



**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

Test Type: Conventional Bottom Hole

Tester: Andy Carreira

Unit No: 39

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

Reference Elevations: 2270.00 ft (KB)

2263.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8352 Inside

Press@RunDepth: 358.55 psig @ 3551.00 ft (KB)

Start Date: 2011.04.23 End Date: 2011.04.24

Start Time: 17:45:05 End Time: 01:17:29

Capacity: 8000.00 psig

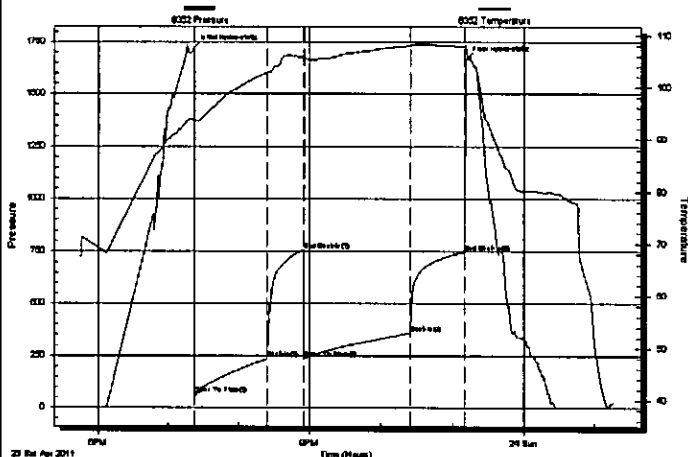
Last Calib.: 2011.04.24

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 vs. Time



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 (MMc/d)
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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 in³

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:

