

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

12/23/12

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33856  
Name: WHITE EXPLORATION INC.  
Address 1: 2400 N. Woodlawn, Suite 115  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67220 +  
Contact Person: Kenneth S. White  
Phone: ( 316 ) 682-6300  
CONTRACTOR: License # 30606 **KCC**  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Wes Hansen  
Purchaser: \_\_\_\_\_

DEC 23 2010  
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Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
 Dry \_\_\_\_\_ Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, 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: \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
9/27/10 10/9/10 10/10/10  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 081-21921-00-00  
Spot Description: \_\_\_\_\_  
SE SE NW SW Sec. 6 Twp. 30 S. R. 31  East  West  
1620 Feet from  North /  South Line of Section  
1120 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Haskell  
Lease Name: Maxine Well #: 2  
Field Name: Flatland  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2861 Kelly Bushing: 2872  
Total Depth: 5660 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 1954 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 PAUJ 1-19-11  
(Data must be collected from the Reserve Pit)  
Chloride content: 7500 ppm Fluid volume: 1600 bbls  
Dewatering method used: Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Kenneth S. White  
Title: President Date: December 23, 2010  
Subscribed and sworn to before me this 23<sup>rd</sup> day of December  
20 10.  
Notary Public: Susan M. Way  
Date Commission Expires: \_\_\_\_\_

SUSAN M. WAY  
NOTARY PUBLIC  
STATE OF KANSAS  
My App. Exp. 10-17-12

KCC Office Use ONLY  
 Letter of Confidentiality Received 12/23/10 - 12/23/12  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
\_\_\_\_\_ UIC Distribution  
**RECEIVED**  
**DEC 27 2010**

KCC WICHITA

Operator Name: WHITE EXPLORATION INC. Lease Name: Maxine Well #: 2  
 Sec. 6 Twp. 30 S. R. 31  East  West County: Haskell

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>Density/Neutron Log</b> <b>Dual Induction Log</b> <b>Microlog and Sonic Log</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner Shale</td> <td>4170</td> <td>-1298</td> </tr> <tr> <td>Atoka Lime</td> <td>5098</td> <td>-2226</td> </tr> <tr> <td>Mississippi</td> <td>5456</td> <td>-2584</td> </tr> </table>	Name	Top	Datum	Heebner Shale	4170	-1298	Atoka Lime	5098	-2226	Mississippi	5456	-2584
Name	Top	Datum											
Heebner Shale	4170	-1298											
Atoka Lime	5098	-2226											
Mississippi	5456	-2584											

CASING RECORD <input checked="" 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
Surface	12-1/4"	8-5/8"	24	1954		540	See attachment

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				

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
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 (Explain)		
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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Attached to and Made a Part of  
ACO-1 Form for  
WHITE EXPLORATION, INC.  
MAXINE #2  
1620' FSL, 1120' FWL  
Section 6-30S-31W  
Haskell County, Kansas  
API# 15-081-21921-00-00

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Surface Casing Cement

Cemented with 390 sacks of A-con Blend cement with 3% CC, 1/4# cellflake/sk and .2% WCA-1/sk and 150 sacks Premium Plus Cement with 2% CC and 1/4# cellflake/sk.

Drill Stem Tests Taken

DST #1 5236' - 5300'

30" - 60" - 60" - 90"

1<sup>st</sup> Open Blow off btm of bucket in 1 minute

2<sup>nd</sup> Open Blow off btm of bucket as soon as opened, gas to surface as soon as opened,  
too small to measure

Rec: 30' of mud

IFP:	70# - 51#	ISIP:	1605#	IHP:	2574#	BHT:	134°
FFP:	25# - 25#	FSIP:	1596#	FHP:	2495#		

DST #2 5570' - 5588'

30" - 60" - 60" - 90"

1<sup>st</sup> Open Weak blow, 1" in 30 minutes

2<sup>nd</sup> Open Weak blow, 1" in 60 minutes

Rec: 700' of water

IFP:	66# - 190#	ISIP:	1591#	IHP:	2745#	BHT:	142°
FFP:	213# - 339#	FSIP:	1562#	FHP:	2627#		

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Customer: <u>Wichita Exploration</u>		Lease No.:	Date: <u>10/9, 10/10</u>
Lease: <u>Maxville</u>		Well # <u>2</u>	
Field Order #	Station	Casing	Depth: <u>1740'</u>
		County: <u>Haskell</u>	State: <u>KS</u>
Type Job: <u>PTA</u>	Formation		Legal Description

