



KANSAS CORPORATION COMMISSION 1159704
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1159704

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Investment Equipment LLC
Well Name	Schweitzer 6
Doc ID	1159704

All Electric Logs Run

Sonic Cement Bond
Dual Compensated Porosity Log
Microresistivity Log
Dual Induction Log
Computer Processed Interpretation
Geologic Report Log



DRILL STEM TEST REPORT

Prepared For: **Investment Equipment**

PO Box 578
Chapman, KS 67431

ATTN: Marc Downing

Schweitzer #6

6-8s-23w Graham,KS

Start Date: 2013.03.31 @ 08:45:00

End Date: 2013.03.31 @ 15:21:30

Job Ticket #: 50596 DST #: 1

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

Printed: 2013.04.10 @ 16:20:54



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Investment Equipment
 PO Box 578
 Chapman, KS 67431
 ATTN: Marc Downing

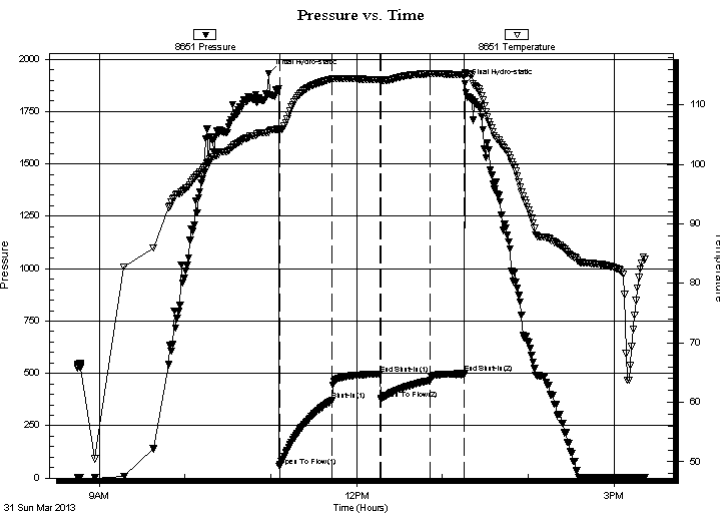
6-8s-23w Graham,KS
Schweitzer #6
 Job Ticket: 50596 **DST#: 1**
 Test Start: 2013.03.31 @ 08:45:00

GENERAL INFORMATION:

Formation: **LKC-I,J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:06:00
 Time Test Ended: 15:21:30
 Interval: **3676.00 ft (KB) To 3718.00 ft (KB) (TVD)**
 Total Depth: 3718.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 2287.00 ft (KB)
 2279.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8651 Outside
 Press @ Run Depth: 465.64 psig @ 3678.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.03.31 End Date: 2013.03.31 Last Calib.: 2013.03.31
 Start Time: 08:45:01 End Time: 15:21:30 Time On Btm: 2013.03.31 @ 10:58:30
 Time Off Btm: 2013.03.31 @ 13:16:00

TEST COMMENT: IF: Weak blow, Built to 2". over 15 min Started to Die. Died to surface over 30 min
 IS: No blow back
 FF: No blow
 FS: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1932.52	105.39	Initial Hydro-static
8	56.12	105.60	Open To Flow (1)
45	370.62	114.34	Shut-In(1)
78	496.62	114.19	End Shut-In(1)
79	378.04	114.16	Open To Flow (2)
113	465.64	115.23	Shut-In(2)
137	499.29	115.02	End Shut-In(2)
138	1882.80	115.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
279.00	Water-100%	3.91
186.00	mw -20% m80 %w	2.61
186.00	vsgocmw -5%g5%o40%m50%w	2.61
124.00	vsocw m-5%o45%w 55%m	1.74
63.00	vsocw m-5%o25%w 70%m	0.88

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Investment Equipment

6-8s-23w Graham,KS

PO Box 578
Chapman, KS 67431

Schweitzer #6

Job Ticket: 50596

DST#: 1

ATTN: Marc Downing

Test Start: 2013.03.31 @ 08:45:00

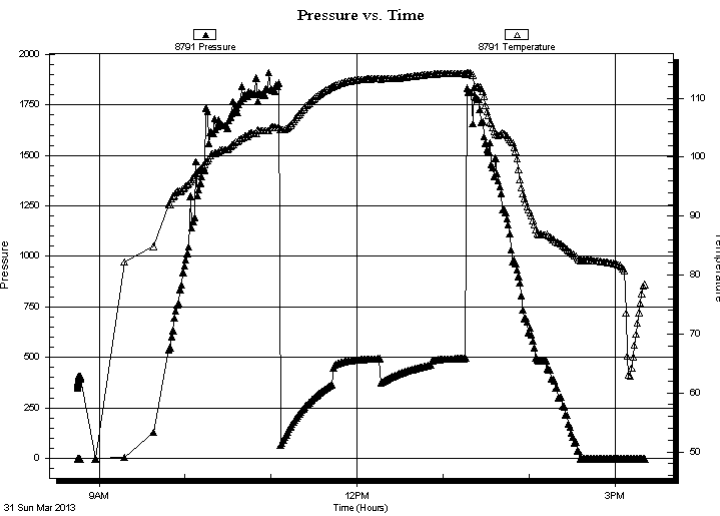
GENERAL INFORMATION:

Formation: LKC-I,J		
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 11:06:00		Tester: Chuck Kreuzer Jr.
Time Test Ended: 15:21:30		Unit No: 61
Interval: 3676.00 ft (KB) To 3718.00 ft (KB) (TVD)		Reference Elevations: 2287.00 ft (KB)
Total Depth: 3718.00 ft (KB) (TVD)		2279.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 8.00 ft

Serial #: 8791 Inside

Press@RunDepth:	psig @ 3678.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2013.03.31	End Date:	2013.03.31
Start Time:	08:45:01	End Time:	15:21:00
		Last Calib.:	2013.04.01
		Time On Btm:	
		Time Off Btm:	

TEST COMMENT: IF: Weak blow , Built to 2". over 15 min Started to Die. Died to surface over 30 min
IS: No blow back
FF: No blow
FS: No blow .



