

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1237206
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1237206

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 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				

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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	Ellis 1-12
Doc ID	1237206

All Electric Logs Run

Array Induction Shallow Focused Electric Log
Compact Photo Density Compensated Neutron Microresistivity Log
Compensated Sonic w/Integrated Transit Time Log
Compensated Neutron Sonic Porosity Overlay Log
Microresistivity Log
Caliper Log
Sonic Cement Bond Log

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	Ellis 1-12
Doc ID	1237206

Tops

Name	Top	Datum
B/Anhydrite	2345	+632
Heebner	3910	-933
Lansing	3954	-977
Mun Cr Sh	4133	-1156
Stark Sh	4232	-1255
Hush Sh	4275	-1298
Marmaton	4356	-1379
Pawnee	4444	-1467
Cher Sh	4491	-1514
Lwr Ch Sh	4521	-1544
John Zone	4554	-1577
Mw Sh	4624	-1647
Basal P Sd	4649	-1672
Miss	4681	-1704



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

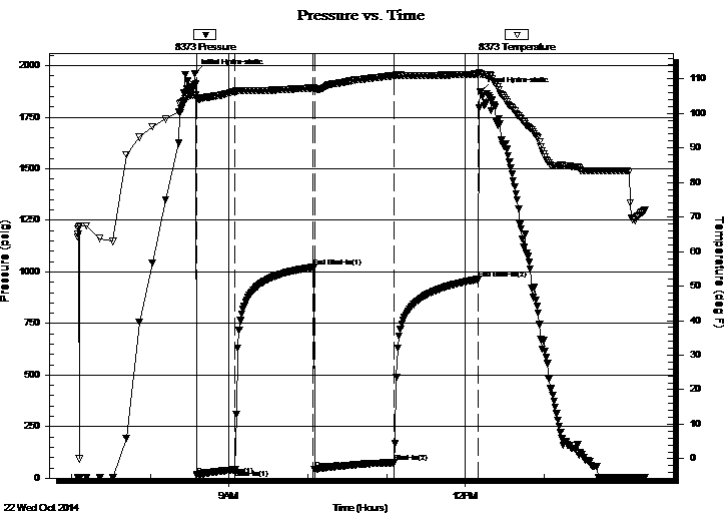
12-17s-33w Scott Ks
Ellis 1-12
Job Ticket: 59048 **DST#: 1**
Test Start: 2014.10.22 @ 07:04:15

GENERAL INFORMATION:

Formation: **LKC B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:35:05
Time Test Ended: 14:16:35
Interval: **3980.00 ft (KB) To 4005.00 ft (KB) (TVD)**
Total Depth: 4005.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 2977.00 ft (KB)
2972.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
Press@RunDepth: 75.06 psig @ 3981.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.10.22 End Date: 2014.10.22 Last Calib.: 2014.10.22
Start Time: 07:04:40 End Time: 14:16:35 Time On Btm: 2014.10.22 @ 08:34:05
Time Off Btm: 2014.10.22 @ 12:11:35

TEST COMMENT: IF: 1/4 blow built to 2 1/2 in 30 min.
IS: No return.
FF: Surface blow built to 1 in 60 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.18	105.27	Initial Hydro-static
1	15.10	104.40	Open To Flow (1)
31	41.75	106.20	Shut-In(1)
90	1022.46	107.35	End Shut-In(1)
91	43.48	106.99	Open To Flow (2)
152	75.06	110.92	Shut-In(2)
216	964.00	111.39	End Shut-In(2)
218	1875.07	111.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mcw 70%w 30%m	0.30
70.00	w cm 10%w 90%m	0.43
1.00	free oil 100%o	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

12-17s-33w Scott Ks

1625 N Waterfront Pkwy
Wichita, KS 67206

Ellis 1-12

Job Ticket: 59048

DST#: 1

ATTN: Dave Goldak

Test Start: 2014.10.22 @ 07:04:15

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:

27000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

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
60.00	mcw 70%w 30%m	0.295
70.00	w cm 10%w 90%m	0.426
1.00	free oil 100%o	0.014

Total Length: 131.00 ft Total Volume: 0.735 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

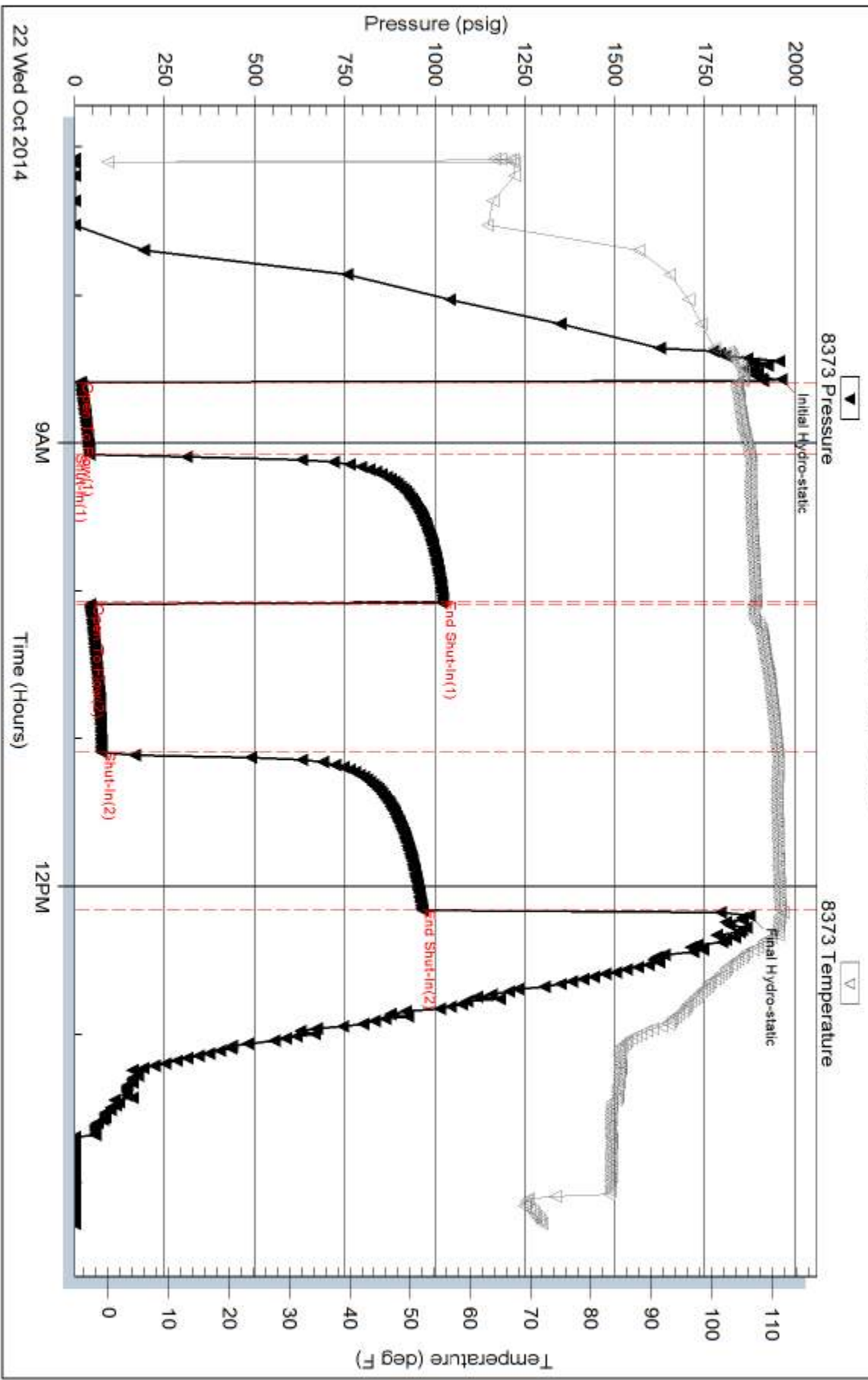
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .24@75=27000

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

12-17s-33w Scott Ks
Ellis 1-12
 Job Ticket: 59049 **DST#: 2**
 Test Start: 2014.10.23 @ 07:10:43

GENERAL INFORMATION:

Formation: **LKC I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:50:43
 Time Test Ended: 15:12:13
 Interval: **4172.00 ft (KB) To 4195.00 ft (KB) (TVD)**
 Total Depth: 4172.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2977.00 ft (KB)
 2972.00 ft (CF)
 KB to GR/CF: 5.00 ft

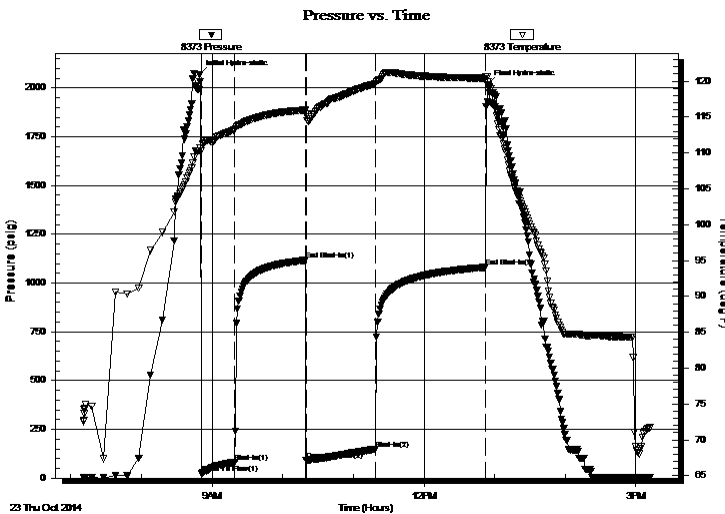
Serial #: 8373

Inside

Press @ Run Depth: 147.78 psig @ 4173.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.23 End Date: 2014.10.23 Last Calib.: 2014.10.23
 Start Time: 07:10:48 End Time: 15:12:12 Time On Btm: 2014.10.23 @ 08:49:13
 Time Off Btm: 2014.10.23 @ 12:54:13

