

**State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work**

API # 4701705848

Farm Name SPERRY, JEFFREY A Well Number 512420  
 Location Elevation 850 District Southwest County Doddridge, WV  
 Latitude 11110 Longitude 8600 FSL Degree 39.00 Minute 10.00 Second 0.00  
 FWL Degree 80.00 Minute 47.00 Second 30.00  
 Company EQT Production Company  
1710 Pennsylvania Avenue Charleston, WV 25328  
 Agent Cecil Ray  
 Inspector \_\_\_\_\_  
 Permit Issued 06/03/2009  
 Well Work Commenced 08/21/2009  
 Well Work Completed 03/30/2010  
 Verbal Plugging \_\_\_\_\_  
 Permission granted or \_\_\_\_\_  
 Rotary Rig  Cable Rig \_\_\_\_\_  
 Total Depth 9,936 TVD: 6228'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cubic Ft
20	30	30	
13 3/8	848	848	924.00
9 5/8	2,680	2,680	
5 1/2	9,917	9,917	704.46

**Water Encountered**

Type \_\_\_\_\_ From \_\_\_\_\_  
Not Reported

**Coal & Open Mines**

Type \_\_\_\_\_ From \_\_\_\_\_  
Not Reported

**Open Flow Data**

Producing Formation Marcellus : Marcellus : Marcellus Pay Zone Depth (ft): See attached for details  
 Gas: Initial Open Flow 0 MCF 10/22/09 Date \_\_\_\_\_  
 Final Open Flow 1.528 MCF 03/30/2010 Date \_\_\_\_\_  
 Oil: Initial Open Flow \_\_\_\_\_ Bbl/d  
 Final Open Flow \_\_\_\_\_  
 Time of open flow between initial and final tests \_\_\_\_\_ hours  
 Static Rock Pressure 171 after \_\_\_\_\_ hours  
 Second Producing Formation \_\_\_\_\_ Pay Zone Depth (ft) \_\_\_\_\_  
 Gas: Initial Open Flow \_\_\_\_\_ MCF \_\_\_\_\_ Date \_\_\_\_\_  
 Final Open Flow \_\_\_\_\_ MCF \_\_\_\_\_ Date \_\_\_\_\_  
 Oil: Initial Open Flow \_\_\_\_\_ Bbl/d  
 Final Open Flow \_\_\_\_\_  
 Time of open flow between initial and final tests \_\_\_\_\_ hours  
 Static Rock 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, a systematic detailed geological record of all formations including coal encountered in the well bore

