



Weatherford[®] Completion Systems

DRILL STEM TEST REPORT

Carmen Schmitt, inc
p.o b.o.x 47 great bend ks,67530+0047
ATTN: Vernon Schrag

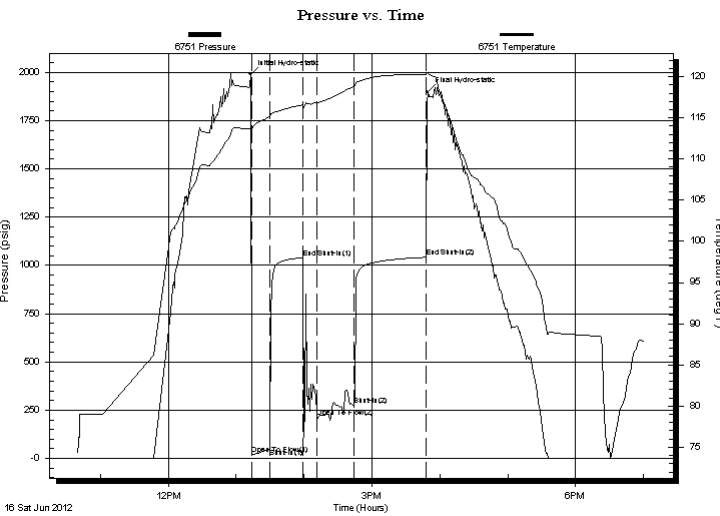
25 20 29w
Church and Shaffer1
Job Ticket: 48260 **DST#: 1**
Test Start: 2012.06.16 @ 10:40:00

GENERAL INFORMATION:

Formation: **Toronto**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 13:13:48
Time Test Ended: 19:01:30
Test Type: Conventional Bottom Hole (Initial)
Tester: Cole Archibald
Unit No: 62
Interval: **3996.00 ft (KB) To 4022.00 ft (KB) (TVD)**
Reference Elevations: 2840.00 ft (KB)
Total Depth: 4022.00 ft (KB) (TVD)
2832.00 ft (CF)
Hole Diameter: 7.88 inches
Hole Condition: Fair
KB to GR/CF: 8.00 ft

Serial #: 6751 Outside
Press@RunDepth: 276.01 psig @ 3997.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.06.16 End Date: 2012.06.16 Last Calib.: 2012.06.16
Start Time: 10:40:02 End Time: 19:01:30 Time On Btm: 2012.06.16 @ 13:12:36
Time Off Btm: 2012.06.16 @ 15:49:24

TEST COMMENT: Built to 5 inch
No return
Built to 2 inch
no return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1989.52	113.73	Initial Hydro-static
2	21.34	113.55	Open To Flow (1)
18	50.44	115.19	Shut-In(1)
47	1040.53	116.59	End Shut-In(1)
59	213.82	116.84	Open To Flow (2)
92	276.01	118.80	Shut-In(2)
155	1041.94	120.26	End Shut-In(2)
157	1898.86	120.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	ocm 15 o 85 m	0.72
60.00	ow g 10 g 50 o 40 w	0.62
60.00	w o 40 o 60 w	0.62
0.00	120 gip	0.00

Gas Rates

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

Pressure vs. Time