PRESSURE SUMMARY

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

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
279.00	Water-100%	3.91
186.00	nw -20% m80 %w	2.61
186.00	vsgocmw -5%g5%o40%m50%w	2.61
124.00	vsocw m-5%o45%w 55%m	1.74
63.00	vsocw m-5%o25%w 70%m	0.88

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Investment Equipment

6-8s-23w Graham,KS

PO Box 578
Chapman, KS 67431

Schweitzer #6

Job Ticket: 50596

DST#: 1

ATTN: Marc Downing

Test Start: 2013.03.31 @ 08:45:00

Tool Information

Drill Pipe:	Length: 3689.00 ft	Diameter: 3.80 inches	Volume: 51.75 bbl	Tool Weight: 2200.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 51.75 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3676.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3661.00	
Hydraulic tool	5.00			3666.00	
Packer	5.00			3671.00	20.00 Bottom Of Top Packer
Packer	5.00			3676.00	
Stubb	1.00			3677.00	
Perforations	1.00			3678.00	
Recorder	0.00	8791	Inside	3678.00	
Recorder	0.00	8651	Outside	3678.00	
Blank Spacing	26.00			3704.00	
Perforations	16.00			3720.00	
Bullnose	3.00			3723.00	47.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Investment Equipment

6-8s-23w Graham,KS

PO Box 578
Chapman, KS 67431

Schweitzer #6

Job Ticket: 50596

DST#: 1

ATTN: Marc Downing

Test Start: 2013.03.31 @ 08:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
279.00	Water-100%	3.914
186.00	mw -20% m80 %w	2.609
186.00	vsgocmw -5%g5%o40%m50%w	2.609
124.00	vsocw m-5%o45%w 55%m	1.739
63.00	vsocw m-5%o25%w 70%m	0.884

Total Length: 838.00 ft

Total Volume: 11.755 bbl

Num Fluid Samples: 0

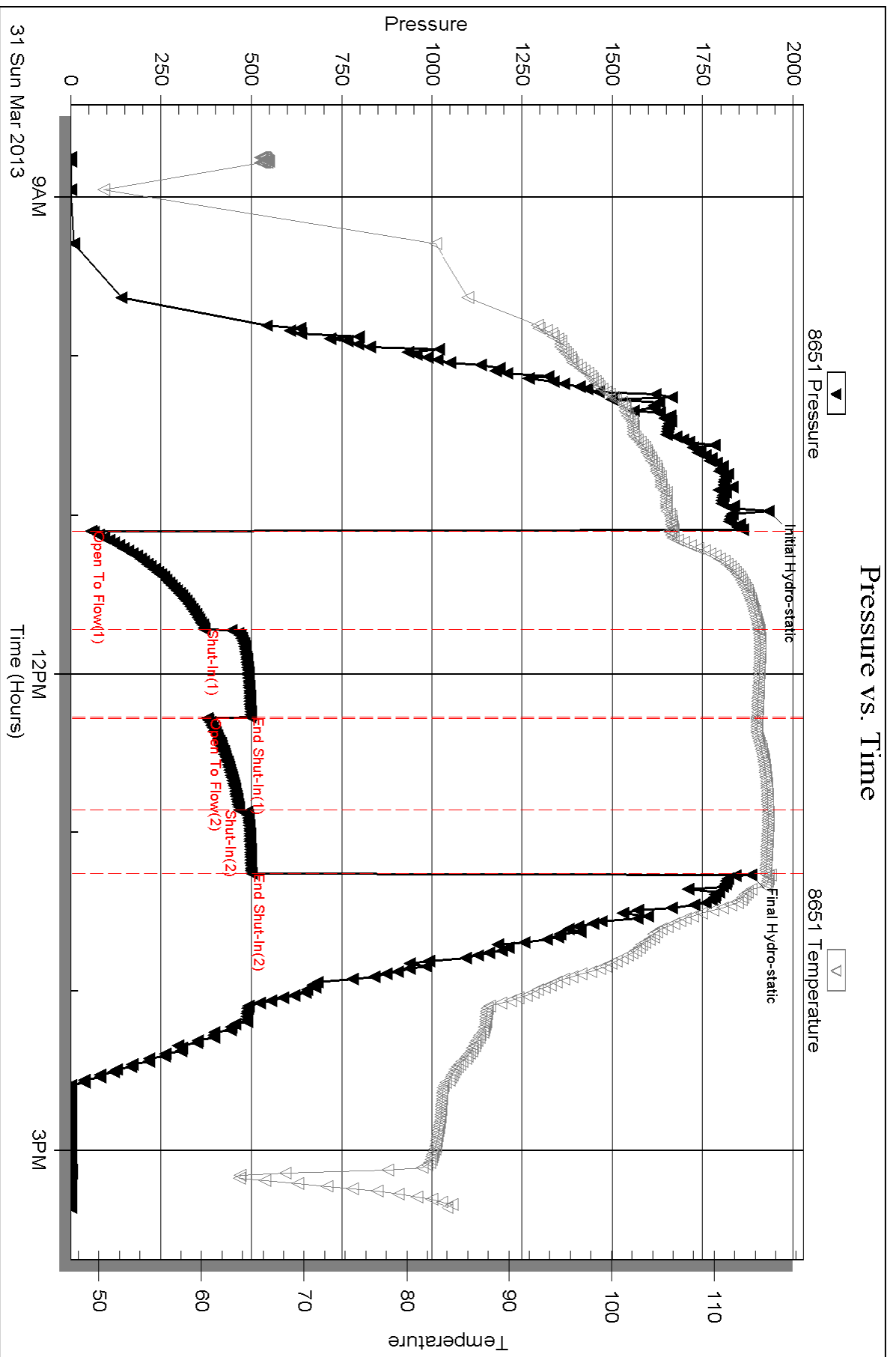
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



