



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1196178
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: _____

1196178

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
--	---

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	Eagle Creek Corporation
Well Name	Decker 1-20
Doc ID	1196178

All Electric Logs Run

DUAL INDUCTION
COMPENSATED NEUTRON DENSITY
MICROLOG
SONIC



CONSOLIDATED
Oil Well Services, LLC

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

265 384

TICKET NUMBER 43028

LOCATION Oakley KS

FOREMAN Dave Pitzloff

FIELD TICKET & TREATMENT REPORT

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-13-14	2776	Decker 1-20	20	17	34	SCOTT
CUSTOMER <u>Eagle Creek</u>			KS			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY						
STATE						
ZIP CODE						

Scott city west to county line
out north to rd 190
East
Follow
Flags

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 281 CASING SIZE & WEIGHT 8 3/8 24 LBS
 CASING DEPTH 481 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING 20
 DISPLACEMENT 16.4 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on rig val 4th. Rig up and break circulation with rig
 Hook up to pump truck mix 130 sks com 3% cc, 2% gel. Wash up pump
 and lines displace with 14.6 BBLs water shut in and rig down.
 Cement did circulate

Thanks. Dave & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54613	1	PUMP CHARGE	1150	1150.00
5406	35	MILEAGE	5.25	183.75
5407A	8.5	Ton Mileage Delivery	1.75	580.80
11045	180 sks	Class A cement	18.55	3339.00
1102	508	Calcium Chloride	.94	477.52
1188	338	Bentonite	.27	91.26
1111	100	salt	—	—
			Subtotal	5762.33
			less 10%	576.24
			Subtotal	5186.09
			SALES TAX 8.15	286.64
			ESTIMATED TOTAL	5472.73

completed

Revin 3737

AUTHORIZATION _____

TITLE General Manager

DATE _____

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.



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

265676

TICKET NUMBER 43067
LOCATION OAKLEY KS.
FOREMAN DAMON M. WALT DINKEL

FIELD TICKET & TREATMENT REPORT

CEMENT

KS.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-27-14	2776	DECKER 1-20	20	17	34W	SCOTT
CUSTOMER EAGLE CREEK			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 8100 E. 22 nd St North			399	TIM W		
BUILDING 1500 SUITE A			460	LANCE		
CITY	STATE	ZIP CODE	528 T-127	JEFF C.		
WICHITA	KS.	67226	RIDE ALONG	TRAVIS		

JOB TYPE 2 STAGE HOLE SIZE 7 7/8 HOLE DEPTH 4950 CASING SIZE & WEIGHT 5 1/2 #15.5
CASING DEPTH 4930 DRILL PIPE _____ TUBING _____ OTHER DV 2409'
SLURRY WEIGHT 14.2/12.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING SHOE 10.9
DISPLACEMENT 117.07/57.33 DISPLACEMENT PSI _____ MIX PSI _____ RATE 6 BPM

REMARKS: Safety meeting Rig up on VAL #4 RUN FLOAT EQUIPMENT CENT ON #1, 6, 10, 13, 17, 63 BASKET ON #61 10' from top DV @ 2409 ON #61 RUN REST OF FLOAT EQUIPMENT CIRC ON BOTTOM for 1HR Pump 5BBL of H2O 500 GAL mud flush 5 BBL of H2O MIX 165 SKS OWC #5 KOLSEAL DISPLACED 117.0 BBL of H2O Lift WAS #900 LAND PLUG @ #1700 RELEASED PRESSURE DRIED UP. Rig up to CIRC 30 MIN Rig up AND MIXED 5 BBL of H2O then 425 SKS 60/40 870 92 1/4 FLO DOWN HOLE SHUT DOWN WASHED UP RELEASED PLUG AND DISPLACED 55 BBL of H2O Lift WAS #250 LANDED PLUG @ #1500 RELEASED PRESSURE FLOAT HELD WASHED UP AND RIGGED DOWN CEMENT DID CIRCULATE 30 BBL TO THE PIT.

NW 20 SKS RH 30 SKS

THANK YOU DAMON, WALT CREW

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175.00	3175.00 ✓
5406	45	MILEAGE	5.25	236.25 ✓
5407A	28.19 tons	TEN MILEAGE DELIVERY	1.25	2220.30 ✓
1126	165 SKS	OWC	23.70	3910.50 ✓
1110A	825#	KOLSEAL	.56	462.00 ✓
1131	475 SKS	60/40 70Z MIX	15.86	7533.50 ✓
1118B	3572#	BENTONITE	.27	964.44 ✓
1107	119#	FLOSEAL	2.97	353.43 ✓
11446	500 GAL	MUD FLUSH	1.00	500.00 ✓
4159	1	5 1/2 FLOAT SHOE (W)	433.75	433.75 ✓
4130	6	5 1/2 CENTRALIZERS (I)	61.00	366.00 ✓
4104	1	5 1/2 BASKET (W)	290.00	290.00 ✓
4283	1	#240 - 5 1/2 DV TOOL W/ LATCHDOWN ASSY.	4042.50	4042.50 ✓
1111	200#	SALT	N/C	N/C ✓
			SUBTOTAL	24487.67 ✓
			LESS 10% DISC	2448.77 ✓
			SUBTOTAL	22038.90 ✓
			SALES TAX 8.15	1383.09 ✓
			ESTIMATED TOTAL	23421.99 ✓

completed

Revin 3737

AUTHORIZATION _____

TITLE _____

DATE _____

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.



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

8100 East 22nd. St. North
Building 1500 Suite A
Wichita KS 67226

ATTN: Dave Callawaert

Decker #1-20

20-17s-34w Scott,KS

Start Date: 2014.01.21 @ 17:56:15

End Date: 2014.01.22 @ 01:06:00

Job Ticket #: 56736 DST #: 1

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

Printed: 2014.01.27 @ 14:59:15



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corporation
 8100 East 22nd.St. North
 Building 1500 Suite A
 Wichita KS 67226
 ATTN: Dave Callaw aert

20-17s-34w Scott,KS

Decker #1-20

Job Ticket: 56736

DST#: 1

Test Start: 2014.01.21 @ 17:56:15

GENERAL INFORMATION:

Formation: **LKC "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:53:30

Time Test Ended: 01:06:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: 4226.00 ft (KB) To 4260.00 ft (KB) (TVD)

Reference Elevations: 3078.00 ft (KB)

Total Depth: 4260.00 ft (KB) (TVD)

3069.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8846 Outside

Press@RunDepth: 25.64 psig @ 4227.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.21

End Date:

2014.01.22

Last Calib.:

2014.01.22

Start Time: 17:56:15

End Time:

01:06:00

Time On Btm:

2014.01.21 @ 20:53:15

Time Off Btm:

2014.01.21 @ 22:54:00

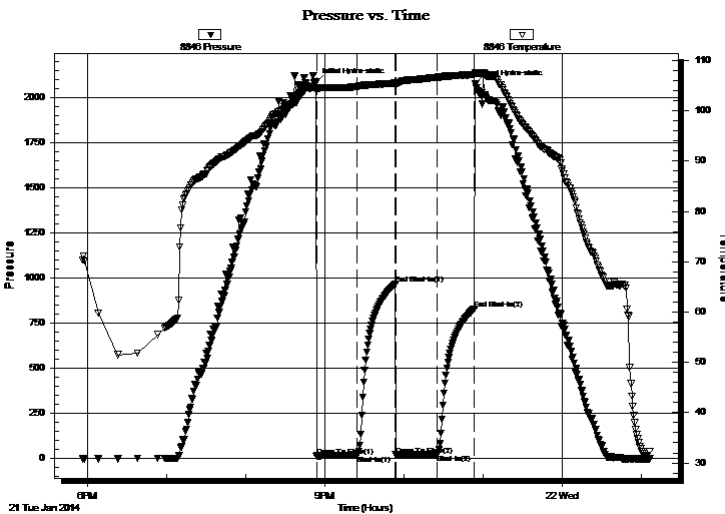
TEST COMMENT: IF:Built to weak surface blow and died in 17min.

