w	4.42
252.00	VSGWCM, 5% g, 35% w, 60% m	3.53
219.00	VSGWCM, 5% g, 5% w, 90% m	3.07

Gas Rates

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

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol

- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol

- Shgy
- Slstst
- Ss
- Till
- Carb sh
- Dol
- Dtd
- Gry sh

- Sandylms
- Shale
- Slststn
- Shlyslts
- Sltyslts
- Lms

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclrag
- 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

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

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

FOSSIL

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

STRINGER

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

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

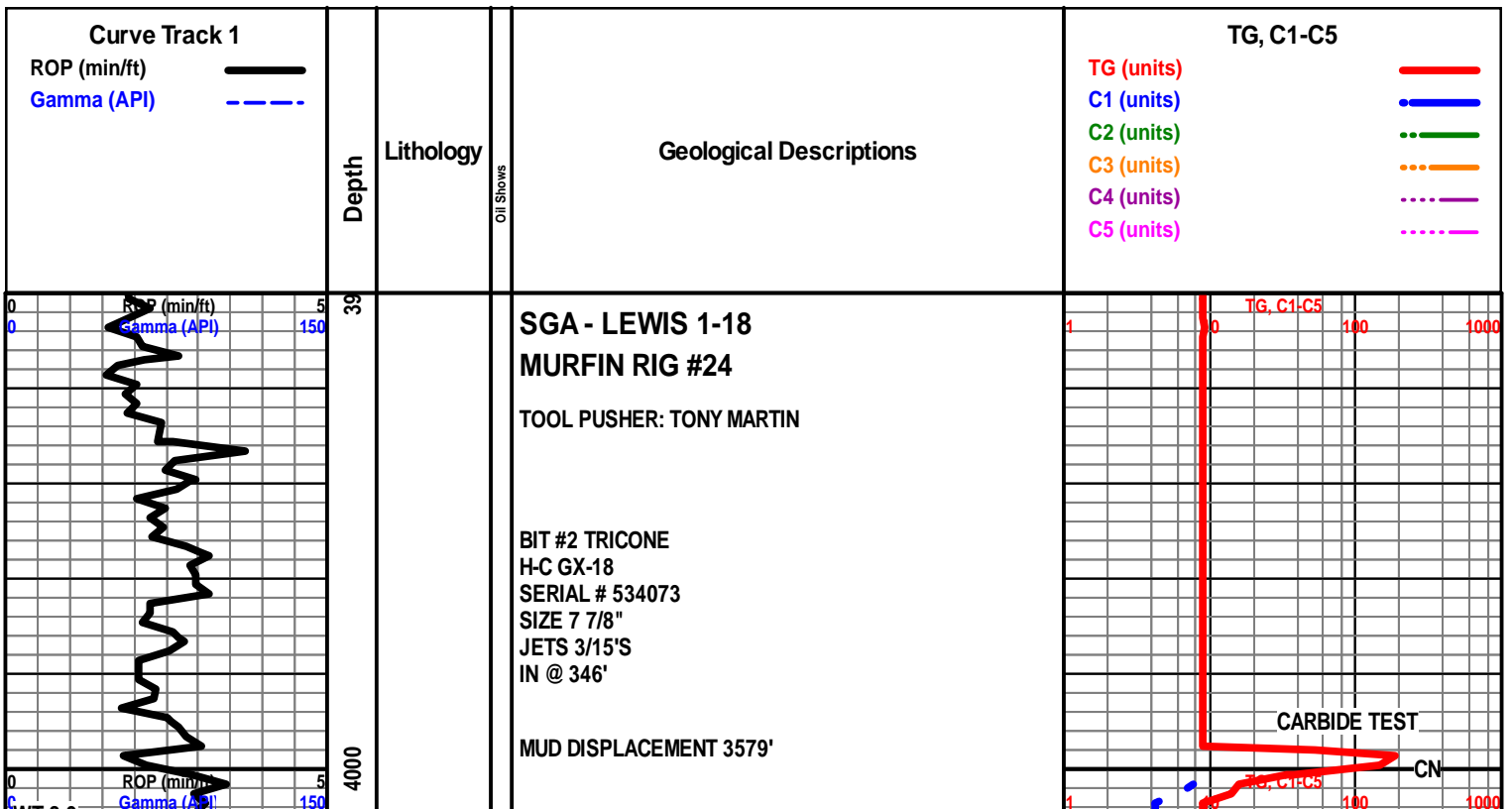
- Even
- Spotted
- Ques
- Dead
- Gas show

