



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

2717 Canal Hays Kansas
67601

ATTN: Ted Pfan

H-E unit

11-17s-14w-Barton

Start Date: 2012.06.06 @ 04:10:00

End Date: 2012.06.06 @ 09:27:00

Job Ticket #: 17677 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.06.06 @ 09:16:52



DRILL STEM TEST REPORT

Shelby Resources
 2717 Canal Hays Kansas
 67601
 ATTN: Ted Pfan

11-17s-14w-Barton
H-E unit
 Job Ticket: 17677 **DST#: 1**
 Test Start: 2012.06.06 @ 04:10:00

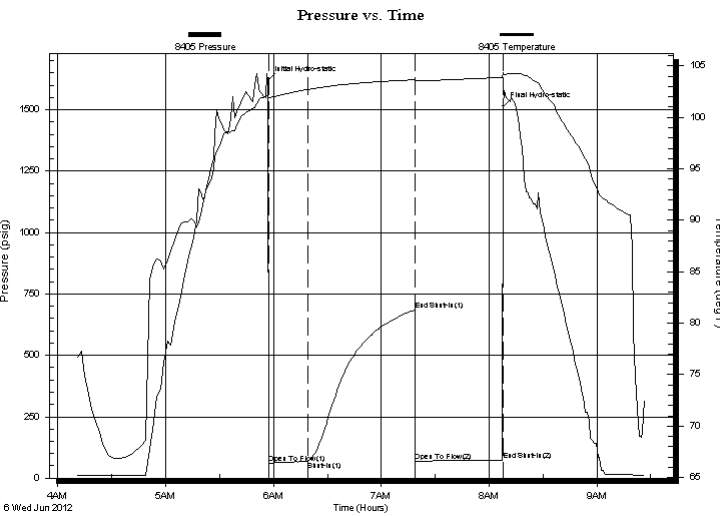
GENERAL INFORMATION:

Formation: **Lancing A-D**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 05:57:30 Tester: Dustin Ellis
 Time Test Ended: 09:27:00 Unit No: 3315-Gear Bend-35
 Interval: **3158.00 ft (KB) To 3225.00 ft (KB) (TVD)** Reference Elevations: 1918.00 ft (KB)
 Total Depth: 3225.00 ft (KB) (TVD) 1909.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 8405 Outside

Press @ RunDepth: 68.69 psig @ 3222.50 ft (KB) Capacity: 5000.00 psig
 Start Date: 2012.06.06 End Date: 2012.06.06 Last Calib.: 2012.06.06
 Start Time: 04:10:00 End Time: 09:27:00 Time On Btm: 2012.06.06 @ 05:57:00
 Time Off Btm: 2012.06.06 @ 08:08:00

TEST COMMENT: 1st Open 20 minutes Very weak surface blow.
 1st Shut in 60 minutes No blow back.
 2nd Open 45 minutes Very weak surface blow .died off flushed no help
 2nd Shut in 5 minutes No blow back.



PRESSURE SUMMARY

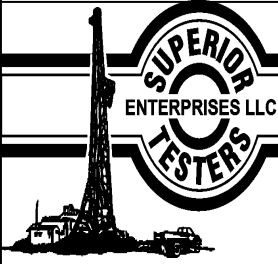
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1618.73	102.16	Initial Hydro-static
1	61.30	101.90	Open To Flow (1)
22	68.69	102.70	Shut-In(1)
82	684.94	103.66	End Shut-In(1)
82	68.94	103.53	Open To Flow (2)
131	73.83	103.87	End Shut-In(2)
131	1513.66	104.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	Mud 100%	0.03

Gas Rates

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



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Shelby Resources
2717 Canal Hays Kansas
67601
ATTN: Ted Pfan

11-17s-14w-Barton

H-E unit
Job Ticket: 17677 **DST#: 1**
Test Start: 2012.06.06 @ 04:10:00

GENERAL INFORMATION:

Formation: **Lancing A-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:57:30

Time Test Ended: 09:27:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Grear Bend-35

Interval: 3158.00 ft (KB) To 3225.00 ft (KB) (TVD)

Reference Elevations: 1918.00 ft (KB)