IS:No return blow

FF:No blow

FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2086.02	104.51	Initial Hydro-static
1	14.85	104.01	Open To Flow (1)
31	20.15	104.87	Shut-In(1)
60	966.54	105.52	End Shut-In(1)
61	21.70	104.96	Open To Flow (2)
92	25.64	106.67	Shut-In(2)
120	830.81	107.22	End Shut-In(2)
121	2075.07	107.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud with oil spots 100% m	0.02

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corporation

8100 East 22nd.St. North
Building 1500 Suite A
Wichita KS 67226
ATTN: Dave Callaw aert

20-17s-34w Scott,KS

Decker #1-20

Job Ticket: 56736

DST#: 1

Test Start: 2014.01.21 @ 17:56:15

GENERAL INFORMATION:

Formation: **LKC "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:53:30

Time Test Ended: 01:06:00

Interval: 4226.00 ft (KB) To 4260.00 ft (KB) (TVD)

Total Depth: 4260.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Reference Elevations: 3078.00 ft (KB)

3069.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8737 Inside

Press@RunDepth: psig @ 4227.00 ft (KB)

Start Date: 2014.01.21

End Date:

2014.01.22

Start Time: 17:56:15

End Time:

01:06:00

Capacity: 8000.00 psig

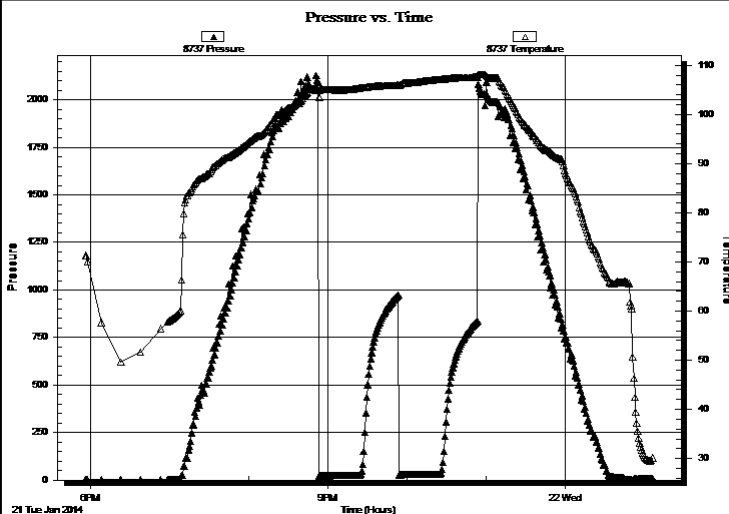
Last Calib.:

2014.01.22

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:Built to weak surface blow and died in 17min.
IS:No return blow
FF:No blow
FS:No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud with oil spots 100% m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corporation

20-17s-34w Scott,KS

8100 East 22nd.St. North
Building 1500 Suite A
Wichita KS 67226
ATTN: Dave Callaw aert

Decker #1-20

Job Ticket: 56736

DST#: 1

Test Start: 2014.01.21 @ 17:56:15

Tool Information

Drill Pipe:	Length: 4186.00 ft	Diameter: 3.80 inches	Volume: 58.72 bbl	Tool Weight:	1500.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 58.87 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4226.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	62.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4199.00	
Shut In Tool	5.00			4204.00	
Hydraulic tool	5.00			4209.00	
Jars	5.00			4214.00	
Safety Joint	3.00			4217.00	
Packer	5.00			4222.00	28.00 Bottom Of Top Packer
Packer	4.00			4226.00	
Stubb	1.00			4227.00	
Recorder	0.00	8737	Inside	4227.00	
Recorder	0.00	8846	Outside	4227.00	
Perforations	28.00			4255.00	
Bullnose	5.00			4260.00	34.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corporation

20-17s-34w Scott,KS

8100 East 22nd.St. North
Building 1500 Suite A
Wichita KS 67226
ATTN: Dave Callaw aert

Decker #1-20

Job Ticket: 56736

DST#: 1

Test Start: 2014.01.21 @ 17:56:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 4.00 sec/qt

Water Loss: 53.60 in³

Resistivity: 8.00 ohm.m

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

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

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

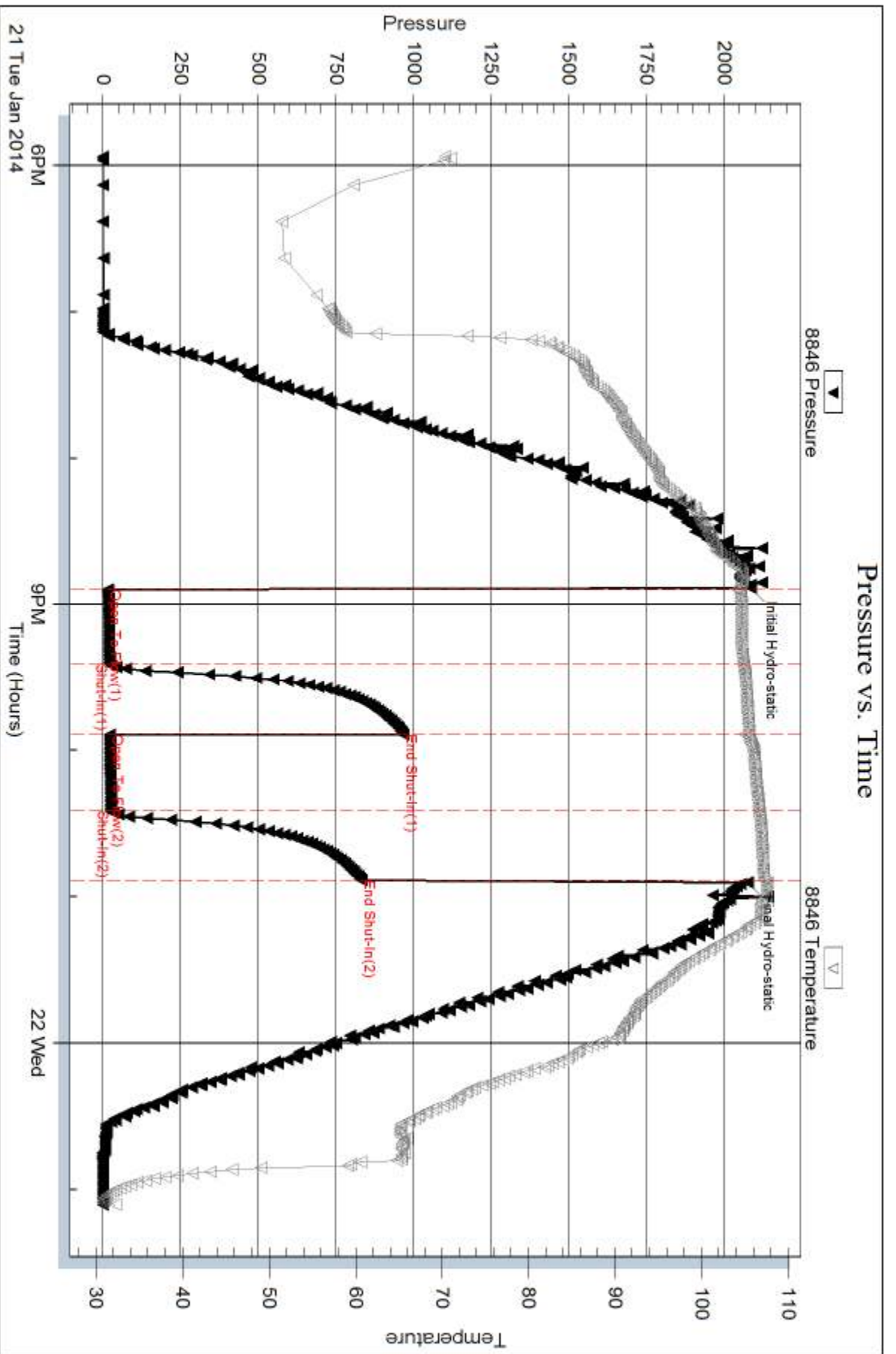
Recovery Comments:

Serial #: 8846

Outside Eagle Creek Corporation

Decker #1-20

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 56736

Printed: 2014.01.27 @ 14:59:17

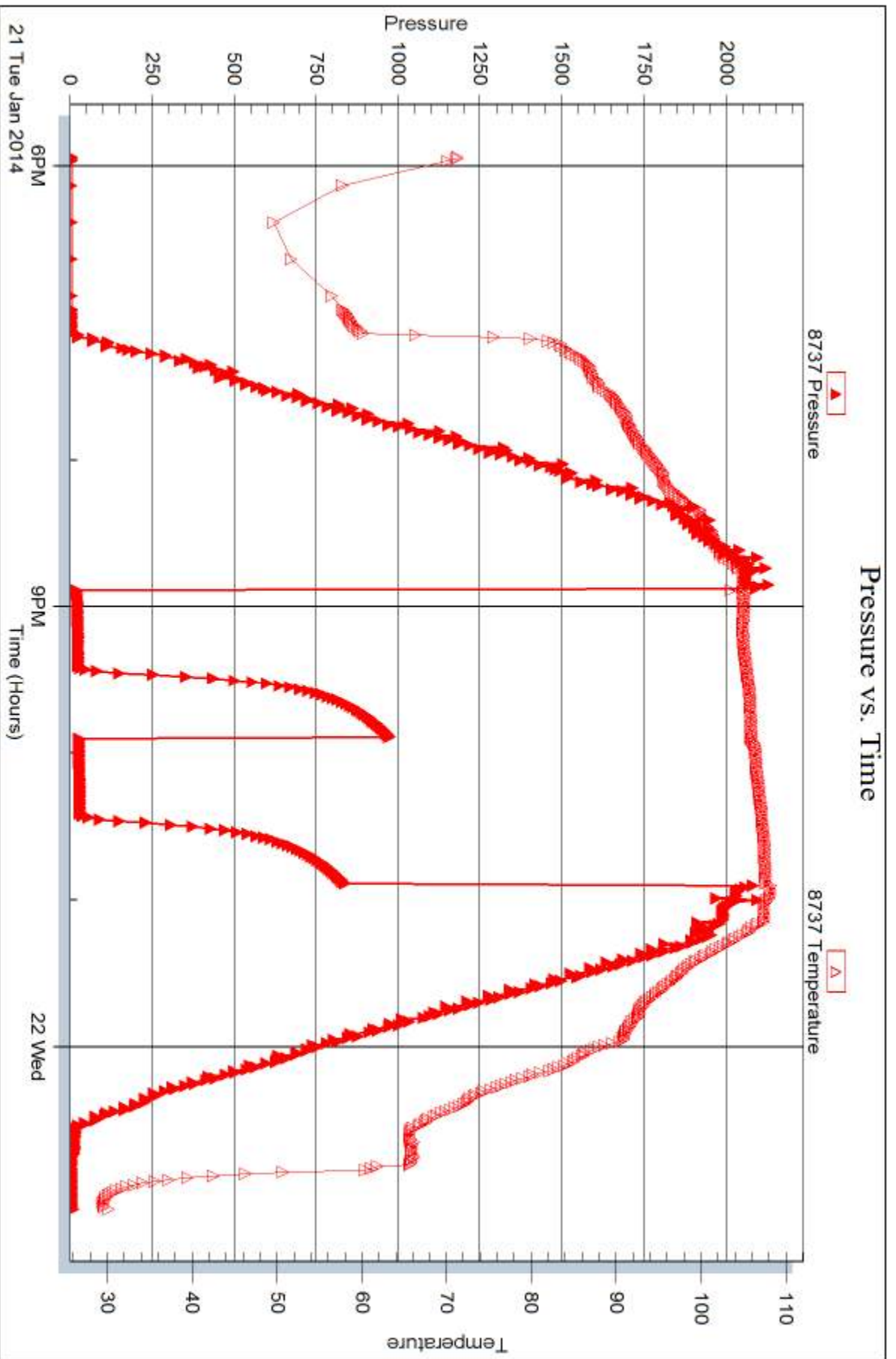
Serial #: 8737

Inside

Eagle Creek Corporation

Decker #1-20

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 56736

Printed: 2014.01.27 @ 14:59:17



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

8100 East 22nd. St. North
Building 1500 Suite A
Wichita KS 67226

ATTN: Dave Callawaert

Decker #1-20

20-17s-34w Scott,KS

Start Date: 2014.01.22 @ 23:42:15

End Date: 2014.01.23 @ 06:53:30

Job Ticket #: 56737 DST #: 2

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

Printed: 2014.01.27 @ 14:58:45



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Eagle Creek Corporation
 8100 East 22nd. St. North
 Building 1500 Suite A
 Wichita KS 67226
 ATTN: Dave Callaw aert

20-17s-34w Scott,KS

Decker #1-20

Job Ticket: 56737

DST#: 2

Test Start: 2014.01.22 @ 23:42:15

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:54:00

Time Test Ended: 06:53:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4378.00 ft (KB) To 4460.00 ft (KB) (TVD)

Reference Elevations: 3078.00 ft (KB)

Total Depth: 4460.00 ft (KB) (TVD)

3069.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8846

Inside

Press@RunDepth: 87.90 psig @ 4379.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.22

End Date:

2014.01.23

Last Calib.: 2014.01.23

Start Time: 23:42:15

End Time:

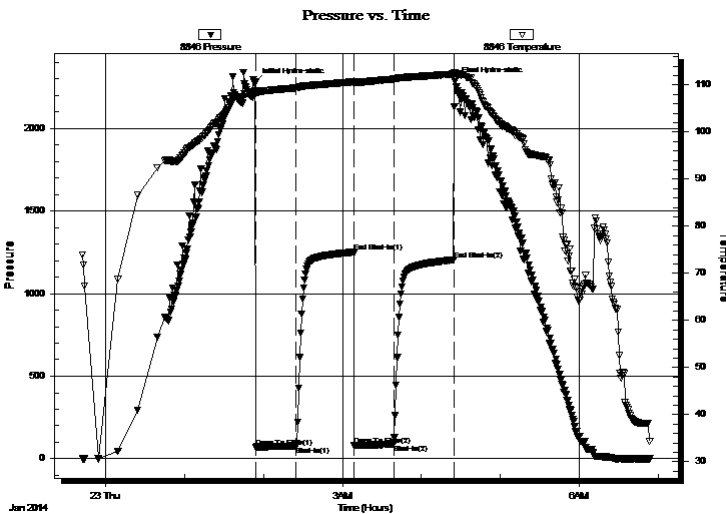
06:53:30

Time On Btm: 2014.01.23 @ 01:53:30

Time Off Btm: 2014.01.23 @ 04:25:45

TEST COMMENT: IF: Built to 1/8" blow
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2274.24	108.70	Initial Hydro-static
1	71.25	108.28	Open To Flow (1)
32	78.44	109.39	Shut-In(1)
75	1251.13	110.70	End Shut-In(1)
76	80.66	110.33	Open To Flow (2)
106	87.90	111.23	Shut-In(2)
151	1204.04	112.31	End Shut-In(2)
153	2282.89	112.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud w ith oil spots	0.71

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Eagle Creek Corporation

20-17s-34w Scott,KS

8100 East 22nd.St. North
 Building 1500 Suite A
 Wichita KS 67226
 ATTN: Dave Callaw aert

Decker #1-20

Job Ticket: 56737

DST#: 2

Test Start: 2014.01.22 @ 23:42:15

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:54:00

Time Test Ended: 06:53:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4378.00 ft (KB) To 4460.00 ft (KB) (TVD)

Total Depth: 4460.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3078.00 ft (KB)

3069.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 4379.00 ft (KB)

Start Date: 2014.01.22

End Date:

2014.01.23

Start Time: 23:42:15

End Time:

06:53:30

Capacity: 8000.00 psig

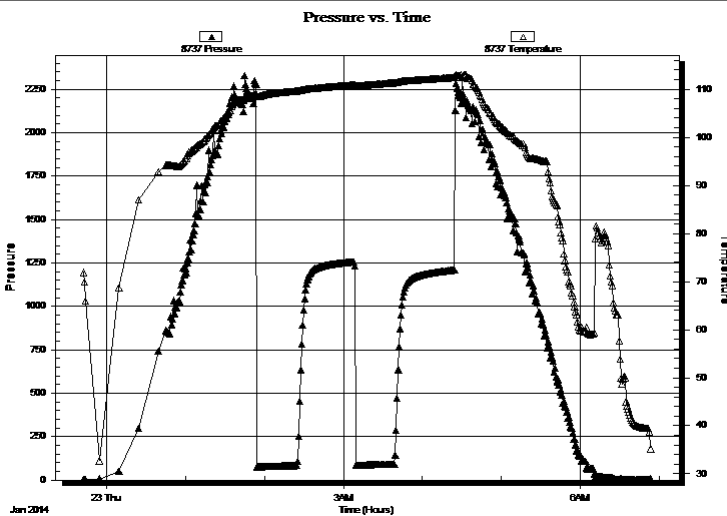
Last Calib.:

2014.01.23

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:Built to 1/8" blow
 IS:No return blow
 FF:No blow
 FS:No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud w ith oil spots	0.71