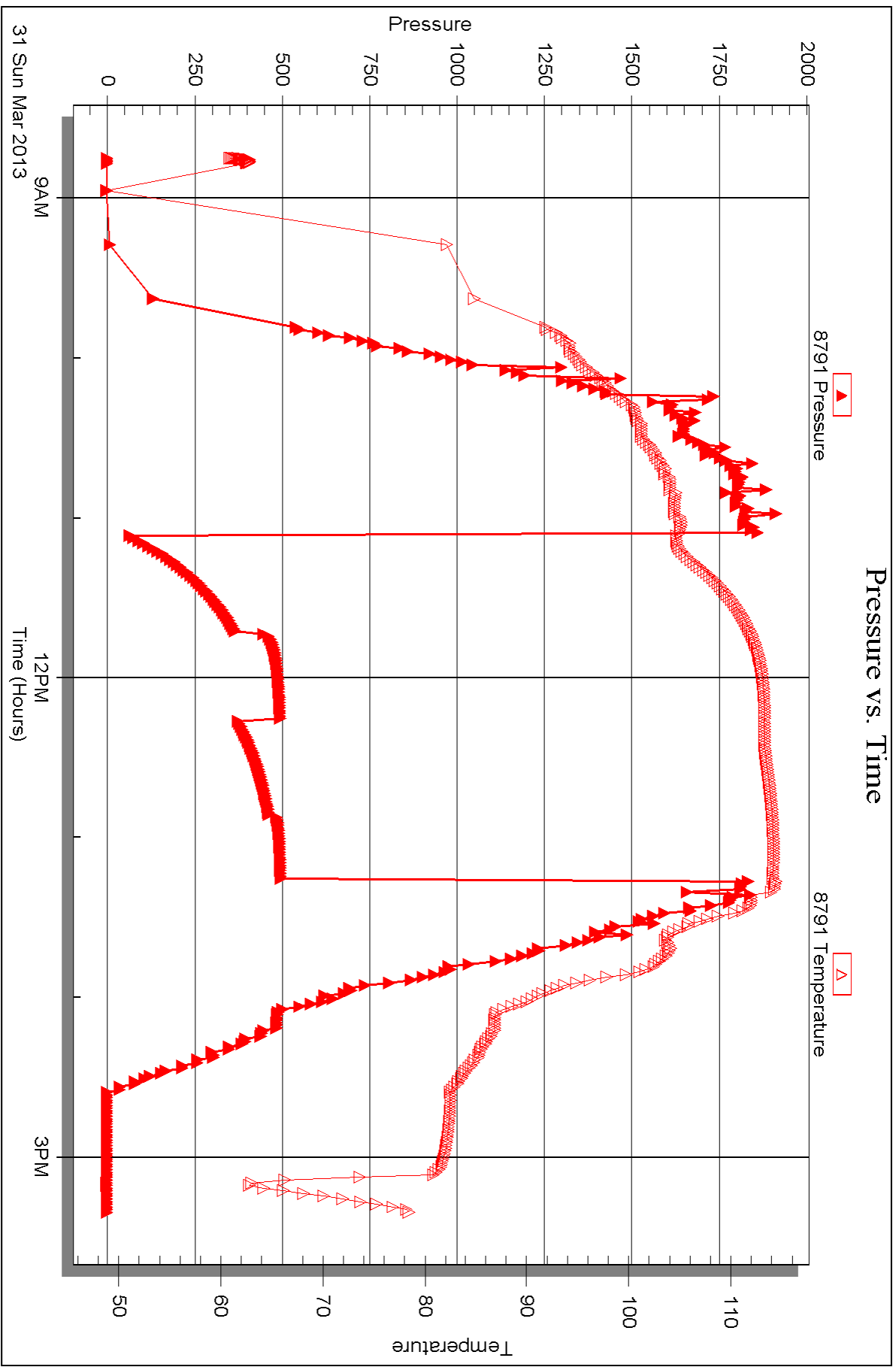
Serial #: 8791

Inside

Investment Equipment

Schw elzer #6

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 50596

Printed: 2013.04.10 @ 16:20:57



DRILL STEM TEST REPORT

Prepared For: **Investment Equipment**

PO Box 578
Chapman, KS 67431

ATTN: Marc Downing

Schweitzer #6

6-8s-23w Graham,KS

Start Date: 2013.03.31 @ 22:00:00

End Date: 2013.04.01 @ 06:26:30

Job Ticket #: 50597 DST #: 2

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

Printed: 2013.04.10 @ 16:20:10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Investment Equipment
 PO Box 578
 Chapman, KS 67431
 ATTN: Marc Downing

6-8s-23w Graham,KS
Schweitzer #6
 Job Ticket: 50597 **DST#: 2**
 Test Start: 2013.03.31 @ 22:00:00

GENERAL INFORMATION:

Formation: **LKC-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:25:00
 Time Test Ended: 06:26:30
 Interval: **3714.00 ft (KB) To 3735.00 ft (KB) (TVD)**
 Total Depth: 3735.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 2287.00 ft (KB)
 2279.00 ft (CF)
 KB to GR/CF: 8.00 ft

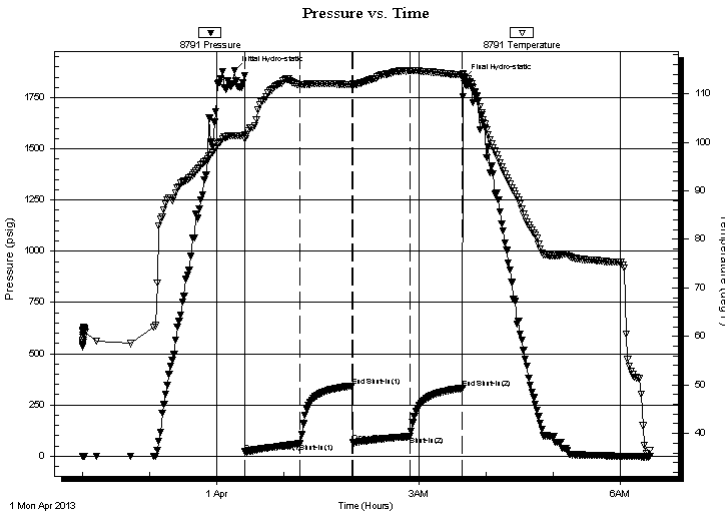
Serial #: 8791

Inside

Press @ Run Depth: 96.79 psig @ 3716.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.03.31 End Date: 2013.04.01 Last Calib.: 2013.04.01
 Start Time: 22:00:01 End Time: 06:26:30 Time On Btm: 2013.04.01 @ 00:15:30
 Time Off Btm: 2013.04.01 @ 03:40:00

TEST COMMENT: IF: Weak blow , Built to 4" over 45 min
 IS: No blow back over 45 min
 FF: Weak blow , Built to 1" over 45 min
 FS: No blow back over 45 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1882.43	101.34	Initial Hydro-static
10	20.85	100.78	Open To Flow (1)
59	60.84	111.88	Shut-In(1)
105	342.68	111.83	End Shut-In(1)
106	65.52	111.97	Open To Flow (2)
157	96.79	114.75	Shut-In(2)
204	331.27	113.83	End Shut-In(2)
205	1840.87	113.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	w cm-35%w 65%m	0.87
97.00	mcw -20%m80%w	1.36
25.00	oil-100%o	0.35

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Investment Equipment
 PO Box 578
 Chapman, KS 67431
 ATTN: Marc Downing

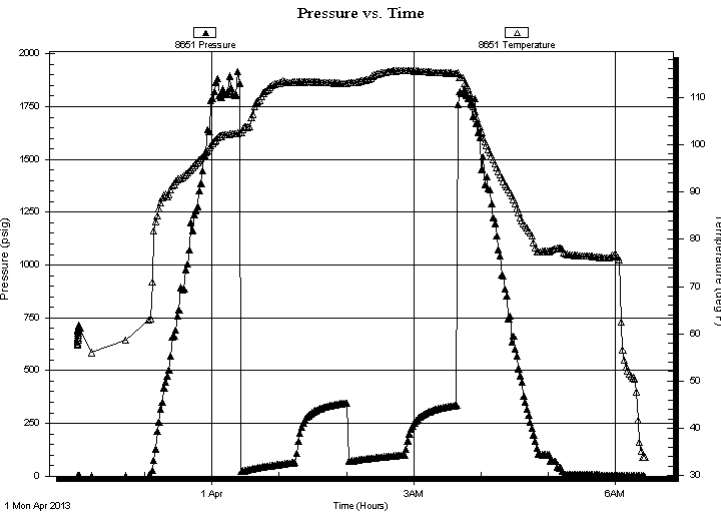
6-8s-23w Graham, KS
Schweitzer #6
 Job Ticket: 50597 **DST#: 2**
 Test Start: 2013.03.31 @ 22:00:00

GENERAL INFORMATION:

Formation: **LKC-K**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 00:25:00 Tester: Chuck Kreuzer Jr.
 Time Test Ended: 06:26:30 Unit No: 61
 Interval: **3714.00 ft (KB) To 3735.00 ft (KB) (TVD)** Reference Elevations: 2287.00 ft (KB)
 Total Depth: 3735.00 ft (KB) (TVD) 2279.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8651 Outside
 Press @ Run Depth: psig @ 3716.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.03.31 End Date: 2013.04.01 Last Calib.: 2013.04.01
 Start Time: 22:00:01 End Time: 06:26:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak blow , Built to 4" over 45 min
 IS: No blow back over 45 min
 FF: Weak blow , Built to 1" over 45 min
 FS: No blow back over 45 min