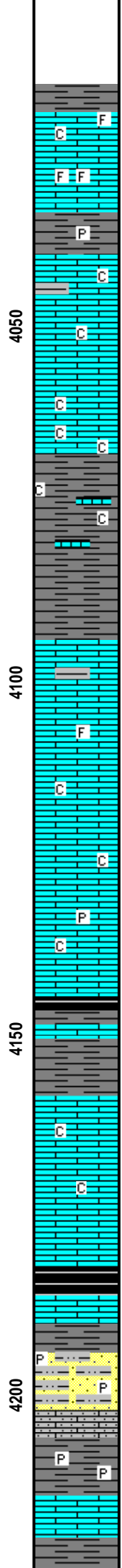
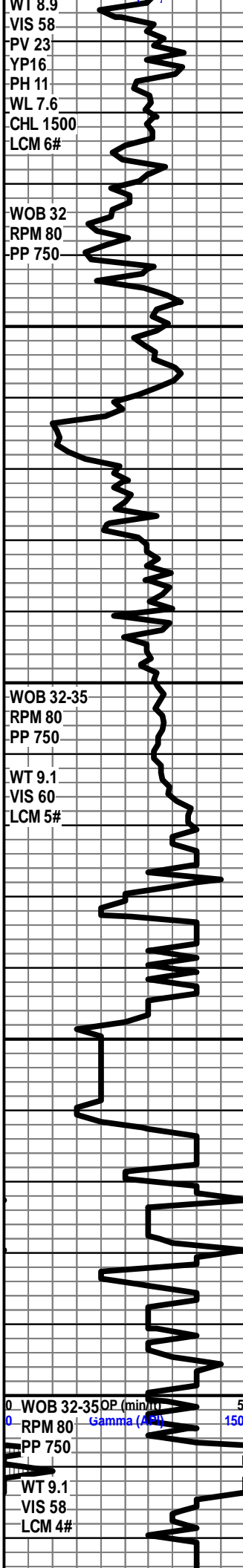
INTERVALS

- Core
- Dst
- Dst

EVENTS

- Rft
- Sidewall





START 24 HR. MANNED UNIT 6/27/15

LS- OFF WHT TO WHT, (SPTTD BLK TAR STN IN 25%), HD TO BRITT, FN-MD XLN, RE-XLN TO SUB-CHLKY MTRX, ABTD IMBD MICRO FOSS IP, TR SPTTD YEL GLD FLO, PR INTER-GRN POR IN 5%, PR FLSH CUT, FR SLW STRM CUT IN 10 %, NO ODOR

SH- RD TO GY, FRM BLKY TO SFT, GMMY IP, TR PYR CLSTR

TOPEKA 4041' (-708')

LS- CRM TO OFF WHT, CRM IP, HD DNS, F-XLN, SLI RE-XLN MTRX IP, IMBD CRS CALC XLS, FRM TO SFT CHLK IP, TR IMBD GY SH, DLL YEL MIN FLO IN 60%, NO VIS POR, NO SHOW

LS- OFF WHT TO CRM, BRITT TO HD IP, SFT IP, FN-MD XLN, SUB-CHLKY IP, ABTD FRM TO SFT CHLK, DLL YEL MIN FLO IN 40%, NO VIS POR, NO SHOW

SH- RD BRN, GRN TO GY IP, FRM BLKY TO SFT GMMY, CHLKY INTER-BD LS

SH- LT TO MD GY, FRM BLKY, CALC TO LMY IP, SMTH TXT

LS- OFF WHT TO LT GY, HD DNS, V/FN-FN XLN, TR IMBD FOSS FRAG, TR IMBD LT GY SH, DLL YEL MIN FLO IN 40%, NO VIS POR, NO SHOW

LS- TN TO CRM OFF WHT, HD DNS, V/FN-FN XLN, TR IMBD MD CALC XLS, TR FRM CHLK, DLL YEL MIN FLO IN 40%, NO VIS POR, NO SHOW