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corporation

20-17s-34w Scott,KS

8100 East 22nd.St. North
Building 1500 Suite A
Wichita KS 67226
ATTN: Dave Callaw aert

Decker #1-20

Job Ticket: 56737

DST#: 2

Test Start: 2014.01.22 @ 23:42:15

Tool Information

Drill Pipe:	Length: 4349.00 ft	Diameter: 3.80 inches	Volume: 61.01 bbl	Tool Weight:	1500.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 61.16 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4378.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	82.00 ft				
Tool Length:	111.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4350.00	
Shut In Tool	5.00			4355.00	
Hydraulic tool	5.00			4360.00	
Jars	5.00			4365.00	
Safety Joint	3.00			4368.00	
Packer	5.00			4373.00	29.00 Bottom Of Top Packer
Packer	5.00			4378.00	
Stubb	1.00			4379.00	
Recorder	0.00	8846	Inside	4379.00	
Recorder	0.00	8737	Outside	4379.00	
Perforations	1.00			4380.00	
Change Over Sub	1.00			4381.00	
Drill Pipe	63.00			4444.00	
Change Over Sub	1.00			4445.00	
Perforations	10.00			4455.00	
Bullnose	5.00			4460.00	82.00 Bottom Packers & Anchor
Total Tool Length:	111.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corporation

20-17s-34w Scott,KS

8100 East 22nd.St. North
Building 1500 Suite A
Wichita KS 67226
ATTN: Dave Callaw aert

Decker #1-20

Job Ticket: 56737

DST#: 2

Test Start: 2014.01.22 @ 23:42:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.96 in³

Resistivity: 8.00 ohm.m

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	mud w ith oil spots	0.709

Total Length: 70.00 ft Total Volume: 0.709 bbl

Num Fluid Samples: 0

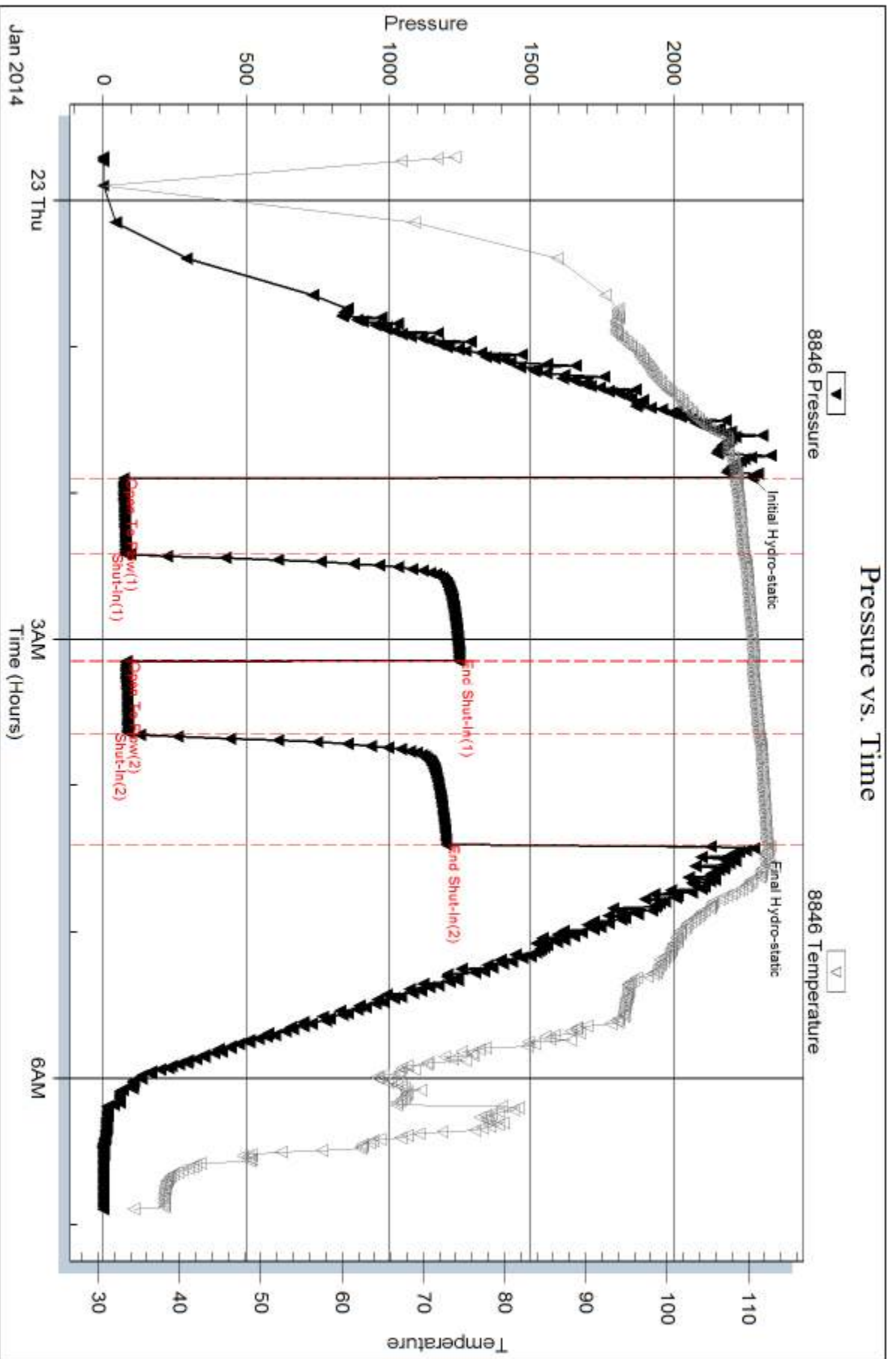
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