TEST COMMENT: IF: 1/4 blow BOB in 28 min.
 IS: No return.
 FF: Surface blow BOB in 40 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2066.13	110.27	Initial Hydro-static
2	22.25	110.32	Open To Flow (1)
30	82.74	113.20	Shut-In(1)
90	1116.91	115.97	End Shut-In(1)
91	91.39	115.44	Open To Flow (2)
150	147.78	119.62	Shut-In(2)
243	1080.75	120.39	End Shut-In(2)
245	2014.86	119.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 10%o 90% m	0.30
124.00	gocm 10%g 20%o 70% m	1.20
154.00	go 10%g 90%o	2.16
0.00	90 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

12-17s-33w Scott Ks

1625 N Waterfront Pkwy
Wichita, KS 67206

Ellis 1-12

Job Ticket: 59049

DST#: 2

ATTN: Dave Goldak

Test Start: 2014.10.23 @ 07:10:43

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

22 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	ocm 10%o 90%m	0.305
124.00	gocm 10%g 20%o 70%m	1.202
154.00	go 10%g 90%o	2.160
0.00	90 GIP	0.000

Total Length: 340.00 ft

Total Volume: 3.667 bbl

Num Fluid Samples: 0

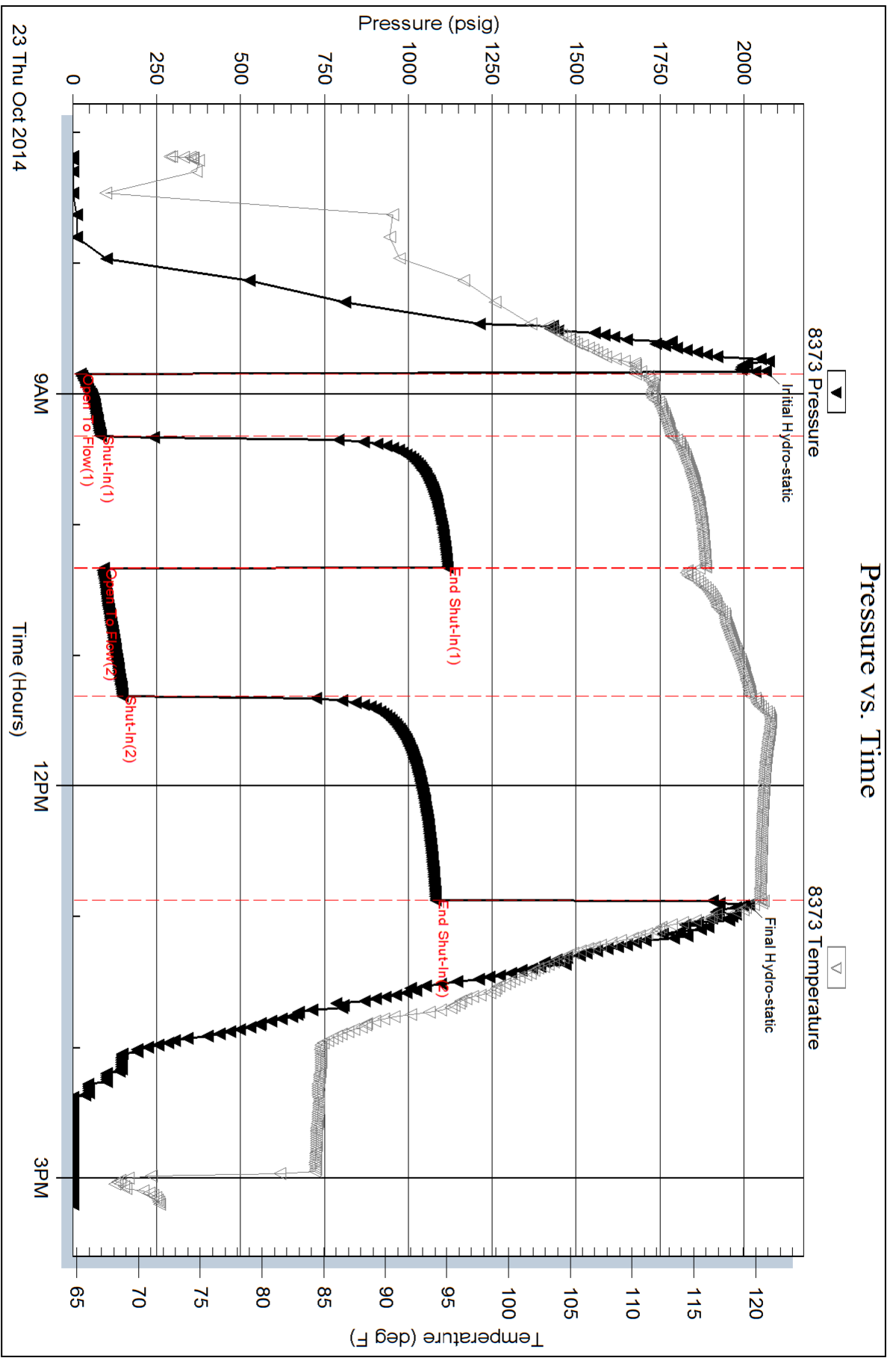
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 23@70=22





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

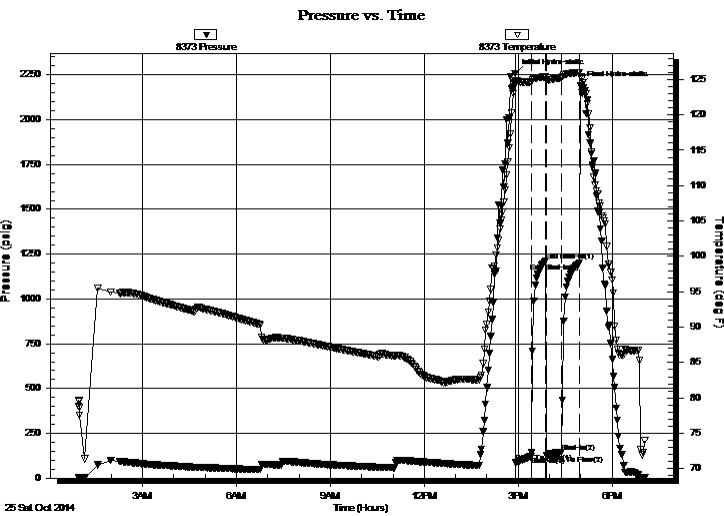
12-17s-33w Scott Ks
Ellis 1-12
 Job Ticket: 59050 **DST#: 3**
 Test Start: 2014.10.25 @ 00:57:15

GENERAL INFORMATION:

Formation: **Marmaton- Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:55:15
 Time Test Ended: 19:04:15
 Interval: **4386.00 ft (KB) To 4520.00 ft (KB) (TVD)**
 Total Depth: 4520.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2977.00 ft (KB)
 2972.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 145.18 psig @ 4387.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.25 End Date: 2014.10.25 Last Calib.: 2014.10.25
 Start Time: 00:57:20 End Time: 19:04:14 Time On Btm: 2014.10.25 @ 14:54:15
 Time Off Btm: 2014.10.25 @ 17:00:15

TEST COMMENT: IF: 1/2 blow built to 2 in 30 min.
 IS: No return.
 FF: Surface blow built to 1 in 30 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2259.11	124.54	Initial Hydro-static
1	85.77	124.77	Open To Flow (1)
31	120.35	124.63	Shut-In(1)
59	1213.27	125.37	End Shut-In(1)
60	125.57	125.00	Open To Flow (2)
89	145.18	125.23	Shut-In(2)
124	1201.16	125.99	End Shut-In(2)
126	2188.64	125.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mcw 80%w 20%m	0.30
90.00	w cm 5%w 95%M	0.71

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

12-17s-33w Scott Ks

1625 N Waterfront Pkwy
Wichita, KS 67206

Ellis 1-12

Job Ticket: 59050

DST#: 3

ATTN: Dave Goldak

Test Start: 2014.10.25 @ 00:57:15

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:

15000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mcw 80%w 20%m	0.295
90.00	w cm 5%w 95%M	0.707

Total Length: 150.00 ft Total Volume: 1.002 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .34@89@15000