LS- TN TO LT GY, OFF WHT IP, HD DNS, CRYPTO-V/FN-FN XLN, TR DISS PYR, TR FRM TO SFT CHLK, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

SH- GY TO BLK, FRM BLKY, SFT GMMY IP, CARB IP, SMTH TXT

SH- LT TO MD GY, FRM TO SFT GMMY, SMTH TXT

LS- CRM TO OFF WHT, BRITT TO HD, FN-MD XLN, TT SUCRO IP, SUB-CHLKY IP, DLL YEL MIN FLO IN 50%, PR-FR INTER-XLN POR IP, NO VIS CUT OR SHOW

LS- CRM TO OFF WHT, (SPTTD BLK OIL STN IN 10%), HD DNS TO BRITT, FN-MD XLN, TT SUCRO TO VUGY MTRX IP, FR PP POR IN 5%, GD VIS VUG POR IN 1%, FR FLSH CUT, GD SLW STRM CUT IN 5%, TN LCH ON DISH, NO ODOR

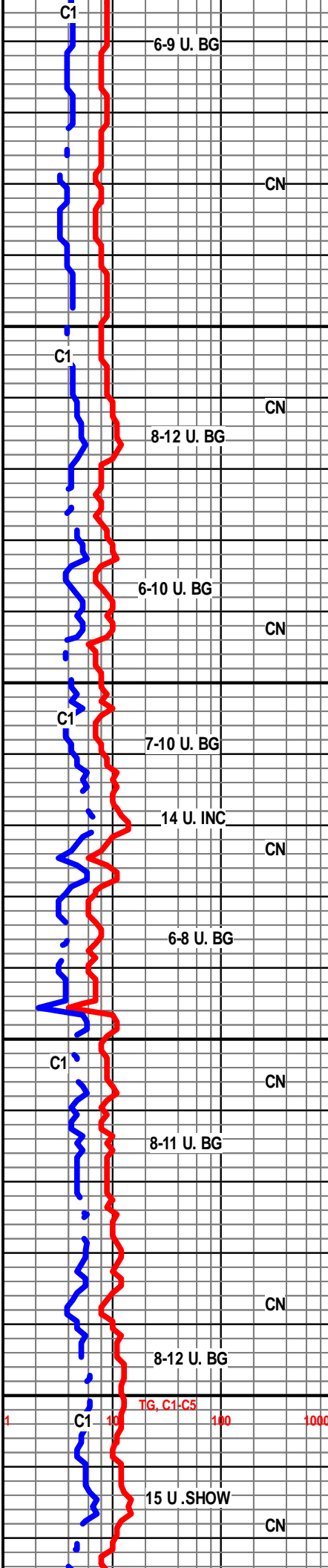
HEEBNER 4283' (-850')

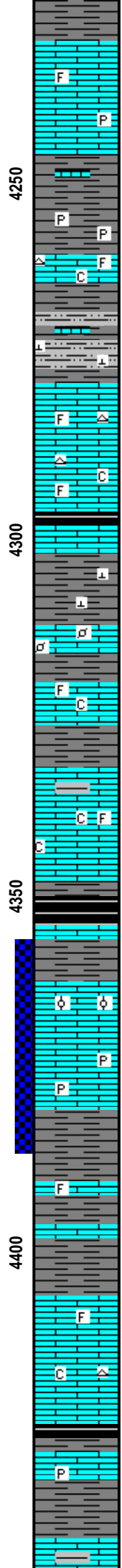
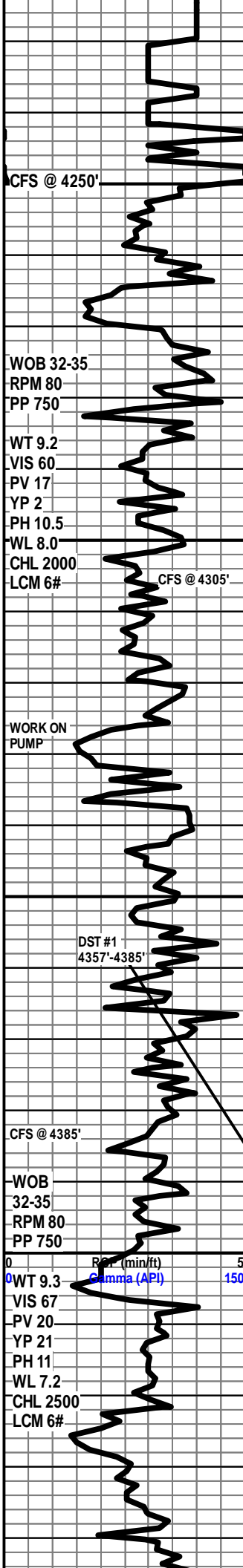
SH- BLK SFT CARB, SMTH TXT

