



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Novy Oil & Gas INC
125 N Market STE 1230
Wichita KS 67202
ATTN: Michael Novy

Ravenstein #1
15-29s-6w
Job Ticket: 42526 **DST#: 3**
Test Start: 2011.06.30 @ 12:24:35

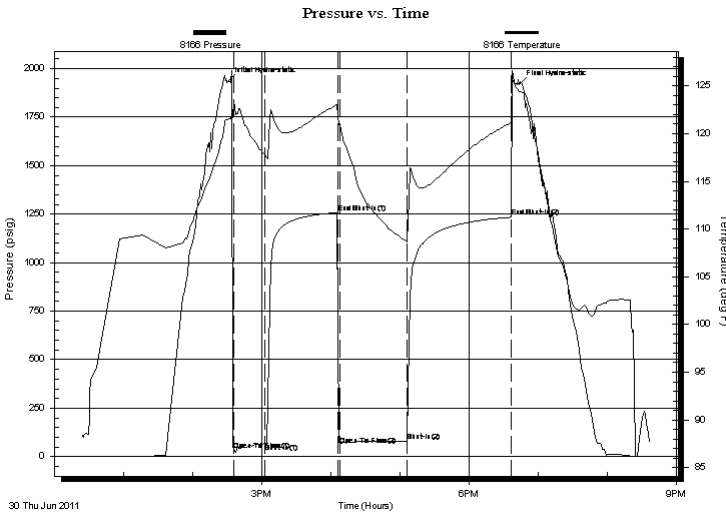
GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:35:50
Time Test Ended: 20:36:50
Interval: 4047.00 ft (KB) To 4056.00 ft (KB) (TVD)
Total Depth: 3650.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1528.00 ft (KB)
1518.00 ft (CF)
KB to GR/CF: 10.00 ft
Test Type: Conventional Bottom Hole
Tester: Chris Staats
Unit No: 34

Serial #: 8166 Outside
Press @ Run Depth: 79.82 psig @ 4048.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.30 End Date: 2011.06.30 Last Calib.: 2011.06.30
Start Time: 12:24:40 End Time: 20:36:49 Time On Btm: 2011.06.30 @ 14:30:35
Time Off Btm: 2011.06.30 @ 18:43:50

TEST COMMENT: IF: Strong blow BOB 10 sec GTS 10 min [see gas report]
IS: No blow back
FF: Strong blow BOB 2 sec { see gas flow report}
FSI No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1932.12	121.49	Initial Hydro-static
6	33.13	123.37	Open To Flow (1)
33	68.59	117.73	Shut-In(1)
96	1257.84	123.06	End Shut-In(1)
97	58.01	121.05	Open To Flow (2)
156	79.82	108.68	Shut-In(2)
246	1234.06	121.16	End Shut-In(2)
254	1919.01	124.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4019 GIP	0.00
140.00	M,W 20% mud 80% water	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	21.00	56.16
Max. Gas Rate	0.25	24.00	60.92



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FLUID SUMMARY

Novy Oil & Gas INC

Ravenstein #1

125 N Market STE 1230
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15-29s-6w

Job Ticket: 42526

DST#: 3

ATTN: Michael Novy

Test Start: 2011.06.30 @ 12:24:35

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4019 GIP	0.000
140.00	M,W 20% mud 80% water	0.843

Total Length: 140.00 ft

Total Volume: 0.843 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: 3

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



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GAS RATES

Novy Oil & Gas INC

Ravenstein #1

125 N Market STE 1230
Wichita KS 67202

15-29s-6w

Job Ticket: 42526

DST#: 3

ATTN: Michael Novy

Test Start: 2011.06.30 @ 12:24:35

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	15	0.25	3.00	27.60
1	20	0.25	10.00	38.71
1	30	0.25	16.00	48.23
2	5	0.25	24.00	60.92
2	15	0.25	20.00	54.57
2	30	0.25	21.00	56.16
2	45	0.25	21.00	56.16
2	60	0.25	21.00	56.16

Pressure vs. Time

