



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources L.L.C.**

446 Union Blvd Suite 208
Lakewood, Colorado 80228

ATTN: Jermey Schwartz

#6-24 Clark

24-17s-14w Barton

Start Date: 2013.02.10 @ 00:00:00

End Date:

Job Ticket #: 17079

DST #: 6

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

Printed: 2013.02.10 @ 15:04:33



DRILL STEM TEST REPORT

Shelby Resources L.L.C.
 446 Union Blvd Suite 208
 Lakewood, Colorado 80228
 ATTN: Jerney Schwartz

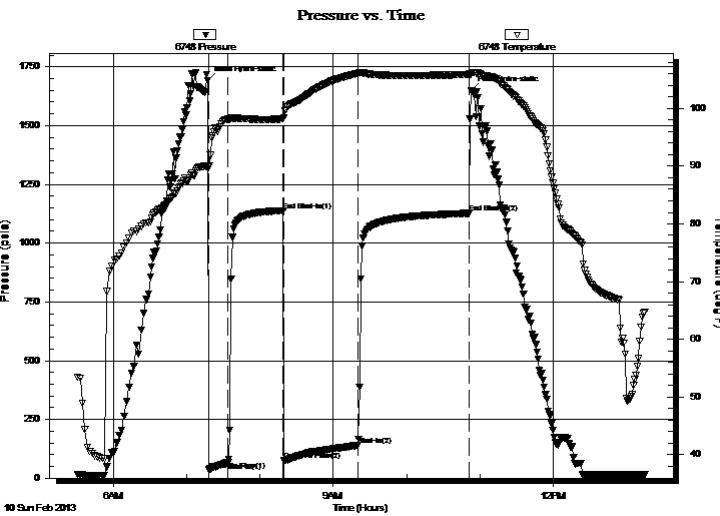
24-17s-14w Barton
#6-24 Clark
 Job Ticket: 17079 **DST#: 6**
 Test Start: 2013.02.10 @ 00:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened:
 Tester: Shane Konzem
 Time Test Ended:
 Unit No: 3330-40 Great Bend
 Reference Elevations: 1986.00 ft (KB)
 1977.00 ft (CF)
 Interval: **3485.00 ft (KB) To 3495.00 ft (KB) (TVD)**
 Total Depth: 3495.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 9.00 ft

Serial #: 6748 Inside
 Press @ Run Depth: 1127.35 psia @ 3491.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.02.10 End Date: 2013.02.10 Last Calib.: 2013.02.10
 Start Time: 05:30:00 End Time: 13:15:00 Time On Btm: 2013.02.10 @ 07:17:30
 Time Off Btm: 2013.02.10 @ 10:52:30

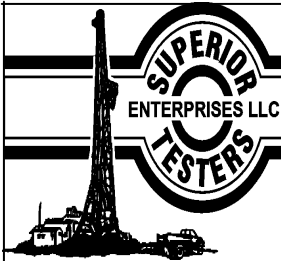
TEST COMMENT: 1st Open/ 15 Minutes. Weak blow built to 3 inches in 5 gallon bucket of water.
 1st Shut In/ 45 Minutes. No blow back.
 2nd Open/ 60 Minutes. Fair blow built to bottom of bucket in 34 minutes.
 2nd Shut In/ 90 Minutes. Slight surface blow at 20 Minutes.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1691.91	89.80	Initial Hydro-static
1	35.37	89.81	Open To Flow (1)
17	67.33	98.13	Shut-In(1)
62	1138.51	98.19	End Shut-In(1)
62	74.68	98.41	Open To Flow (2)
123	139.17	106.03	Shut-In(2)
214	1127.35	105.84	End Shut-In(2)
215	1650.01	105.93	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	240 Gas in the pipe	0.00
185.00	Clean Gassy Oil Gravity 37 1/2 Corrected	0.91
0.00	15% Gas 85% Oil	0.00
85.00	Heavy oil and gas cut mud	0.96
0.00	5% Gas 35% Oil 60% Mud	0.00
5.00	Slightly oil cut water	0.07

