



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

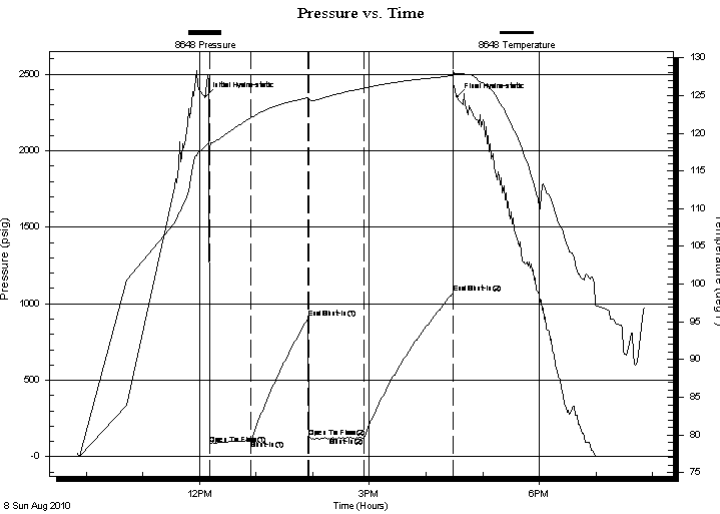
DEAN #5
35-33s-11w-BA-KS
Job Ticket: 38782 **DST#: 3**
Test Start: 2010.08.08 @ 09:51:00

GENERAL INFORMATION:

Formation: **MISENER SAND**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:10:40
Time Test Ended: 19:51:30
Interval: **4790.00 ft (KB) To 4930.00 ft (KB) (TVD)**
Total Depth: 4930.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 1457.00 ft (KB)
1445.00 ft (CF)
KB to GR/CF: 12.00 ft
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43

Serial #: 8648 **Inside**
Press @ Run Depth: 124.72 psig @ 4793.00 ft (KB)
Start Date: 2010.08.08 End Date: 2010.08.08
Start Time: 09:51:05 End Time: 19:51:30
Capacity: 8000.00 psig
Last Calib.: 2010.08.08
Time On Btm: 2010.08.08 @ 12:06:40
Time Off Btm: 2010.08.08 @ 16:33:09

TEST COMMENT: IF: Fairly strong blow, BOB 19 minutes.
IS: Bled off, no blow back.
FF: Strong blow, BOB 5 seconds, No GTS.
FS: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2353.51	118.30	Initial Hydro-static
4	82.25	117.94	Open To Flow (1)
48	106.38	122.05	Shut-In(1)
109	909.68	124.72	End Shut-In(1)
110	126.92	124.55	Open To Flow (2)
168	124.72	125.96	Shut-In(2)
262	1068.65	127.63	End Shut-In(2)
267	2350.75	127.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
230.00	GCM 20%g 80%m	1.13
0.00	2800' Gas In Pipe	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
230.00	GCM 20%g 80%m	1.131
0.00	2800' Gas In Pipe	0.000

Total Length: 230.00 ft Total Volume: 1.131 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

