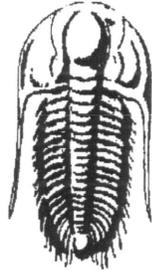


36-29-32W

KGS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **White Exploration**

2400 Woodlawn
Wichita, KS 67220

ATTN: Tom Williams

36 29 32 Haskell KS

Phoenix Farms #2

Start Date: 2008.11.14 @ 20:15:00

End Date: 2008.11.15 @ 05:57:45

Job Ticket #: 34139 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

White Exploration

Phoenix Farms #2

36 29 32 Haskell KS

DST # 1

Atoka

2008.11.14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

ATTN: Tom Williams

Job Ticket: 34139

DST#: 1

Test Start: 2008.11.14 @ 20:15:00

GENERAL INFORMATION:

Formation: **Atoka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:09:15

Time Test Ended: 05:57:45

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 5076.00 ft (KB) To 5100.00 ft (KB) (TVD)

Total Depth: 5100.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2891.00 ft (KB)

2880.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751

Inside

Press@RunDepth: 31.55 psig @ 5081.00 ft (KB)

Start Date: 2008.11.14

End Date: 2008.11.15

Start Time: 20:15:01

End Time: 05:57:45

Capacity: 7000.00 psig

Last Calib.: 2008.11.15

Time On Btm: 2008.11.14 @ 23:07:00

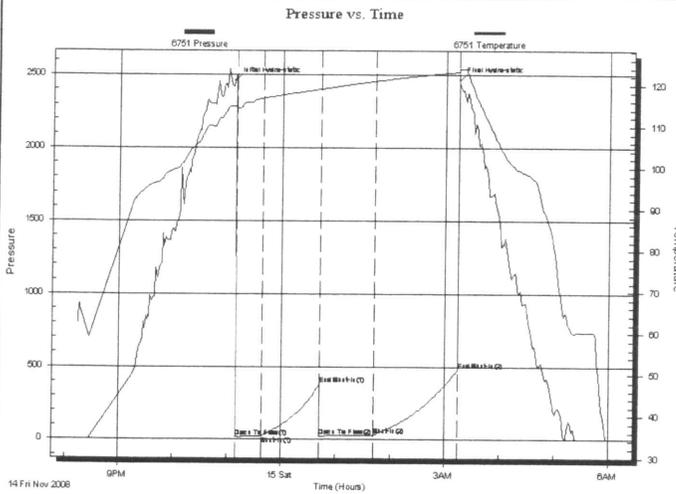
Time Off Btm: 2008.11.15 @ 03:14:30

TEST COMMENT: IF- Weak building blow, built to 4" into bucket.

IS- No blow back.

FF- Weak building blow, built to 6" into bucket.

IS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2457.22	114.84	Initial Hydro-static
3	17.84	113.75	Open To Flow (1)
32	21.80	116.84	Shut-In(1)
95	377.18	119.07	End Shut-In(1)
96	21.57	118.96	Open To Flow (2)
155	31.55	120.96	Shut-In(2)
247	479.79	123.21	End Shut-In(2)
248	2464.99	123.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	500' GIP	0.00
60.00	5% gas 95% mud w with spotty oil.	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

Job Ticket: 34139

DST#: 1

ATTN: Tom Williams

Test Start: 2008.11.14 @ 20:15:00

Tool Information

Drill Pipe:	Length: 4770.00 ft	Diameter: 3.80 inches	Volume: 66.91 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: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 68.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	5076.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Shut In Tool	5.00			5056.00	
Sampler	2.00			5058.00	
Hydraulic tool	5.00			5063.00	
Jars	5.00			5068.00	
Safety Joint	3.00			5071.00	
Packer	5.00			5076.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			5080.00	
Stubb	1.00			5081.00	
Recorder	0.00	6751	Inside	5081.00	
Recorder	0.00	8355	Inside	5081.00	
Perforations	1.00			5082.00	
Perforations	14.00			5096.00	
Bullnose	4.00			5100.00	24.00 Anchor Tool