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	w cm-35%w 65%m	0.87
97.00	mcw -20%m80%w	1.36
25.00	oil-100%o	0.35

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Investment Equipment

6-8s-23w Graham,KS

PO Box 578
Chapman, KS 67431

Schweitzer #6

Job Ticket: 50597

DST#: 2

ATTN: Marc Downing

Test Start: 2013.03.31 @ 22:00:00

Tool Information

Drill Pipe:	Length: 3717.00 ft	Diameter: 3.80 inches	Volume: 52.14 bbl	Tool Weight:	2200.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	52000.00 lb
			<u>Total Volume: 52.14 bbl</u>	Tool Chased	2.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	47000.00 lb
Depth to Top Packer:	3714.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 ft				
Tool Length:	41.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3699.00	
Hydraulic tool	5.00			3704.00	
Packer	5.00			3709.00	20.00 Bottom Of Top Packer
Packer	5.00			3714.00	
Stubb	1.00			3715.00	
Perforations	1.00			3716.00	
Recorder	0.00	8791	Inside	3716.00	
Recorder	0.00	8651	Outside	3716.00	
Perforations	16.00			3732.00	
Bullnose	3.00			3735.00	21.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Investment Equipment

6-8s-23w Graham,KS

PO Box 578
Chapman, KS 67431

Schweitzer #6

Job Ticket: 50597

DST#: 2

ATTN: Marc Downing

Test Start: 2013.03.31 @ 22:00:00

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:

ppm

Viscosity: 73.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	w cm-35%w 65%m	0.870
97.00	mcw -20%m80%w	1.361
25.00	oil-100%o	0.351

Total Length: 184.00 ft

Total Volume: 2.582 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

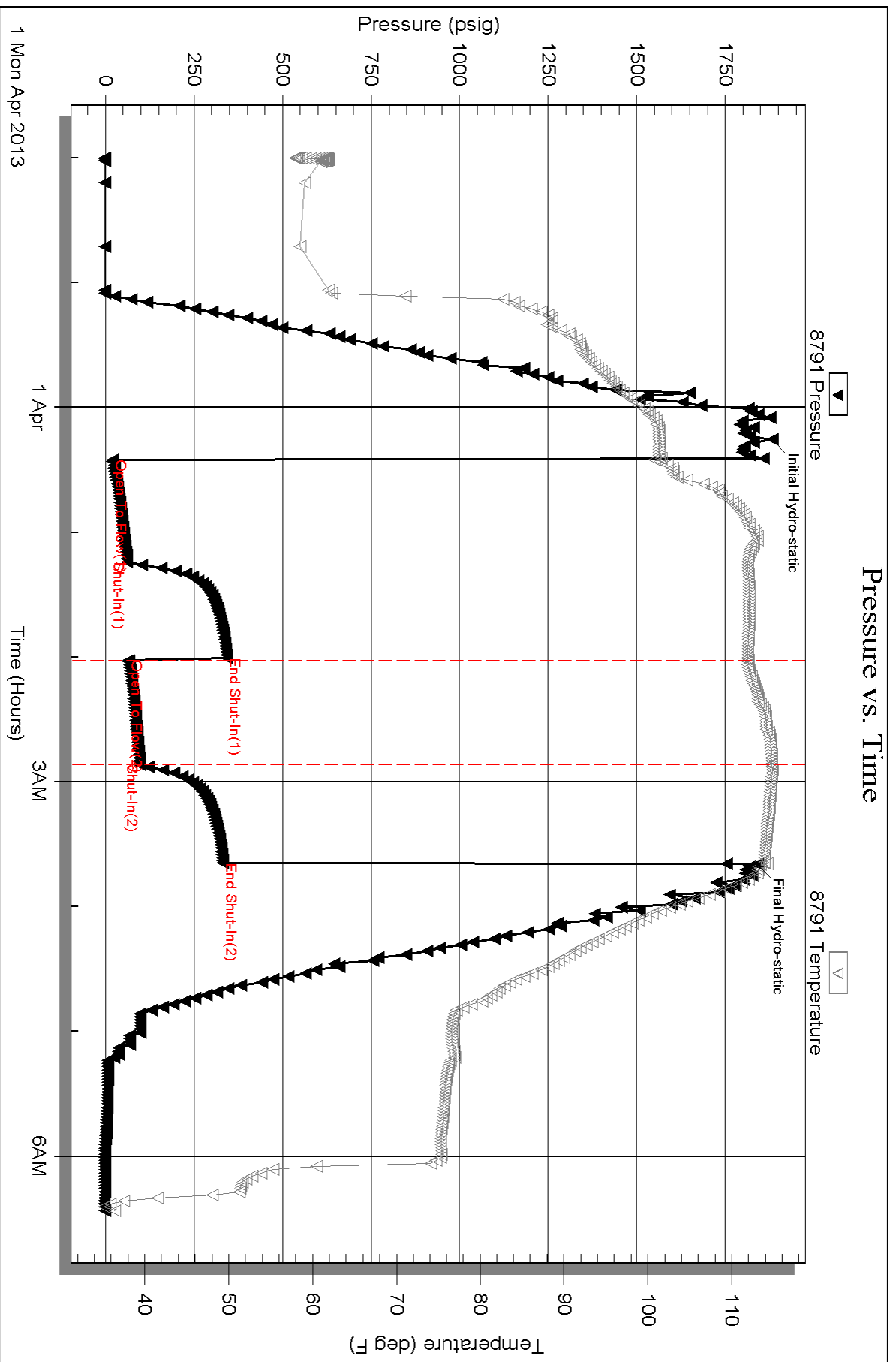
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