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	SIP
	<u>4 1/2" ID</u>			<u>170sx 60/40 POC</u>	<u>470 gal/hr</u>	<u>1150 psi</u>	<u>1.50 cu ft/sk</u>
Depth	Depth	From	To	Pre Pad	Max		5 Min.
	<u>1740</u>			<u>7.50 gal/sk</u>			
Volume	Volume	From	To	Pad	Min		10 Min.
	<u>24</u>						
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
<u>R.P.</u>							
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load
				<u>Fresh mud</u>			

Customer Representative: <u>Overly</u>	Station Manager: <u>Sally Bennett</u>	Treater: <u>Chad Hine</u>
Service Units: <u>19464 30463 19463 19808 19808</u>		
Driver Names: <u>Oliver R. Olds</u>	<u>W. Vasquez</u>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
23:15					on loc, spot track, Rig up
01:52		50	6	3	Pump + 1/20 6 bbl @ 1950'
01:56		50	0	3	St mix 60/40 POC @ 135# 50sx
01:03		0	12.0	3	Fresh mix
01:05		0	13.4	2	Pump + 1/20 2 bbl
01:07		0	0		Switch to mud
01:09			22		Shut down, Pull to 1720'
01:54		0	12	3	Pump 12 bbl + 1/20
01:59		0	13.5	3	St mix @ 13.5# 50sx
02:04		0	0		Switch to Disp
			7		Shut down, Pull to 60' +
					Pull R+M
04:04		0	8	25	Pump + 1/20
04:05			5.5	25	Mix 20sx @ 13.5#
04:10					Plug R+M with 50sx
04:20					washup to POC
					Job Complete

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Thank you  
Chad + Crew.

# BASIC

energy services, L.P.

KCC  
DEC 23 2010

## TREATMENT REPORT

Customer White Exploration	Lease No.	Date 9-29-10	
Lease Maxine	Well # #2	CONFIDENTIAL	
Field Order # 17710491A	Station 1717 Liberal	Casing 8 5/8	Depth 1953.9
Type Job Surface: Plug	Formation Z 42	County Haskell	State KS
		Legal Description 6-30-31	

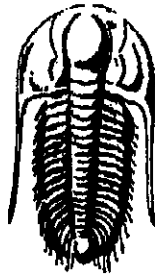
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 1953.9	Depth	From	To	Pre Pad	Max	5	1500	5 Min.
Volume	Volume	From	To	Pad	Min	1.1	0	10 Min.
Max Press 2000	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 1911.17	Packer Depth	From	To	Flush	Gas Volume			Total Load 35066k

Customer Representative: Greg Corden      Station Manager: Jerry Bennett      Treater: R Cox

Service Units	77462	14354	17578	14355	14284				
Driver Names	C Lopez	Droid	Canaday	Victor	Thsgeley				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1200					called out
0400					arrive on Location
0415					Rig up TRKs
0445					wait on rig to Pull Dlg Equipment
0615					Pipe Pulled Hand Drive to go
					111 with Wiper Trip
1200					Start casing In Hole
					Kan Centralizers on Joints 1,3,5
					PACK 31 on #42
345					Start circulating on Bottoms for 30min
315					Break circulation Hook to cmt Iron
330			0	2000	pressure Test
335			10	2.5	10 Bbl spacer Pumped ahead of cmt
340				4.63	start Lead cmt 11.2 ppg
418			218.6	4.2	switch to tail cmt 14.8 ppg
425			35.7		shut down Release plug
432			0	5.0	start displacement
451			100	2.5	slow Rate down
500			121.5	0	Plug Landed Release Pressure Back
515					Rig down
530					Released
					circulated 45 Bbls cmt to pit

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**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **White Exploration**

2400 N Woodlawn  
Wichita Ks, 67220

ATTN: Wes Hansen

**6 30s 31w Haskell KS**

**Maxine #2**

Start Date: 2010.10.06 @ 13:45:22

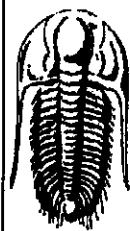
End Date: 2010.10.06 @ 22:50:37

Job Ticket #: 37397                      DST #: 1

**KCC**  
**DEC 23 2010**  
**CONFIDENTIAL**

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

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**DEC 27 2010**  
**KCC WICHITA**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

White Exploration

Maxine #2

2400 N Woodlaw n  
Wichita Ks, 67220

6 30s 31w Haskell KS

ATTN: Wes Hansen

Job Ticket: 37397

DST#: 1

Test Start: 2010.10.06 @ 13:45:22

### GENERAL INFORMATION:

Formation: **Morrow LM**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:26:22