Total Tool Length: 49.00

KGS



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration	Phoenix Farms #2
2400 Woodlaw n Wichita, KS 67220	36 29 32 Haskell KS
ATTN: Tom Williams	Job Ticket: 34139 DST#: 1
	Test Start: 2008.11.14 @ 20:15:00

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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	500' GIP	0.000
60.00	5%gas 95%mud with spotty oil.	0.295

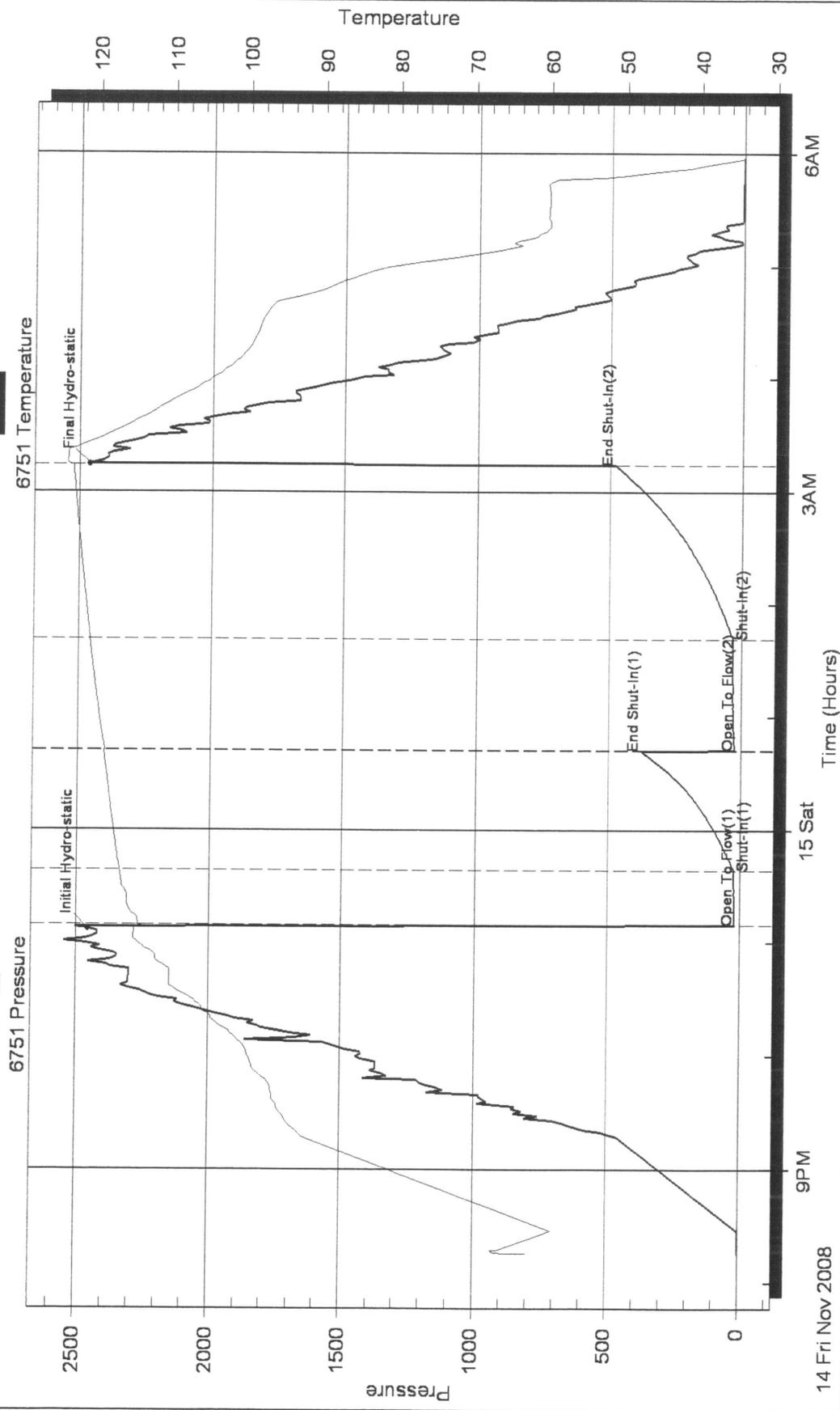
Total Length: 60.00 ft Total Volume: 0.295 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler Data- 1000ML mud with spotty oil and 2 CFD gas @ 450 PSI.