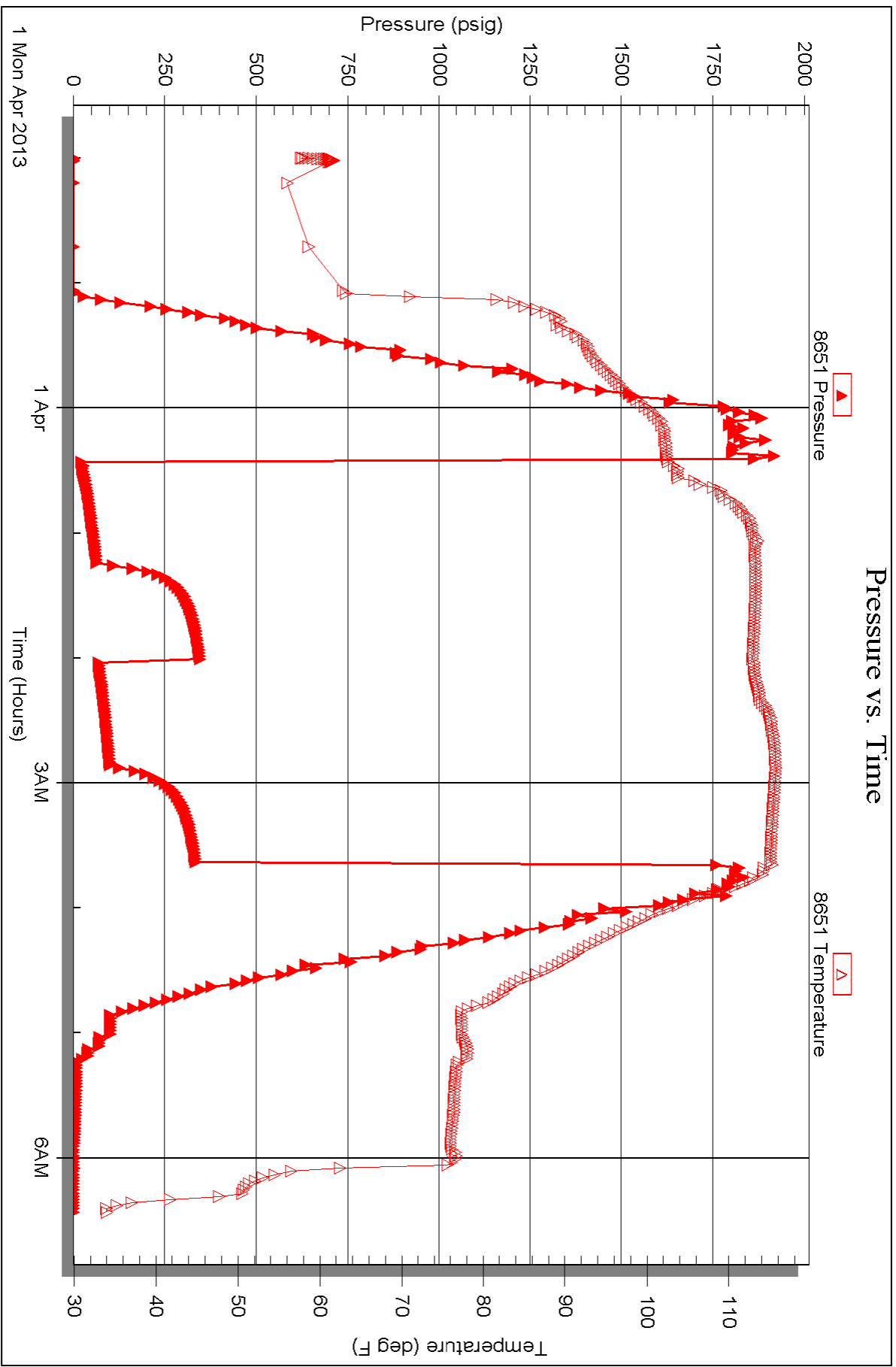
Serial #: 8651

Outside

Investment Equipment

Schw elzer #6

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50596

4/10

Well Name & No. Schweitzer #6 Test No. 1 Date 3-31-2013
 Company Investment Equipment LLC. Elevation 2287 KB 2279 GL
 Address 17509 COUNTY Rd 14 Ft. Morgan Co. 80701
 Co. Rep / Geo. Mark Downing Rig Maverick
 Location: Sec. 6 Twp. 8 Rge. 23 Co. Graham State Ks.

Interval Tested 3676 3718 Zone Tested LKC-I, J
 Anchor Length 42 Drill Pipe Run 3680 Mud Wt. 9.4
 Top Packer Depth 3671 Drill Collars Run 0- Vis 73
 Bottom Packer Depth 3676 Wt. Pipe Run 0- WL 7.6
 Total Depth 3718 Chlorides 1000 ppm System LCM 1 1/2 #

Blow Description IF: Weak blow. Built to 2 in. over 15 mins. Started to die. Died to surface over 30 mins
ISI: No blow back
FF: No blow
FSI: No blow back.

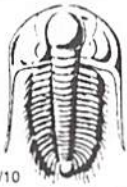
Rec	Feet of	%gas	%oil	%water	%mud
63	VSO CWM	5	25	70	
124	VSO CWM	5	45	50	
186	VSGO CWM	5	50	40	
186	MW		80	20	
279	Water		100		

Rec Total 838 BHT 115 Gravity .14 API RW @65.8 °F Chlorides 55,000 ppm

(A) Initial Hydrostatic 1933 Test 1150 T-On Location 8:10
 (B) First Initial Flow 56 Jars T-Started 8:45
 (C) First Final Flow 371 Safety Joint T-Open 11:06
 (D) Initial Shut-In 497 Circ Sub T-Pulled 13:20
 (E) Second Initial Flow 378 Hourly Standby T-Out 15:21
 (F) Second Final Flow 466 Mileage 72 x 2 = 144 x 1.55 = 223.20 Comments Connection on 2nd hose
 (G) Final Shut-In 499 Sampler came loose. Didn't notice till
 (H) Final Hydrostatic 1883 Straddle we pulled tool loose
 Ruined Shale Packer
 Shale Packer
 Ruined Packer
 Extra Packer
 Extra Copies
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1373.20 Sub Total 0
 Total 1373.20 MP/DST Disc't

Approved By _____ Our Representative Chuck Kays

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. 50597

Well Name & No. Schweitzer #6 Test No. 2 Date 3-31-2013
 Company Investment Equipment LLC. Elevation 22 KB 2279 GL
 Address 17509 county Rd. 11 Ft. Morgan Co. 80701
 Co. Rep / Geo. Marz Downing Rig Maverick
 Location: Sec. 6 Twp. 8 Rge. 23 Co. Graham State Ks

Interval Tested 3714 3735 Zone Tested LKC-K
 Anchor Length 21 Drill Pipe Run 3717 Mud Wt. 9.4
 Top Packer Depth 3709 Drill Collars Run 0 Vis 73
 Bottom Packer Depth 3714 Wt. Pipe Run 0 WL 7.6
 Total Depth 3735 Chlorides 1000 ppm System LCM 1 1/2 #

Blow Description IF: Weak blow, Built to 4 in. over 4.5 mins.

ISS: No blow back

FF: Weak blow, Built to fin. over 4.5 mins.

FST: No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>oil</u>	<u>100</u>			
<u>98</u>	<u>MCW</u>			<u>80%</u>	<u>20</u>
<u>60</u>	<u>MCW</u>			<u>80%</u>	<u>20</u>
<u>62</u>	<u>WCM</u>			<u>35%</u>	<u>65</u>

Rec Total 184 BHT 113 Gravity 29 API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1882 Test 1150 T-On Location 21:15
 (B) First Initial Flow 21 Jars _____ T-Started 22:00
 (C) First Final Flow 61 Safety Joint _____ T-Open 00:25
 (D) Initial Shut-In 343 Circ Sub _____ T-Pulled 9:40
 (E) Second Initial Flow 66 Hourly Standby _____ T-Out 06:26
 (F) Second Final Flow 97 Mileage 72x2 = 144x1.55 223.20 Comments _____
 (G) Final Shut-In 331 Sampler _____
 (H) Final Hydrostatic 1841 Straddle _____ Ruined Shale Packer _____

Initial Open 45 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 45 Extra Packer _____ Extra Copies _____
 Final Flow 45 Extra Recorder _____ Sub Total 0
 Final Shut-In 45 Day Standby _____ Total 1373.20
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1373.20

Approved By _____ Our Representative Chris Hoyer Jr

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.