SS- FRSTY TO WHT, QRTZ, TT TO SLI FRI, FN GRN, S-RND GRNS, WLL SRT, CALC CMNT, ABTD IMBD GY SLT, TR PYR, NO FLO, PR INTER-GRN POR IP, NO VIS CUT OR SHOW

SNDY LS- OFF WHT, FRSTY (TR SPTTD BLK OIL STN), HD DNS, F-XLN, RE-XLN IP, ABTD IMBD F-GRN QRTZ IP, TR SPTTD GLD FLO, PR INTER-GRN POR IN 5 %, PR FLSH CUT, PR SLW STRM CUT IN 5%, NO ODOR

4214'-4220' LS- CRM (DK TN TO BLK OIL STN IN 20%), HD DNS TO BRITT, F-XLN, RE-XLN TO VUGGY MTRX IP, DLL YEL GLD FLO IN 20%, FR PP POR IN 10%, FR MICRO VUG POR IN 3%, GD FLSH CUT, GD SLW STRM CUT IN 15%, BRN LCH ON DISH





LANSING 4030' (-897')
 LS- OFF WHT TO CRM, HD DNS TO BRITT IP, F-XLN, RE-XLN TO SUB-CHLKY IP, ABDT FRM CHLKY IN TRAY, TR IMBD FOSS FRAG, TR IMBD PYR, DLL YEL MIN FLO IN 40%, FR INTER-XLN POR IN 10%, NO SHOW

SH- BRN RD LT GRY, FRM BLKY, V/CALC IP, WXY TO SMTH TXT

SH- BRN TO GRN, FRM BLKY, SFT IP, IMBD PYR CLSTR, SMTH TXT

LS- OFF WHT TO WHT, HD DNS, F-XLN, SUB-SUCRO TO SUB-CHLKY, TR IMBD FOSS FRAG, TR WHT TO CRM CHRT, DLL YEL MIN FLO IN 30%, NO VIS POR, NO SHOW

SH- LT RD TO LT GRN, LT GY IP, FRM BLKY, SFT GMMY IP, CALC TO LMY IP, SLTY TXT

LANSING "D" 4278'(-945')

LS- WHT TO OFF WHT, HD DNS, F-XLN, TR RE-XLN, IMBD & FREE WHT CHRT IP, TR IMBD FOSS FRAG, DLL YEL MIN FLO IN 40%, NO VIS POR, NO SHOW

LS- TN TO LT GY (TR SPTTD BLK OIL STN), HD DNS, F-XLN, IMBD FOSS FRAG IP, TR WHT TO GY CHRT, SHLY IP, TR FRM TO SFT CHLK, DLL YEL MIN FLO IN 40%, PR PP POR IN 2%, NO FLSH CUT, PR SLW STRM CUT IN <1%, NO SHOW

SH- LT TO MD RD, GY IP, FRM BLKY, HD IP, CALC IP, LMNTD IP, SMTH TXT

LS- GY, LT GRN TO PNK, HD DNS, FN-MD XLN, IMBD PELLETS, IMBD LT RD/GRN SH IP, DLL YEL MIN FLO IN 25%, NO VIS POR, NO SHOW

LS- OFF WHT TO CRM, HD DNS, F-XLN, SUB-CHLKY MTRX IP, IMBD FOSS FRAG IP, TR DISS PYR, DLL YEL MIN FLO IN 40%, PR MICRO-VUG POR IP, NO VIS CUT OR SHOW

LANSING "G" 4332' (-999')

