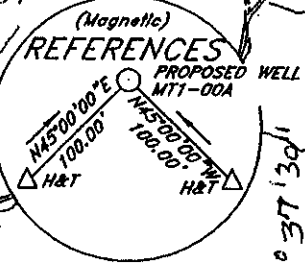
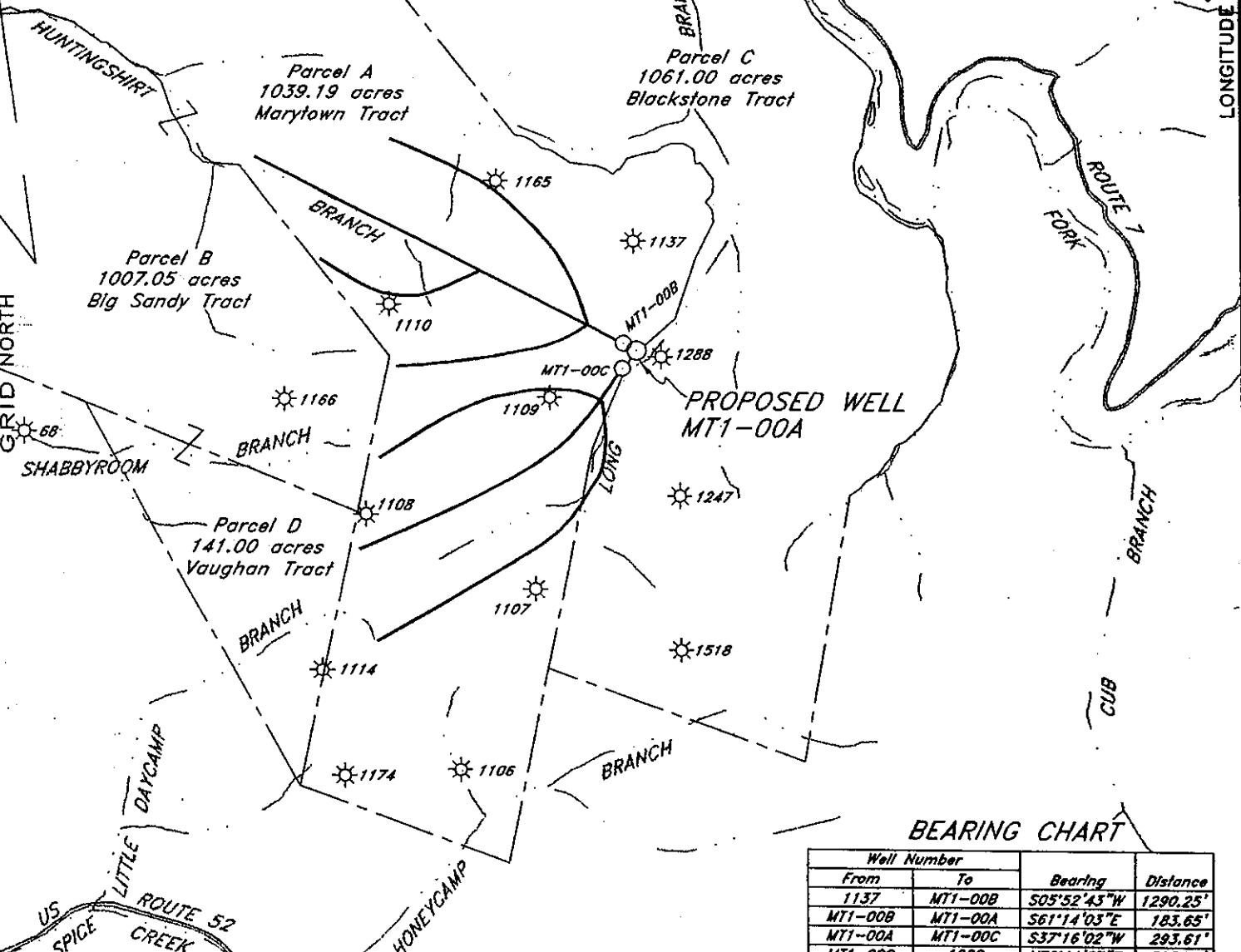


