DRILL STEM TEST REPORT

Shelby Resources LLC

621 17th STE 1155
Denver Co, 80293+1101

ATTN: Jeremy Schwartz/ Chr

18-18s-14w

Schneider Unit #1-18

Job Ticket: 61861 **DST#: 1**

Test Start: 2016.11.22 @ 12:29:30

GENERAL INFORMATION:

Formation: **LKC 'A-G'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:13:15
Time Test Ended: 19:36:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J. Staab
Unit No: 84

Interval: 3234.00 ft (KB) To 3318.00 ft (KB) (TVD)
Total Depth: 3318.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

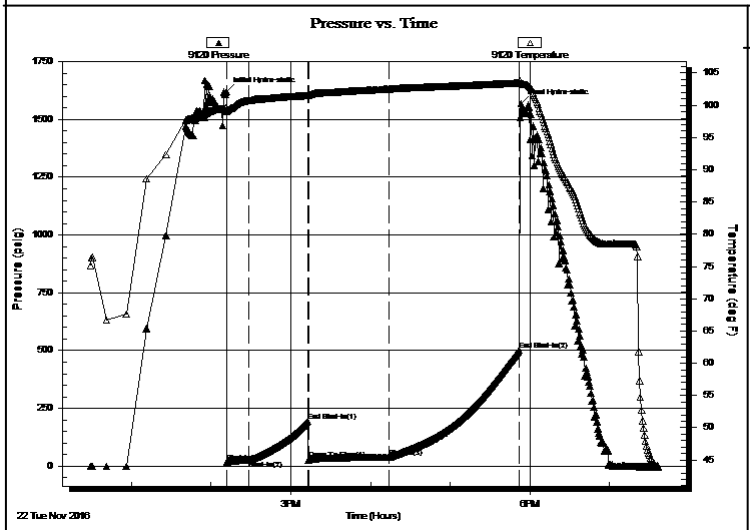
Reference Elevations: 1948.00 ft (KB)
1937.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 9120 **Outside**

Press@RunDepth: 40.07 psig @ 3235.00 ft (KB)
Start Date: 2016.11.22 End Date: 2016.11.22
Start Time: 12:29:30 End Time: 19:36:30

Capacity: 8000.00 psig
Last Calib.: 2016.11.22
Time On Btm: 2016.11.22 @ 14:11:30
Time Off Btm: 2016.11.22 @ 17:53:15

TEST COMMENT: 15-IF-Very Weak Surface Blow ; Built to 1 inch
45-ISI-No Blow Back
60-FF-Fair Blow ; Built to 6 inches
90-FSI-No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1620.95	99.58	Initial Hydro-static
1	18.46	99.06	Shut-In(1)
17	27.57	100.72	Shut-In(2)
62	194.20	101.51	End Shut-In(1)
62	27.73	101.51	Open To Flow (1)
123	40.07	102.53	Shut-In(3)
221	501.12	103.45	End Shut-In(2)
222	1569.73	103.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	OCM 15% O 85% M	0.30

Gas Rates

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

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Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J. Staab
Unit No: 84

Interval: 3234.00 ft (KB) To 3318.00 ft (KB) (TVD)
Total Depth: 3318.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

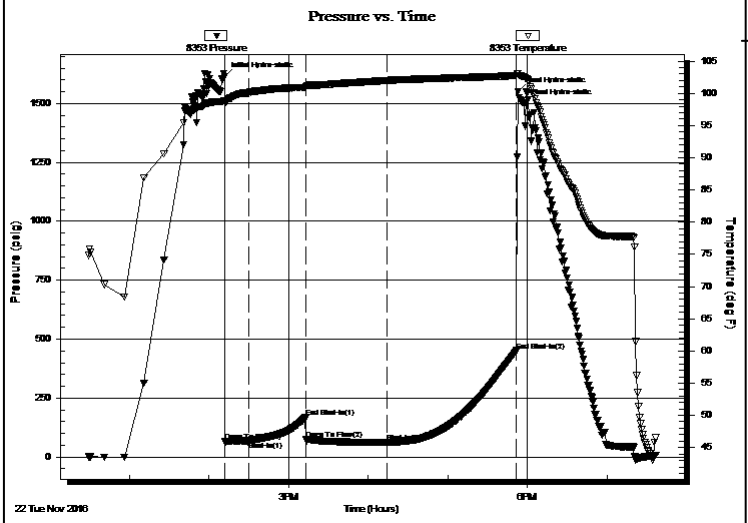
Reference Elevations: 1948.00 ft (KB)
1937.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8353 **Inside**

Press@RunDepth: 450.73 psig @ 3235.00 ft (KB)
Start Date: 2016.11.22 End Date: 2016.11.22
Start Time: 12:29:15 End Time: 19:36:30