Serial #: 8373

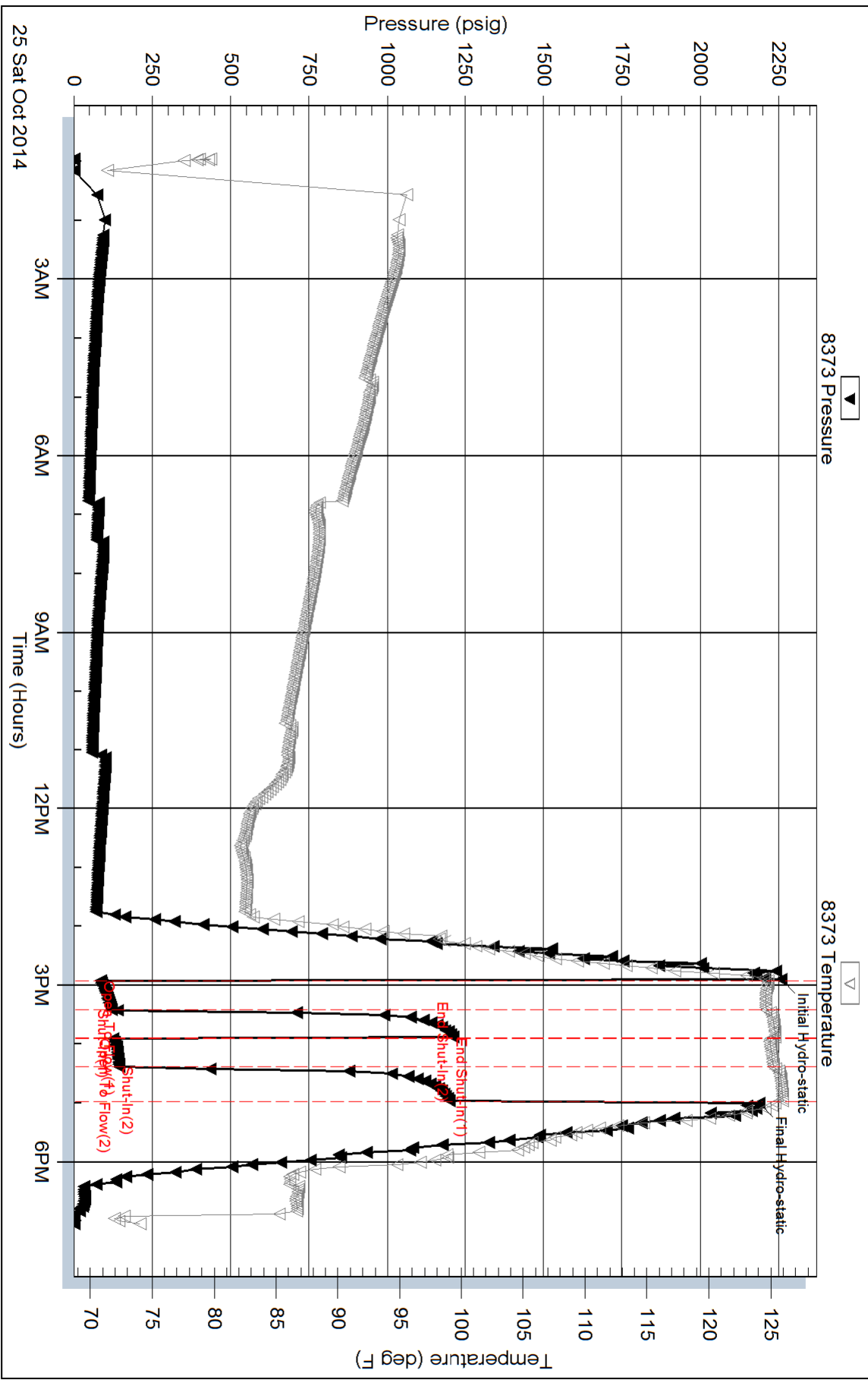
Inside

Stelbar Oil Corp

Ellis 1-12

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 59050

Printed: 2014.10.25 @ 22:54:20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

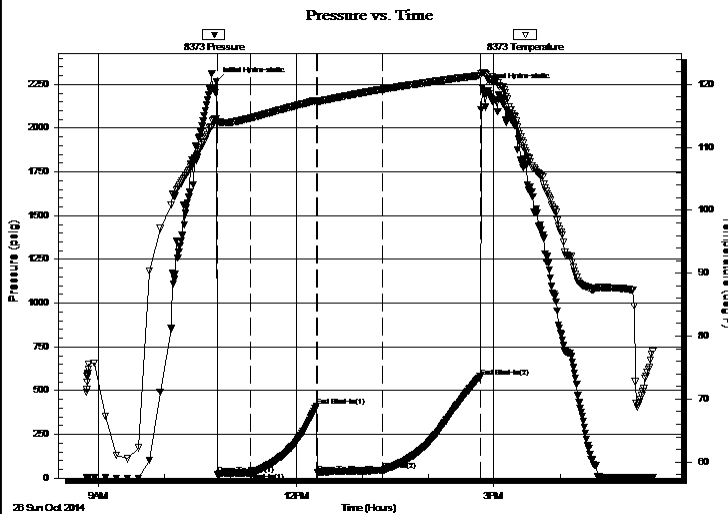
12-17s-33w Scott Ks
Ellis 1-12
 Job Ticket: 59651 **DST#: 4**
 Test Start: 2014.10.26 @ 08:49:24

GENERAL INFORMATION:

Formation: **Johnson Zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:48:24
 Time Test Ended: 17:24:54
 Interval: **4572.00 ft (KB) To 4616.00 ft (KB) (TVD)**
 Total Depth: 4616.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2977.00 ft (KB)
 2972.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 43.47 psig @ 4573.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.26 End Date: 2014.10.26 Last Calib.: 2014.10.26
 Start Time: 08:49:29 End Time: 17:24:54 Time On Btm: 2014.10.26 @ 10:47:24
 Time Off Btm: 2014.10.26 @ 14:49:24

TEST COMMENT: IF: 1/4 blow built to 3 in 30 min.
 IS: No return.
 FF: 2" blow built 3 3/4 in 60 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2266.62	114.54	Initial Hydro-static
1	22.75	114.10	Open To Flow (1)
32	30.63	114.65	Shut-In(1)
91	410.37	117.43	End Shut-In(1)
92	29.95	117.26	Open To Flow (2)
151	43.47	119.20	Shut-In(2)
240	579.98	121.40	End Shut-In(2)
242	2233.66	121.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	gocm 10%g 40%o 50%m	0.30
0.00	186 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

12-17s-33w Scott Ks

1625 N Waterfront Pkwy
Wichita, KS 67206

Ellis 1-12

Job Ticket: 59651

DST#: 4

ATTN: Dave Goldak

Test Start: 2014.10.26 @ 08:49:24

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
61.00	gocm 10%g 40%o 50%m	0.300
0.00	186 GIP	0.000

Total Length: 61.00 ft Total Volume: 0.300 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

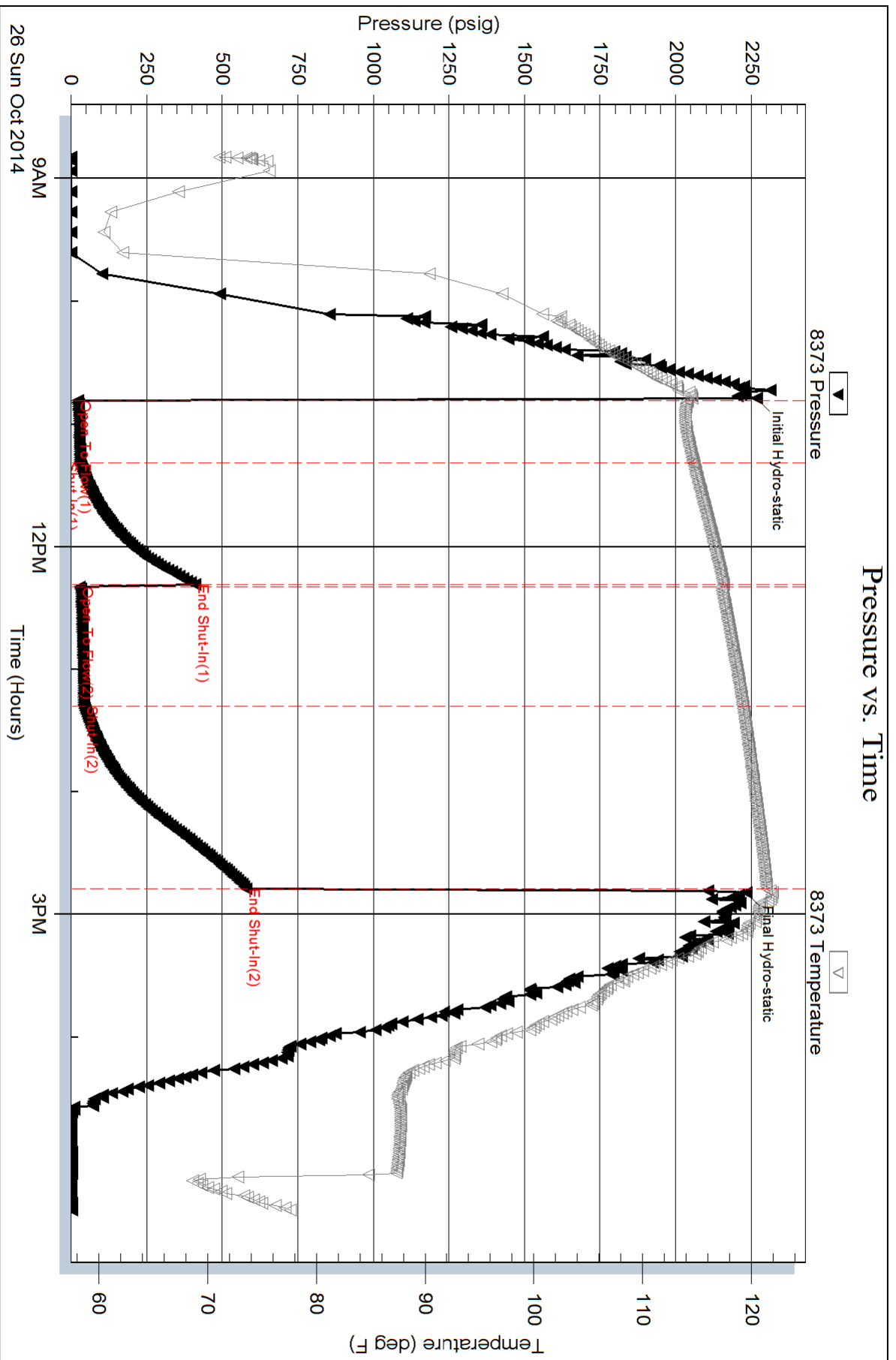
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 33@90=30

