



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

DNOC
P.O. Box 372
Hays, Ks 67601
ATTN: Marc Downing

IFS Unit 1-19
19/20S/20W-Pawnee
Job Ticket: 41843 **DST#: 1**
Test Start: 2011.02.24 @ 21:34:10

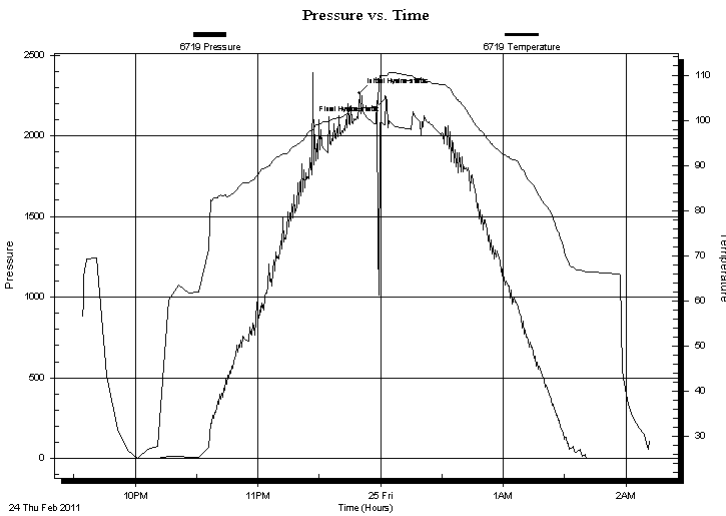
GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended: 02:11:40
Interval: **4326.00 ft (KB) To 4368.00 ft (KB) (TVD)**
Total Depth: 4368.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole
Tester: Dustin Rash
Unit No: 47
Reference Elevations: 2219.00 ft (KB)
2213.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6719

Press @ Run Depth: psig @ ft (KB) Capacity: 8000.00 psig
Start Date: 2011.02.24 End Date: 2011.02.25 Last Calib.: 2011.02.25
Start Time: 21:34:15 End Time: 02:11:39 Time On Btm: 2011.02.24 @ 23:49:40
Time Off Btm: 2011.02.25 @ 00:02:40

TEST COMMENT: IF-Misrun.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2264.16	102.21	Initial Hydro-static
13	2238.00	109.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

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: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

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

