



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

445 Union Building Suite 208Lakewood,
Colorado 80228

ATTN: Jeremy Schwartz

Fisher Farms #1-15

15-25s-14w Stafford

Start Date: 2014.01.10 @ 00:00:00

End Date: 2014.01.10 @ 00:00:00

Job Ticket #: 17113 DST #: 1

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

Printed: 2014.01.11 @ 01:21:21

Shelby Resources LLC

15-25s-14w Stafford

Fisher Farms #1-15

DST # 1

Lansing "H"

2014.01.10



DRILL STEM TEST REPORT

Shelby Resources LLC

15-25s-14w Stafford

445 Union Building Suite 208 Lakewood, Colorado
80228

Fisher Farms #1-15

Job Ticket: 17113

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2014.01.10 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lansing "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3320

Interval: **3842.00 ft (KB) To 3863.00 ft (KB) (TVD)**

Reference Elevations: 1979.00 ft (KB)

Total Depth: 3863.00 ft (KB) (TVD)

1966.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8419 Inside

Press@RunDepth: 1118.82 psia @ 3859.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.11

End Date: 2014.01.11

Last Calib.: 2014.01.11

Start Time: 01:08:47

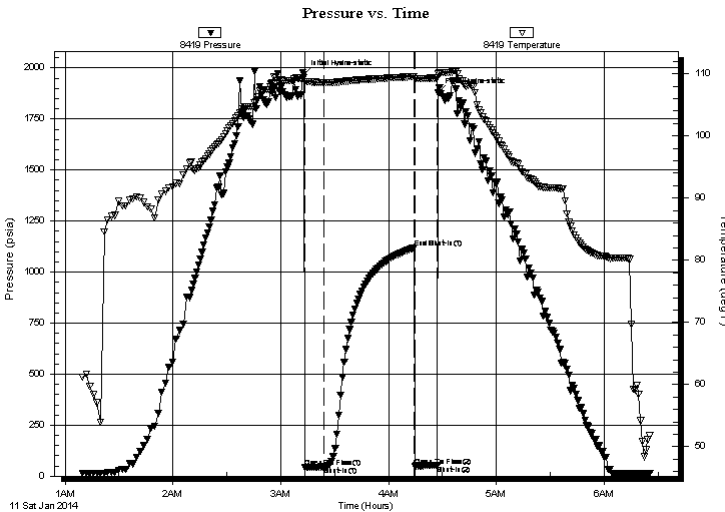
End Time: 06:25:17

Time On Btm: 2014.01.11 @ 03:12:47

Time Off Btm: 2014.01.11 @ 04:27:47

TEST COMMENT: 1st Opening 10 Minutes Very weak surface blow
1st Shut-In 45 Minutes-No blow back
2nd Opening 10 Minutes no blow for 10 minutes pulled the tool-

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1969.18	109.34	Initial Hydro-static
1	41.40	108.78	Open To Flow (1)
11	45.63	108.58	Shut-In(1)
62	1118.82	109.54	End Shut-In(1)
62	49.41	109.15	Open To Flow (2)
75	52.51	109.33	Shut-In(2)
75	1877.97	109.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.02

Gas Rates

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



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Fisher Farms #1-15

Job Ticket: 17113

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2014.01.10 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lansing "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3320

Interval: 3842.00 ft (KB) To 3863.00 ft (KB) (TVD)

Reference Elevations: 1979.00 ft (KB)

Total Depth: 3863.00 ft (KB) (TVD)

1966.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8405 Outside

Press@RunDepth: 1126.09 psia @ 3860.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.11

End Date: 2014.01.11

Last Calib.: 2014.01.11

Start Time: 01:18:31

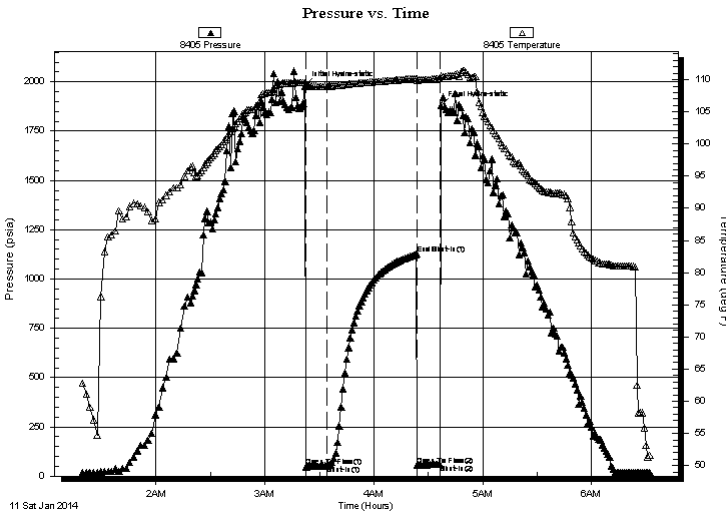
End Time: 06:32:31

Time On Btm: 2014.01.11 @ 03:22:01

Time Off Btm: 2014.01.11 @ 04:37:01

TEST COMMENT: 1st Opening 10 Minutes Very weak surface blow
1st Shut-In 45 Minutes-No blow back
2nd Opening 10 Minutes no blow for 10 minutes pulled the tool-

PRESSURE SUMMARY



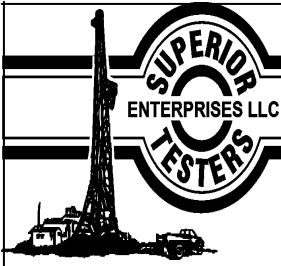
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1978.62	109.53	Initial Hydro-static
1	47.70	109.13	Open To Flow (1)
12	52.94	109.00	Shut-In(1)
62	1126.09	110.20	End Shut-In(1)
62	55.26	109.91	Open To Flow (2)
75	59.16	110.18	Shut-In(2)
75	1878.24	110.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.02

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC

15-25s-14w Stafford

445 Union Building Suite 208 Lakewood, Colorado
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Fisher Farms #1-15

Job Ticket: 17113

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2014.01.10 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3465.00 ft	Diameter: 3.80 inches	Volume: 48.60 bbl	Tool Weight:	9.50 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	57.00 lb
Drill Collar:	Length: 373.00 ft	Diameter: 2.25 inches	Volume: 1.83 bbl	Weight to Pull Loose:	75.00 lb
			<u>Total Volume: 50.43 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	70.00 lb
Depth to Top Packer:	3842.00 ft			Final	70.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 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
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Shut-In Tool	5.00			3819.00	
Hydraulic Tool	5.00			3824.00	
Safety Joint	2.00			3826.00	
Jars	6.00			3832.00	
Packer	5.00			3837.00	28.00 Bottom Of Top Packer
Packer	5.00			3842.00	
Anchor	16.00			3858.00	
Recorder	1.00	8419	Inside	3859.00	
Recorder	1.00	8405	Outside	3860.00	
Bullnose	3.00			3863.00	21.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



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FLUID SUMMARY

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ATTN: Jeremy Schwartz

Test Start: 2014.01.10 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 10.80 in³

Resistivity: ohm.m

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

