

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 04/12/2012
API #: 47097-03812

Farm name: HAMNER, JAMES T. & JANET G. Operator Well No.: HAMNER CHURCH 1H WV0428

LOCATION: Elevation: 1894 Quadrangle: ALTON 7.5

District: MEADE County: UPSHUR
Latitude: 38 50 57.333 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: 80 12 48.325 Feet West of _____ Deg. _____ Min. _____ Sec.

Company: MOUNTAIN V OIL and GAS

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 470 BRIDGEPORT WV. 26330	20"		42'	SAND IN
Agent: <u>Mike Shaver</u>	16		253	165 SK
Inspector: <u>Bill Hatfield</u>	11 3/4		1718	650 SK
Date Permit Issued: <u>08-30-2011</u>	8 5/8		4198	764 SK
Date Well Work Commenced: <u>11-05-2011</u>	5 1/2		10294	805
Date Well Work Completed: <u>02-11-12</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>7188</u>				
Total Measured Depth (ft): <u>10212</u>				
Fresh Water Depth (ft.): <u>51, 135, 144</u>				
Salt Water Depth (ft.): <u>1160</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.): <u>70</u>				
Void(s) encountered (N/Y) Depth(s)				

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OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

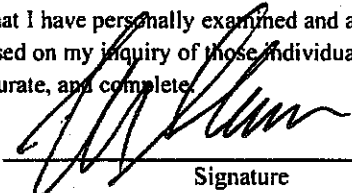
Producing formation MARCELLUS Pay zone depth (ft) 7170 - 7276

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 950 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 2600 psig (surface pressure) after 24 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

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

7-16-12
Date

Were core samples taken? Yes _____ No **X**

Were cuttings caught during drilling? Yes **X** No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list **GEOPHYSICAL**

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

SEE ATTACHED SHEET

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Plug Back Details Including Plug Type and Depth(s):

KICK PLUG CEMENT 7286 - 5300

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface:

Formations Encountered:	Top Depth	Bottom Depth
GROUND EL	1894	
BIG LIME	1283 - 1354	
30 FT	1885 - 1915	
5 TH SAND	2082 - 2105	
BENSON	3848 - 3870	
ELK	4370 - 6632	
GENESEO	7024 - 7060	
TULLY LS	7060 - 7100	
HAMILTON SHALE	7100 - 7170	
UPPER MARCELLUS	7170 - 7212	
PURCELL	7212 - 7216	
LOWER MARCELLUS	7216 - 7276	
ONONDAGA	7276 - 7286	

Mountain V Oil & Gas Hamner Church 1H WV0428 47-097-03812

STAGE # 1 PERFS 10249 – 10247 12 SHOTS, 10159 – 10157 12 SHOTS, 10069 – 10067 12 SHOTS, 9978 – 9976 12 SHOTS

SLICK WATER AVG PSI 6947, AVG RATE 81.1, ISIP 3843,
H2O 7361 BBL, SLURRY 7753, 252SK 80/100, 1997 SK 40/70

STAGE # 2 PERFS 9906 – 9904 12 SHOTS, 9816 – 9814 12 SHOTS, 9726 – 9724 12 SHOTS, 9635 – 9633 12 SHOTS

SLICK WATER AVG PSI 6682, AVG RATE 79, ISIP 4144
H2O 7278 BBL, SLURRY 7526, 251 SK 80/100, 2029 SK 40/70

STAGE # 3 PERFS 9563 – 9561 12 SHOTS, 9473 – 9471 12 SHOTS, 9383 – 9381 12 SHOTS 9292 – 9290 12 SHOTS

SLICK WATER AVG PSI 6813, AVG RATE 83.8, ISIP 4001
H2O 7412 BBL, SLURRY 7830, 252 SK 80/100, 2030 SK 40/70

STAGE # 4 PERFS 9220 – 9218 12 SHOTS, 9130 – 9128 12 SHOTS 9040 – 9038 12 SHOTS 8949 – 8947 12 SHOTS

SLICK WATER AVG PSI 6729, AVG RATE 83, ISIP 4023
H2O 7440 BBL, SLURRY 7855, 250 SK 80/100, 2047 SK 40/70

STAGE # 5 PERFS 8877 – 8875 12 SHOTS, 8787 – 8785 12 SHOTS 8697 – 8695 12 SHOTS 8606 – 8604 12 SHOTS

SLICK WATER AVG PSI 6501, AVG RATE 84.23, ISIP 4028
H2O 7367 BBL, SLURRY 7799, 250 SK 80/100, 1985 SK 40/70

STAGE # 6 PERFS 8534 – 8532 12 SHOTS, 8444 – 8442 12 SHOTS, 8354 – 8352 12 SHOTS, 8263 – 8261 12 SHOTS

SLICK WATER AVG PSI 6430, AVG RATE 84.5, ISIP 4014
H2O 7335 BBL, SLURRY 7641, 250 SK 80/100, 2024 SK 40/70

STAGE # 7 PERFS 8191 – 8189 12 SHOTS 8101 – 8099 12 SHOTS 8011 – 8009 12 SHOTS 7920 – 7918 12 SHOTS

SLICK WATER AVG PSI 6408, AVG RATE 87.3, ISIP 4014
H2O 7370 BBL, SLURRY 7676, 251 SK 80/100, 2011 SK 40/70

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STAGE # 8 PERFS 7848 – 7846 12 SHOTS, 7759 – 7757 12 SHOTS, 7670 – 7668 12 SHOTS, 7580 – 7578 12 SHOTS

SLICK WATER AVG PSI 6114, AVG RATE 85, ISIP 3827
H2O 7036 BBL, SLURRY 7312, 250 SK 80/100, 1780 SK 40/70

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