Maverick Drilling LLC

Today's Date: 3/26/2013

Rig # 108 Spud Date: 3/26/2013 Spud Time: _____

Operator: Investment Equipment

Well Name & ##: Schweitzer #6

Location: 990' FSLd & 990' FWL Sec 6-8S-23W

County: Graham, KS Approx TD: 3900' BKC Fuel: _____

7:00 A.M. Depth: _____ Fuel Used Last 24 Hrs: _____

Ftg Drld last 24 hrs: _____

Current Activity: MIRT

Comments: Moving rig today.

Weather: Clear Cold

DRILLING MUD: Weight: _____

Water Loss: _____ Vis: _____ LCM: _____

MUD COST: Daily: _____

Total: _____

MUD PUMP: Pressure: _____

Strokes: _____

HOURLY BREAKDOWN

Drilling: _____ Footage Repairs: _____

Connections: _____ Daylights: _____

Jet Pits: _____ Evening: _____

Service Rig: _____ Morning: _____

Hours on Bit: _____ FPH: _____ RPM: _____ WEIGHT on BIT: _____

Bit # 1 Make _____ Type: _____ In: _____ Out: _____ Hours: _____

Bit # 2 Make _____ Type: _____ In: _____ Out: _____ Hours: _____

CFS: _____ Cond Hole: _____

DST #: _____ Trip Hrs: _____ DST Hrs: _____ Make Up/LD Tool: _____

DST #: _____ Trip Hrs: _____ DST Hrs: _____ DST Recovery: _____

Logging: _____ Short Trip: _____

Dev: _____ Lay Down Pipe: _____

Trip: _____ Nipple Down: _____

Hrs. Run Casing: _____ Size: _____ Weight: _____

Tally: _____ Jnts: _____ Set @: _____

Hrs. Circ. Casing: _____ Hrs. Cement Casing: _____ Cement Company: _____

Cement With: _____ Ticket #: _____

Plug Down: _____ AM or PM Did Circ: _____ Didn't Circ: _____ WOC: _____

PLUGGING INFO: Plugging Cement: _____

Plugging Orders: _____ Date: _____ Time: _____

1st Plug: _____ 2nd Plug: _____

3rd Plug: _____ 4th Plug: _____

5th Plug: _____ Rat Hole: _____

Mouse Hole: _____ Cement Company: _____

Date Plugged: _____ Time: _____

Maverick Drilling LLC

785-922-7303

Today's Date: 3/27/2013

Rig # 108 Spud Date: 3/26/2013 Spud Time: 8:45 PM

Operator: Investment Equipment LLC

Well Name & #: Schweitzer #6

Location: 990' FSLd & 990' FWL Sec 6-8S-23W

County: Graham, KS Approx TD: 3900' BKC Fuel: 1598 gals

7:00 A.M. Depth: 288' Fuel Used Last 24 Hrs: 185 gals

Ftg Drld last 24 hrs: 288'

Current Activity: WOC

Weather: Clear Cool

Comments: Move and rig up 12 hrs, 1.75 hrs drill rat hole

DRILLING MUD: Weight: 9.0 Water Loss: NC Vis: 34.0 LCM: 2#

MUD COST: Daily: \$0.00 Total: \$0.00

MUD PUMP: Pressure: 450 Strokes: 56

HOURLY BREAKDOWN

Drilling: 4 hrs Footage: 0' Repairs:
Connections: 1.25 hrs Daylights: 0'
Jet Pits: 0 Evening: 80'

Service Rig: 0 Morning: 208'

Hours on Bit: 4 FPH: 72 RPM: 120 WEIGHT on BIT: 8-10,000

Bit # 1 Make 12 1/4" Type: JZ RR Btn In: 0' Out: 288' Hours: 4

Bit # 2 Make Type: In: Out: Hours:

CFS: Cond Hole: .25 hr

DST #: Trip Hrs: DST Hrs: Make Up/LD Tool:

DST #: Trip Hrs: DST Hrs: DST Recovery:

Logging: Short Trip:
Dev: .25 hr - 288' - 3/4" Lay Down Pipe:
Trip: .25 hr Nipple Down:

Hrs. Run Casing: 1.25 hrs Size: 8 5/8" Weight: 20#

Tally: 277' Jnts: 7 Set @: 286'

Hrs. Circ. Casing: .25 hr Hrs. Cement Casing: .5 hr Cement Company: Quality Oil Well Services

Cement With: 180 sks Common 3% CC, 2% Gel Ticket #: 8493

Plug Down: 4:45 AM 3/27/2013 Did Circ: XXXXX Didn't Circ: WOC: 2.25 hrs

PLUGGING INFO: Plugging Cement:

Plugging Orders: Date: Time:

1st Plug: 2nd Plug:

3rd Plug: 4th Plug:

5th Plug: Rat Hole:

Mouse Hole: Cement Company:

Date Plugged: Time:

785-922-7303

Maverick Drilling LLC

Today's Date: 3/28/2013

Rig # 108 Spud Date: 3/26/2013 Spud Time: 8:45 PM

Operator: Investment Equipment LLC

Well Name & ##: Schweitzer #6

Location: 990' FSL & 990' FWL Sec 6-8S-23W

County: Graham, KS Approx TD: 3900' BKC Fuel: 1363 gals

7:00 A.M. Depth: 1420' Fuel Used Last 24 Hrs: 235 gals

Ptg Drid last 24 hrs: 1132'

Current Activity: Drilling

Weather: Clear Cool

Comments: Drill plug and cement .5 hr, 1.5 hrs drill mouse hole

DRILLING MUD: Weight: 9.1

Water Loss: NC Vis: 28.0 LCM: 0

MUD COST: Daily: \$0.00

Total: \$0.00

MUD PUMP: Pressure: 800

Strokes: 56

HOURLY BREAKDOWN

Drilling: 12 hrs

Footage

Repairs:

Connections: 3.25 hrs Daylights: 0'

Jet Pits: .75 hr Evening: 624'

Service Rig: .5 hr Morning: 508'

Hours on Bit: 12 FPH: 94

RPM: 75 WEIGHT on BIT: 20-24,000

Bit # 1 Make JZ Type: HA20QJ

In: 288' Out: _____ Hours: 12

Bit # 2 Make _____ Type: _____

In: _____ Out: _____ Hours: _____

CFS: _____ Cond Hole: _____

DST #: _____ Trip Hrs: _____

DST Hrs: _____ Make Up/LD Tool: _____

DST #: _____ Trip Hrs: _____

DST Hrs: _____ DST Recovery: _____

Logging: _____

Short Trip: _____

Dev: .25 hr - 1317' - 3/4°

Lay Down Pipe: _____

Trip: _____

Nipple Down: _____

Hrs. Run Casing: _____

Size: 8 5/8"

