



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Oper Co LLC
 125 N Market Suite 1000
 Wichita Ks 67202
 ATTN: Scott Alberg

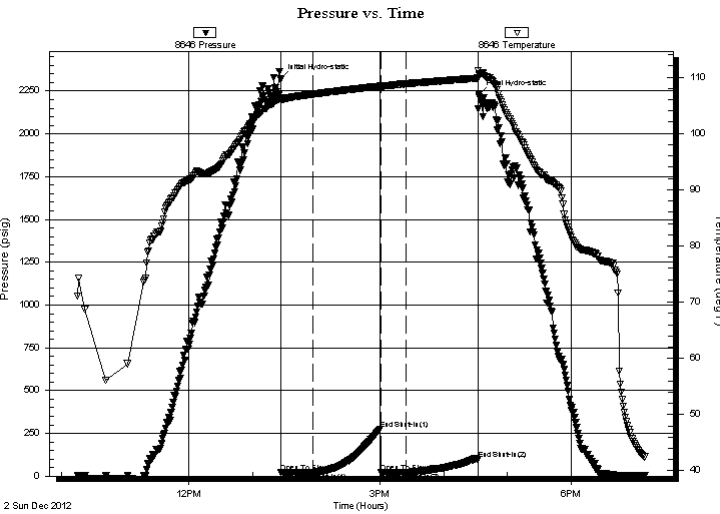
20-20s-35w
Brack #2
 Job Ticket: 51314 **DST#: 2**
 Test Start: 2012.12.02 @ 10:15:15

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:27:00
 Time Test Ended: 19:10:00
 Interval: **4639.00 ft (KB) To 4694.00 ft (KB) (TVD)**
 Total Depth: 4694.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3195.00 ft (KB)
 3184.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8646 **Inside**
 Press @ Run Depth: 21.83 psig @ 4640.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.12.02 End Date: 2012.12.02 Last Calib.: 2012.12.02
 Start Time: 10:15:15 End Time: 19:10:00 Time On Btm: 2012.12.02 @ 13:26:15
 Time Off Btm: 2012.12.02 @ 16:33:30

TEST COMMENT: IF:Weak blow that died in 14 min
 IS:No return blow
 FF:No blow
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2320.32	106.37	Initial Hydro-static
1	20.41	105.93	Open To Flow (1)
31	20.78	106.97	Shut-In(1)
94	275.83	108.40	End Shut-In(1)
95	21.14	108.28	Open To Flow (2)
119	21.83	108.83	Shut-In(2)
186	99.09	109.82	End Shut-In(2)
188	2227.75	110.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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20-20s-35w

125 N Market Suite 1000
Wichita Ks 67202

Brack #2

Job Ticket: 51314

DST#: 2

ATTN: Scott Alberg

Test Start: 2012.12.02 @ 10:15:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100% m	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:

Serial #: 8646

Inside

Woodsey Oper Co LLC

Brack #2

DST Test Number: 2