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **White Exploration**

2400 Woodlawn
Wichita, KS 67220

ATTN: Tom Williams

36 29 32 Haskell KS

Phoenix Farms #2

Start Date: 2008.11.16 @ 06:30:00

End Date: 2008.11.16 @ 15:35:30

Job Ticket #: 34140 DST #: 2

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

White Exploration

2400 Woodlawn
Wichita, KS 67220

ATTN: Tom Williams

Phoenix Farms #2

36 29 32 Haskell KS

Job Ticket: 34140

DST#: 2

Test Start: 2008.11.16 @ 06:30:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:11:45

Time Test Ended: 15:35:30

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5214.00 ft (KB) To 5280.00 ft (KB) (TVD)**

Total Depth: 5280.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2891.00 ft (KB)

2880.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8355 Inside

Press@RunDepth: 206.10 psig @ 5219.00 ft (KB)

Start Date: 2008.11.16

End Date:

2008.11.16

Start Time: 06:30:01

End Time:

15:35:30

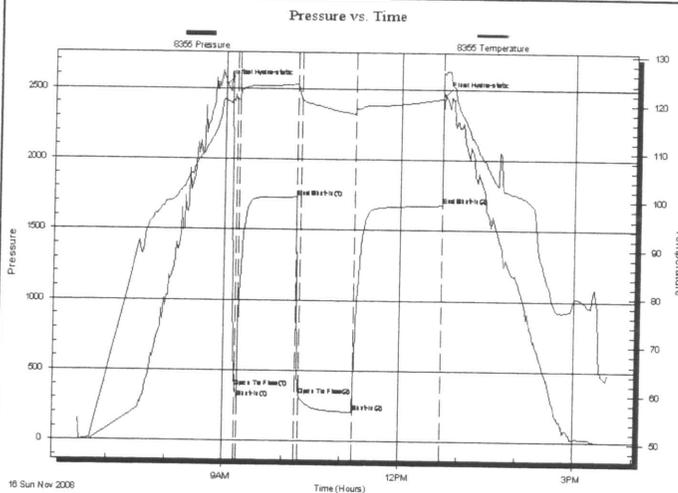
Capacity: 7000.00 psig

Last Calib.: 2008.11.16

Time On Btm: 2008.11.16 @ 09:00:45

Time Off Btm: 2008.11.16 @ 12:44:30

TEST COMMENT: IF- Strong blow BOB ASAO, GTS 2min.
IS- No blow back.
FF- Strong blow BOB>S ASAO.
FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2533.18	120.69	Initial Hydro-static
11	375.09	120.88	Open To Flow (1)
14	302.57	120.64	Shut-In (1)
73	1730.94	124.08	End Shut-In (1)
77	322.40	120.99	Open To Flow (2)
132	206.10	117.91	Shut-In (2)
222	1676.90	121.18	End Shut-In (2)
224	2458.38	126.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	5% gas 95% mud	1.48

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	35.00	1420.19
Last Gas Rate	1.00	20.00	988.96
Max. Gas Rate	1.00	35.00	1420.19



