



DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas Inc.**

125 N. Market, Ste. 1230
Wichita Ks. 67202

ATTN: David Goldak

17-22s-8w Reno Ks.

Diana #1

Start Date: 2011.08.22 @ 00:18:29

End Date: 2011.08.22 @ 06:32:29

Job Ticket #: 43960 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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125 N. Market, Ste. 1230
Wichita Ks. 67202
ATTN: David Goldak

Diana #1
17-22s-8w Reno Ks.
Job Ticket: 43960 **DST#: 3**
Test Start: 2011.08.22 @ 00:18:29

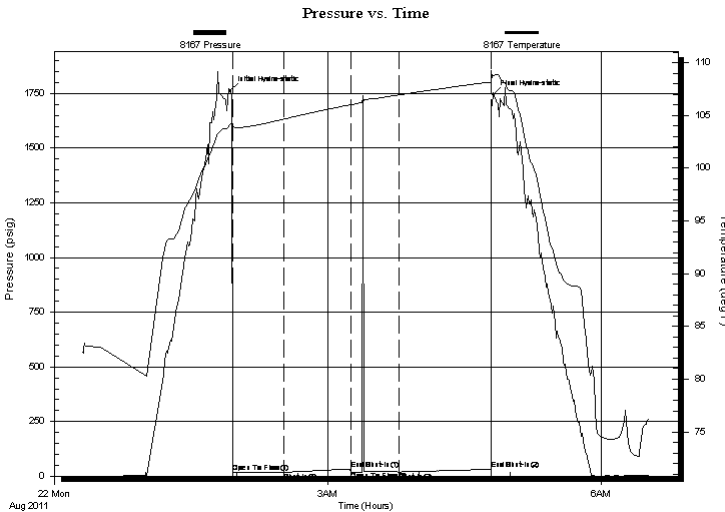
GENERAL INFORMATION:

Formation: **Conglomerate**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:57:14
Time Test Ended: 06:32:29
Interval: **3564.00 ft (KB) To 3582.00 ft (KB) (TVD)**
Total Depth: 3582.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Reference Elevations: 1705.00 ft (KB)
1698.00 ft (CF)
KB to GR/CF: 7.00 ft
Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 56

Serial #: 8167 Inside
Press @ Run Depth: 19.47 psig @ 3565.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.22 End Date: 2011.08.22 Last Calib.: 2011.08.22
Start Time: 00:18:34 End Time: 06:32:28 Time On Btm: 2011.08.22 @ 01:55:44
Time Off Btm: 2011.08.22 @ 04:48:59

TEST COMMENT: IF:Weak blow . (surface) Dead in 2 mins.
IS:No blow .
FF:No blow . Flushed tool 10 mins. in to FFP.
FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1760.76	104.17	Initial Hydro-static
2	18.88	103.70	Open To Flow (1)
36	17.95	104.67	Shut-In(1)
80	32.85	106.03	End Shut-In(1)
80	19.97	106.04	Open To Flow (2)
111	19.47	106.95	Shut-In(2)
172	31.08	108.19	End Shut-In(2)
174	1744.92	108.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Drig.mud	0.04

Gas Rates

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



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TOOL DIAGRAM

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Job Ticket: 43960 **DST#: 3**
Test Start: 2011.08.22 @ 00:18:29

Tool Information

Drill Pipe:	Length: 3567.00 ft	Diameter: 3.80 inches	Volume: 50.04 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 50.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3564.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			3537.00	
Shut in tool	5.00			3542.00	
HMV	5.00			3547.00	
Jars	5.00			3552.00	
Safety Joint	3.00			3555.00	
Packer	4.00			3559.00	28.00 Bottom Of Top Packer
Packer	5.00			3564.00	
Stubb	1.00			3565.00	
Recorder	0.00	8167	Inside	3565.00	
Recorder	0.00	8370	Outside	3565.00	
Perforations	12.00			3577.00	
Bullnose	5.00			3582.00	18.00 Bottom Packers & Anchor

Total Tool Length: 46.00



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FLUID SUMMARY

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DST#: 3

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Test Start: 2011.08.22 @ 00:18:29

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:

13500 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 14.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 13500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
3.00	Drilg.mud	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

