

STAGE ONE: Devonian Shale
40 Shots 4069'-4279'
85-90Q Foam Frac 98,060 lbs sand. 2,550 Mcf N2 363 bbl fluid

STAGE TWO: Devonian Shale
36 Shots 3290'-3684'
85-90Q Foam Frac 40,657 lbs sand. 572 Mcf N2 168 bbl fluid

AUG 6 4 2009

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FORMATION COLOR, HARD OR SOFT	TOP FEET	BOTTOM FEET
Let Down	0	6
Clay	6	8
Sandy Shale	8	10
Sand	10	51
Coal	51	54
Sandy Shale	54	162
Coal	162	164
Shale	164	185
Sandy Shale	185	550
Sand	550	615
Sandy Shale	615	1025
Red Rock	1025	1045
Sandy Shale	1045	1195
Maxton Sand	1195	1245
Sandy Shale	1245	1348
Lower Maxton	1348	1380
Little Lime	1380	1417
Big Lime	1417	1645
Pocono Sandy Shale	1645	2114
Sunbury Shale	2114	2135
Berea Sand	2135	2158
Upper Huron	2158	3285
Lower Huron	3285	3684
Sandy Shale	3684	4078
Rhinestreet	4078	4254
Marcellus Shale	4254	4285
Onondaga	4285	4305

REMARKS

Including indication of all fresh & salt
water, coal, oil & gas

2" H2O @ 590'

1.5" H2O @ 875'

Gas Checks:

1765' - No Show

2215' - No Show

3250' - Odor

4200' - Odor

TD -Odor

AUG 04 2006

LOG 1849
6781 907