



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Novy Oil & Gas inc.  
 125 N. Market  
 STE 1230  
 Wichita Ks. 67202+1712  
 ATTN: Dave Goldak

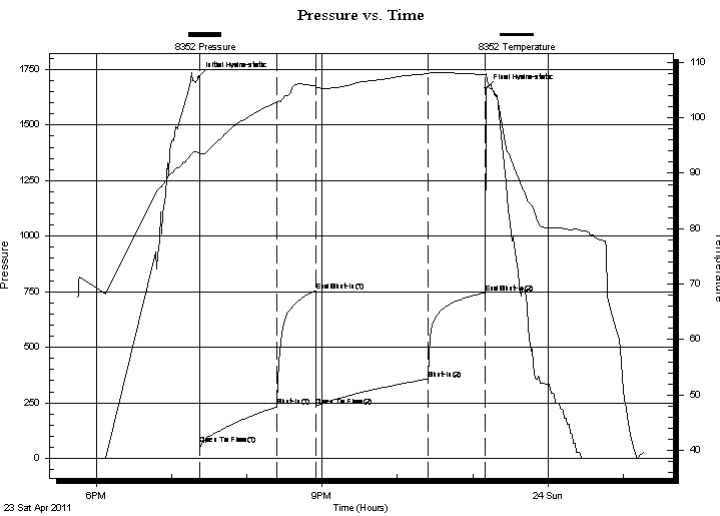
**Coddington #12**  
**34-9s-20w Rooks**  
 Job Ticket: 041813 **DST#: 1**  
 Test Start: 2011.04.23 @ 17:45:05

## GENERAL INFORMATION:

Formation: **Lans. "C-G"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 19:22:40  
 Time Test Ended: 01:17:29  
 Interval: **3544.00 ft (KB) To 3621.00 ft (KB) (TVD)**  
 Total Depth: 3621.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole  
 Tester: Andy Carreira  
 Unit No: 39  
 Reference Elevations: 2270.00 ft (KB)  
 2263.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 8352 Inside**  
 Press @ Run Depth: 358.55 psig @ 3551.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.04.23 End Date: 2011.04.24 Last Calib.: 2011.04.24  
 Start Time: 17:45:05 End Time: 01:17:29 Time On Btm: 2011.04.23 @ 19:21:50  
 Time Off Btm: 2011.04.23 @ 23:10:29

**TEST COMMENT:** IF: BOB, 7 min. decreased to 10 inches in 50 min.  
 IS: No Return  
 FF: Fair, 5.5 inches in 30 min. decreased to 4 inches  
 FS: No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1717.19	93.76	Initial Hydro-static
1	63.45	93.45	Open To Flow (1)
63	235.14	102.87	Shut-In(1)
93	753.82	105.76	End Shut-In(1)
94	237.15	105.53	Open To Flow (2)
183	358.55	107.98	Shut-In(2)
228	744.14	107.82	End Shut-In(2)
229	1664.98	107.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	W w =100%	1.74
186.00	GOCMW g=5% o=5% m=20% w =70%	2.61
340.00	GOCWM g=10% o=10% w =30% m=50%	4.77
20.00	GCO g=10% o=90%	0.28
0.00	GIP= 120ft	0.00

## Gas Rates

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



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**FLUID SUMMARY**

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**34-9s-20w Rooks**

Job Ticket: 041813

**DST#: 1**

Test Start: 2011.04.23 @ 17:45:05

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 50.00 sec/qt  
Water Loss: 8.80 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 2000.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 34 deg API  
Water Salinity: 152000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	W w =100%	1.739
186.00	GOCMW g=5% o=5% m=20% w =70%	2.609
340.00	GOCWM g=10% o=10% w =30% m=50%	4.769
20.00	GCO g=10% o=90%	0.281
0.00	GIP= 120ft	0.000

Total Length: 670.00 ft      Total Volume: 9.398 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