LS- CRM TO TN, HD DNS, V/FN-FN XLN, SLI SHLY IP, TR IMBD FOSS FRAG, FRM CHLK IP, TR DLL YEL MIN FLO, NO VIS POR, NO SHOW

SH- GY TO BLK, GRN TO RD, FRM BLKY, SMTH TXT

4361'-4365' LS- OFF WHT (LT TN OIL STN IN 60%) HD TO BRITT, FN-MD XLN, SLI RE-XLN IP, IMBD OOIDS IP, YEL GLD FLO IN 50%, GD FLSH CUT, GD SLW STRM CUT IN 30%, FR INTER-XLN POR IN 10%, GD MICRO VUG POR IN 1%, GD FLSH CUT, GD SLW STRM CUT, LT TN LCH ON DISH, BLEEDING GAS BUBBLES ON SAMPLE

LS- OFF WHT TO CRM (TR SPTTD BLK TO TN OIL STN), HD DNS, F-XLN, TR SLI RE-XLN, DISS PYR IP, DLL YEL MIN FLO IN 30%, PR INTER-XLN POR IN 2%, NO FLSH CUT, PR SLW STRM CUT IN 1%

SH- LT TO MD RD, LT TO MD GYIP, FRM BLKY TO SFT IP, SMTH TO SLTY TXT

LS- OFF WHT TO LT GY, HD DNS, FN-MD XLN, SUB-CHLKY IP, TR FOSS FRAG, ARG TO SHLY IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LANSING "J" 4407' (-1074')

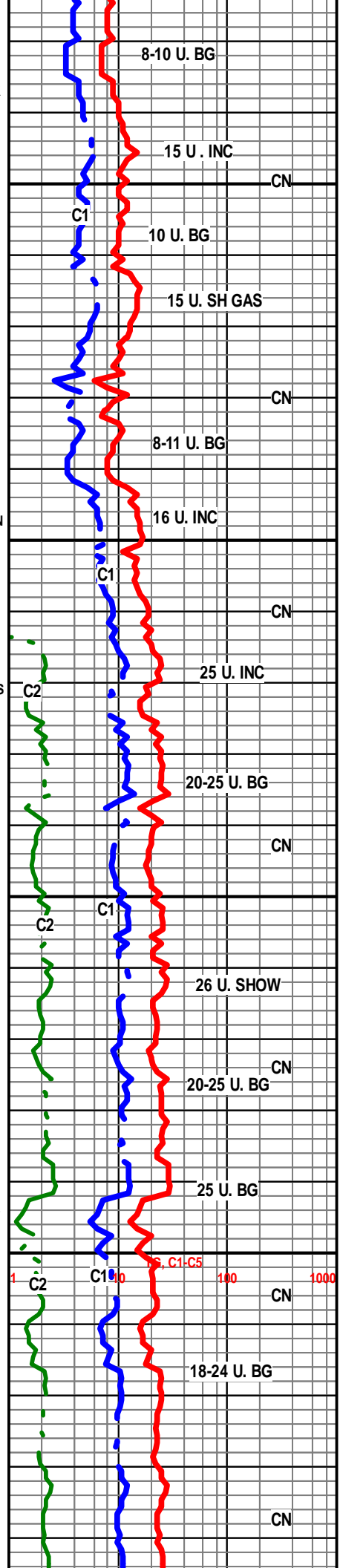
LS- CRM TO OFF WHT, HD DNS, FN-MD XLN, RE-XLN IP, IMBD CRS CALC XLS, TR WHT CHRT, TR IMBD FOSS FRAG, DLL YEL MIN FLO IN 50%, NO VIS POR, NO SHOW