Pressure vs. Time





BASIC
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer	Stellner	Lease No.		Date	10/18/14
Lease	Ellis A-127	Well #	1-12	Service Receipt	1717-06149A
Casing	5 7/8	Depth	343.51	County	Scott
Job Type	Surface	Formation		State	KS
				Legal Description	12/17/33

Pipe Data		Perforating Data		Cement Data	
Casing size	5 7/8	Tubing Size		Shots/Ft	
Depth	343.51	Depth		From	To
Volume	19 BBL	Volume		From	To
Max Press	2000 psi	Max Press		From	To
Well Connection	PC	Annulus Vol.		From	To
Plug Depth	313.51 shut in	Packer Depth		From	To
				Lead	3005.5 from @ 111.8
					1.34 6.33
				Tail in	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
14:00					On location
15:00					Safety mtg w/BES Emps.
15:05					Spooling / Rig up
19:00					Safety mtg w/Rig crew
19:20					Pressure test 2200 psi
19:27	90		71.59 BBL	4.6	Start cementing
19:53					Cement returns to pit
19:58					Start displacement / Washup downhole
20:15			19		Displacement complete
					Shut in well
					Leaving 3 ways, 3/4 valve circulation
					Job complete

Service Units	56573	35114/19919	33021/14784		
Driver Names	Tommy M	Daniel B	Javier O		

Sid Customer Representative
 Jeremy Bennett Station Manager
 Tommy Marcellus Cementer



BASICSM
ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 05026 A

DATE _____ TICKET NO. _____

DATE OF JOB: 10/26/14	DISTRICT: 1717	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	LEASE: ELLIS	1-12		WELL NO.						
ADDRESS:	COUNTY: Scott	STATE: KS								
CITY:	STATE:		SERVICE CREW: Gabe E, Margarito, Mario							
AUTHORIZED BY: Tyce	JOB TYPE: 242		Production							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
174989	17									2:30
3722337726	12									6:00
30464 37724	9									11:30
27608 194663	9									5:07
										6:00
										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: X
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT												
CL105	VAA-2	SK	150		2730.00												
CL101	VA-Corn Blend	SK	400		7440.00												
CL110	Premium Plus	SK	180		1956.00												
CC113	Gypsum	Lb	705		528.75												
CC111	Salt	Lb	829		414.50												
CC103	VC-15	Lb	106		1325.00												
CC107	VC-42P	Lb	36		288.00												
CC201	Gilsonite	Lb	750		502.50												
CC102	Calloflake	Lb	131		484.70												
CC109	Calcium Chloride	Lb	1354		1421.70												
CF1251	Auto fill float shoe	EA	1		300.00												
CF601	Witch Down P/B	EA	1		850.00												
CF401	1100 Stage Collar	EA	1		6100.00												
CF4452	Centralizers	EA	1		750.00												
CF4502	Cement Baskets	EA	1		955.00												
CF3000	Breaklock Kit	EA	1		34.00												
CL155	Super Flush II	gal	500		765.00												
E101	Heavy Equip Mulage	mi	30		2100.00												
CE240	Blending & Mixing Charge	SK	670		938.00												
CHEMICAL / ACID DATA: <table border="1" style="width: 100%; height: 40px;"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	SUB TOTAL 27,050.00 1700.00 O/D ticket - truck medly wouldn't start 27,350.00
MATERIALS				%TAX ON \$	TOTAL												

SERVICE REPRESENTATIVE: Chad Hine
 THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____



BASICSM
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <i>Stelbar</i>	Lease No.	Date <i>10/28/14</i>
Lease <i>Ellis</i>	Well # <i>1-12</i>	Service Receipt
Casing <i>5 1/2</i>	Depth <i>4781</i>	County <i>Scott</i> State <i>Ks</i>
Job Type <i>LS D.V.</i>	Formation	Legal Description

Pipe Data		Perforating Data		Cement Data
Casing size <i>5 1/2</i>	Tubing Size	Shots/Ft		Lead 1st stage
Depth <i>4485'</i>	Depth	From <i>D.V. @ 2365'</i>	To	<i>150 SK AA-2 @ 14.8#</i>
Volume <i>105.68</i>	Volume	From	To	<i>1.51 6.63</i>
Max Press	Max Press	From	To	Tail in 2nd stage
Well Connection <i>PC.</i>	Annulus Vol.	From	To	<i>400 SK A-Com @ 11.4#</i>
Plug Depth	Packer Depth	From	To	<i>90 SK P.P. @ 14.8#</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
01:30					on loc
02:30					RON F.E.
11:23	3000				Test Lines
11:25	200		12	6	Pump superflush
11:29	200		5	6	H2O spacer
11:31	230		0	6	Mix AA-2 @ 14.8#
11:50	0		40		Shot Down, Drop Plug, Washup
11:58	50		0	4.2	start Disp.
12:13	210		50	7.5	on mud
12:26	510-1400		106	-	Plug Down, Drop Bomb
12:43	1200-130		12	4	open Tool
12:49					Hook to Rig Circ 4 hrs
16:00					Plug Rat hole
16:17	140		0	6	Start Mixing @ 11.4#
16:40	190		210	5.4	on Tail @ 14.8#
16:45	0		21.5	0	Finished Mixing, Drop Plug, washup
16:53	70		0	5	start Disp
17:04	140		46	3.5	slow Rate
17:07	550-1490		56	0	Plug Down, Tool shut
					Job Complete

Service Units	<i>78939</i>	<i>37253726</i>	<i>3046439724</i>	<i>2780819883</i>
Driver Names	<i>Chavez</i>	<i>Gechevarria</i>	<i>Marqarito</i>	<i>marib</i>

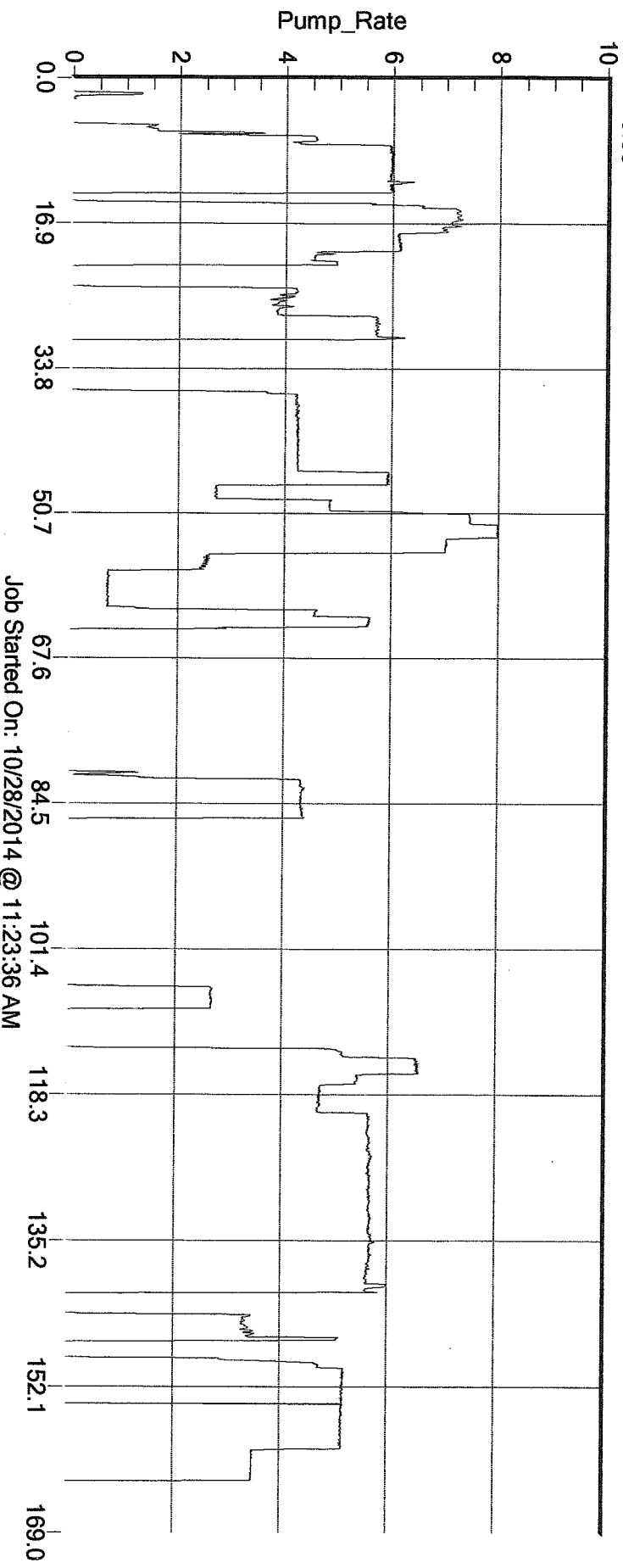
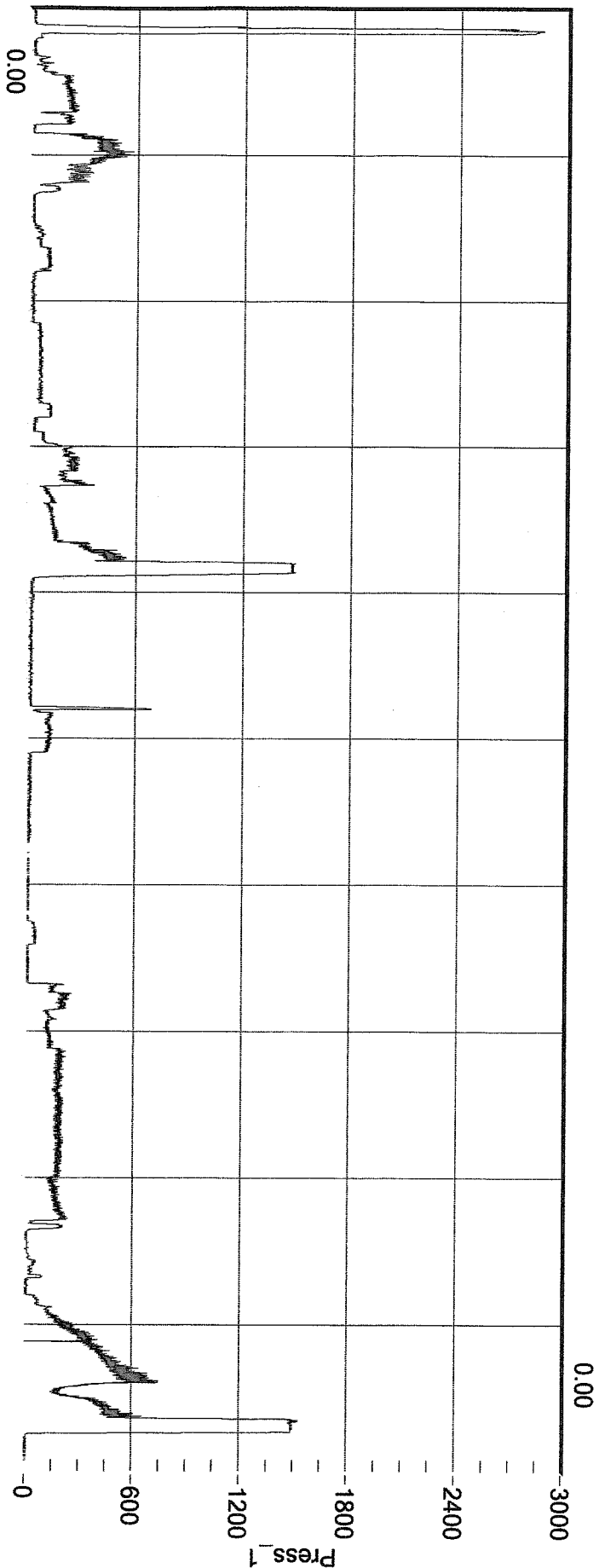
Ty Lund
Customer Representative