Capacity: 8000.00 psig
Last Calib.: 2016.11.22
Time On Btm: 2016.11.22 @ 14:11:45
Time Off Btm: 2016.11.22 @ 17:53:00

TEST COMMENT: 15-IF-Very Weak Surface Blow ; Built to 1 inch
45-ISI-No Blow Back
60-FF-Fair Blow ; Built to 6 inches
90-FSI-No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1613.38	98.91	Initial Hydro-static
1	65.19	98.62	Open To Flow (1)
19	68.00	100.09	Shut-In(1)
61	167.36	100.92	End Shut-In(1)
62	73.95	100.93	Open To Flow (2)
123	61.59	101.99	Shut-In(2)
220	450.73	102.75	End Shut-In(2)
222	1550.49	103.09	Final Hydro-static
226	1498.73	102.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	OCM 15% O 85% M	0.30

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC

621 17th STE 1155
Denver Co, 80293+1101

ATTN: Jeremy Schw artz/ Chr

18-18s-14w

Schneider Unit #1-18

Job Ticket: 61861 **DST#: 1**

Test Start: 2016.11.22 @ 12:29:30

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:	59.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2700.00 ppm				
Filter Cake:	inches				

Recovery Information

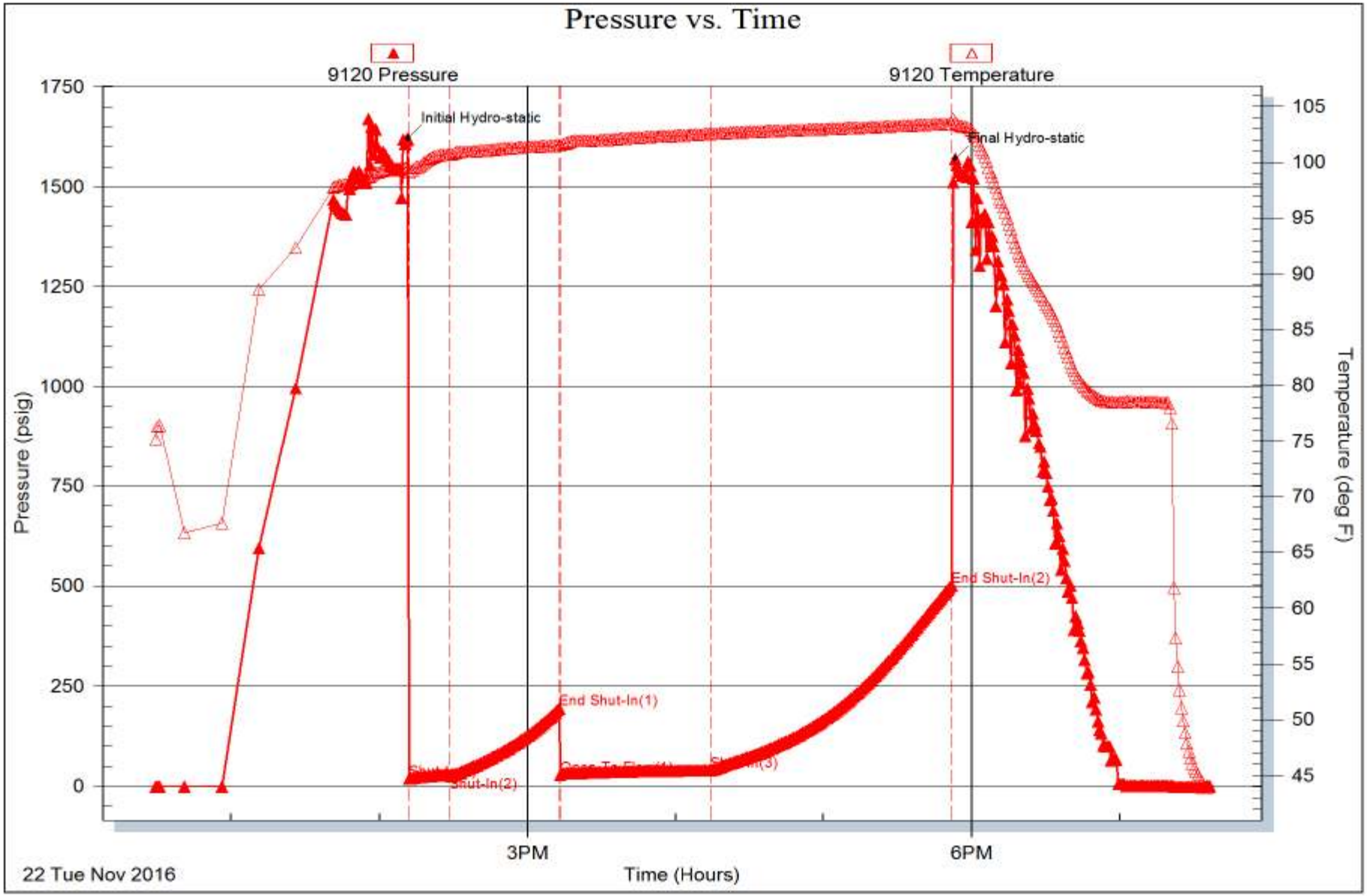
Recovery Table

Length ft	Description	Volume bbl
61.00	OCM 15% O 85% M	0.300

Total Length: 61.00 ft Total Volume: 0.300 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 9120 **Outside** Shelby Resources LLC Schneider Unit #1-18 DST Test Number: 1



