



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco, LLC

PO Box 20380
Wichita Ks 67208

ATTN: Bryan Bynog

Benson #9

15-9s-21wGrahamKs

Job Ticket: 40345

DST#: 3

Test Start: 2010.09.08 @ 20:51:43

GENERAL INFORMATION:

Formation: **Arb.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:07:43

Time Test Ended: 05:40:13

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3643.00 ft (KB) To 3685.00 ft (KB) (TVD)

Reference Elevations: 2247.00 ft (KB)

Total Depth: 3685.00 ft (KB) (TVD)

2237.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 8319

Inside

Press @ Run Depth: 1042.13 psig @ 3644.01 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.08

End Date:

2010.09.09

Last Calib.:

2010.09.09

Start Time: 20:51:48

End Time:

05:40:13

Time On Btm:

2010.09.08 @ 23:05:43

Time Off Btm:

2010.09.09 @ 02:25:43

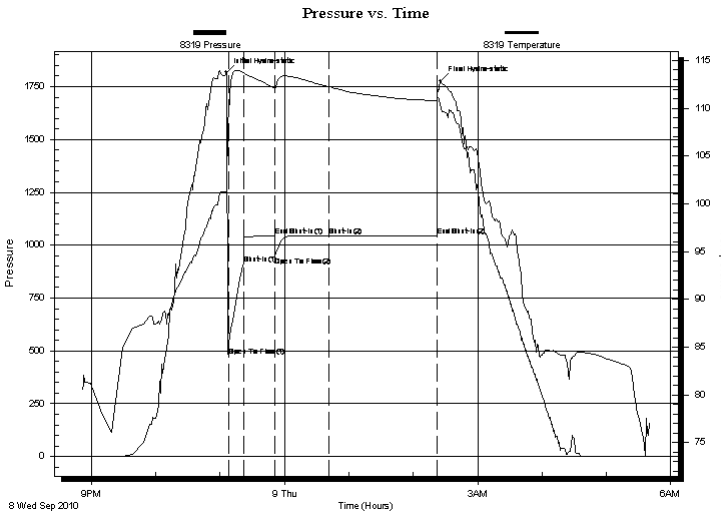
TEST COMMENT: IF-BOB in30sec

ISI-No blow

FF-BOB in30sec died back to 3in

FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1818.27	101.20	Initial Hydro-static
2	477.43	109.19	Open To Flow (1)
16	910.04	113.77	Shut-In(1)
45	1041.89	112.08	End Shut-In(1)
46	943.43	111.99	Open To Flow (2)
96	1042.13	112.27	Shut-In(2)
196	1042.16	110.79	End Shut-In(2)
200	1777.67	110.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1160.00	oilspotted water	10.37
240.00	SOCW 10%O 90%W	2.60
180.00	SOMCW 10%O 80%W 10%M	1.95
120.00	SOMCW 10%O 70%W 20%M	1.30
480.00	OWCM 10%O 35%W 55%M	5.20
210.00	V/SOWCM 5%O 5%W 90%M	2.28

Gas Rates

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



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FLUID SUMMARY

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DST#: 3

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Test Start: 2010.09.08 @ 20:51:43

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:

60000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1160.00	oilspotted w ater	10.369
240.00	SOCW 10%O 90%W	2.601
180.00	SOMCW 10%O 80%W 10%M	1.951
120.00	SOMCW 10%O 70%W 20%M	1.300
480.00	OWCM 10%O 35%W 55%M	5.202
210.00	VSOWCM 5%O 5%W 90%M	2.276

Total Length: 2390.00 ft

Total Volume: 23.699 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