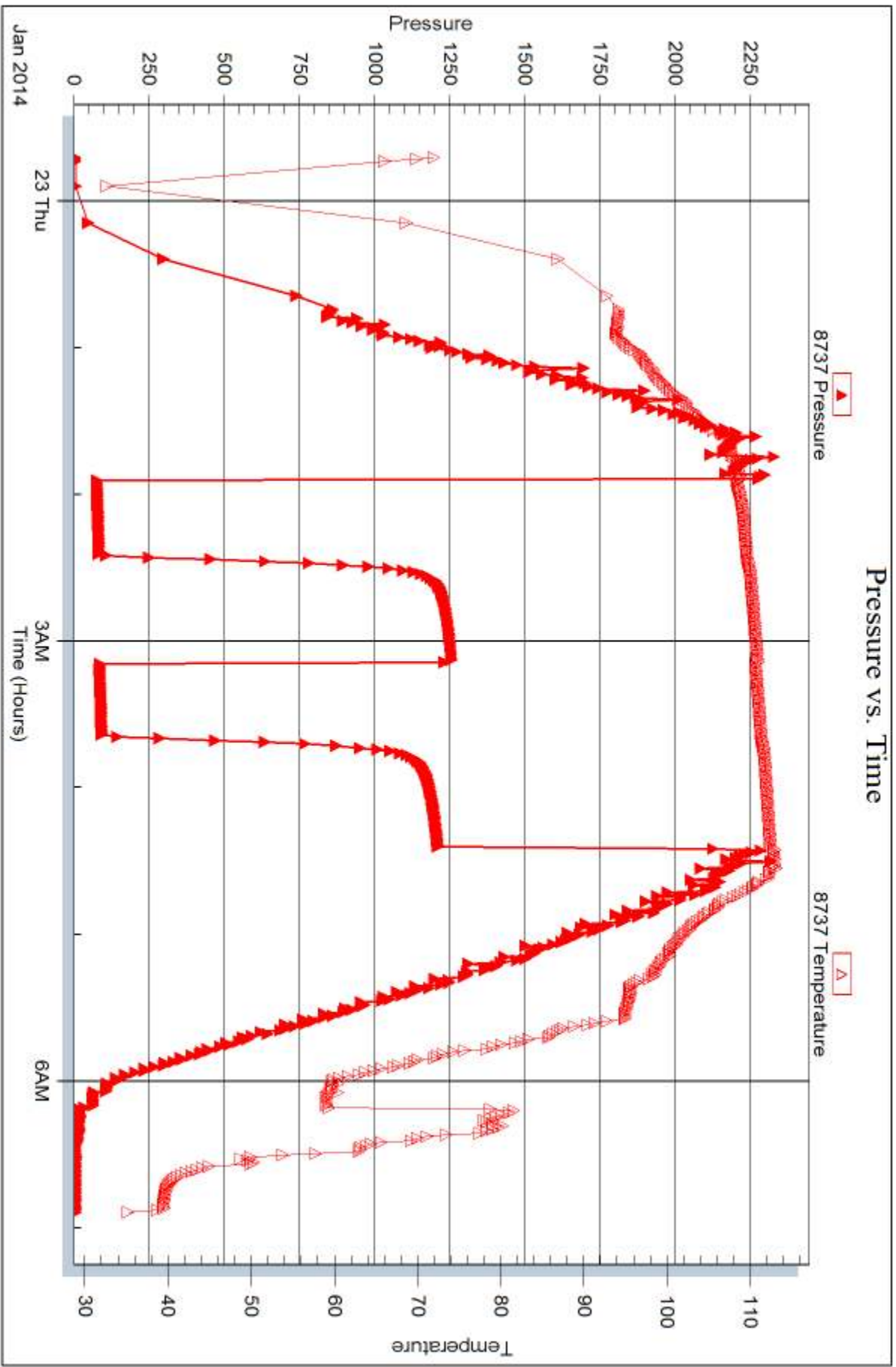


Serial #: 8737

Outside Eagle Creek Corporation

Decker #1-20

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 56737

Printed: 2014.01.27 @ 14:58:47



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

8100 East 22nd. St. North
Building 1500 Suite A
Wichita KS 67226

ATTN: Dave Callawaert

Decker #1-20

20-17s-34w Scott,KS

Start Date: 2014.01.23 @ 16:30:15

End Date: 2014.01.24 @ 02:22:30

Job Ticket #: 56738 DST #: 3

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

Printed: 2014.01.27 @ 14:58:17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corporation
 8100 East 22nd.St. North
 Building 1500 Suite A
 Wichita KS 67226
 ATTN: Dave Callaw aert

20-17s-34w Scott,KS

Decker #1-20

Job Ticket: 56738

DST#: 3

Test Start: 2014.01.23 @ 16:30:15

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:16:15
 Tester: Mike Roberts
 Time Test Ended: 02:22:30
 Unit No: 65
 Interval: **4456.00 ft (KB) To 4480.00 ft (KB) (TVD)**
 Reference Elevations: 3078.00 ft (KB)
 Total Depth: 4480.00 ft (KB) (TVD)
 3069.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 9.00 ft

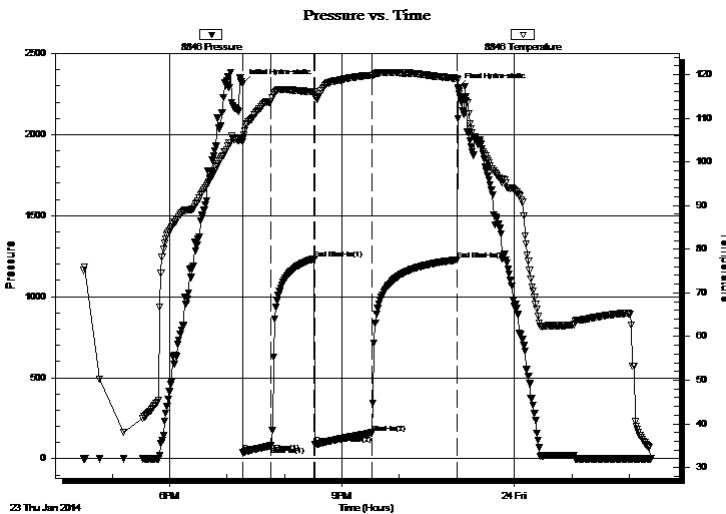
Serial #: 8846

Outside

Press@RunDepth: 159.33 psig @ 4457.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2014.01.23 End Date: 2014.01.24 Last Calib.: 2014.01.24
 Start Time: 16:30:15 End Time: 02:22:30
 Time On Btm: 2014.01.23 @ 19:16:00
 Time Off Btm: 2014.01.23 @ 23:01:30

TEST COMMENT: IF:BOB in 11 min.
 IS: Return blow built to 5"
 FF:BOB in 15 min.
 FS:Return blow built to 9"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2313.87	105.17	Initial Hydro-static
1	36.95	104.69	Open To Flow (1)
30	79.72	113.74	Shut-In(1)
75	1234.32	116.01	End Shut-In(1)
76	88.78	114.99	Open To Flow (2)
135	159.33	119.74	Shut-In(2)
225	1227.02	119.11	End Shut-In(2)
226	2291.80	116.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP= 434 ft	0.00
124.00	gcom 10%g 20%o 70%m	1.47
248.00	gco 10%g 90%o	3.48

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corporation

20-17s-34w Scott,KS

8100 East 22nd.St. North
Building 1500 Suite A
Wichita KS 67226
ATTN: Dave Callaw aert

Decker #1-20

Job Ticket: 56738

DST#: 3

Test Start: 2014.01.23 @ 16:30:15

Tool Information

Drill Pipe:	Length: 4428.00 ft	Diameter: 3.80 inches	Volume: 62.11 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 62.26 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4456.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	52.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

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

Change Over Sub	1.00			4429.00	
Shut In Tool	5.00			4434.00	
Hydraulic tool	5.00			4439.00	
Jars	5.00			4444.00	
Safety Joint	3.00			4447.00	
Packer	5.00			4452.00	28.00 Bottom Of Top Packer
Packer	4.00			4456.00	
Stubb	1.00			4457.00	
Recorder	0.00	8737	Inside	4457.00	
Recorder	0.00	8846	Outside	4457.00	
Perforations	18.00			4475.00	
Bullnose	5.00			4480.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corporation
8100 East 22nd. St. North
Building 1500 Suite A
Wichita KS 67226
ATTN: Dave Callaw aert

20-17s-34w Scott, KS
Decker #1-20
Job Ticket: 56738 **DST#: 3**
Test Start: 2014.01.23 @ 16:30:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 26 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.97 in ³	Gas Cushion Type:	
Resistivity: 8.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 7000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

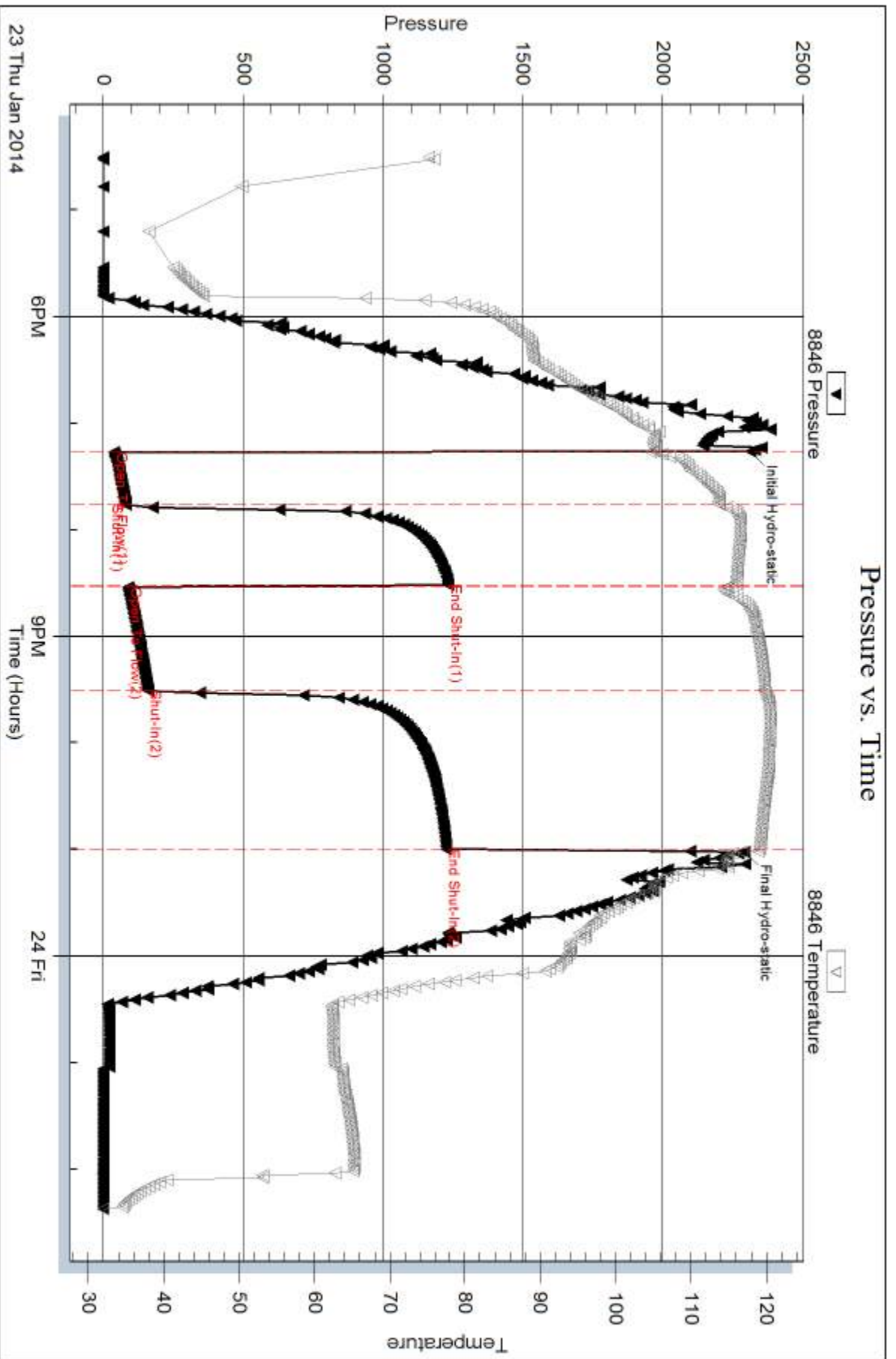
Length ft	Description	Volume bbl
0.00	GIP= 434 ft	0.000
124.00	gcom 10%g 20%o 70%m	1.466
248.00	gco 10%g 90%o	3.479