Total Depth: 3225.00 ft (KB) (TVD)

1909.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8400

Inside

Press @ RunDepth: 77.59 psig @ 3221.50 ft (KB)

Capacity: 5000.00 psig

Start Date: 2012.06.06

End Date:

2012.06.06

Last Calib.:

2012.06.06

Start Time: 04:10:00

End Time:

09:26:30

Time On Btm:

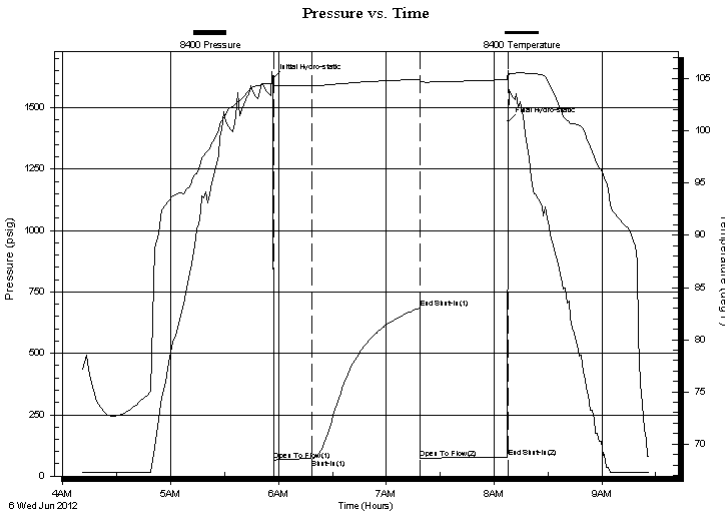
2012.06.06 @ 05:57:00

Time Off Btm:

2012.06.06 @ 08:08:00

TEST COMMENT: 1st Open 20 minutes Very weak surface blow.
1st Shut in 60 minutes No blow back.
2nd Open 45 minutes Very weak surface blow .died off flushed no help
2nd Shut in 5 minutes No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1616.98	104.70	Initial Hydro-static
1	65.27	104.22	Open To Flow (1)
22	70.27	104.33	Shut-In(1)
82	684.77	104.94	End Shut-In(1)
82	72.07	104.69	Open To Flow (2)
131	77.59	104.91	End Shut-In(2)
131	1444.14	105.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	Mud 100%	0.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources
 2717 Canal Hays Kansas
 67601
 ATTN: Ted Pfan

11-17s-14w-Barton
H-E unit
 Job Ticket: 17677 **DST#: 1**
 Test Start: 2012.06.06 @ 04:10:00

Tool Information

Drill Pipe:	Length: 2895.00 ft	Diameter: 3.80 inches	Volume: 40.61 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:	20000.00 lb
Drill Collar:	Length: 252.91 ft	Diameter: 2.25 inches	Volume: 1.24 bbl	Weight to Pull Loose:	63000.00 lb
			<u>Total Volume: 41.85 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.91 ft			String Weight: Initial	61000.00 lb
Depth to Top Packer:	3158.00 ft			Final	61000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	67.50 ft				
Tool Length:	95.50 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			3135.00	
Hydraulic Tool	5.00			3140.00	
Jars	6.00			3146.00	
Safety Joint	2.00			3148.00	
Packer	5.00			3153.00	28.00 Bottom Of Top Packer
Packer	5.00			3158.00	
Anchor	5.00			3163.00	
Change Over Sub	0.75			3163.75	
Drill Pipe	32.00			3195.75	
Change Over Sub	0.75			3196.50	
Anchor	24.00			3220.50	
Recorder	1.00	8400	Inside	3221.50	
Recorder	1.00	8405	Outside	3222.50	
Bull Plug	3.00			3225.50	67.50 Bottom Packers & Anchor

Total Tool Length: 95.50



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FLUID SUMMARY

Shelby Resources

11-17s-14w-Barton

2717 Canal Hays Kansas
67601

H-E unit

Job Ticket: 17677

DST#: 1

ATTN: Ted Pfan

Test Start: 2012.06.06 @ 04:10:00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	Mud 100%	0.030

Total Length: 6.00 ft Total Volume: 0.030 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