Jerry Bennett
Station Manager

Chad Ariz
Cementer

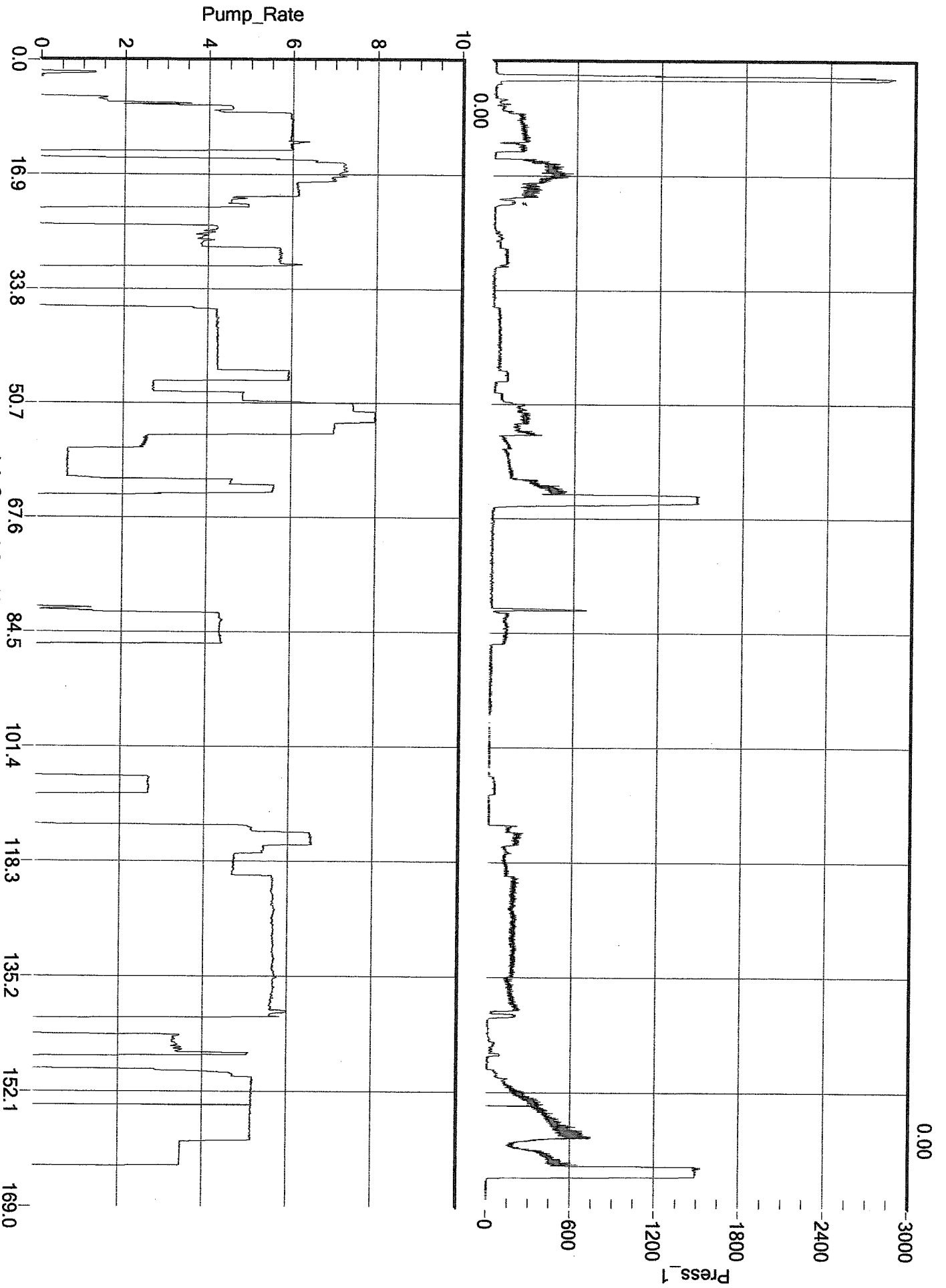
STELBAR

ELLIS 1-12



Job Started On: 10/28/2014 @ 11:23:36 AM

STELBAR
ELLIS 1-12



Job Started On: 10/28/2014 @ 11:23:36 AM

GEOLOGIC REPORT

DAVID J. GOLDAK

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

Well Name: Ellis #1-12
Location: Section 12 - T17S - R33W
License Number: API: 15-171-21103
Spud Date: 10 / 18 / 2014
Surface Coordinates: 405' FNL and 335' FEL
SW - NE - NE - NE
Region: Scott Co., KS
Drilling Completed: 10 / 27 / 2014
Bottom Hole Coordinates:
Ground Elevation (ft): 2972' K.B. Elevation (ft): 2977'
Logged Interval (ft): 3700' To: 4781' Total Depth (ft): 4781'
Formation: Mississippian - St Louis
Type of Drilling Fluid: Chemical - Mud-Co

Printed by MUD.LOG 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: 155 N. Market, Suite 710
Wichita, Kansas 67202

General Info

CONTRACTOR: WW Drilling, Rig #8

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	Smith-?	15-14-14	339	339	3.50
2	7-7/8	Smith-F27	15-14-14	4781	4442	108.50

SURVEYS: 339'-0.50, 4005'-0.75, 4781'-0.25

GENERAL DRILLING & PUMP INFORMATION:

Drilling with 7 stands of collars (6.25"x2.25"): 426.71'
Drilling with 35,000-36,000 lbs on bit and 80-85 RPM.
Pumping 57 S/M; 7.35 B/M; 900 psi at the standpipe.

Daily Status

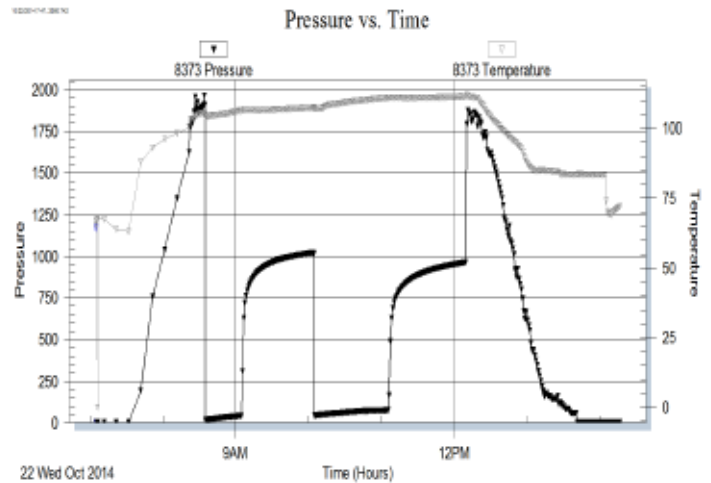
10/18/14 - Spud at 2:00 PM; Set 8-5/8" csg at 338'
10/19/14 - 688' Drilling
10/20/14 - 2,863' Drilling; Displace mud @ 3,469'
10/21/14 - 3,625' Drilling
10/22/14 - 4,005' MUTT for DST #1
10/23/14 - 4,195' MUTT for DST #2
10/24/14 - 4,364' CFS
10/25/14 - 4,520' Down for repairs; DST #3 in PM
10/26/14 - 4,616' TOH for DST #4
10/27/14 - 4,745' Drilling; Log well in PM