Total Length: 372.00 ft Total Volume: 4.945 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API= 24@80 corrected to 26 @ 60



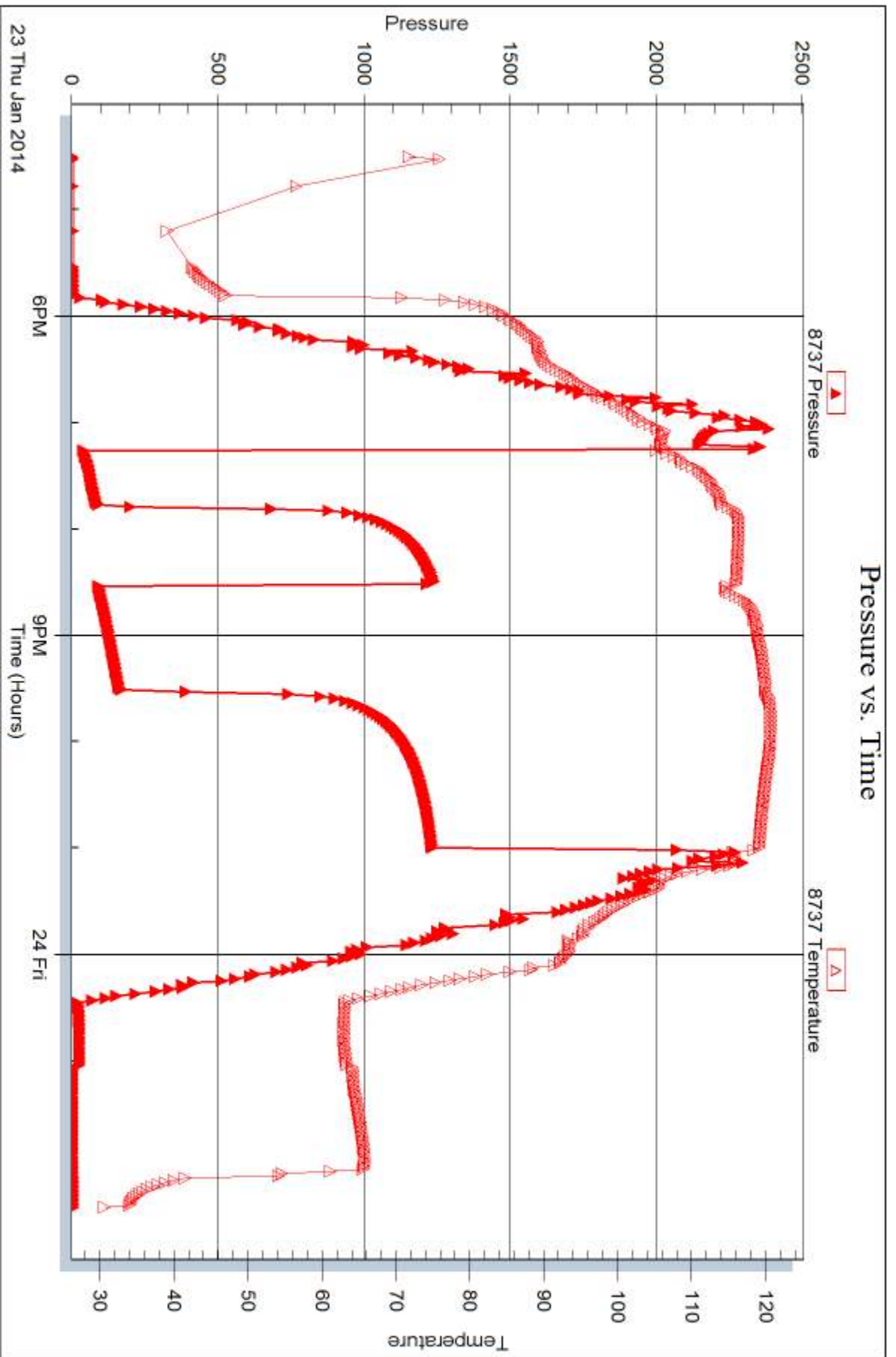
Serial #: 8737

Inside

Eagle Creek Corporation

Decker #1-20

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 56738

Printed: 2014.01.27 @ 14:58:19



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

8100 East 22nd. St. North
Building 1500 Suite A
Wichita KS 67226

ATTN: Dave Callawaert

Decker #1-20

20-17s-34w Scott,KS

Start Date: 2014.01.24 @ 14:27:15

End Date: 2014.01.24 @ 22:16:15

Job Ticket #: 56739 DST #: 4

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

Printed: 2014.01.27 @ 14:57:40



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Eagle Creek Corporation
 8100 East 22nd.St. North
 Building 1500 Suite A
 Wichita KS 67226
 ATTN: Dave Callaw aert

20-17s-34w Scott,KS

Decker #1-20

Job Ticket: 56739

DST#: 4

Test Start: 2014.01.24 @ 14:27:15

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:55:00

Time Test Ended: 22:16:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4478.00 ft (KB) To 4503.00 ft (KB) (TVD)

Reference Elevations: 3078.00 ft (KB)

Total Depth: 4503.00 ft (KB) (TVD)

3069.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8846 Outside

Press@RunDepth: 52.28 psig @ 4479.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.24

End Date:

2014.01.24

Last Calib.:

2014.01.24

Start Time: 14:27:15

End Time:

22:16:15

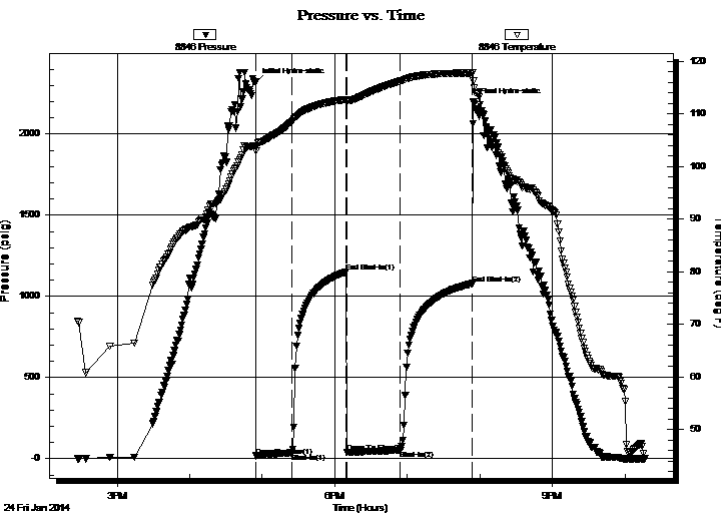
Time On Btm:

2014.01.24 @ 16:54:45

Time Off Btm:

2014.01.24 @ 19:54:45

TEST COMMENT: IF:Built to 2" blow
 IS:No return blow
 FF:Built to weak surface blow
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2316.33	103.83	Initial Hydro-static
1	17.13	103.03	Open To Flow (1)
30	35.68	108.55	Shut-In(1)
75	1150.78	112.71	End Shut-In(1)
75	38.46	112.47	Open To Flow (2)
120	52.28	116.21	Shut-In(2)
179	1078.81	117.74	End Shut-In(2)
180	2196.17	116.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	mcsw 20% m 80 % sw	0.99

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corporation

20-17s-34w Scott,KS

8100 East 22nd.St. North
Building 1500 Suite A
Wichita KS 67226
ATTN: Dave Callaw aert

Decker #1-20

Job Ticket: 56739

DST#: 4

Test Start: 2014.01.24 @ 14:27:15

Tool Information

Drill Pipe:	Length: 4440.00 ft	Diameter: 3.80 inches	Volume: 62.28 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 62.43 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4478.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	53.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4451.00	
Shut In Tool	5.00			4456.00	
Hydraulic tool	5.00			4461.00	
Jars	5.00			4466.00	
Safety Joint	3.00			4469.00	
Packer	5.00			4474.00	28.00 Bottom Of Top Packer
Packer	4.00			4478.00	
Stubb	1.00			4479.00	
Recorder	0.00	8737	Inside	4479.00	
Recorder	0.00	8846	Outside	4479.00	
Perforations	19.00			4498.00	
Bullnose	5.00			4503.00	25.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corporation

20-17s-34w Scott,KS

8100 East 22nd.St. North
Building 1500 Suite A
Wichita KS 67226
ATTN: Dave Callaw aert

Decker #1-20

Job Ticket: 56739

DST#: 4

Test Start: 2014.01.24 @ 14:27:15

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:

14000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 8.80 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	mcsw 20%m 80 % sw	0.989

Total Length: 90.00 ft Total Volume: 0.989 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

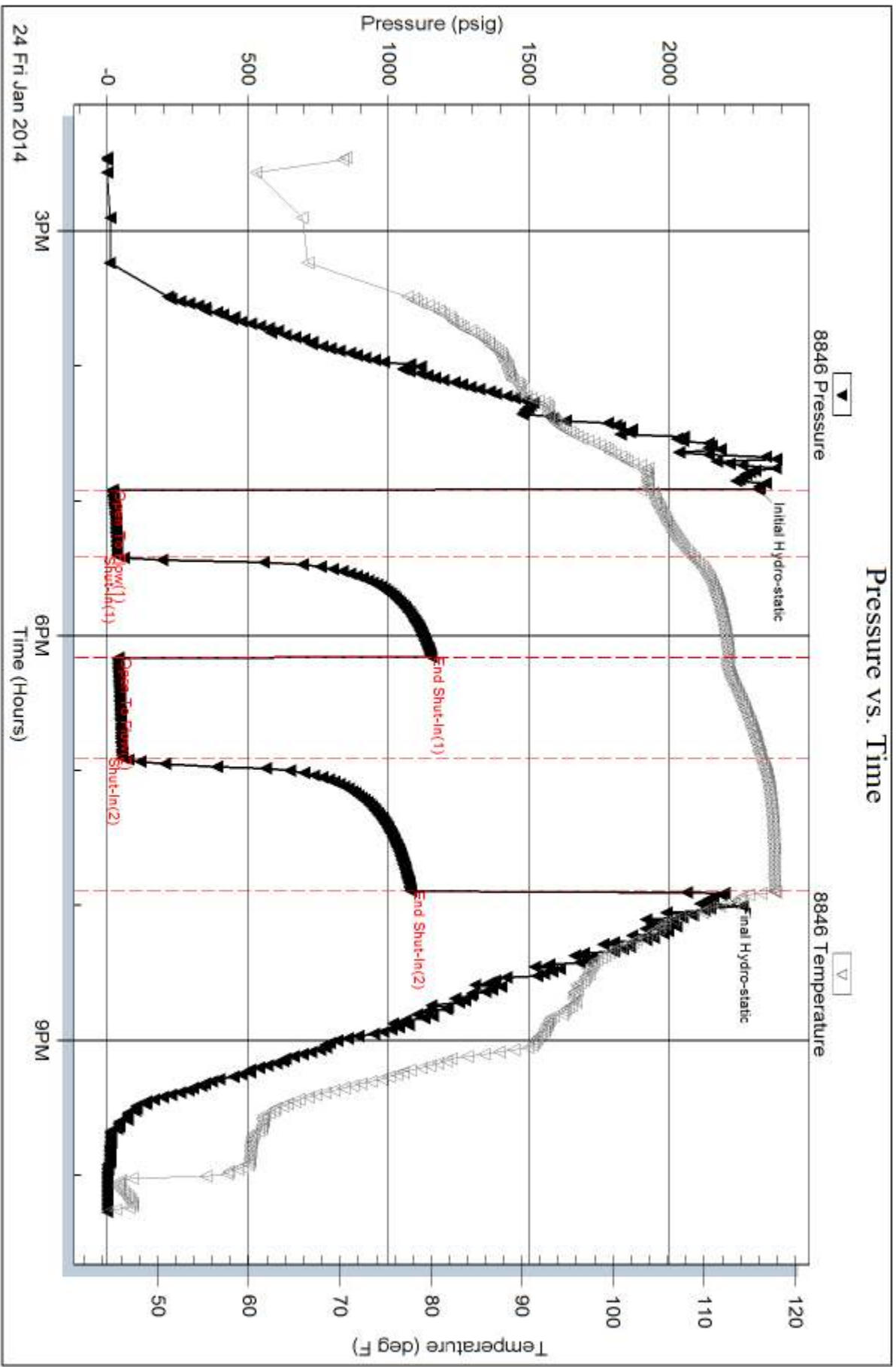
Recovery Comments: RW= .833@ 42.5*=14,000 ppm