Time Test Ended: 22:50:37

Test Type: Conventional Bottom Hole

Tester: Mike Slomp

Unit No: 53

Interval: 5236.00 ft (KB) To 5300.00 ft (KB) (TVD)

Total Depth: 5300.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2872.00 ft (KB)

2862.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8677

Inside

Press@RunDepth: 25.27 psig @ 5238.00 ft (KB)

Start Date: 2010.10.06

End Date:

2010.10.06

Start Time: 13:45:23

End Time:

22:50:37

Capacity: 8000.00 psig

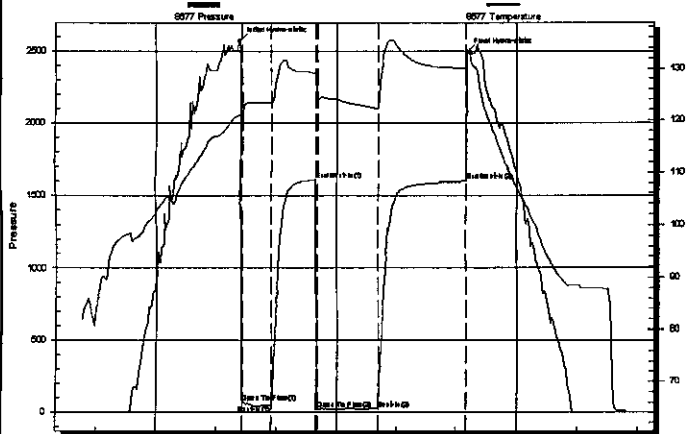
Last Calib.: 2010.10.06

Time On Btm: 2010.10.06 @ 16:23:52

Time Off Btm: 2010.10.06 @ 20:11:22

TEST COMMENT: IF- BOB in 1 min  
IS- No blow back  
FF- BOB ASAO, GTS ASAO, TSTM  
FS- No blow back

Pressure vs. Time



### PRESSURE SUMMARY

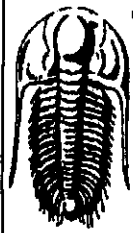
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2573.86	120.93	Initial Hydro-static
3	70.48	121.46	Open To Flow (1)
32	51.38	123.17	Shut-In(1)
75	1605.25	128.99	End Shut-In(1)
78	25.00	124.04	Open To Flow (2)
138	25.27	122.11	Shut-In(2)
227	1595.93	129.98	End Shut-In(2)
228	2494.72	133.67	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	100% mud	0.15

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

White Exploration

**Maxine #2**

2400 N Woodlaw n  
Wichita Ks, 67220

**6 30s 31w Haskell KS**

ATTN: Wes Hansen

Job Ticket: 37397

DST#: 1

Test Start: 2010.10.06 @ 13:45:22

## Tool Information

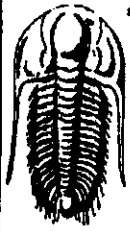
Drill Pipe:	Length: 5035.00 ft	Diameter: 3.80 inches	Volume: 70.63 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 80000.00 lb
			<b>Total Volume: 71.53 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5236.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5212.00	
Sampler	3.00			5215.00	
Hydraulic tool	5.00			5220.00	
Jars	5.00			5225.00	
Safety Joint	2.00			5227.00	
Packer	5.00			5232.00	29.00 Bottom Of Top Packer
Packer	4.00			5236.00	
Stubb	1.00			5237.00	
Perforations	1.00			5238.00	
Recorder	0.00	8522	Inside	5238.00	
Recorder	0.00	8677	Inside	5238.00	
Perforations	26.00			5264.00	
Change Over Sub	1.00			5265.00	
Drill Pipe	31.00			5296.00	
Change Over Sub	1.00			5297.00	
Bullnose	3.00			5300.00	64.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>93.00</b>				





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

White Exploration

**Maxine #2**

2400 N Woodlaw n  
Wichita Ks, 67220

**6 30s 31w Haskell KS**

Job Ticket: 37397

**DST#: 1**

ATTN: Wes Hansen

Test Start: 2010.10.06 @ 13:45:22

## 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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100% mud	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

