

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

API # 4701705849

Farm Name SPERRY, JEFFREY A. Well Number 512421  
 Location Elevation 850 Quadrangle OXFORD  
 District Southwest County Doddridge, WV  
 Degree Minute Second  
 Latitude 11120 FSL 39.00 10.00 0.00  
 Longitude 8590 FWL 80.00 47.00 30.00

Company EQT Production Company Casing & Used in Left in Cement Fill Up  
 1710 Pennsylvania Avenue Charleston, WV 25328 Tubing Size Drilling Well Cubic Ft  
 Agent Cecil Ray 20 39 39  
 Inspector 13 3/8 842 842 1,122.45  
 Permit Issued 06/03/2009 9 5/8 2,634 2,634  
 Well Work Commenced 07/25/2009 5 1/2 10,497 10,497 1,349.41  
 Well Work Completed 02/22/2010  
 Verbal Plugging  
 Permission granted or \_\_\_\_\_  
 Rotary Rig  Cable Rig \_\_\_\_\_  
 Total Depth 10,505 TVD: 6332'

**Water Encountered**

Type From  
 Salt Water Wet @ 5100'

**Coal & Open Mines**

Type From  
 not Reported

**Open Flow Data**

Producing Formation Pay Zone Depth (ft): See attached for details  
 Marcellus ; Marcellus ; Marcellus ; Marcellus ; Marcellus ;  
 Gas: Initial Open Flow 0 MCF 11/1/09 Date Oil: Initial Open Flow Bbl/d  
 Final Open Flow 4,307 MCF 02/23/2010 Date Final Open Flo \_\_\_\_\_  
 Time of open flow between initial and final tests 0 hours  
 Static Rock Pressure 398 after \_\_\_\_\_ hours  
 Second Producing Formation Pay Zone Depth (ft) \_\_\_\_\_  
 Gas: Initial Open Flow \_\_\_\_\_ MCF \_\_\_\_\_ Date Oil: Initial Open Flow \_\_\_\_\_ Bbl/d  
 Final Open Flow \_\_\_\_\_ MCF \_\_\_\_\_ Date Final Open Flo \_\_\_\_\_  
 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

