



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC  
2020 N. Bramblewood  
Wichita Ks 67206  
ATTN:

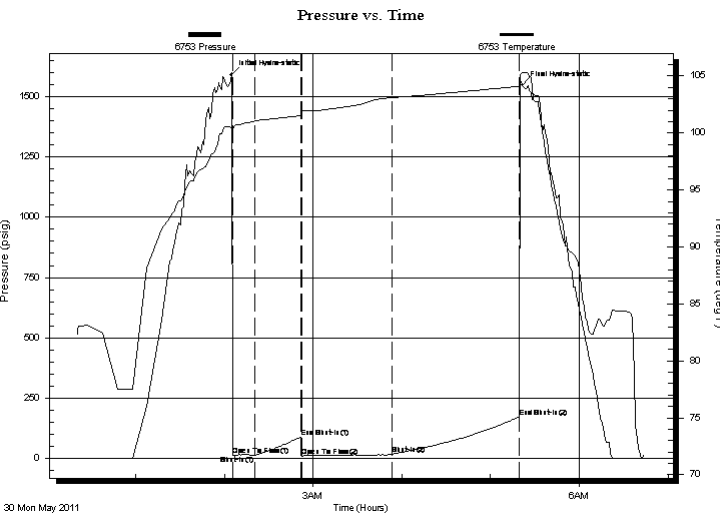
**Morgan Z1**  
**22-16-12w, Barton, Ks**  
Job Ticket: 34330 **DST#: 5**  
Test Start: 2011.05.30 @ 00:20:42

## GENERAL INFORMATION:

Formation: **KC "I,J"**  
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole  
Time Tool Opened: 02:05:42 Tester: Brett Dickinson  
Time Test Ended: 06:44:12 Unit No: 47  
**Interval: 3250.00 ft (KB) To 3286.00 ft (KB) (TVD)** Reference Elevations: 1927.00 ft (KB)  
Total Depth: 3286.00 ft (KB) (TVD) 1919.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

**Serial #: 6753 Inside**  
Press @ Run Depth: 18.84 psig @ 3255.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.05.30 End Date: 2011.05.30 Last Calib.: 2011.05.30  
Start Time: 00:20:47 End Time: 06:44:11 Time On Btm: 2011.05.30 @ 02:04:42  
Time Off Btm: 2011.05.30 @ 05:21:42

TEST COMMENT: IF-1in blow  
ISI-No blow  
FF-3in blow  
FSI-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1589.14	100.50	Initial Hydro-static
1	13.89	100.28	Open To Flow (1)
16	13.95	101.05	Shut-In(1)
47	90.51	101.52	End Shut-In(1)
48	11.90	101.88	Open To Flow (2)
109	18.84	103.11	Shut-In(2)
195	173.47	104.10	End Shut-In(2)
197	1546.45	105.32	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	SOCM 15%O 85%M	0.28

## Gas Rates

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



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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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	SOCM 15%O 85%M	0.281

Total Length: 20.00 ft      Total Volume: 0.281 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

### Pressure vs. Time