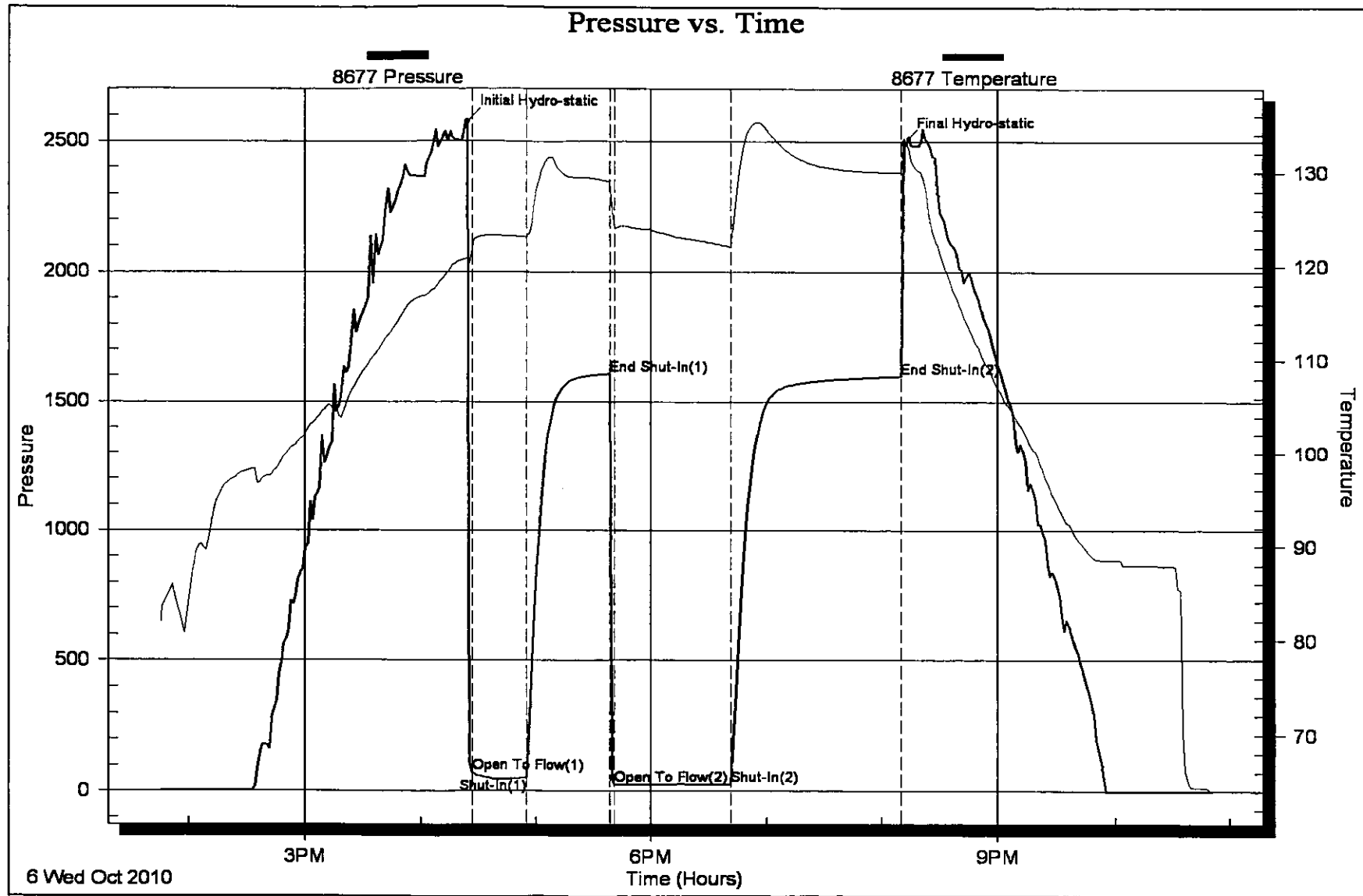
Num Gas Bombs: 0

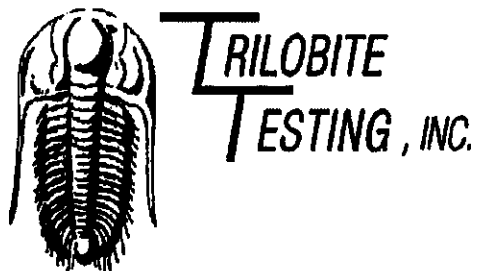
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler-1600 PSI, 4 cu/ft gas





## DRILL STEM TEST REPORT

Prepared For: **White Exploration**

2400 N Woodlawn  
Wichita Ks, 67220

ATTN: Wes Hansen

**6 30s 31w Haskell KS**

**Maxine #2**

Start Date: 2010.10.08 @ 09:25:39

End Date: 2010.10.08 @ 20:24:39

Job Ticket #: 37398                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