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

ATTN: Tom Williams

Job Ticket: 34140

DST#: 2

Test Start: 2008.11.16 @ 06:30:00

Tool Information

Drill Pipe:	Length: 4896.00 ft	Diameter: 3.80 inches	Volume: 68.68 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: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 70.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5214.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	91.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5194.00	
Sampler	2.00			5196.00	
Hydraulic tool	5.00			5201.00	
Jars	5.00			5206.00	
Safety Joint	3.00			5209.00	
Packer	5.00			5214.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			5218.00	
Stubb	1.00			5219.00	
Recorder	0.00	6751	Inside	5219.00	
Recorder	0.00	8355	Inside	5219.00	
Perforations	1.00			5220.00	
Change Over Sub	1.00			5221.00	
Drill Pipe	31.00			5252.00	
Change Over Sub	1.00			5253.00	
Perforations	23.00			5276.00	
Bullnose	4.00			5280.00	66.00 Anchor Tool
Total Tool Length:	91.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

ATTN: Tom Williams

Job Ticket: 34140

DST#: 2

Test Start: 2008.11.16 @ 06:30:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	5% gas 95% mud	1.475

Total Length: 300.00 ft Total Volume: 1.475 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data- Trace of mud 34 CFD of gas @ 1650.



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

ATTN: Tom Williams

Job Ticket: 34140

DST#: 2

Test Start: 2008.11.16 @ 06:30:00

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	5	1.00	35.00	1420.19
1	5	1.00	35.00	1420.19
2	10	1.00	35.00	1420.19
2	20	1.00	25.00	1132.70
2	30	1.00	22.00	1046.46
2	40	1.00	22.00	1046.46
2	60	1.00	20.00	988.96