DST #1: 3,980' - 4,005' (LKC "B")
30" - 60" - 60" - 60"

IF: Surface blow building to 2-1/2 inches
ISI: No blow back
FF: Surface blow building to 1 inch
FSI: No blow back

RECOVERY: 131' Total Fluid, consisting of:
1' FO (100% O)
70' WCM (10% W, 90% M)
60' MCW (70% W, 30% M)
Sampler: 2000 ml Water @ 400 psi
Chlorides recovery: 27,000 ppm

SIP: 1022-964; FP: 15-42, 43-75; HP: 1963-1875; BHT: 111

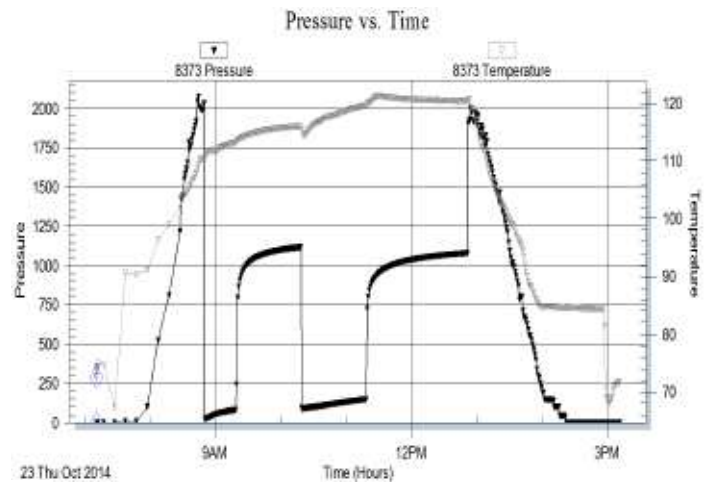


DST #2: 4,172' - 4,195' (LKC "I")
30" - 60" - 60" - 90"

IF: Fair blow building to BOB in 28 minutes
ISI: No blow back
FF: Fair blow building to BOB in 40 minutes
FSI: No blow back

RECOVERY: 90' GIP & 340' TF, consisting of:
154' GO (10% G, 90% O); Gravity: 22 API
124' GOCM (10% G, 20% O, 70% M)
62' OCM (10% O, 90% M)
Sampler: 800 ml Gas & 1200 ml Oil @ 75 psi

SIP: 1117-1081; FP: 22-83, 91-148; HP: 2066-2015; BHT: 120

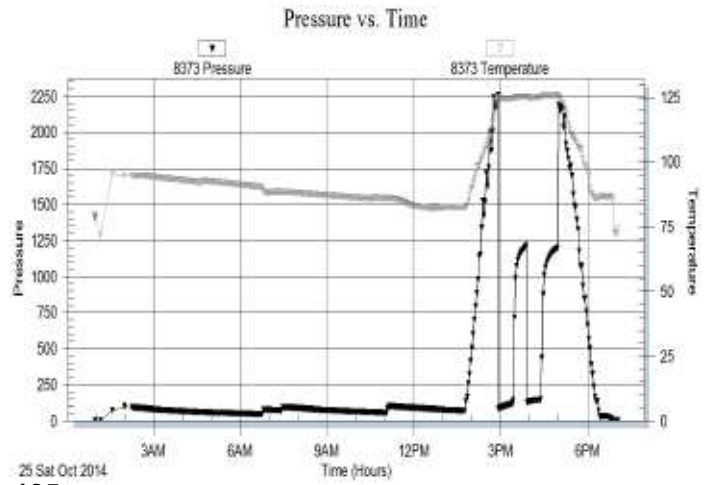


DST #3: 4,286' - 4,520' (Marmaton - Cherokee)
 30" - 30" - 30" - 30"

IF: Weak blow building to 2 inches
ISI: No blow back
FF: Surface blow building to 1 inch
FSI: No blow back

RECOVERY: 150' Total Fluid, consisting of:
 90' WCM (5% W, 95% M)
 60' MCW (80% W, 20% M)
Sampler: 2000 ml Water @ 50 psi
Chlorides recovery: 15,000 ppm

SIP: 1213-1201; FP: 86-120, 126-145; HP: 2259-2189; BHT: 125

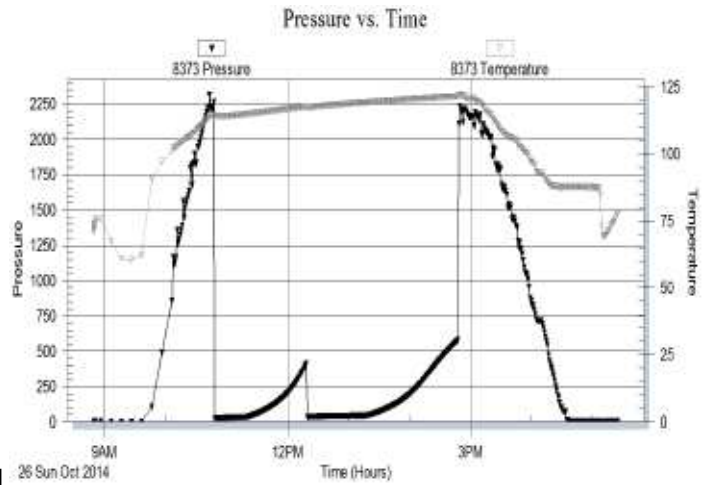


DST #4: 4,572' - 4,616' (Johnson Zone)
 30" - 60" - 60" - 90"


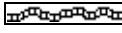
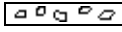
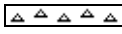
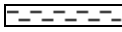



IF: Weak blow building to 3 inches
ISI: No blow back
FF: Fair blow building to 4 inches
FSI: No blow back





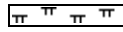

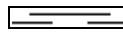
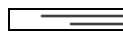
RECOVERY: 186' GIP & 61' TF, consisting of:
 61' GOCM (10% G, 40% O, 50% M)
Sampler: 1000 ml Gas & 1000 ml Oil @ 50 psi
Oil Gravity: 30 API


