

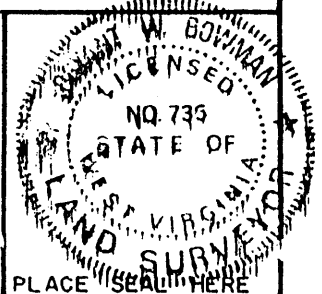
**PRICHARD, ERNEST**  
 DB 393/543  
 TM 114 PAR. 1  
 86 ACRES ±

**PROPOSED WELL**  
 NORTH AMERICAN  
 TIMBER CORPORATION

REFERENCES NO SCALE

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=2000'  
 MINIMUM DEGREE OF ACCURACY 1:7500  
 PROVEN SOURCE OF ELEVATION BM 1786 NEAR GLEN ROGERS HIGH SCHOOL ELE. 1786

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) Wayne D. Bowman  
 R.P.E. \_\_\_\_\_ L.L.S. 736



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6  
 (8-78)



DATE DECEMBER 1 20 01  
 OPERATOR'S WELL NO. WP-300R  
 API WELL NO. 47-109-02125  
 STATE COUNTY PERMIT

Division of Environmental Protection  
 Office of Oil & Gas

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 2339.60' WATER SHED MILAM FORK OF LAUREL BRANCH  
 DISTRICT SLAB FORK COUNTY WYOMING  
 QUADRANGLE MCGRAWS, WV 7.5'  
 SURFACE OWNER ERNEST & PEGGY PRICHARD ACREAGE 86±  
 OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 30000±  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION PRN, RVC, BL, WIC, & GRON ESTIMATED DEPTH 4,600'  
 WELL OPERATOR PENN VIRGINIA OIL & GAS CORP DESIGNATED AGENT MR. HARRY JEWEL FEB 01 2002  
 ADDRESS PO BOX 387 ADDRESS PO BOX 460  
DUFFIELD, VA 24244-0387 RAVENCLIFF, WV 25913

WYO 2125

CHARLESTON BLUEPRINT 092941

(McGraws 248)

Charleston WV

*MP*

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

Farm Name North American Timber Corp

Operator Well No.: WP-300R

LOCATION: Elevation: 2339.6

Quadrangle: McGraws 7 1/2'

District: Slab Fork County: Wyoming  
Latitude: 6610 Feet South of 37 Deg. 42 Min. 30 Sec.  
Longitude: 3525 Feet West of 81 Deg. 27 Min. 30 Sec.

Company:

**Penn Virginia Oil & Gas Corporation**

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 2550 East Stone Drive, Suite 110 Kingsport, TN 37660	12.75"	20	20	0
Agent: Harry Jewell	7"	1379	1379	304
Inspector: Ronald Scott	4.5"	4367	4367	451
Date Permit Issued: 01/30/2002				
Date Well Work Commenced: 01/20/2003				
Date Well Work Completed: 06/20/2003				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 4,409				
Fresh Water Depth (ft): Damp @ 1010'				
Salt Water Depth (ft):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft): 332-334, 594-596, 962-965, 1000-1002, 1252-1255, 1301-1304				

OPEN FLOW DATA

Producing formation Gordon, Gordon, Weir, Big Lime Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow 88 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 802 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests: 4 Hours  
 Static rock pressure 655 psig (surface pressure) after 192 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 CHANE, TEC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed:

By: William M. Ryan  
Date: 11/24/03

FEB 27 2004

WYO 2125

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

1st Stage-Gordon-Perforated from 4196' to 4204' with 16 holes, 4219' to 4223' with 8 holes and 4226' to 4230' with 8 holes. Treated with 210 BW, 340 MSCF N2 and 46400 lbs 20/40 sand. ISIP: 1770 psi. ATP: 1600 psi. ATR: 20 BPM.

2nd Stage-Gordon Fault-Perforated from 4022' to 4042' with 20 holes. Treated with 500 gallons 15% HCL acid and 150 MSCF N2. ISIP: 1730 psi. ATP: 2000 psi. ATR: 8800 SCF N2/min.

3rd Stage-Weir-Perforated from 3476' to 3486' with 30 holes. Treated with 395 BW, 141 MSCF N2 and 28000 lbs 20/40 sand. ISIP: 3950 psi. ATP: 852 psi. ATR: 22 BPM.

4th Stage-Big Lime (Denmar)-Perforated from 3185' to 3191' with 12 holes and 3226' to 3230' with 8 holes.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand, Shale, & Coal	0	1304	
Sand & Shale	1304	1550	
Shale	1550	1660	
Princeton Sand	1660	1704	
Shale	1704	1812	
Ravenciff	1812	1878	
Shale	1878	1880	
Avis Limestone	1880	1920	
Shale & Redrock	1920	2604	
Sand	2604	2662	
Shale	2662	2716	
Little Lime	2716	2782	
Shale & Lime	2782	2820	
Big Lime	2820	3238	
Shale	3238	3450	
Weir Sand	3450	3504	
Shale	3504	3846	
Coffee Shale	3846	3860	
Shale	3860	4030	
Fault	4030		
Shale	4030	4184	
Gordon Sand	4184	4230	
Shale	4230	TD	Gas Check @ TD - 88 MCF/D