



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt Inc
 PO Box 47
 Great Bend KS 67530-0047
 ATTN: Dave Goldak

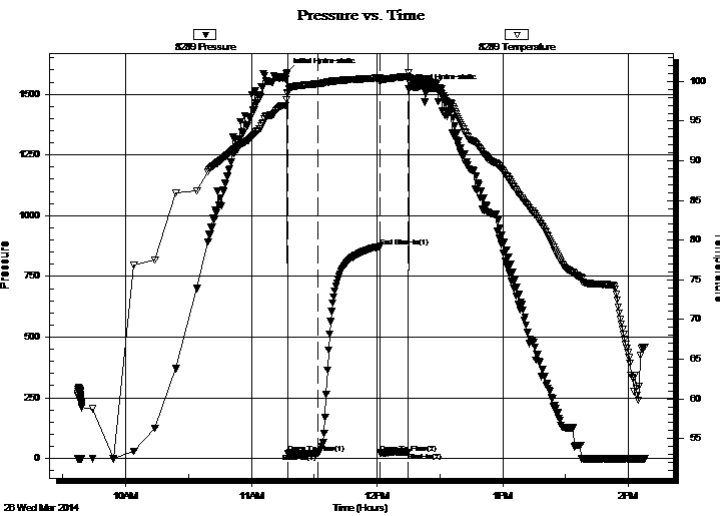
33 6s 19w Rooks
Bentz-Griebel 1-33
 Job Ticket: 56023 **DST#: 2**
 Test Start: 2014.03.26 @ 09:37:00

GENERAL INFORMATION:

Formation: **Oread**
 Deviated: No Whipstock: 2108.00 ft (KB)
 Time Tool Opened: 11:17:15
 Time Test Ended: 14:08:00
 Interval: **3262.00 ft (KB) To 3273.00 ft (KB) (TVD)**
 Total Depth: 3273.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2108.00 ft (KB)
 2103.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8289 Outside
 Press@RunDepth: 20.02 psig @ 3263.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.26 End Date: 2014.03.26 Last Calib.: 2014.03.26
 Start Time: 09:37:02 End Time: 14:08:00 Time On Btm: 2014.03.26 @ 11:17:00
 Time Off Btm: 2014.03.26 @ 12:15:00

TEST COMMENT: 15-IFP- Surface Blow Building to 1/2in.
 30-ISIP- No Blow
 12-FFP- No Blow
 Pulled



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1590.12	98.52	Initial Hydro-static
1	20.64	98.50	Open To Flow (1)
15	20.02	99.70	Shut-In(1)
45	873.27	100.44	End Shut-In(1)
45	22.80	99.94	Open To Flow (2)
58	24.63	100.63	Shut-In(2)
58	1522.94	101.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%	0.01

* Recovery from multiple tests

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud 100%	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