SIP: 410-580; FP: 23-31, 30-43; HP: 2267-2234; BHT: 121









ROCK TYPES

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

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

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

-  Sandylms
-  Shale
-  Slststn
-  Shlyslts
-  Sltysh
-  Lms

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
- Stly

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

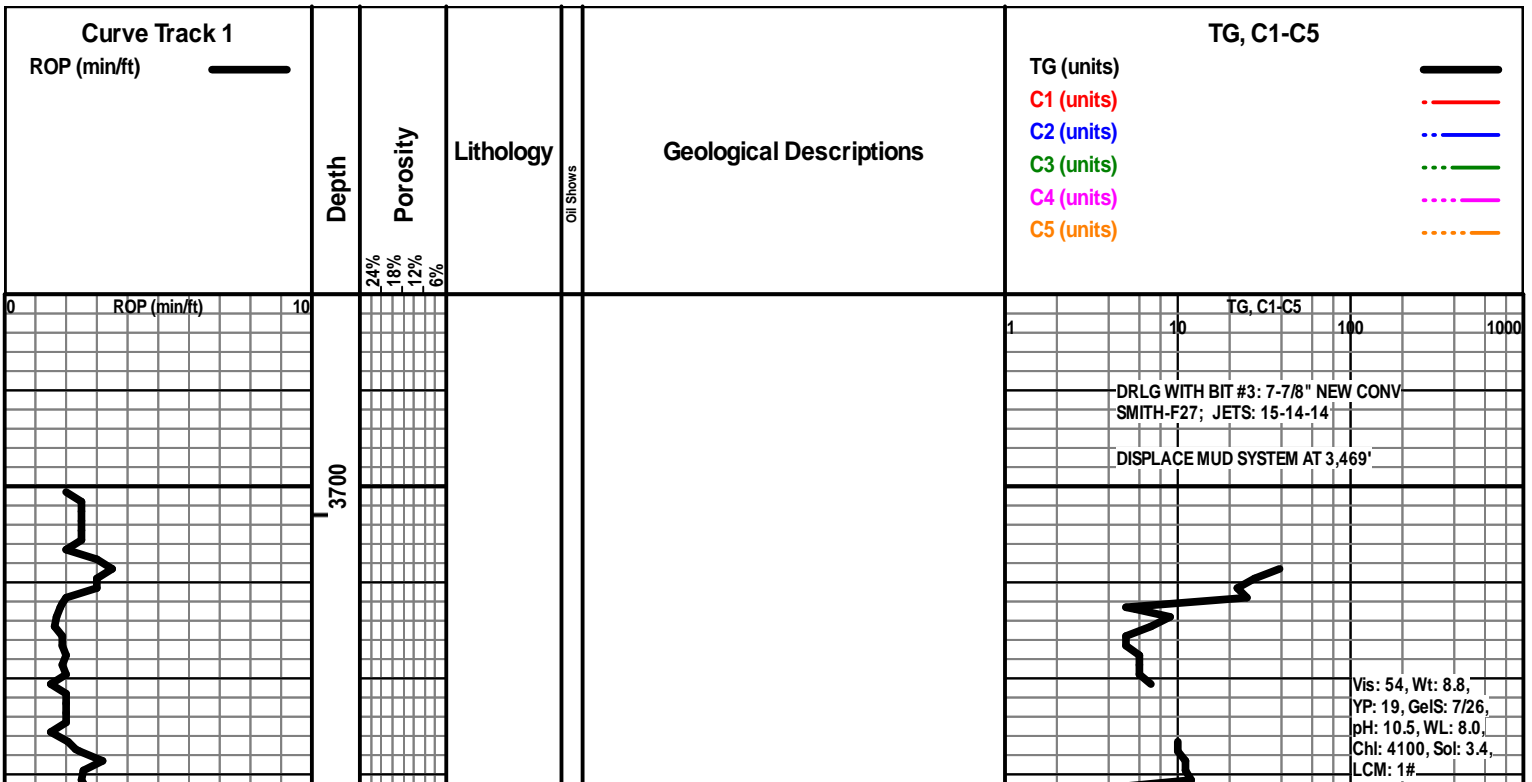
- Core
- Dst

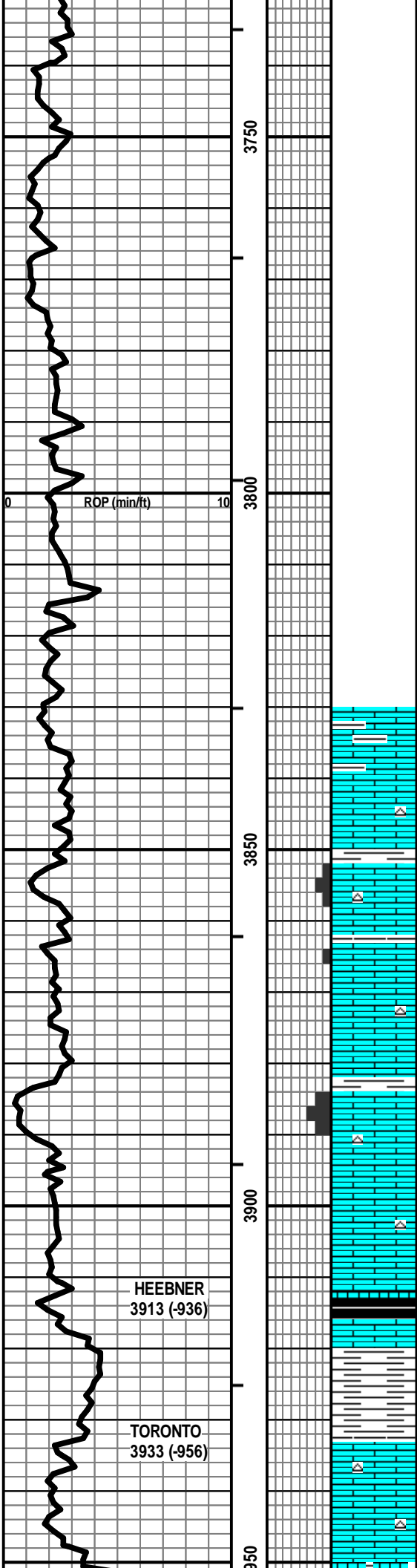


- Dst_1_t
- Dst_1_b
- Dst

EVENTS

- Rft
- Sidewall
- Conn





LS - TAN / GY / SCAT CRM, VF / F XLN, FOSS IN PT, PRED DNS, NS W/ TR CHT - WHT W/ SCAT SH - GY / GRN

LS - CRM / TAN, VF / F XLN, FOSS IN PT, SCAT P / F PPT + FOSSMOLD POR, SUBCHKY IN PT / DNS, NS W/ SCAT CHT - WHT / GY / TAN

LS - CRM / TAN / SCAT GY, F XLN, P / SCAT F PPT POR, TR VUG POR, FEW PCS SSFO, ASPH IN PT, NO ODOR, TR SPTY STN, PRED DNS W/ SCAT CHT - AS ABOVE

LS - CRM / TAN / GY, F XLN, OOL + FOSS, F / G INTOOL POR, NS W/ SCAT CHT - AS ABOVE

LS - CRM, VF / SCAT F XLN, TR FOSS, SCAT P / TR F INTXLN POR, TR P PPT POR, PRED DNS, SSGB IN PT, NO ODOR, NO STN --- TO LS - TAN / GY, VF / F XLN, TR FOSS, DNS, NS

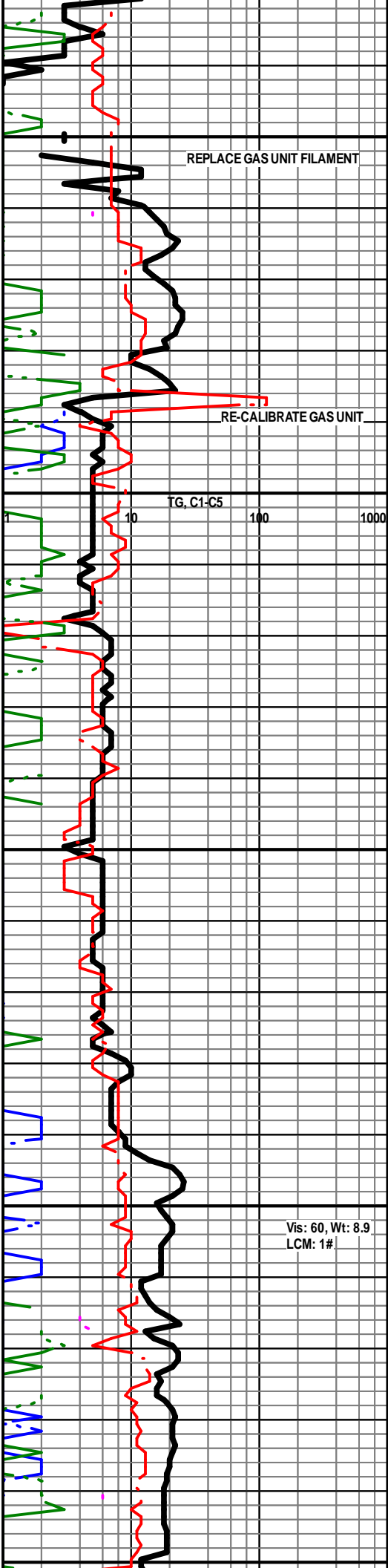
SH - BLK, CARB W/ LS - TAN, VF / F XLN, SL FOSS, PRED DNS, NS

SH - GY / GRN W/ LS - AS ABOVE

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

HEEBNER
3913 (-936)

TORONTO
3933 (-956)



REPLACE GAS UNIT FILAMENT

RE-CALIBRATE GAS UNIT

TG, C1-C5
10 100 1000

Vis: 60, Wt: 8.9
LCM: 1#

LANSING
3956 (-979)

A

B

C

D

E

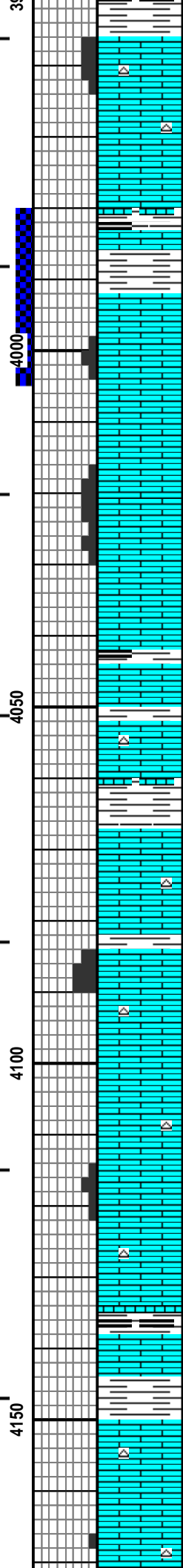
F

G

H

MUNCIE CREEK
4135 (-1158)

ROP (min/ft) 10
CFS @ 4005'



LS - CRM / TAN, F XLN, OOL, F OOM POR, SCAT F INTOOL POR, SCAT CHKY, NS W/ CHT - WHT / LT GY

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

LS - ASABOVE W/ SH - GY / SCAT GRN + BLK

LS - CRM / TAN, F XLN, OOL, SL FOSS, P / F INTOOL + VUG POR, SL / F SFO, FT ODOR, SPTY / TR SAT STN, G FLUOR + CUT

LS - CRM / WHT / TAN, VF / F / M XLN, OOL IN PT, TR FOSS, P / F INTXLN + PPT POR, TR VUG POR, CHKY IN PT, TR SPTY DEAD STN, NSFO, NO ODOR, PRED NS

LS - TAN / GY / CRM, MOT IN PT, PRED VF / F XLN, OOL IN PT, SCAT POR AS ABOVE, CHKY IN PT, PRED DNS, NS

LS - CRM / TAN, VF / F XLN, OOL + FOSS IN PT, CHTY IN PT, TR P INTXLN POR, PRED DNS, TR OILY FILM, PRED NS, V FT ODOR, TR SPTY LIGHT STN, NO / TR F FLUOR, NO / TR P CUT

LS - CRM / TAN, VF / F XLN, OOL IN PT, SCAT P / F INTPART POR, SUBCHKY IN PT / DNS, NS W/ SCAT CHT - WHT / LT GY

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

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

LS - CRM / GY / TAN, VF / F XLN, SL FOSS, SCAT P / TR F INTXLN POR, SUBCHKY IN PT / DNS, NS W/ SCAT CHT - WHT / LT GY

SH - GY / GRN / BLK W/ LS - TAN / BRN, VF / F XLN, SL FOSS + OOL, PRED NS, NS

LS - CRM / TAN, VF / F XLN, OOL IN PT, SCAT P INTXLN POR, SUBCHKY IN PT, PRED DNS, NS W/ CHT - LT GY / WHT

DST #1: 3,980'-4,005' (LKC "B")
30" - 60" - 60" - 60"

IF: Surface blow bldg to 2.5 in
ISI: No blow back
FF: Surface blow bldg to 1 in
FSI: No blow back

