

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Gary E. Thomason Operator Well No: Thomason #2 Acres 140

LOCATION: Elevation: 2,105' Quadrangle: Cassidy 7.5'

District: Middle Fork County: Randolph

Latitude: 10,530' Longitude: 2,380
Latitude: 38 50' 00" Longitude: 80 02' 30"

Company:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Mike Ross Inc.				
Address: Po Box 219				
Coalton WV 26257				
Agent: Mike Ross	11 3/4	114	114	100 sacks
Inspector: Bill Hatfield	8 5/8	807	807	300 sacks
Date Permit Issued: 06/09/10				
Date Well Work Commenced: 5/1/11	5 1/2		6968	435 sacks
Date Well Work Completed: 5/5/11				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 6970				
Fresh Water Depth (ft.): 80				
Salt Water Depth (ft.): 0				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

OPEN FLOW DATA

Producing formation: Marcellus Shale,

Pay zone depth: 6940-6890 (ft)

Gas: Initial open flow 10 MCF/d Oil: Initial open flow Bbl/d

Final open flow 220 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 Hours

Static rock Pressure 2000 psig (surface pressure) after 72 Hours

Second producing formation Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: Mike Ross

By: Mike Ross
Date: January 31, 2013

02/15/2013

Date of Frac.: 06/24/11

Well Name: Thomason #2

1st Stage - Perfs from 6892-6942, Holes 120, Acid 1500 Gals., Bbls water or foam 12,300,
80/100 sand 1964 sacks, 20/40 sand 6,000 sacks, N2 SCF, ISP 3700 .

2nd Stage - Perfs from to , Holes , Acid Gals., Bbls water or foam
, 80/100 sand sacks, 20/40 sand sacks, N2 SCF, ISP .

3rd Stage - Perfs from to , Holes , Acid Gals., Bbls water or foam
, 80/100 sand sacks, 20/40 sand sacks, N2 SCF, ISP .

4th Stage - Perfs from to , Holes , Acid Gals., Bbls water or foam
, 80/100 sand sacks, 20/40 sand sacks, N2 SCF, ISP .

Directions: Cassity Long Run Road before mine at markers 16+ left follow to location at
Eng. New Road

Details:

Sand & Shale	0	-	200
Red Rock & Sand	200	-	480
Sand & Shale	480	-	700
Big Lime	700	-	800
Injura Sand	800	-	900
Sand & Shale	900	-	1500
Fourth Sand	1500	-	1600
Sandy Shale	1600	-	1650
Fifth Sand	1650	-	1700
Sandy Shale	1700	-	3670
Benson Sand	3670	-	3690
Sandy Shale	3690	-	4470
Elk Sand	4470	-	4480
Sandy Shale	4480	-	6850
Marcellus Shale	6850	-	6950
Onadogoa	6950	-	6970 TD

02/15/2013