

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Grand Mesa Operating Co

Janova #1-27

1700 N Waterfront PKWY
BLDG 600
Wichita, KS 67206
ATTN: Bob

27-12-32 Logan, KS

Job Ticket: 039663

DST#: 1

Test Start: 2010.09.27 @ 10:21:10

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:26:55

Time Test Ended: 18:55:40

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4578.00 ft (KB) To 4620.00 ft (KB) (TVD)**

Total Depth: 4620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3012.00 ft (KB)

3007.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **6667**

Inside

Press@RunDepth: 443.11 psig @ 4579.00 ft (KB)

Start Date: 2010.09.27

End Date:

2010.09.27

Capacity: 8000.00 psig

Last Calib.: 2010.09.27

Start Time: 10:21:10

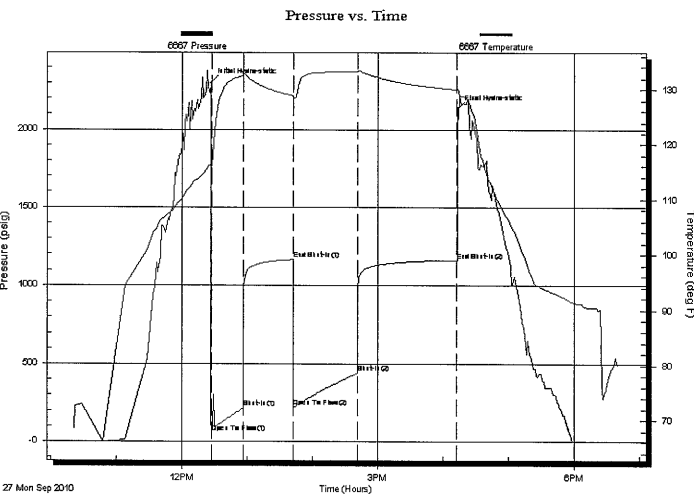
End Time:

18:40:40

Time On Btm: 2010.09.27 @ 12:26:25

Time Off Btm: 2010.09.27 @ 16:13:10

TEST COMMENT: B.O.B. in 12 min (8' of fill on bottom)
1/4" in return died in 15 min
B.O.B. in 15 1/2 min
No return



PRESSURE SUMMARY

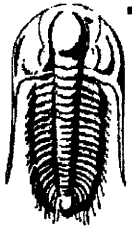
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2298.35	116.48	Initial Hydro-static
1	58.83	116.30	Open To Flow (1)
30	214.74	132.45	Shut-In(1)
76	1163.15	128.84	End Shut-In(1)
76	222.83	128.47	Open To Flow (2)
135	443.11	133.09	Shut-In(2)
226	1162.52	130.02	End Shut-In(2)
227	2132.84	130.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
744.00	water w/oil scum 100w	9.34
185.00	m c w trace of oil 40m 60w	2.60
1.00	free oil 100o	0.01

Gas Rates

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



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FLUID SUMMARY

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1700 N Waterfront PKWY
BLDG 600
Wichita, KS 67206
ATTN: Bob

Janova #1-27
27-12-32 Logan,KS
Job Ticket: 039663 **DST#: 1**
Test Start: 2010.09.27 @ 10:21:10

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 38500 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.19 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
744.00	w ater w /oil scum 100w	9.343
185.00	m c w trace of oil 40m 60w	2.595
1.00	free oil 100o	0.014

Total Length: 930.00 ft Total Volume: 11.952 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: rw .159 @ 83*f=38,500 chlor

Pressure vs. Time