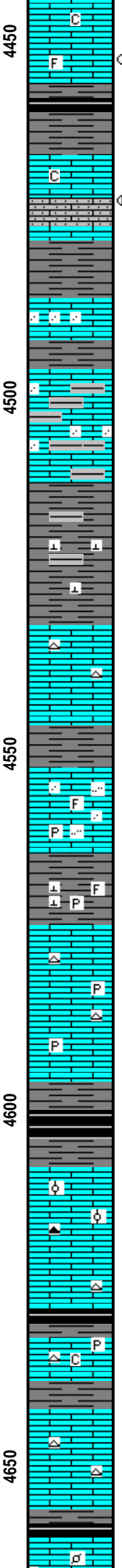
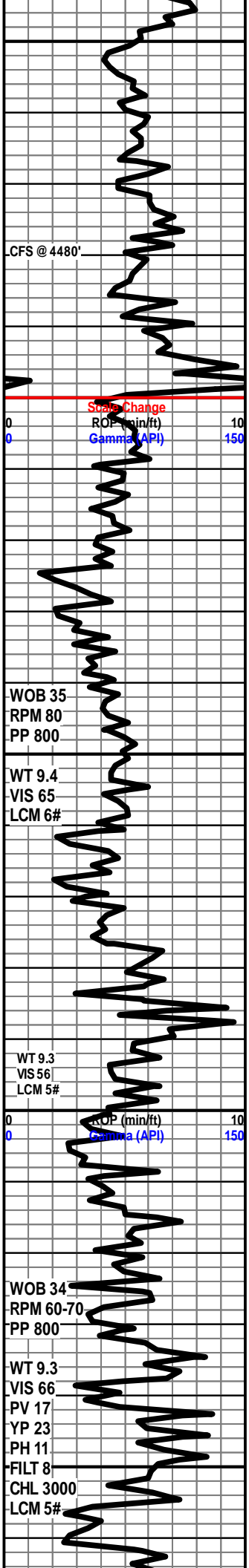
LS- CRM TO GY, HD DNS, FN - MD XLN, CRS CALC XLS IP, TR IMBD PYR CLSTR, TR SFT WHT CHLK, DLL YEL MIN FLO IN 50%, PR-INTER-XLN POR IP, NO SHOW

SH- GY TO BLK, FRM BLKY, SFT IP, CARB IP, SMTH TXT

LS- WHT TO OFF WHT, CRM, HD DNS, FN-MD XLN, TR PYR CLSTR, TR SFT WHT CHLK, DLL YEL MIN FLO IN 50%, NO VIS POR, NO SHOW

LS- OFF WHT TO LT GY, HD DNS, F-XLN, IMBD RD TO GY SH IP, SFT WHT CHLK IP, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW





LS- CRM TO OFF WHT (TR SPTTD BLK OIL STN), HD DNS, CRYPTO-FN XLN, TT SUCRO TO SUB-CHLKY IP, TR IMBD FOSS FRAG, TR DLL GLD FLO, PR PP POR IN 5%, V/PR FLSH CUT, TR SLW STRM CUT

SH- GY RD TO BLK IP, FRM BLKY TO SFT IP, SMTH TXT

LS- CRM OFF WHT TO TN, HD DNS, V/FN-FN XLN, TR RE-XLN, SUB-CHLKY IP/DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

SNDY LS- WHT TO CRM (SPTTD TN OIL STN IN 5%), HD TT DNS, F-XLN, SLI SUB-CHLKY, ABTD IMBD V/FN QRTZ, WLL SRT, DLL YEL MIN FLO IN 20%, PR INTER-GRN POR IN 10%, PR FLSH CUT, PR SLW STRM CUT IN 5%

BKC 4479' (-1146')

SH- GRN YEL GY, RD IP, FRM TO SFT GMMYSMTH TXT

LS- CRM TO TN, OFF WHT, HD DNS, F-XLN, IMBD F-GRN QRTZ IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- CRM TO OFF WHT, HD DNS, F-XLN, SUB-CHLKY IP, ARG TO SHLY IP, IMBD F-GRN QRTZ IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

SH- GY BRN TO RD, FRM BLKY, CALC IP, SMTH TXT, POOR SAMPLE QUALITY

LS- GY TO OFF WHT, CRM IP, HD DNS, F-XLN, TR TT SUCRO TO RE-XLN, TR WHT CHRT, TR DISS PYR, DLL YEL MIN FLO IN 10%, PR PP POR IN 5%, NO VIS CUT OR SHOW

SH- GY TO RD, FRM BLKY, SLI SFT IP, ABTD PYR CLSTR IP, SMTH TO SLTY/GRNY TXT

LS- CRM TO GY, HD DNS, F-XLN, ABTD IMBD V/FN QRTZ IP, TR IMBD FOSS FRAG, ARG TO SHLY IP, TR DLL YEL MIN FLO, NO VIS POR, NO SHOW

