



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Bob Schreiber

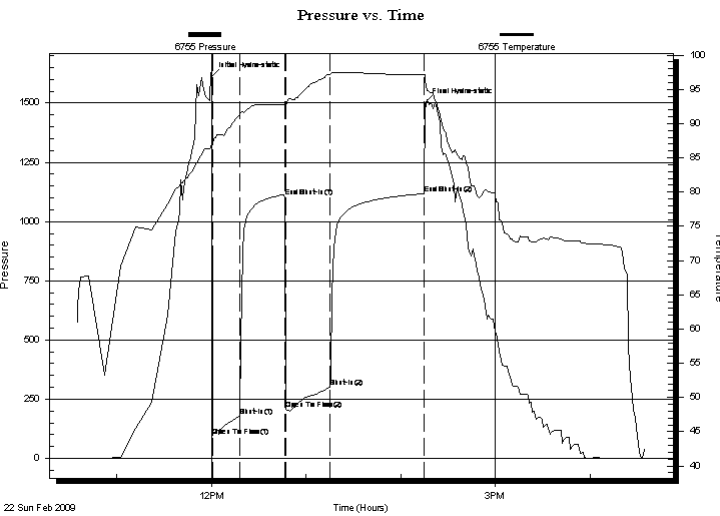
Schaffer #3
36-16s-15w Barton KS
 Job Ticket: 36095 **DST#: 2**
 Test Start: 2009.02.22 @ 10:35:07

GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:00:37
 Time Test Ended: 16:34:37
 Interval: **3186.00 ft (KB) To 3270.00 ft (KB) (TVD)**
 Total Depth: 3270.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Reference Elevations: 1997.00 ft (KB)
 1992.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6755 Inside
 Press @ Run Depth: 300.52 psig @ 3189.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2009.02.22 End Date: 2009.02.22 Last Calib.: 2009.02.22
 Start Time: 10:35:09 End Time: 16:34:37 Time On Btm: 2009.02.22 @ 12:00:07
 Time Off Btm: 2009.02.22 @ 14:15:07

TEST COMMENT: IFP-Strong, BOB in 1 Min.
 ISI-Blow back Built to 5-1/2"
 FFP-Strong, BOB in 1-1/2 Min, Gas To Surface in 20 Min.
 FSI-Blow back BOB in 10 Min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.30	87.03	Initial Hydro-static
1	95.21	86.95	Open To Flow (1)
18	177.73	91.30	Shut-In(1)
47	1105.93	92.77	End Shut-In(1)
47	207.60	92.56	Open To Flow (2)
75	300.52	97.19	Shut-In(2)
135	1117.48	97.10	End Shut-In(2)
135	1499.98	97.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
480.00	Gassy MWCO-25%G-60%O-10%W-5%M	4.49
155.00	Gassy HOCM-25%G-50%O-25%M	2.17

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 48 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 35000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.96 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6800.00 ppm		
Filter Cake: 0.06 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
480.00	GassyMWCO-25%G-60%O-10%W-5%M	4.492
155.00	GassyHOCM-25%G-50%O-25%M	2.174

Total Length: 635.00 ft Total Volume: 6.666 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW .329 @ 50F 35000