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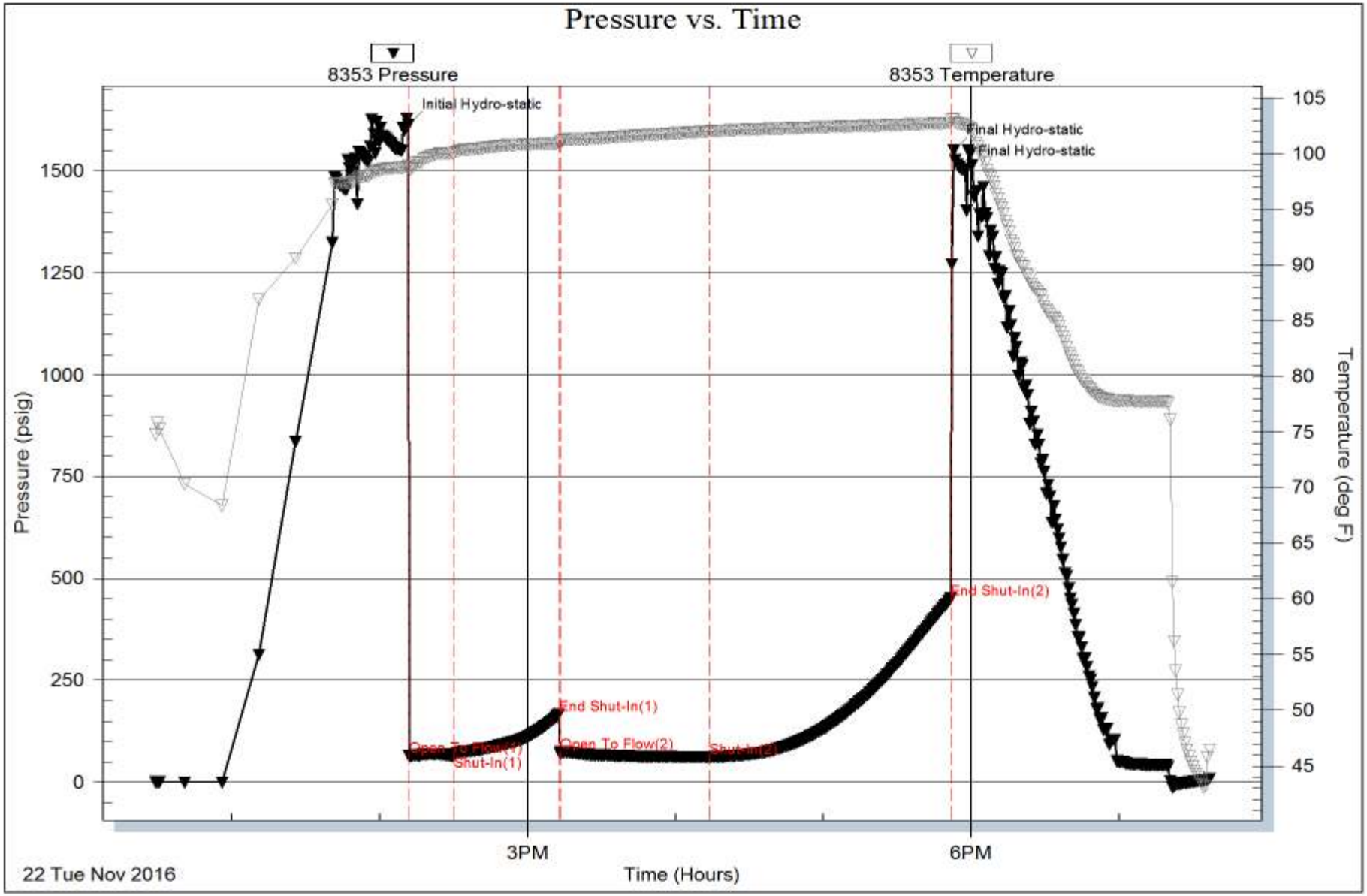
Serial #: 8353 **Inside** Shelby Resources LLC Schneider Unit #1-18 DST Test Number: 1



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