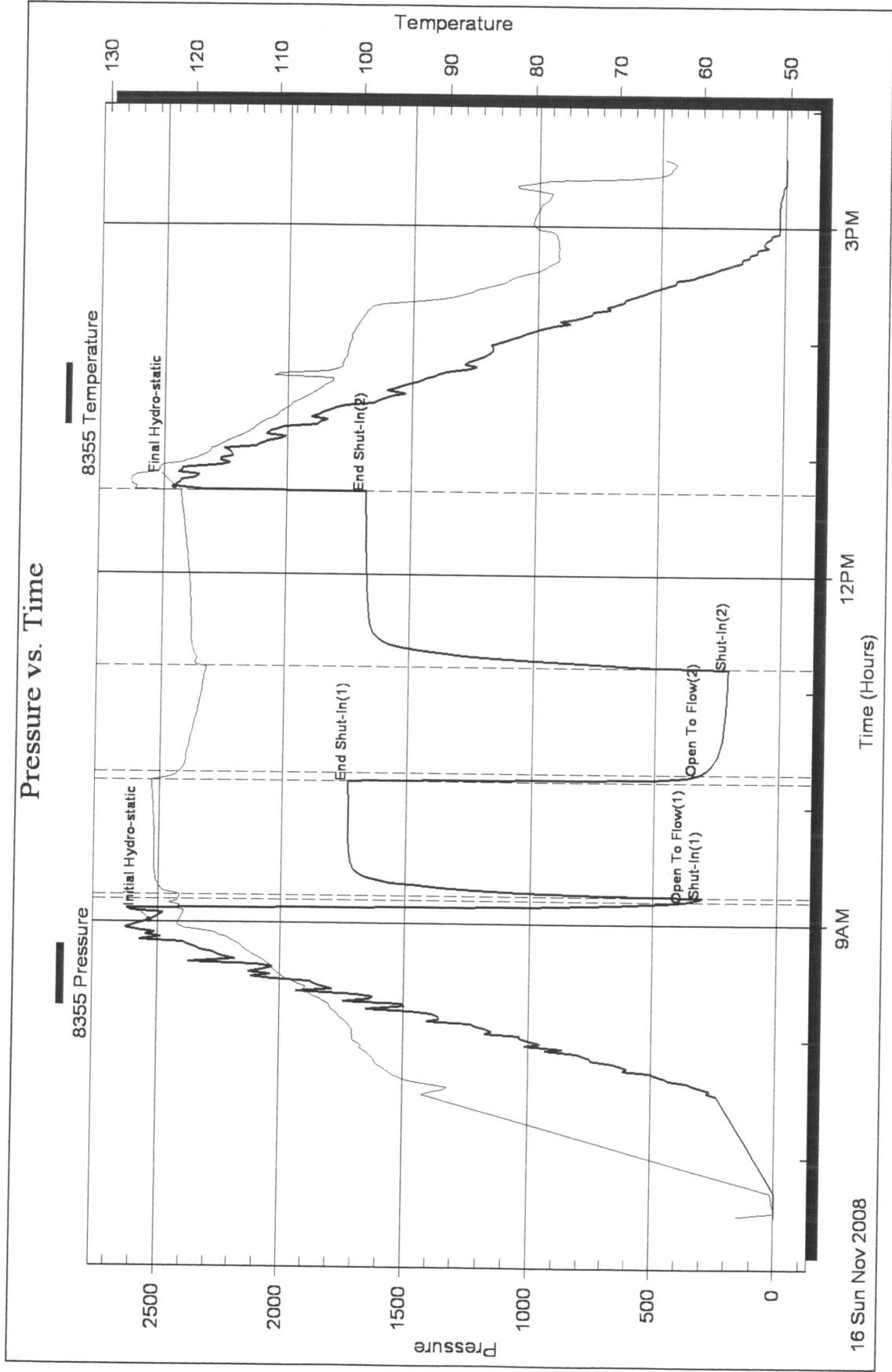
Serial #: 8355

Inside

White Exploration

36 29 32 Haskell KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **White Exploration**

2400 Woodlawn
Wichita, KS 67220

ATTN: Tom Williams

36 29 32 Haskell KS

Phoenix Farms #2

Start Date: 2008.11.17 @ 05:15:00

End Date: 2008.11.17 @ 14:42:00

Job Ticket #: 34141 DST #: 3

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

White Exploration

2400 Woodlaw n
Wichita, KS 67220

ATTN: Tom Williams

Phoenix Farms #2

36 29 32 Haskell KS

Job Ticket: 34141

DST#: 3

Test Start: 2008.11.17 @ 05:15:00

GENERAL INFORMATION:

Formation: **Lower Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:54:00

Time Test Ended: 14:42:00

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5282.00 ft (KB) To 5337.00 ft (KB) (TVD)**

Total Depth: 5337.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2891.00 ft (KB)

2880.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751

Inside

Press@RunDepth: 178.78 psig @ 5287.00 ft (KB)

Start Date: 2008.11.17

End Date:

2008.11.17

Start Time: 05:15:01

End Time:

14:42:00

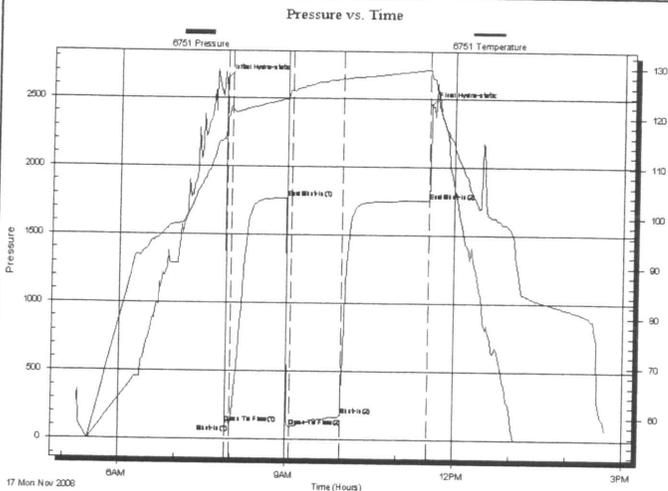
Capacity: 7000.00 psig

Last Calib.: 2008.11.17

Time On Btm: 2008.11.17 @ 07:53:15

Time Off Btm: 2008.11.17 @ 11:35:45

TEST COMMENT: IF- Strong blow BOB ASAO,
IS- No blow back.
FF- Strong blow BOB ASAO GTS 5min.
FS- Weak surface blow.