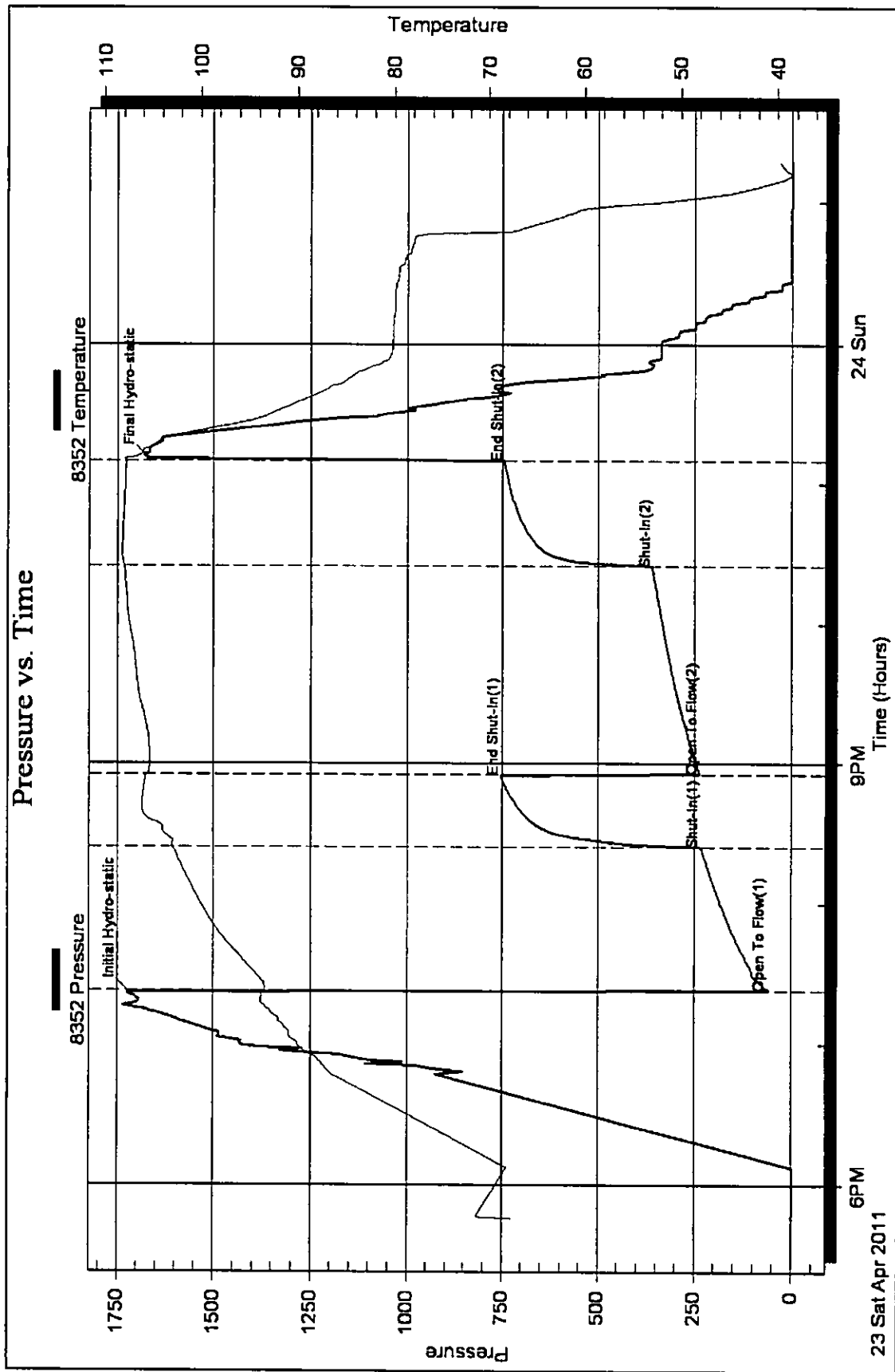
Serial #: 8352

Inside

Navy Oil & Gas inc.

34-95-20w Rocks

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 041813

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Novy Oil & Gas inc.

125 N. Market
STE 1230
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ATTN: Dave Goldak

Coddington #12

34-9s-20w Rooks

Job Ticket: 041814 **DST#: 2**

Test Start: 2011.04.24 @ 20:13:05

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:40:10

Time Test Ended: 03:53:39

Test Type: Conventional Bottom Hole

Tester: Andy Carreira

Unit No: 39

Interval: **3822.00 ft (KB) To 3826.00 ft (KB) (TVD)**

Total Depth: 3826.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2270.00 ft (KB)

2263.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8352 Outside

Press@RunDepth: 298.62 psig @ 3823.00 ft (KB)

Start Date: 2011.04.24 End Date: 2011.04.25

Start Time: 20:13:05 End Time: 03:53:40

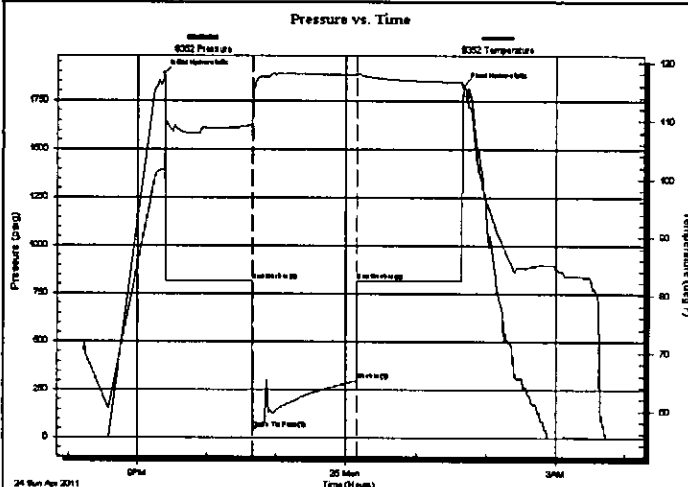
Capacity: 8000.00 psig

Last Calib.: 2011.04.25

Time On Btmr: 2011.04.24 @ 21:23:00

Time Off Btmr: 2011.04.25 @ 01:40:30

TEST COMMENT: IF: Died in 9 min.
IS: No Return
FF: BOB, 15 min. Slowly decreased to 5 inch blow
FS: No Return



PRESSURE SUMMARY

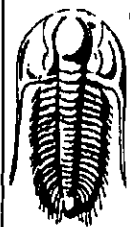
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1888.45	102.24	Initial Hydro-static
77	815.38	109.29	End Shut-in(1)
78	44.01	113.10	Open To Flow (1)
167	298.62	117.87	Shut-in(1)
167	812.76	118.06	End Shut-in(2)
258	1826.41	115.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	W w=100%	6.09
186.00	SOCW o=10% w=90%	2.61
15.00	CO o=100%	0.21

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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Job Ticket: 041814

DST#: 2

Test Start: 2011.04.24 @ 20:13:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.80 in³

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:

Water Salinity: deg API

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	W w=100%	6.088
186.00	SOCW o=10% w=90%	2.609
15.00	CO o=100%	0.210

Total Length: 635.00 ft

Total Volume: 8.907 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8352

Outside

Novy Oil & Gas inc.

34-9s-20w Rocks

DST Test Number: 2