RECOVERY: 131' Total Fluid:
1' FO (100% O)
70' WCM (10% W, 90% M)
60' MCW (70% W, 30% M)
Sampler: 2000 ml W @ 400 psi
Chlorides recovery: 27,000 ppm

SIP: 1022-964 HP: 1963-1875
FP: 15-42, 43-75 BHT: 111

TG, C1-C5

PIPE STRAP @ 4005':
LONG 0.95'

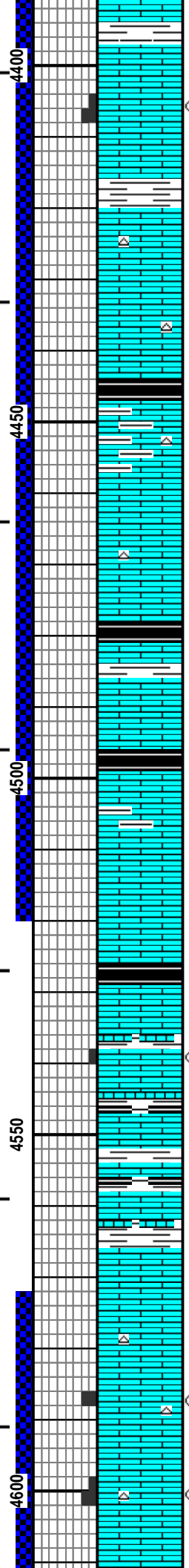
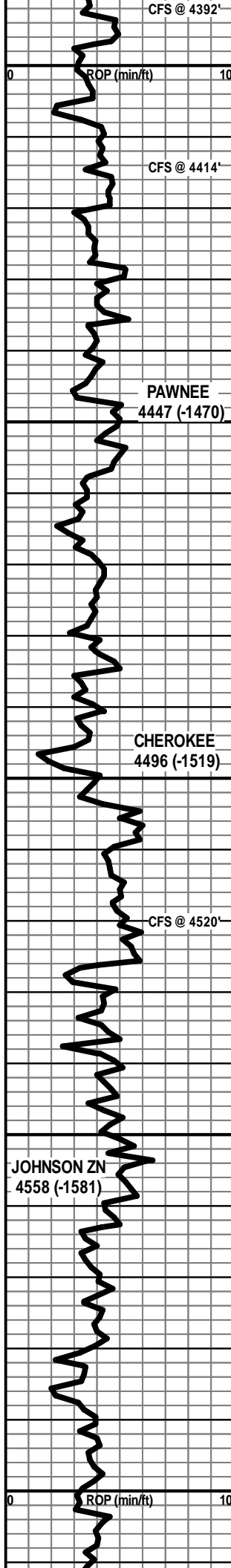
Vis: 51, Wt: 9.1,
YP: 15, GeI: 4/18,
pH: 10.0, WL: 6.8,
Chl: 2500, Sol: 5.6,
LCM: 2#

Vis: 56, Wt: 9.1
LCM: 1#

DST #2: 4,172'-4,195' (LKC "I")
30" - 60" - 60" - 90"

IF: Fair blow, BOB in 28 min
ISI: No blow back
FF: Fair blow, BOB in 40 min
FSI: No blow back

RECOVERY: 90' GIP & 340' TF:
154' GO (10% G, 90% O)
124' GOCM (10% G, 20% O, 70% M)
52' GCM (10% G, 20% M)



LS - CRM / TAN, F XLN, SL FOSS + OOL, SCAT P / F VUG + PPT POR, PRED DNS / SUBCHKY, SCAT SL / F SFO, TR GB, V FT ODOR, SCAT SPTY STN, F / G FLUOR + CUT (SM AMT OF POR & SHOW IN SAMPLES)

LS - TAN / GY / SCAT BRN, VF / F XLN, SCAT F / M REXLN CALC, TR FOSS, PRED DNS, NS W/ CHT - GY / TAN / BRN

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

LS - CRM / WHT, VF / F XLN, SL FOSS, SCAT P INTXLN POR, SUBCHKY IN PT, PRED DNS, TR SPTY STN, NSFO, NO ODOR, PRED NS W/ CHT - LT GY

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

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

LS - ASABOVE W/ SH - BLK, CARB

LS - GY / TAN, PRED F XLN, SCAT REXLN CALC, V SCAT P INTXLN + VUG POR, SSFO + GB, FT ODOR, V SCAT SPTY STN, F / G FLUOR + CUT

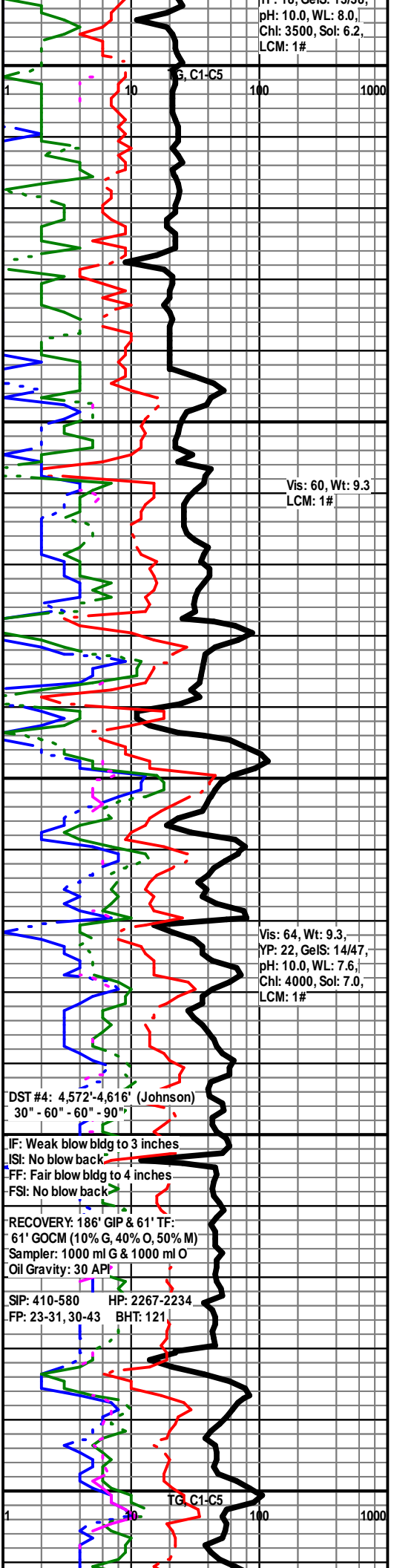
LS - TAN / BRN / SCAT GY, MOT IN PT, F XLN, BRECC. IN PT, TR FOSS, SCAT CHKY, PRED DNS, NS W/ SH - GY / SCAT BLK

LS - TAN / BRN / SCAT CRM, VF / F XLN, SCAT FOSS, SCAT SUBCHKY, PRED DNS, NS

LS - TAN / CRM, F XLN, FOSS IN PT, P / F INTXLN POR, SCAT PPT POR, SL / F SFO + GB, F ODOR, SPTY / SAT STN, G FLUOR + CUT W/ CHT - GY / TAN

LS - CRM / TAN, F / M XLN, FOSS + OOL IN PT, P / F INTPART POR, TR VUG POR, SUBCHKY IN PT, SL / F SFO, SL / G SGB, FT ODOR, SPTY / SAT STN, F / G FLUOR + CUT W/ SCAT CHT - WHT / GY / TAN

LS - SIM TO ABOVE, SUBCHKY IN PT, PRED DNS, V



FEW PCS WITH POR + SHOW (POSS CAVINGS)

RECYCLE

CFS @ 4616'

MORROW SH
4629 (-1652)

CFS @ 4637'

4650

CFS @ 4662'

MISS ST LOUIS
4683 (-1706)

4700

4750

LS - ASABOVE, PRED DNS, NS

SH - GY / BLK / GRN, SLTY IN PT W/ SCAT SS - MED /
DK GY, VF / M QTZ GR, F SRTG, A / SR, PRED SIL / SL
CALC CEM, NO VIS POR, NS

PRED SH - GY / GRN / BLK, SLTY IN PT W/ MOD AMT
UNCONS QTZ GR, F / C, SR / WR

PRED SH - GY / GRN / BLK, SLTY IN PT

SS - LT GY, VF / F QTZ GR, W SRTD, SA / SR, SIL CEM, F
INTGR POR, SL / MOD FRI IN PT, NS W/ SCAT SS - LT
GY, VF / M QTZ GR, F SRTG, SA / R, F / G INTGR POR,
FRI, NS

SS - ASABOVE, NS W/ SS - LT GY / LT GRN, VF QTZ GR,
W SRTD, SA, SIL CEM, WELL CEM, NO VIS POR, NS W/
SH - GY / GRN

LS - CRM / TAN, VF / SCAT F XLN, TR AREN, VF QTZ GR,
CHKY IN PT, PRED DNS, NS

LS - ASABOVE, NS

LS - CRM / TAN, VF / F XLN, AREN IN PT, OOL IN PT,
SCAT P INTPART POR, CHKY IN PT, NS

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

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

LS - ASABOVE, NS

TOTAL DEPTH 4781 (-1804)

Vis: 62
Wt: 9.2
YP: 22
GeIS: 15/45
pH: 10.0
WL: 8.0
Chl: 4500
Sol: 6.2
LCM: 0.5#

Vis: 54, Wt: 9.4
LCM: 0.5#

Vis: 53, Wt: 9.4,
YP: 19, GeIS: 15/39,
pH: 10.0, WL: 8.8,
Chl: 5000, Sol: 7.4,
LCM: 1#

0 ROP (min/ft) 10

4800

1 10 TG, C1-C5 100 1000