PRESSURE SUMMARY

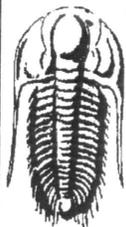
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2638.60	117.52	Initial Hydro-static
1	112.12	118.06	Open To Flow (1)
6	110.73	121.88	Shut-In(1)
67	1769.24	123.71	End Shut-In(1)
72	94.89	125.37	Open To Flow (2)
127	178.78	127.79	Shut-In(2)
221	1753.67	129.61	End Shut-In(2)
223	2454.82	128.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	10% m 15%gas 75%oil	2.25

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	0.00	22.84
Last Gas Rate	0.25	30.00	70.44
Max. Gas Rate	0.25	30.00	70.44



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

Job Ticket: 34141

DST#: 3

ATTN: Tom Williams

Test Start: 2008.11.17 @ 05:15:00

Tool Information

Drill Pipe:	Length: 4961.00 ft	Diameter: 3.80 inches	Volume: 69.59 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: 306.00 ft	Diameter: 2.24 inches	Volume: 1.49 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 71.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	5282.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	80.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5262.00	
Sampler	2.00			5264.00	
Hydraulic tool	5.00			5269.00	
Jars	5.00			5274.00	
Safety Joint	3.00			5277.00	
Packer	5.00			5282.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			5286.00	
Stubb	1.00			5287.00	
Recorder	0.00	6751	Inside	5287.00	
Recorder	0.00	8355	Inside	5287.00	
Perforations	1.00			5288.00	
Change Over Sub	1.00			5289.00	
Drill Pipe	31.00			5320.00	
Change Over Sub	1.00			5321.00	
Perforations	12.00			5333.00	
Bullnose	4.00			5337.00	55.00 Anchor Tool
Total Tool Length:	80.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

ATTN: Tom Williams

Job Ticket: 34141

DST#: 3

Test Start: 2008.11.17 @ 05:15:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2100.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	10%m15%gas 75%oil	2.249

Total Length: 360.00 ft Total Volume: 2.249 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler Data- 1000 ML oil w ith 15%mud 25 CFD gas @ 1750 PSI NO WATER



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

Job Ticket: 34141

DST#: 3

ATTN: Tom Williams

Test Start: 2008.11.17 @ 05:15:00

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	0.00	22.84
2	10	0.25	0.00	22.84
2	10	0.25	0.00	22.84
2	20	0.25	20.00	54.57
2	30	0.25	25.00	62.50
2	40	0.25	30.00	70.44