Weight: 20#

Tally: 277'

Jnts: 7

Set @: 286'

Hrs. Circ. Casing: _____

Hrs. Cement Casing: _____ Cement Company: Quality Oil Well Services

Cement With: 180 sks Common 3% CC, 2% Gel

Ticket #: 8493

Plug Down: 4:45 AM 3/27/2013

Did Circ: XXXXX

Didn't Circ: _____

WOC: 5.75 hrs

PLUGGING INFO: Plugging Cement:

Plugging Orders: _____

Date: _____ Time: _____

1st Plug: _____

2nd Plug: _____

3rd Plug: _____

4th Plug: _____

5th Plug: _____

Rat Hole: _____

Mouse Hole: _____

Cement Company: _____

Date Plugged: _____

Time: _____

Maverick Drilling LLC

Today's Date: 3/29/2013

Rig # 108 Spud Date: 3/26/2013

Spud Time: 8:45 PM

Operator: Investment Equipment LLC

Well Name & ##: Schweitzer #6

Location: 990' FSL & 990' FWL Sec 6-8S-23W

County: Graham, KS

Approx TD: 3900' BKC

Fuel: 987 gals

7:00 A.M. Depth: 2650'

Fuel Used Last 24 Hrs: 376 gals

Ftg Drld last 24 hrs: 1230'

Current Activity: Drilling

Comments:

Weather: Clear Cool

DRILLING MUD: Weight: 9.1

Water Loss: NC

Vis: 28.0

LCM: 0

MUD COST: Daily: \$6,569.45

Total: \$6,569.45

MUD PUMP: Pressure: 800

Strokes: 56

HOURLY BREAKDOWN

Drilling: 19.5 hrs

Footage

Repairs:

Connections: 2.75 hrs

Daylights: 510'

Jet Pits: 1 hr

Evening: 405'

Service Rig: .75 hr

Morning: 315'

Hours on Bit: 31.5

FPH: 75

RPM: 75-80

WEIGHT on BIT: 32-34,000

Bit # 1 Make JZ

Type: HA20QJ

In: 288'

Out: _____ Hours: 12

Bit # 2 Make _____

Type: _____

In: _____

Out: _____ Hours: _____

CFS: _____ Cond Hole: _____

DST #: _____ Trip Hrs: _____ DST Hrs: _____

Make Up/LD Tool: _____

DST #: _____ Trip Hrs: _____ DST Hrs: _____

DST Recovery: _____

Logging: _____

Short Trip: _____

Dev: - 2350' - 1°

Lay Down Pipe: _____

Trip: _____

Nipple Down: _____

Hrs. Run Casing: _____

Size: 8 5/8"

Weight: 20#

Tally: 277'

Jnts: 7

Set @: 286'

Hrs. Circ. Casing: _____

Hrs. Cement Casing: _____

Cement Company: Quality Oil Well Services

Cement With: 180 sks Common 3% CC, 2% Gel

Ticket #: 8493

Plug Down: 4:45 AM 3/27/2013

Did Circ: XXXXX

Didn't Circ: _____

WOC: 5.75 hrs

PLUGGING INFO: Plugging Cement:

Plugging Orders: _____

Date: _____ Time: _____

1st Plug: _____

2nd Plug: _____

3rd Plug: _____

4th Plug: _____

5th Plug: _____

Rat Hole: _____

Mouse Hole: _____

Cement Company: _____

Date Plugged: _____

Time: _____

Maverick Drilling LLC

Today's Date: 3/30/2013

Rig # 108

Spud Date: 3/26/2013

Spud Time: 8:45 PM

Operator: Investment Equipment LLC

Well Name & ##: Schweitzer #6

Location: 990' FSL & 990' FWL Sec 6-8S-23W

County: Graham, KS

Approx TD: 3900' BKC

Fuel: 2444 gals

7:00 A.M. Depth: 3355'

Fuel Used Last 24 Hrs: 385 gals

Ftg Drld last 24 hrs: 705'

Current Activity: Drilling

Comments: Displace mud 3000' - 3020' - .5 hr

Weather: Cool Fog

DRILLING MUD: Weight: 8.8

Water Loss: NC

Vis: 56.0

LCM: 2#

MUD COST: Daily: \$739.20

Total: \$7,308.69

MUD PUMP: Pressure: 900

Strokes: 56

HOURLY BREAKDOWN

Drilling: 20.25 hrs

Footage

Repairs:

Connections: 2.5 hrs

Daylights: 285'

Jet Pits: 0

Evening: 235'

Service Rig: .75 hr

Morning: 195'

Hours on Bit: 51.75

FPH: 60

RPM: 70-75

WEIGHT on BIT: 34-36,000

Bit # 1 Make JZ

Type: HA20QJ

In: 288'

Out: _____ Hours: 51.75

Bit # 2 Make _____

Type: _____

In: _____

Out: _____ Hours: _____

CFS: _____

Cond Hole: _____

DST #: _____

Trip Hrs: _____

DST Hrs: _____

Make Up/LD Tool: _____

DST #: _____

Trip Hrs: _____

DST Hrs: _____

DST Recovery: _____

Logging: _____

Short Trip: _____

Dev: _____

Lay Down Pipe: _____

Trip: _____

Nipple Down: _____

Hrs. Run Casing: _____

Size: 8 5/8"

Weight: 20#

Tally: 277'

Jnts: 7

Set @: 286'

Hrs. Circ. Casing: _____

Hrs. Cement Casing: _____

Cement Company: Quality Oil Well Services

Cement With: 180 sks Common 3% CC, 2% Gel

Ticket #: 8493

Plug Down: 4:45 AM 3/27/2013

Did Circ: XXXXX

Didn't Circ: _____

WOC: _____

PLUGGING INFO: Plugging Cement: _____

Plugging Orders: _____

Date: _____

Time: _____

1st Plug: _____

2nd Plug: _____

3rd Plug: _____

4th Plug: _____

5th Plug: _____

Rat Hole: _____

Mouse Hole: _____

Cement Company: _____

Date Plugged: _____

Time: _____

Maverick Drilling LLC

Today's Date: 3/31/2013

Rig # 108 Spud Date: 3/26/2013 Spud Time: 8:45 PM

Operator: Investment Equipment LLC

Well Name & #: Schweitzer #6

Location: 990' FSL & 990' FWL Sec 6-8S-23W

County: Graham, KS Approx TD: 3900' BKC Fuel: 2115 gals

7:00 A.M. Depth: 3718' Fuel Used Last 24 Hrs: 329 gals

Ftg Drid last 24 hrs: 363'

Current Activity: POH for DST #1 Comments:
Weather: Cool Rain

DRILLING MUD: Weight: 9.3 Water Loss: 7.6 Vis: 55.0 LCM: 2#

MUD COST: Daily: \$1,630.35 Total: \$8,939.00

MUD PUMP: Pressure: 900 Strokes: 56

HOURLY BREAKDOWN

Drilling: 16.25 hrs Footage Repairs:
Connections: 1.5 hrs Daylights: 183'
Jet Pits: 0 Evening: 112'