Serial #: 8846

Outside Eagle Creek Corporation

Decker #1-20

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 56739

Printed: 2014.01.27 @ 14:57:43

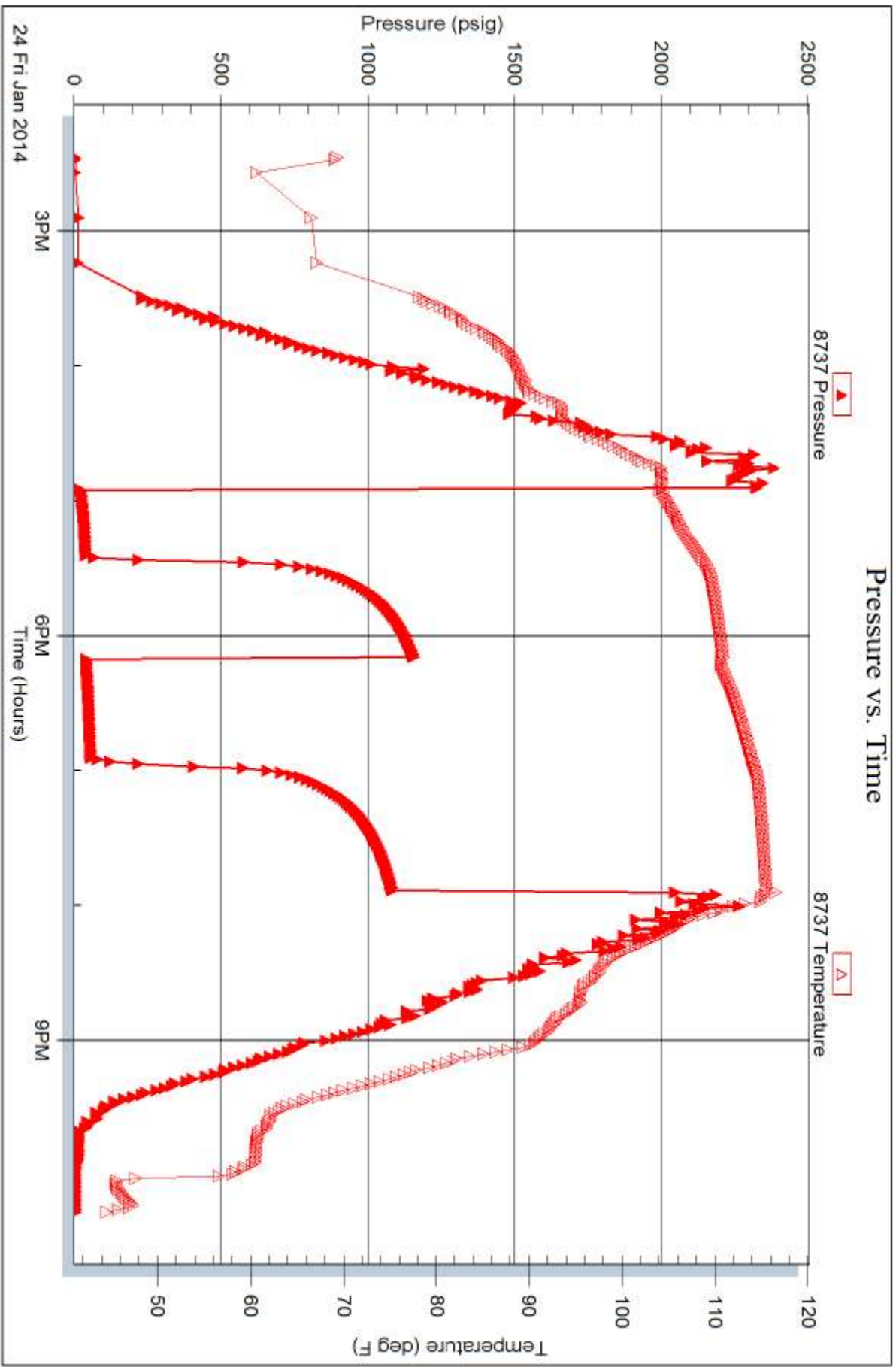
Serial #: 8737

Inside

Eagle Creek Corporation

Decker #1-20

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56736

Well Name & No. Decker #1-20 Test No. 1 Date 1-21-14
 Company Eagle Creek Corporation Elevation 3078 KB 3069 GL
 Address 8100 East 22nd St. North Building 1500 Suite 4 Lurich KS 67226
 Co. Rep / Geo. Dave Callawaert Rig Val #4
 Location: Sec. 20 Twp. 17 Rge. 34 Co. SCOTT State KS

Interval Tested 4226-4260 Zone Tested I
 Anchor Length 34 Drill Pipe Run 4186 Mud Wt. 9.1
 Top Packer Depth 4221 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 4226 Wt. Pipe Run 0 WL 8.0
 Total Depth 4260 Chlorides 4500 ppm System LCM 2
 Blow Description IF: Weak Surface Blow Died in 17 Min.
IS: NO Return Blow
FF: NO Blow
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>MUD with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 107 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2086 Test 1250.00/- T-On Location 16:35
 (B) First Initial Flow 14 Jars 250.00/- T-Started 17:56
 (C) First Final Flow 20 Safety Joint 75.00/- T-Open 20:53
 (D) Initial Shut-In 966 Circ Sub NC T-Pulled 22:53
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 01:06
 (F) Second Final Flow 25 Mileage 6DRT 93.00/- Comments _____
 (G) Final Shut-In 830 Sampler _____
 (H) Final Hydrostatic 2025 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1668
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 9668.00/-

Approved By M. J. ... Our Representative Mike ...

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **56737**

Well Name & No. Decker # 1-20 Test No. 2 Date 1-22-14
 Company Eagle Creek Corporation Elevation 3078 KB 3069 GL
 Address 8100 East 22nd St. North Building 1500 Suite A Wichita KS 67226
 Co. Rep / Geo. Mike Maunc Rig Val #4
 Location: Sec. 20 Twp. 17 Rge. 34 Co. SCOTT State KS

Interval Tested 4378 - 4460 Zone Tested Marmaton
 Anchor Length 02' Drill Pipe Run 4349 Mud Wt. 9.4
 Top Packer Depth 4374 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 4378 Wt. Pipe Run φ WL 8.0
 Total Depth 4460 Chlorides 7000 ppm System LCM 2
 Blow Description IF: Built to 1/8" Blow
IS: NO Return Blow
FF: NO Blow
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>mud with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 70 BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2274</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>21:40</u>
(B) First Initial Flow <u>71</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>23:42</u>
(C) First Final Flow <u>78</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>01:55</u>
(D) Initial Shut-In <u>1251</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>04:25</u>
(E) Second Initial Flow <u>80</u>	<input checked="" type="checkbox"/> Hourly Standby	T-Out <u>06:53</u>
(F) Second Final Flow <u>87</u>	<input checked="" type="checkbox"/> Mileage <u>60 RT</u> 93	Comments _____
(G) Final Shut-In <u>1204</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>2282</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Total <u>1668</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility	
	Sub Total <u>1668</u>	

Approved By Mike & Maunc Our Representative Mike Roberts

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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56738

Well Name & No. Decker #1-20 Test No. 3 Date 1-23-14
 Company Eagle Creek Corporation Elevation 3078 KB 3069 GL
 Address 8100 East 29th St. North Building 1520 Suite A, Wichita KS 67226
 Co. Rep / Geo. Mike Maurer Rig Val #4
 Location: Sec. 20 Twp. 17 Rge. 34 Co. SCOTT State KS

Interval Tested 4456-4480 Zone Tested Marmaton
 Anchor Length ~~4452~~ 24' Drill Pipe Run 4428 Mud Wt. 9.4
 Top Packer Depth ~~4452~~ 4452 Drill Collars Run 30 Vis 54
 Bottom Packer Depth 4456 Wt. Pipe Run 0 WL 8.0
 Total Depth 4480 Chlorides 7000 ppm System LCM 2

Blow Description IF: BOB IN 11 Min
IS: Return Blow Built to 5"
FF: BOB IN 15 Min
FS: Return Blow Built to 9"

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>434 GIP</u>	<u>100</u>			
<u>248</u>	<u>900</u>	<u>10</u>	<u>90</u>		
<u>124 62</u>	<u>900 M</u>	<u>10</u>	<u>20</u>		<u>70</u>
<u>62</u>					

Rec Total 372 BHT 119 Gravity 26 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2313 Test 1250 T-On Location 14:50
 (B) First Initial Flow 36 Jars 250 T-Started 16:30
 (C) First Final Flow 79 Safety Joint 75 T-Open 19:07
 (D) Initial Shut-In 1234 Circ Sub NC T-Pulled 22:52
 (E) Second Initial Flow 88 Hourly Standby T-Out 02:22
 (F) Second Final Flow 159 Mileage 60 RT 93 Comments _____
 (G) Final Shut-In 1227 Sampler _____
 (H) Final Hydrostatic 2291 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____

Initial Open 30 Extra Packer _____
 Initial Shut-In 45 Extra Recorder _____
 Final Flow 60 Day Standby _____
 Final Shut-In 90 Accessibility _____
 Sub Total 1668 MP/DST Disc't _____

Approved By Michael K Maurer Our Representative Mike Roberts

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56739

Well Name & No. Decker # 1-20 Test No. 4 Date 1-24-14
 Company Eagle Creek Corporation Elevation 3078 KB 3069 GL
 Address 8100 EAST St North Building 1500 Suite A Wichita KS 67226
 Co. Rep / Geo. _____ Rig Val #4
 Location: Sec. _____ Twp. _____ Rge. _____ Co. Scott State KS

Interval Tested 4478-4503 Zone Tested Marmaton
 Anchor Length 25 Drill Pipe Run 4440 Mud Wt. 9.4
 Top Packer Depth 4474 Drill Collars Run 30 Vis 50
 Bottom Packer Depth 4478 Wt. Pipe Run Ø WL 8.8
 Total Depth 4503 Chlorides 4000 ppm System LCM 1

Blow Description IF: Built to 2" Blow
FS: No Return Blow
FF: Built to Weak Surface Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>MCSW</u>		<u>80</u>	<u>20</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 90 BHT 117 Gravity _____ API RW 833 @ 42.5°F Chlorides 14,000 ppm

(A) Initial Hydrostatic 2316 Test 1250 T-On Location 14:25
 (B) First Initial Flow 17 Jars 250 T-Started 14:27
 (C) First Final Flow 35 Safety Joint 75 T-Open 16:55
 (D) Initial Shut-In 1150 Circ Sub NC T-Pulled 19:55
 (E) Second Initial Flow 38 Hourly Standby _____ T-Out 22:16
 (F) Second Final Flow 52 Mileage 60 RT X 2 186 Comments Loaded Tools
 (G) Final Shut-In 1078 Sampler _____ 1-26-13:00 hrs
 (H) Final Hydrostatic 2196 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Day Standby 1-26-14 Loaded Tools
 Accessibility 1d 14.75h tools
 Sub Total 1761
 Sub Total 800
 Total 2561
 MP/DST Disc't _____

Approved By Michael K. Mann Our Representative Mike Roberts

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