



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Norstar Petroleum Inc
88 -Inverness Cir E. Unit F104
Englewood CO 80112
ATTN: Brad Rine

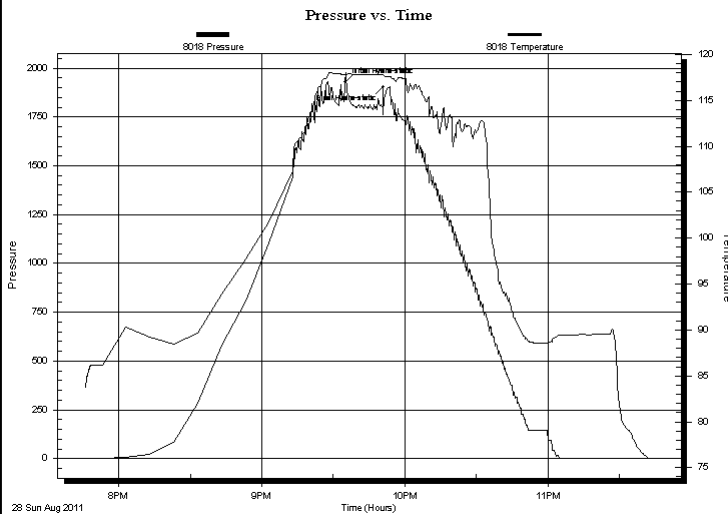
Phillips- Denny #1-4
04-22-23 Hodgeman Co
Job Ticket: 43670 **DST#: 1**
Test Start: 2011.08.28 @ 19:46:00

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended: 23:44:00
Interval: **4503.00 ft (KB) To 4573.00 ft (KB) (TVD)**
Total Depth: 4700.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Straddle
Tester: Will MacLean
Unit No: 37
Reference Elevations: 2307.00 ft (KB)
2302.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8018 Inside
Press @ Run Depth: psig @ 4513.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.28 End Date: 2011.08.28 Last Calib.: 2011.08.29
Start Time: 19:46:02 End Time: 23:44:00 Time On Btm: 2011.08.28 @ 21:35:00
Time Off Btm: 2011.08.28 @ 21:50:50

TEST COMMENT: Mis-run -- Hlt Bridge 8 Stands From Bottom Couldn't Get Through It



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1927.86	117.86	Initial Hydro-static
16	1903.97	117.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



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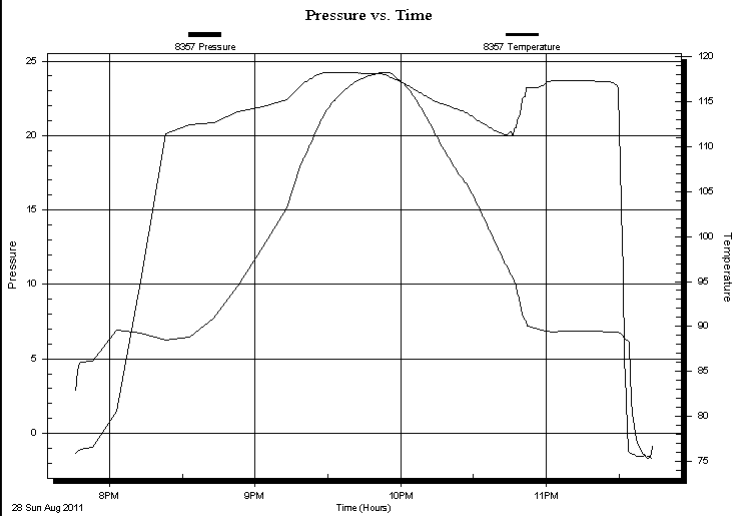
Phillips- Denny #1-4
04-22-23 Hodgeman Co
 Job Ticket: 43670 **DST#: 1**
 Test Start: 2011.08.28 @ 19:46:00

GENERAL INFORMATION:

Formation: **Cherokee**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Straddle
 Time Tool Opened:
 Tester: Will MacLean
 Time Test Ended: 23:44:00 Unit No: 37
 Interval: **4503.00 ft (KB) To 4573.00 ft (KB) (TVD)** Reference Elevations: 2307.00 ft (KB)
 Total Depth: 4700.00 ft (KB) (TVD) 2302.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 5.00 ft

Serial #: 8357 Below (Straddle)
 Press @ Run Depth: psig @ 4576.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.28 End Date: 2011.08.28 Last Calib.: 2011.08.29
 Start Time: 19:46:05 End Time: 23:43:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: Mis-run -- Hlt Bridge 8 Stands From Bottom Couldn't Get Through It



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum Inc
88 -Inverness Cir E. Unit F104
Englewood CO 80112
ATTN: Brad Rine

Phillips- Denny #1-4
04-22-23 Hodgeman Co
Job Ticket: 43670 **DST#: 1**
Test Start: 2011.08.28 @ 19:46:00

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: 15.93 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7400.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

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