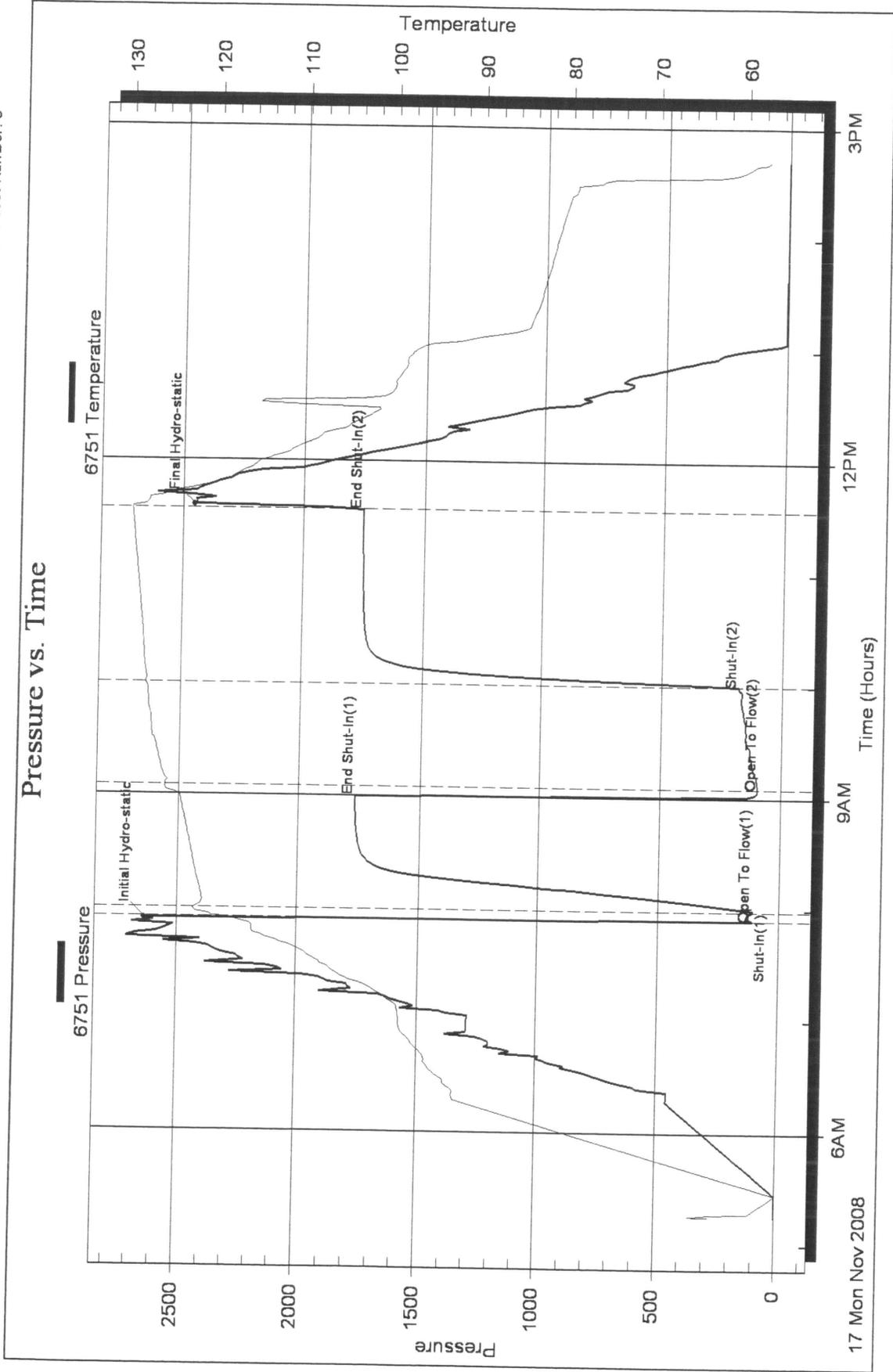
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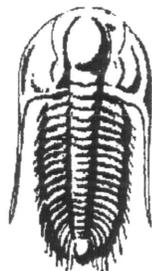
Inside

White Exploration

36 29 32 Haskell KS

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **White Exploration**

2400 Woodlawn
Wichita, KS 67220

ATTN: Tom Williams

36 29 32 Haskell KS

Phoenix Farms #2

Start Date: 2008.11.18 @ 14:15:00

End Date: 2008.11.18 @ 23:15:15

Job Ticket #: 34142 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

ATTN: Tom Williams

Job Ticket: 34142

DST#: 4

Test Start: 2008.11.18 @ 14:15:00

GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:49:15
 Time Test Ended: 23:15:15

Test Type: Conventional Bottom Hole
 Tester: Harley Davidson
 Unit No: 33

Interval: **5521.00 ft (KB) To 5551.00 ft (KB) (TVD)**
 Total Depth: 5551.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2891.00 ft (KB)
 2880.00 ft (CF)
 KB to GR/CF: 11.00 ft