By Mike Butcher  
 Date 5-12-2010

Well Number 512420

**EQT Company**  
**WR-35 Completion Report - Attachment**  
**Well Treatment Summary**

API # 4701705848

Stage 1		Stage 2		Stage 3		Stage 4		Stage 5	
Date	02/06/2010	Date	02/06/2010	Date	02/06/2010	Date	02/06/2010	Date	02/06/2010
FracTyp	Slickwater	FracTyp	Slickwater	FracTyp	Slickwater	FracTyp	Slickwater	FracTyp	Slickwater
Zone	Marcellus	Zone	Marcellus	Zone	Marcellus	Zone	Marcellus	Zone	Marcellus
# of Perfs		# of Perfs	40	# of Perfs	40	# of Perfs	40	# of Perfs	40
From/To	9,874— 9,636	From/To	9,574— 9,336	From/To	9,274— 9,036	From/To	8,974— 8,736	From/To	8,674— 8,436
BD Press	6,381	BD Press	8,295	BD Press	7,531	BD Press	7,061	BD Press	6,985
ATP Psi	8,328	ATP Psi	8,678	ATP Psi	9,238	ATP Psi	8,354	ATP Psi	7,989
Avg Rate	92	Avg Rate	90	Avg Rate	37	Avg Rate	95	Avg Rate	95
Max Press Psi	9,221	Max Press Psi	9,417	Max Press Psi	9,468	Max Press Psi	9,350	Max Press Psi	9,003
ISIP Psi	3,445	ISIP Psi	4,090	ISIP Psi	4,582	ISIP Psi	3,369	ISIP Psi	3,540
10min SIP	2,720 5 min.	10min SIP	3,120 5 min.	10min SIP	4,382 5 min.	10min SIP	3,044 5 min.	10min SIP	2,943 5 min.
Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00
Sand Proppant	4,150.00	Sand Proppant	4,130.00	Sand Proppant	100.00	Sand Proppant	4,110.00	Sand Proppant	4,050.00
Water-bbl	10,103	Water-bbl	9,276	Water-bbl	0	Water-bbl	9876	Water-bbl	9918
SCF N2	0	SCF N2	0	SCF N2	0	SCF N2	0	SCF N2	0
Acid-gal	2,016 gal 15%HCL	Acid-gal	2,016 gal 15%HCL	Acid-gal	2,001 gal 15%HCL	Acid-gal	2,016 gal 15%HCL	Acid-gal	2,004 gal 15%HCL
Stage 6		Stage 7		Stage 8		Stage 9		Stage 10	
Date	02/06/2010	Date	02/06/2010	Date	02/06/2010	Date	02/06/2010	Date	02/06/2010
FracTyp	Slickwater	FracTyp	Slickwater	FracTyp	Slickwater	FracTyp	Slickwater	FracTyp	Slickwater
Zone	Marcellus	Zone	Marcellus	Zone	Marcellus	Zone	Marcellus	Zone	Marcellus
# of Perfs	40	# of Perfs	40	# of Perfs	40	# of Perfs	40	# of Perfs	40
From/To	8,374— 8,136	From/To	8,074— 7,836	From/To	7,774— 7,536	From/To	7,474— 7,236	From/To	7,174— 6,936
BD Press	6,534	BD Press	6,349	BD Press	6,461	BD Press	6,798	BD Press	7,712
ATP Psi	8,085	ATP Psi	8,689	ATP Psi	8,427	ATP Psi	8,036	ATP Psi	8,562
Avg Rate	68	Avg Rate	88	Avg Rate	93	Avg Rate	96	Avg Rate	93
Max Press Psi	9,020	Max Press Psi	9,443	Max Press Psi	9,424	Max Press Psi	8,907	Max Press Psi	9,512
ISIP Psi	4,920	ISIP Psi	4,150	ISIP Psi	4,284	ISIP Psi	4,295	ISIP Psi	4,892
10min SIP	3,629 5 min.	10min SIP	3,315 5 min.	10min SIP	3,620 5 min.	10min SIP	3,702 5 min.	10min SIP	4,208 5 min.
Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00
Sand Proppant	2,880.00	Sand Proppant	4,100.00	Sand Proppant	4,010.00	Sand Proppant	4,020.00	Sand Proppant	4,080.00
Water-bbl	10,203	Water-bbl	11,213	Water-bbl	10,874	Water-bbl	9924	Water-bbl	10,049
SCF N2	0	SCF N2	0	SCF N2	0	SCF N2	0	SCF N2	0
Acid-gal	2,016 gal 15%HCL	Acid-gal	2,016 gal 15%HCL	Acid-gal	2,016 gal 15%HCL	Acid-gal	2,013 gal 15%HCL	Acid-gal	2,016 gal 15%HCL
		Sand Proppant	4,180.00						
		Water-bbl	10,412						
		SCF N2	0						
		Acid-gal	2,016 gal 15%HCL						
Stage 11									
Date	02/06/2010								
FracTyp	Slickwater								
Zone	Marcellus								
# of Perfs	40								
From/To	6,874— 6,636								
BD Press	7,595								
ATP Psi	8,057								
Avg Rate	90								
Max Press Psi	9,540								
ISIP Psi	4,296								
10min SIP	3,740 5 min.								
Frac Gradient	0.00								

Formation Name	Depth To	Depth Bottom	Formation Thick
Sand and Shale	0.00	1,387	1,386.87
MAXTON	1,386.87		0.00
BIG LIME	1,563.07		0.00
KEENER	1,640.02		0.00
BIG INJUN	1,664.92		0.00
WEIR	1,830.78		0.00
BEREA	2,024.77		0.00
GANTZ	2,037.06		0.00
50F	2,116.60		0.00
30F	2,214.56		0.00
GORDON	2,258.86		0.00
4TH	2,360.05		0.00
5TH	2,514.60		0.00
BAYARD	2,541.44		0.00
WARREN	2,876.07		0.00
B-5	2,930.71		0.00
SPEECHLEY	2,945.91		0.00
BALLTOWN A	3,455.13		0.00
BALLTOWN B	3,685.66		0.00
BRADFORD	3,792.03		0.00
RILEY	4,028.38		0.00
BENSON	4,488.78		0.00
ALEXANDER	4,710.26		0.00
SONYEA	5,821.96		0.00
MIDDLESEX	5,958.08		0.00
GENESSEE	5,990.09		0.00
GENESE0	6,092.77		0.00
TULLY	6,133.00		0.00
HAMILTON	6,136.23		0.00
MARCELLUS BLK S	6,155.95		0.00
PURCELL	6,174.06		0.00
CHERRY VALLEY	6,194.43		0.00

Gas Tests	
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Depth	Remarks
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not Reported