White Exploration

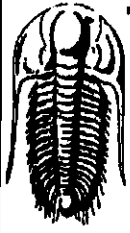
Maxine #2

6 30s 31w Haskell KS

DST # 2

SLLouis

2010.10.08



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

White Exploration

Maxline #2

2400 N Woodlaw n  
Wichita Ks, 67220

6 30s 31w Haskell KS

Job Ticket: 37398

DST#: 2

ATTN: Wes Hansen

Test Start: 2010.10.08 @ 09:25:39

## GENERAL INFORMATION:

Formation: **St. Louis**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 13:17:24

Time Test Ended: 20:24:39

Test Type: **Conventional Bottom Hole**

Tester: **Mike Slemp**

Unit No: **53**

Interval: **5570.00 ft (KB) To 5588.00 ft (KB) (TVD)**

Total Depth: **5588.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Good**

Reference Elevations: **2872.00 ft (KB)**

**2862.00 ft (CF)**

KB to GR/CF: **10.00 ft**

Serial #: **8677**

Inside

Press@RunDepth: **338.86 psig @ 5572.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.10.08**

End Date: **2010.10.08**

Last Calib.: **2010.10.08**

Start Time: **09:25:40**

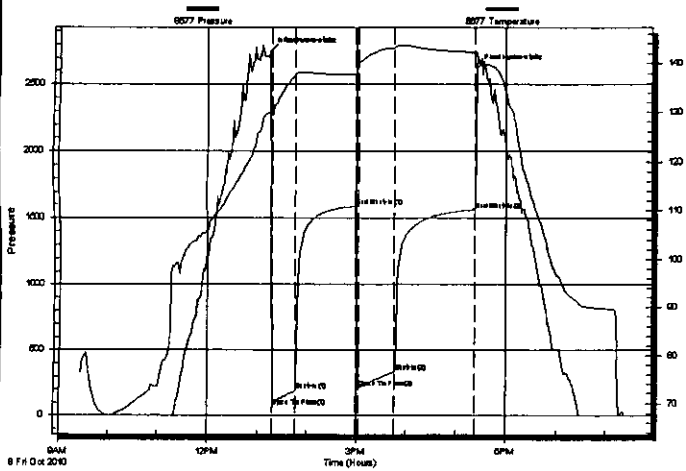
End Time: **20:24:39**

Time On Btm: **2010.10.08 @ 13:15:54**

Time Off Btm: **2010.10.08 @ 17:24:54**

TEST COMMENT: IF-Weak blow 1 inch in 30min  
ISI- No blow back  
FF-Weak blow 1 inch in 60 min  
FSI- No blow back

Pressure vs. Time



## PRESSURE SUMMARY

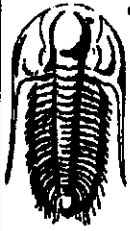
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2745.25	129.98	Initial Hydro-static
2	65.55	129.37	Open To Flow (1)
30	190.02	137.54	Shut-In(1)
104	1590.68	137.67	End Shut-In(1)
107	213.15	139.94	Open To Flow (2)
150	338.86	143.20	Shut-In(2)
248	1562.27	142.26	End Shut-In(2)
249	2626.93	142.25	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
700.00	100%w ater	8.16

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

White Exploration

Maxine #2

2400 N Woodlaw n  
Wichita Ks, 67220

6 30s 31w Haskell KS

Job Ticket: 37398

DST#: 2

ATTN: Wes Hansen

Test Start: 2010.10.08 @ 09:25:39

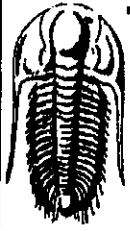
## Tool Information

Drill Pipe:	Length: 5379.00 ft	Diameter: 3.80 inches	Volume: 75.45 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 80000.00 lb
			<b>Total Volume: 76.35 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5570.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5546.00	
Sampler	3.00			5549.00	
Hydraulic tool	5.00			5554.00	
Jars	5.00			5559.00	
Safety Joint	2.00			5561.00	
Packer	5.00			5566.00	29.00 Bottom Of Top Packer
Packer	4.00			5570.00	
Stubb	1.00			5571.00	
Perforations	1.00			5572.00	
Recorder	0.00	8522	Inside	5572.00	
Recorder	0.00	8677	Inside	5572.00	
Perforations	13.00			5585.00	
Bullnose	3.00			5588.00	18.00 Bottom Packers & Anchor

**Total Tool Length: 47.00**



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## DRILL STEM TEST REPORT

**FLUID SUMMARY**

White Exploration

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**6 30s 31w Haskell KS**

Job Ticket: 37398

DST#: 2

ATTN: Wes Hansen

Test Start: 2010.10.08 @ 09:25:39

### 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:

75000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
700.00	100%w ater	8.161

Total Length: 700.00 ft      Total Volume: 8.161 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .11 @ 70F = 75000