SH- GY TO BLK, FRM BLKY, SFT IP, ABTD IMBD FOSS FRAG, ABTD IMBD PYR CLSTR, V/CALC IP, SMTH TXT

LS- WHT GY TO TN, HD DNS, V/FN-FN XLN, IMBD & FREE CLR TO TN CHRT, TR PYR CLSTR, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LABETTE SHALE 4600' (-1267')

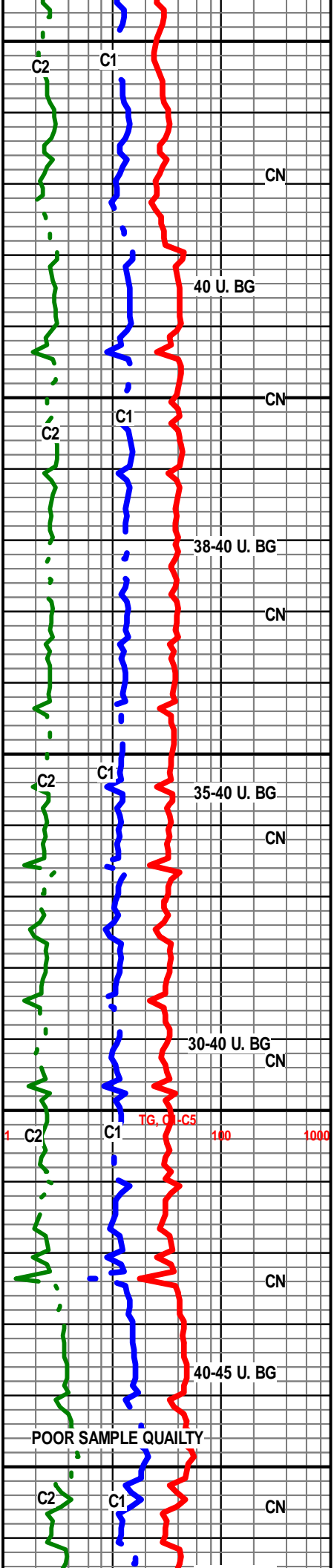
SH- GY GRN BLK RD, FRM BLKY TO SFT, CARB IP, SMTH TO WXY TXT IP

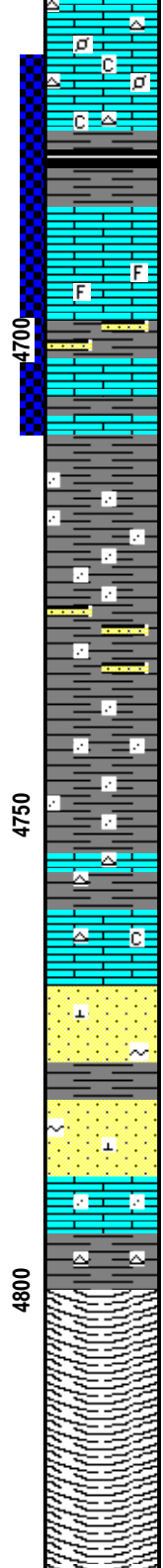
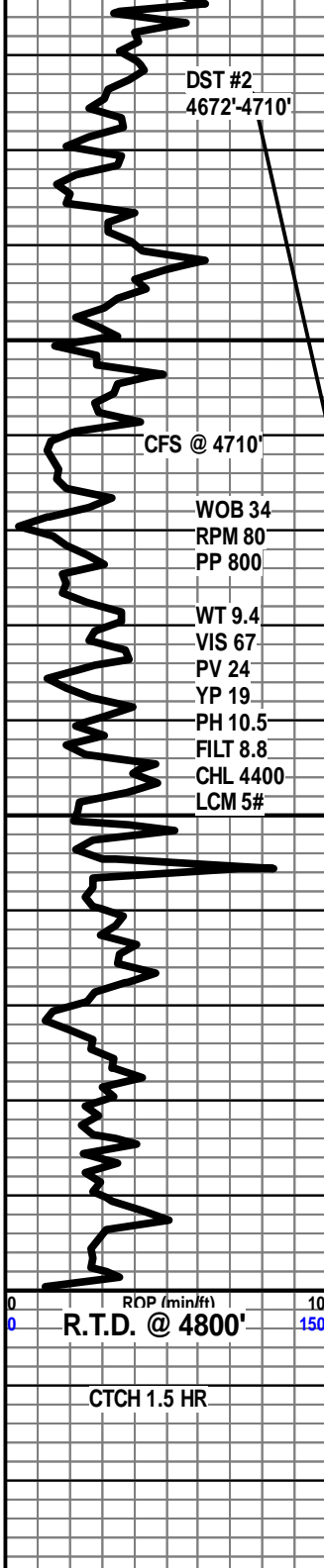
LS- OFF WHT TO GY, HD DNS, V/FN-FN XLN, IMBD OIDS IP, GY CHRT IP, DLL YEL MIN FLO IN 40%, NO VIS POR, NO SHOW