Service Rig: .75 hr Morning: 68'

Hours on Bit: 68 FPH: 57 RPM: 70-75 WEIGHT on BIT: 35-38,000

Bit # 1 Make JZ Type: HA20QJ In: 288' Out: _____ Hours: 68

Bit # 2 Make _____ Type: _____ In: _____ Out: _____ Hours: _____

CFS: 2.25 hrs Cond Hole: 1.5 hrs

DST #: _____ Trip Hrs: _____ DST Hrs: _____ Make Up/LD Tool: _____

DST #: _____ Trip Hrs: _____ DST Hrs: _____ DST Recovery: _____

Logging: _____ Short Trip: 1.5 hrs
Dev: 3718' - .25 hr Lay Down Pipe: _____
Trip: _____ Nipple Down: _____

Hrs. Run Casing: _____ Size: 8 5/8" Weight: 20#

Tally: 277' Jnts: 7 Set @: 286'

Hrs. Circ. Casing: _____ Hrs. Cement Casing: _____ Cement Company: Quality Oil Well Services

Cement With: 180 sks Common 3% CC, 2% Gel Ticket #: 8493

Plug Down: 4:45 AM 3/27/2013 Did Circ: XXXXX Didn't Circ: _____ WOC: _____

PLUGGING INFO: Plugging Cement: _____

Plugging Orders: _____ Date: _____ Time: _____

1st Plug: _____ 2nd Plug: _____

3rd Plug: _____ 4th Plug: _____

5th Plug: _____ Rat Hole: _____

Mouse Hole: _____ Cement Company: _____

Date Plugged: _____ Time: _____

Maverick Drilling LLC

Today's Date: 4/1/2013

Rig # 108 Spud Date: 3/26/2013 Spud Time: 8:45 PM

Operator: Investment Equipment LLC

Well Name & ##: Schweitzer #6

Location: 990' FSL & 990' FWL Sec 6-8S-23W

County: Graham, KS Approx TD: 3900' BKC Fuel: 1927 gals

7:00 A.M. Depth: 3735' Fuel Used Last 24 Hrs: 188 gals

Ftg Drld last 24 hrs: 17'

Current Activity: GIH after DST #2 Comments:

Weather: Cloudy Cold Windy

DRILLING MUD: Weight: 9.3 Water Loss: 7.6 Vis: 60.0 LCM: 1#

MUD COST: Daily: \$199.50 Total: \$9,138.50

MUD PUMP: Pressure: 900 Strokes: 56

HOURLY BREAKDOWN

Drilling: 1 hr Footage Repairs:

Connections: 0 Daylights: 0'

Jet Pits: 0 Evening: 17'

Service Rig: 0 Morning: 0'

Hours on Bit: 69 FPH: 56 RPM: 70-75 WEIGHT on BIT: 35-38,000

Bit # 1 Make JZ Type: HA20QJ In: 288' Out: _____ Hours: 69

Bit # 2 Make _____ Type: _____ In: _____ Out: _____ Hours: _____

CFS: 1.25 hrs Cond Hole: 1 hrs

DST #: 1 Trip Hrs: 7.25 hrs DST Hrs: 2 hrs Make Up/LD Tool: 2 hrs

DST #: 2 Trip Hrs: 6.5 hrs DST Hrs: 3 hrs DST Recovery: _____

Logging: _____ Short Trip: 1.5 hrs DST #1 - 3676' - 3718' - 880' SW
Dev: 3718' - 1 1/4" Lay Down Pipe: _____ DST #2 - 3714' - 3735' - 25' CO 150' SW
Trip: _____ Nipple Down: _____

Hrs. Run Casing: _____ Size: 8 5/8" Weight: 20#

Tally: 277' Jnts: 7 Set @: 286'

Hrs. Circ. Casing: _____ Hrs. Cement Casing: _____ Cement Company: Quality Oil Well Services

Cement With: 180 sks Common 3% CC, 2% Gel Ticket #: 8493

Plug Down: 4:45 AM 3/27/2013 Did Circ: XXXXX Didn't Circ: _____ WOC: _____

PLUGGING INFO: Plugging Cement: _____

Plugging Orders: _____ Date: _____ Time: _____

1st Plug: _____ 2nd Plug: _____

3rd Plug: _____ 4th Plug: _____

5th Plug: _____ Rat Hole: _____

Mouse Hole: _____ Cement Company: _____

Date Plugged: _____ Time: _____

Maverick Drilling LLC

Today's Date: 4/3/2013

Rig # 108

Spud Date: 3/26/2013

Spud Time: 8:45 PM

Operator: Investment Equipment LLC

Well Name & ##: Schweitzer #6

Location: 990' FSL & 990' FWL Sec 6-8S-23W

County: Graham, KS

Approx TD: 3900' BKC

Fuel: 1645 gals

7:00 A.M. Depth: 3795'

Fuel Used Last 24 Hrs: 282 gals

Ftg Drld last 24 hrs: 60'

Port Collar at 1984', 2 hrs jet pits, jet cellar, set slips, - Rig released at 9:30 AM, 21.5 hrs rig down and dry watch.

Current Activity: Cement casing

Comments:

Weather: Cloudy Cold

DRILLING MUD: Weight: 9.4

Water Loss: 8.0

Vis: 50.0

LCM: 1.5#

MUD COST: Daily: \$139.65

Total: \$9,278.15

MUD PUMP: Pressure: 400

Strokes: 56

HOURLY BREAKDOWN

Drilling: 0

Footage

Repairs:

Connections: 0

Daylights:

0'

Jet Pits: 0

Evening:

0'

Service Rig: 0

Morning:

0'

Hours on Bit: 72

FPH:

50

RPM: 70-75

WEIGHT on BIT: 38-40,000

Bit # 1 Make JZ

Type:

HA20QJ

In: 288'

Out: 3795

Hours: 69

Bit # 2 Make

Type:

In:

Out:

Hours:

CFS:

Cond Hole:

DST #:

Trip Hrs:

DST Hrs:

Make Up/LD Tool:

DST #:

Trip Hrs:

DST Hrs:

DST Recovery:

Logging:

Short Trip:

Dev:

Lay Down Pipe:

Trip:

Nipple Down:

Hrs. Run Casing:

Size: 5 1/2"

Weight: 14#

Tally: 3797'

Jnts: 100

Set @: 3794'

Hrs. Circ. Casing:

Hrs. Cement Casing: .5 hr

Cement Company: Swift Services

Cement With: 130 sks AA2

Ticket #: 24304

Plug Down: 7:30 AM 4/2/2013

Did Circ: _____

Didn't Circ: _____

WOC: _____

PLUGGING INFO: Plugging Cement:

Plugging Orders:

Date: _____

Time: _____

1st Plug: _____

2nd Plug: _____

3rd Plug: _____

4th Plug: _____

5th Plug: _____

Rat Hole: _____

30 sks AA2

Mouse Hole: 15 sks AA2

Cement Company: _____

Date Plugged: _____

Time: _____