**PROPOSED WELL COORDINATES**  
 N:166296.97  
 E:1811397.08  
 WV SOUTH ZONE  
 NAD 27

LATITUDE 37° 27' 30" N  
 37° 27' 30" N



**CENTRAL WEST VIRGINIA ENERGY COMPANY**  
 Dead Book 391, page 197



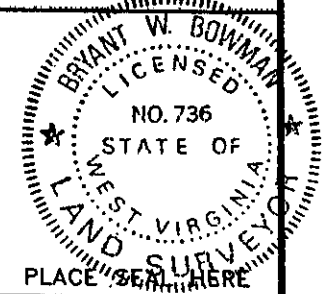
**BEARING CHART**

From	To	Bearing	Distance
1137	MT1-00B	S05°52'45"W	1290.25'
MT1-00B	MT1-00A	S61°14'03"E	183.65'
MT1-00A	MT1-00C	S37°16'02"W	293.61'
MT1-00C	1288	N72°11'57"E	505.71'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=2000'  
 MINIMUM DEGREE OF ACCURACY 1:32000  
 PROVEN SOURCE OF ELEVATION GPS DISK NO. Y  
 1542.96'

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 ENVIRONMENTAL PROTECTION.  
 (SIGNED) Bryant W. Bowman  
 R.P.E. \_\_\_\_\_ L.L.S. 736



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 OIL AND GAS DIVISION



DATE OCTOBER 11, 2004  
 OPERATOR'S WELL NO. MT1-00A  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW  
 STATE COUNTY PERMIT

LOCATION: ELEVATION 1552.00' WATERSHED LONG BRANCH OF TUG FORK RIVER  
 DISTRICT BROWNS CREEK COUNTY McDOWELL

SURFACE OWNER CENTRAL WEST VIRGINIA ENERGY COMPANY ACREAGE 2249±  
 OIL & GAS ROYALTY OWNER CENTRAL WEST VIRGINIA ENERGY CO. LEASE ACREAGE 2249±  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  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 Poca 4 ESTIMATED DEPTH 945  
 WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL  
 ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460  
 KINGSPORT, TN 37660 RAVENCLIFF, WV 25913

COUNTY NAME McDOWELL PERMIT 1997-C

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

Farm Name Central West Virginia Energy Company

Operator Well No.: MT-1A

LOCATION: Elevation: 1552

Quadrangle: Davy, WV

District: Browns Creek County: McDowell  
Latitude: 1250 Feet South of 37 Deg. ~~X~~ 27 Min. 30 Sec.  
Longitude: 7170 Feet West of 81 Deg. ~~X~~ 37 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	9 5/8"	88'	88'	24 cu ft
Kingsport, TN 37660	7"	480'	480'	130 cu ft
Agent: Jim Burns				
Inspector: Bill Hatfield				
Date Permit Issued: 12/28/2004				
Date Well Work Commenced:				
Date Well Work Completed: 03/03/2005				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 548				
Fresh Water Depth (ft):				
Salt Water Depth (ft):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft):				

OPEN FLOW DATA

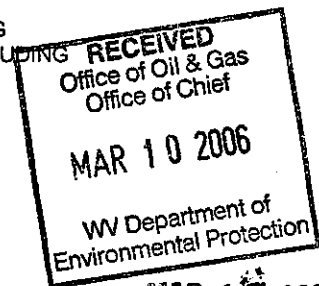
Producing formation No production from this well Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests: \_\_\_\_\_ Hours  
 Static rock pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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: 3/6/06



MAR 17 2006

MCDOWELL 1997 C

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

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<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand/Shale	0	861	
Poca 4 Coal	861		Measured Depth - Turn horizontal in the Poca 4 Coal at the MT-1C
Poca 3 Coal	941		Measured Depth - Turn horizontal in the Poca 3 Coal at the MT-1B

MAR 17 2006