For Equitable Production Company  
 By Mike Butcher  
 Date 5-12-2010

Well Number 512421

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

API # 4701705849

Stage1		Stage2		Stage3		Stage4		Stage5	
Date	02/05/2010	Date	02/05/2010	Date	02/05/2010	Date	02/05/2010	Date	02/05/2010
FracType	Slickwater	FracType	Slickwater	FracType	Slickwater	FracType	Slickwater	FracType	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	10,453- 10,215	From/To	10,153- 9,915	From/To	9,853- 9,615	From/To	9,553- 9,315	From/To	9,253- 9,015
BD Press	7,584	BD Press	6,200	BD Press	6,555	BD Press	6,840	BD Press	6,388
ATP Psi	8,925	ATP Psi	8,796	ATP Psi	8,306	ATP Psi	8,245	ATP Psi	8,397
Avg Rate	86	Avg Rate	93	Avg Rate	87	Avg Rate	95	Avg Rate	90
Max Press Psi	9,132	Max Press Psi	9,227	Max Press Psi	8,515	Max Press Psi	8,489	Max Press Psi	8,912
ISIP Psi	4,968	ISIP Psi	5,680	ISIP Psi	5,662	ISIP Psi	5,291	ISIP Psi	3,836
10min SIP	3,857 5 min.	10min SIP	4,820 5 min.	10min SIP	5,280 5 min.	10min SIP	4,669 5 min.	10min SIP	3,425 5 min.
Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00
Sand Proppant	4,040.00	Sand Proppant	4,130.00	Sand Proppant	4,050.00	Sand Proppant	4,060.00	Sand Proppant	4,120.00
Water-bbl	9835	Water-bbl	11493	Water-bbl	9875	Water-bbl	9965	Water-bbl	9989
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	2,008 gal 15%HCL	Acid-gal	2,016 gal 15%HCL	Acid-gal	2,016 gal 15%HCL
Stage6		Stage7		Stage8		Stage9		Stage10	
Date	02/05/2010	Date	02/05/2010	Date	02/05/2010	Date	02/05/2010	Date	02/05/2010
FracType	Slickwater	FracType	Slickwater	FracType	Slickwater	FracType	Slickwater	FracType	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	8,953- 8,715	From/To	8,653- 8,415	From/To	8,353- 8,115	From/To	8,053- 7,815	From/To	7,753- 7,515
BD Press	6,545	BD Press	7,735	BD Press	6,240	BD Press	5,816	BD Press	5,121
ATP Psi	8,155	ATP Psi	7,930	ATP Psi	7,937	ATP Psi	7,840	ATP Psi	7,300
Avg Rate	98	Avg Rate	96	Avg Rate	91	Avg Rate	88	Avg Rate	92
Max Press Psi	8,928	Max Press Psi	8,680	Max Press Psi	8,334	Max Press Psi	8,975	Max Press Psi	9,017
ISIP Psi	3,940	ISIP Psi	4,251	ISIP Psi	4,200	ISIP Psi	3,980	ISIP Psi	3,848
10min SIP	3,558 5 min.	10min SIP	3,676 5 min.	10min SIP	3,963 5 min.	10min SIP	3,366 5 min.	10min SIP	3,258 5 min.
Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00	Frac Gradient	0.00
Sand Proppant	4,110.00	Sand Proppant	4,030.00	Sand Proppant	4,030.00	Sand Proppant	4,050.00	Sand Proppant	4,070.00
Water-bbl	9878	Water-bbl	9828	Water-bbl	9922	Water-bbl	9747	Water-bbl	9786
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	2,016 gal 15%HCL	Acid-gal	2,016 gal 15%HCL
		Sand Proppant	4,090.00						
		Water-bbl	10227						
		SCF N2	0						
		Acid-gal	2,016 gal 15%HCL						
Stage11									
Date	02/05/2010								
FracType	Slickwater								
Zone	Marcellus								
# of Perfs	40								
From/To	7,453- 7,215								
BD Press	6,563								
ATP Psi	7,350								
Avg Rate	85								
Max Press Psi	9,007								
ISIP Psi	3,489								
10min SIP	3,018 5 min.								
Frac Gradient	0.00								

06/01/2012

Formation Name	Depth To	Depth Botto	Formation Thick
Sand and Shale	0.00	1.405	1,404.87
MAXTON	1,404.87		0.00
BIG LIME	1,581.07		0.00
KEENER	1,658.02		0.00
BIG INJUN	1,682.92		0.00
WEIR	1,848.78		0.00
BEREA	2,042.77		0.00
GANTZ	2,055.06		0.00
50F	2,134.60		0.00
30F	2,232.56		0.00
GORDON	2,276.86		0.00
4TH	2,378.05		0.00
5TH	2,532.60		0.00
BAYARD	2,559.44		0.00
WARREN	2,894.07		0.00
B-5	2,948.71		0.00
SPEECHLEY	2,963.91		0.00
BALLTOWN A	3,473.13		0.00
BALLTOWN B	3,703.66		0.00
BRADFORD	3,810.03		0.00
RILEY	4,046.38		0.00
BENSON	4,506.78		0.00
ALEXANDER	4,728.26		0.00
SONYEA	5,839.96		0.00
MIDDLESEX	5,976.08		0.00
GENESSEE	6,008.09		0.00
GENESE0	6,110.77		0.00
TULLY	6,151.00		0.00
HAMILTON	6,154.23		0.00
MARCELLUS BLK S	6,173.95		0.00
PURCELL	6,192.06		0.00
CHERRY VALLEY	6,212.43		0.00
	6,229.40		

Gas Tests
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Depth	Remarks
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not Reported