



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Beren Corporation
P.O. Box 20380
Wichita, KS 67208-1380
ATTN: Jim Hickman

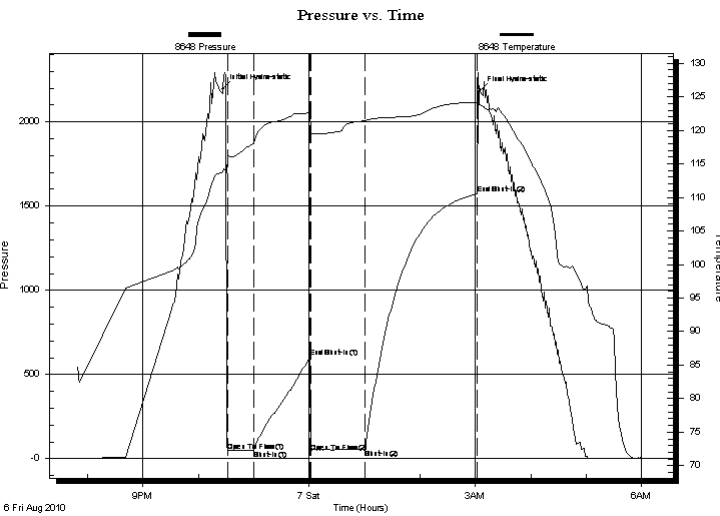
DEAN #5
35-33s-11w-BA-KS
Job Ticket: 38781 **DST#: 2**
Test Start: 2010.08.06 @ 19:49:00

GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:31:50
Time Test Ended: 06:04:19
Interval: **4585.00 ft (KB) To 4645.00 ft (KB) (TVD)**
Total Depth: 4645.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43
Reference Elevations: 1457.00 ft (KB)
1445.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8648 Inside
Press @ Run Depth: 55.43 psig @ 4587.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.08.06 End Date: 2010.08.07 Last Calib.: 2010.08.07
Start Time: 19:49:05 End Time: 06:04:20 Time On Btm: 2010.08.06 @ 22:26:30
Time Off Btm: 2010.08.07 @ 03:04:50

TEST COMMENT: IF: Strong blow , BOB 1 minute.
IS: Bled off, no blow back.
FF: Strong blow , BOB immediately, GTS 55 minutes, TSTM.
FS: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2196.87	113.88	Initial Hydro-static
6	46.36	116.07	Open To Flow (1)
34	49.86	118.01	Shut-In(1)
95	604.00	122.71	End Shut-In(1)
95	35.87	120.03	Open To Flow (2)
154	55.43	121.45	Shut-In(2)
276	1571.70	124.19	End Shut-In(2)
279	2183.16	123.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	SGCM 5%g 95%m	0.47
0.00	GTS TSTM	0.00

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:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	SGCM 5%g 95%m	0.467
0.00	GTS TSTM	0.000

Total Length: 95.00 ft Total Volume: 0.467 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