Gas Rates			
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



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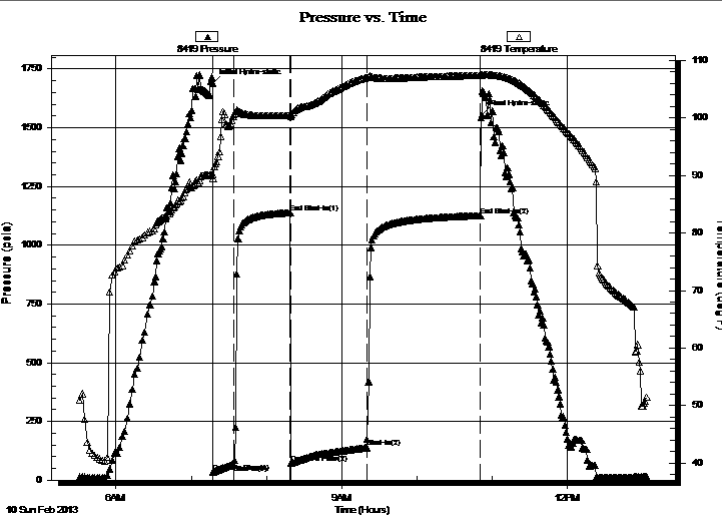
24-17s-14w Barton
#6-24 Clark
 Job Ticket: 17079 **DST#: 6**
 Test Start: 2013.02.10 @ 00:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 3330-40 Great Bend
 Interval: **3485.00 ft (KB) To 3495.00 ft (KB) (TVD)**
 Total Depth: 3495.00 ft (KB) (TVD)
 Reference Elevations: 1986.00 ft (KB)
 1977.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 9.00 ft

Serial #: 8419 Outside
 Press @ Run Depth: 1126.56 psia @ 3492.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.02.10 End Date: 2013.02.10 Last Calib.: 2013.02.10
 Start Time: 05:30:00 End Time: 13:03:30 Time On Btm: 2013.02.10 @ 07:17:00
 Time Off Btm: 2013.02.10 @ 10:52:00

TEST COMMENT: 1st Open/ 15 Minutes. Weak blow built to 3 inches in 5 gallon bucket of water.
 1st Shut In/ 45 Minutes. No blow back.
 2nd Open/ 60 Minutes. Fair blow built to bottom of bucket in 34 minutes.
 2nd Shut In/ 90 Minutes. Slight surface blow at 20 Minutes.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1690.21	90.20	Initial Hydro-static
1	33.45	89.46	Open To Flow (1)
17	67.13	100.54	Shut-In(1)
62	1138.22	100.48	End Shut-In(1)
63	73.93	100.24	Open To Flow (2)
123	138.23	107.02	Shut-In(2)
214	1126.56	107.36	End Shut-In(2)
215	1555.57	107.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	240 Gas in the pipe	0.00
185.00	Clean Gassy Oil Gravity 37 1/2 Corrected	0.91
0.00	15% Gas 85% Oil	0.00
85.00	Heavy oil and gas cut mud	0.96
0.00	5% Gas 35% Oil 60% Mud	0.00
5.00	Slightly oil cut water	0.07

Gas Rates

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



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TOOL DIAGRAM

Shelby Resources L.L.C.
 446 Union Blvd Suite 208
 Lakewood, Colorado 80228
 ATTN: Jerney Schwartz

24-17s-14w Barton
#6-24 Clark
 Job Ticket: 17079 **DST#: 6**
 Test Start: 2013.02.10 @ 00:00:00

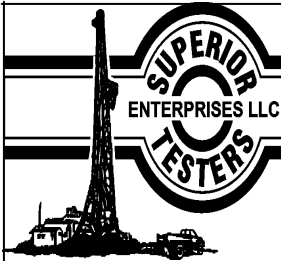
Tool Information

Drill Pipe:	Length: 3250.00 ft	Diameter: 3.80 inches	Volume: 45.59 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:	20000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: 46.62 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	3485.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 ft				
Tool Length:	39.00 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			3457.00	
Shut-In Tool	5.00			3462.00	
Hydroic Tool	5.00			3467.00	
Jars	6.00			3473.00	
Safety Joint	2.00			3475.00	
Packer	5.00			3480.00	29.00 Bottom Of Top Packer
Packer	5.00			3485.00	
Perforations	5.00			3490.00	
Recorder	1.00	6748	Inside	3491.00	
Recorder	1.00	8419	Outside	3492.00	
Bullnose	3.00			3495.00	10.00 Bottom Packers & Anchor

Total Tool Length: 39.00



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FLUID SUMMARY

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 Test Start: 2013.02.10 @ 00:00:00

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 7.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	240 Gas in the pipe	0.000
185.00	Clean Gassy Oil Gravity 37 1/2 Corrected	0.910
0.00	15%Gas 85%Oil	0.000
85.00	Heavy oil and gas cut mud	0.965
0.00	5%Gas 35%Oil 60%Mud	0.000
5.00	Slightly oil cut water	0.070
0.00	2% Oil 3%Mud 95%Water chlorides 19,0000	0.000

Total Length: 275.00 ft Total Volume: 1.945 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

