

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

DATE: 04/19/13  
API#: 47-051-01475



Farm name: **Goshorn**  
LOCATION: Elevation: 1308'  
District: **Liberty**

Operator Well No.: **2H**  
Quadrangle: **Cameron**  
County: **Marshall**

Latitude: 6,325 Feet South of 39 Deg. 50 Min. 00 Sec.  
Longitude: 9,005 Feet West of 80 Deg. 35 Min. 00 Sec.

Company: **TRANS ENERGY, INC.**  
Address: **P. O. Box 393**  
**St. Marys, WV 26170**

Agent: **Loren Bagley**  
Inspector: **Derek Haught**  
Date Permit Issued: **8/15/2011**  
Date Well Work Commenced: **11/21/2011**  
Date Well Work Completed: **4/6/2012**

Casing Tubing Diameter	Used in Drilling	Left in Well	Cement Fill
20"	80'	80'	Surface
13 3/8"	1,129'	1,129'	Surface
9 5/8"	3,016'	3,016'	Surface
5.5	11,820'	11,820'	Surface

Verbal Plugging:  
Date Permission Granted On:  
Drill Type:  Rotary  Cable  Rig  
Total Vertical Dept (ft.): **7,068**  
Total Measured Depth (ft.): **11,820**  
Fresh Water Depth (ft.): **60'**  
Salt Water Depth (ft.): **1500'**  
Is coal being mined in area (N/Y)? **Y**  
Coal Depths (ft.): **862 Top**  
Void(s) Encountered (N/Y)? **Depth:**

**OPEN FLOW DATA**

1ST PRODUCING FORMATION: **MARCELLUS** PAY ZONE DEPTH (FT.): **7,068**

**GAS:**  
INITIAL OPEN FLOW: **6800 MCF/d**  
FINAL OPEN FLOW: **MCF/d**  
TIME OF OPEN FLOW BETWEEN INITIAL AND FINAL TESTS:  
Static Rock Pressure: **3,100** psig (surface pressure) after

**OIL:**  
INITIAL OPEN FLOW: **16 Bbl/d**  
FINAL OPEN FLOW: **Bbl/d**  
HOURS  
HOURS

2ND PRODUCING FORMATION: **PAY ZONE DEPTH (FT.):**

**GAS:**  
INITIAL OPEN FLOW: **MCF/d**  
FINAL OPEN FLOW: **MCF/d**  
TIME OF OPEN FLOW BETWEEN INITIAL AND FINAL TESTS:  
Static Rock Pressure: **psig (surface pressure) after**

**OIL:**  
INITIAL OPEN FLOW: **Bbl/d**  
FINAL OPEN FLOW: **Bbl/d**  
HOURS  
HOURS

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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.

Company Name: **TRANS ENERGY, INC**

Signature: Leslie A. Gearhart  
Name (Printed): **Leslie A. Gearhart, Vice President of Operations**  
Date: 4-22-13

Department of  
Environmental Protection

05/03/2013

**SUPPLEMENTAL DATA**

WELL NAME: GOSHORN 2H

API#: 47-051-01475

Were core samples taken? Yes No X

Were cuttings caught during drilling? Yes X No

Were logs recorded on this well? Y/N Y

X Electrical  
 \_\_\_\_\_ Mechanical  
 \_\_\_\_\_ 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:

Stage 1 - 11,766 x 11,586, 41 holes.
Stage 2 - 11,503 x 11,317, 41 holes.
Stage 3 - 11,238 x 11,090, 41 holes.
Stage 4 - 11,017 x 10,890, 40 holes.
Stage 5 - 10,822 x 10,665, 42 holes.
Stage 6 - 10,585 x 10,432, 42 holes.
Stage 7 - 10,360 x 10,180, 42 holes.
Stage 8 - 10,120 x 9,967, 42 holes.
Stage 9 - 9,880 x 9,711, 40 holes.
Stage 10 - 9,642 x 9,490, 40 holes.
Stage 11 - 9,411 x 9,215, 42 holes.
Stage 12 - 9,145 x 9,011, 42 holes.
Stage 13 - 8,938 x 8,777, 42 holes.
Stage 14 - 8,705 x 8,562, 42 holes.
Stage 15 - 8,490 x 8,285, 41 holes.
Stage 16 - 8,212 x 8,035, 42 holes.
Stage 17 - 7,960 x 7,706, 42 holes.
Stage 18 - 7,653 x 7,450, 37 holes.

FORMATION ENCOUNTERED	TOP DEPTH (FT.)	BOTTOM DEPTH (FT.)	NOTES
Surface Casing	0	3016	
Gordon	3052	3087	
Upper Devonian Shale	Not logged	Not logged	TVD from Gamma Ray
Middlesex	6784	6870	
Burket Shale	6870	6891	
Tully Limestone	6,891	6918	
Upper Hamilton Group	6918	6996	
Marcellus Shale	6,996	7040	
Onondaga Limestone	7,040		

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