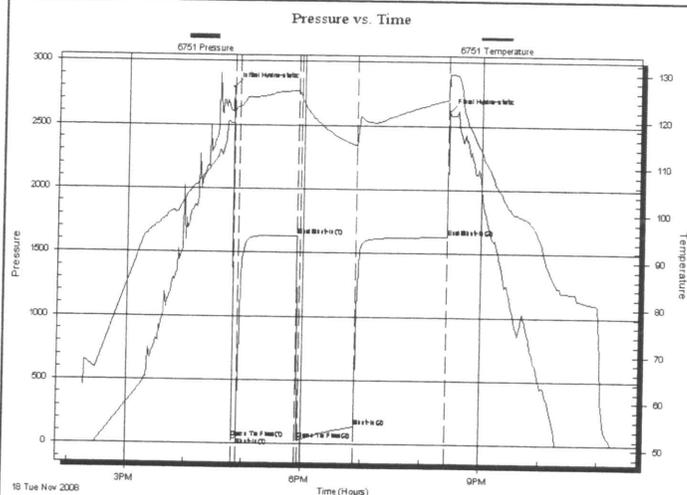
Serial #: 6751

Inside

Press@RunDepth: 136.02 psig @ 5526.00 ft (KB)
 Start Date: 2008.11.18 End Date: 2008.11.18
 Start Time: 14:15:01 End Time: 23:15:15

Capacity: 7000.00 psig
 Last Calib.: 2008.11.18
 Time On Btm: 2008.11.18 @ 16:48:00
 Time Off Btm: 2008.11.18 @ 20:27:00

TEST COMMENT: IF- Strong blow BOB ASAO.
 IS- No blow back.
 FF- Strong blow BOB ASOA GTS 2min.
 FS- Weak surface blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2798.27	119.44	Initial Hydro-static
2	36.95	121.26	Open To Flow (1)
7	45.75	122.78	Shut-In(1)
67	1631.67	126.35	End Shut-In(1)
69	30.46	125.14	Open To Flow (2)
126	136.02	114.59	Shut-In(2)
218	1628.31	124.54	End Shut-In(2)
219	2612.81	129.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	100% mud with trace of gas	0.34

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	10.00	38.71
Last Gas Rate	0.25	85.00	157.69
Max. Gas Rate	0.25	85.00	157.69



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration

Phoenix Farms #2

2400 Woodlawn
Wichita, KS 67220

36 29 32 Haskell KS

Job Ticket: 34142

DST#: 4

ATTN: Tom Williams

Test Start: 2008.11.18 @ 14:15:00

Tool Information

Drill Pipe:	Length: 5215.00 ft	Diameter: 3.80 inches	Volume: 73.15 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: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 74.65 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5521.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5501.00	
Sampler	2.00			5503.00	
Hydraulic tool	5.00			5508.00	
Jars	5.00			5513.00	
Safety Joint	3.00			5516.00	
Packer	5.00			5521.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			5525.00	
Stubb	1.00			5526.00	
Recorder	0.00	6751	Inside	5526.00	
Recorder	0.00	8355	Inside	5526.00	
Perforations	1.00			5527.00	
Perforations	20.00			5547.00	
Bullnose	4.00			5551.00	30.00 Anchor Tool

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration

Phoenix Farms #2

2400 Woodlaw n
Wichita, KS 67220

36 29 32 Haskell KS

ATTN: Tom Williams

Job Ticket: 34142

DST#: 4

Test Start: 2008.11.18 @ 14:15:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	100% mud with trace of gas	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: 123

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Sampler Data- 28 CFD gas trace of mud @ 1600



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

White Exploration

Phoenix Farms #2

2400 Woodlawn
Wichita, KS 67220

36 29 32 Haskell KS

ATTN: Tom Williams

Job Ticket: 34142

DST#: 4

Test Start: 2008.11.18 @ 14:15:00

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	10.00	38.71
2	10	0.25	10.00	38.71
2	20	0.25	30.00	70.44
2	30	0.25	50.00	102.16
2	40	0.25	65.00	125.96
2	60	0.25	85.00	157.69

Serial #: 6751

Inside

White Exploration

36 29 32 Haskell KS

DST Test Number: 4