LS- OFF WHT TO LT GY, HD DNS, F-XLN, SUB-CHLKY IP, IMBD & FREE GY CHRT, TR IMBD PYR CLSTR, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- CRM GY TO TN, HD DNS, CRYPTO-FN XLN, IMBD WHT TN TO CLR CHRT, TR SFT WHT CHLK, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- CRM TO TN, HD DNS, CRYPTO-FN XLN, TR RE-XLN, IMBD PELLETS, IMBD TN CHRT, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW





LS- CRM TN TO OFF WHT, HD DNS, CRYPTO-FN XLN, SUB-CHLKY IP, IMBD TN CHRT, IMBD PELLETS IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

SH- GY TO GRN, TR BLK, FRM SPLNTY TO BLKY, TR CARB, SMTH TO SLTY

CHEROKEE 4686' (-1353')

LS- CRM TO GY, OFF WHT, HD DNS, F-XLN, IMBD & FREE FOSS FRAG, ABTD IMBD GY TO BLK SH IP, TR GY CHRT, TR DLL YEL MIN FLO, NO VIS POR, NO SHOW

LS- GY TO OFF WHT, (TN OIL STN IN 5%) HD TO BRITT, FN-MD XLN, SUB-CHLKY IP, TR ABTD IMBD FOSS FRAG, SPTTD YEL GLD FLO IN 3%, PR-FR MICRO VUG POR IN 1% FR PP POR IN 4%, FR FLSH CUT, GD SLW STRM CUT IN 4 ROCKS, SMALL VOLUME OF SHOW

LS- WHT CRM TN, HD DNS, F-XLN, ABTD GY TO RD SH IN TRAY, TR DLL YEL MIN FLO, NO VIS POR, NO SHOW

SH- BRN RD TO GY, FRM BLKY, SFT TO SLI GMMY IP, UNCONSOLIDATED CRS QTRZ IP, SMTH TXT

SH- GY TO BRN RD, FRM BLKY, TR SFT, FN-MD GRN SS LENS, UNCONSOLIDATED QRTZ IP, SMTH TXT

SH- BRN RD TO GY, FRM BLKY, SFT TO SLI GMMY IP, ABTD CRS UNCONSOLIDATED QTRZ IP, SMTH TXT

LS- WHT, HD DNS, BRITT IP, CRYPTO-FN XLN, WHT CHRT IP, ABTD IMBD RD SH, FRM TO SFT CHLK IP, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

SS- FRSTY TO CLR, BRITT TO FRI, QRZ GRNS, FN-CRS GRN ANG TO SUB-RND GRNS, PR SRT, CALC CMNT, GLAUC IP, NO FLO, GD INTER-GRN POR THRU, NO SHOW

SS- FRSTY TO WHT, HD TT TO SLI FRI, QRTZ GRNS, FN S-RND GRNS, WLL SRT, CALC CMNT, GLAUC IP, NO FLO, FR INTER-GRN POR THRU, NO SHOW

LS- WHT, HD DNS, CRYPTO-FN XLN, ABTD IMBD F-GRN QRTZ IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

SH- BRN RD GY YEL, FRM BLKY, FREE ORNG CHRT, SMTH TXT

R.T.D. 9:00 AM 7/1/2015

DROP SURVEY

T.O.F.L @ 10:30 AM 7/1/2015

WEATHERFORD/ LIBERAL, KS

