



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-095-00502 P WELL NO.: WV 650461 (Thistle Heirs #187)

FARM NAME: Thistle Heirs

RESPONSIBLE PARTY NAME: Equitable Production Company, Inc.

COUNTY: Tyler DISTRICT: Ellsworth

QUADRANGLE: Porter Falls 7.5'

SURFACE OWNER: Fred Allen Shreve

ROYALTY OWNER: ET Bluegrass Apollo Division

UTM GPS NORTHING: 4,374,136

UTM GPS EASTING: 519,679 GPS ELEVATION: 264 m (865 ft)

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:  
Survey grade GPS  : Post Processed Differential   
Real-Time Differential   
Mapping Grade GPS  : Post Processed Differential   
Real-Time Differential

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Ben R. Singleton  
Signature

P.S. 2093  
Title

8-2-11  
Date

Topo Quad: Porter Falls 7.5'

Scale: 1" = 2000' 95-00502P

County: Tyler

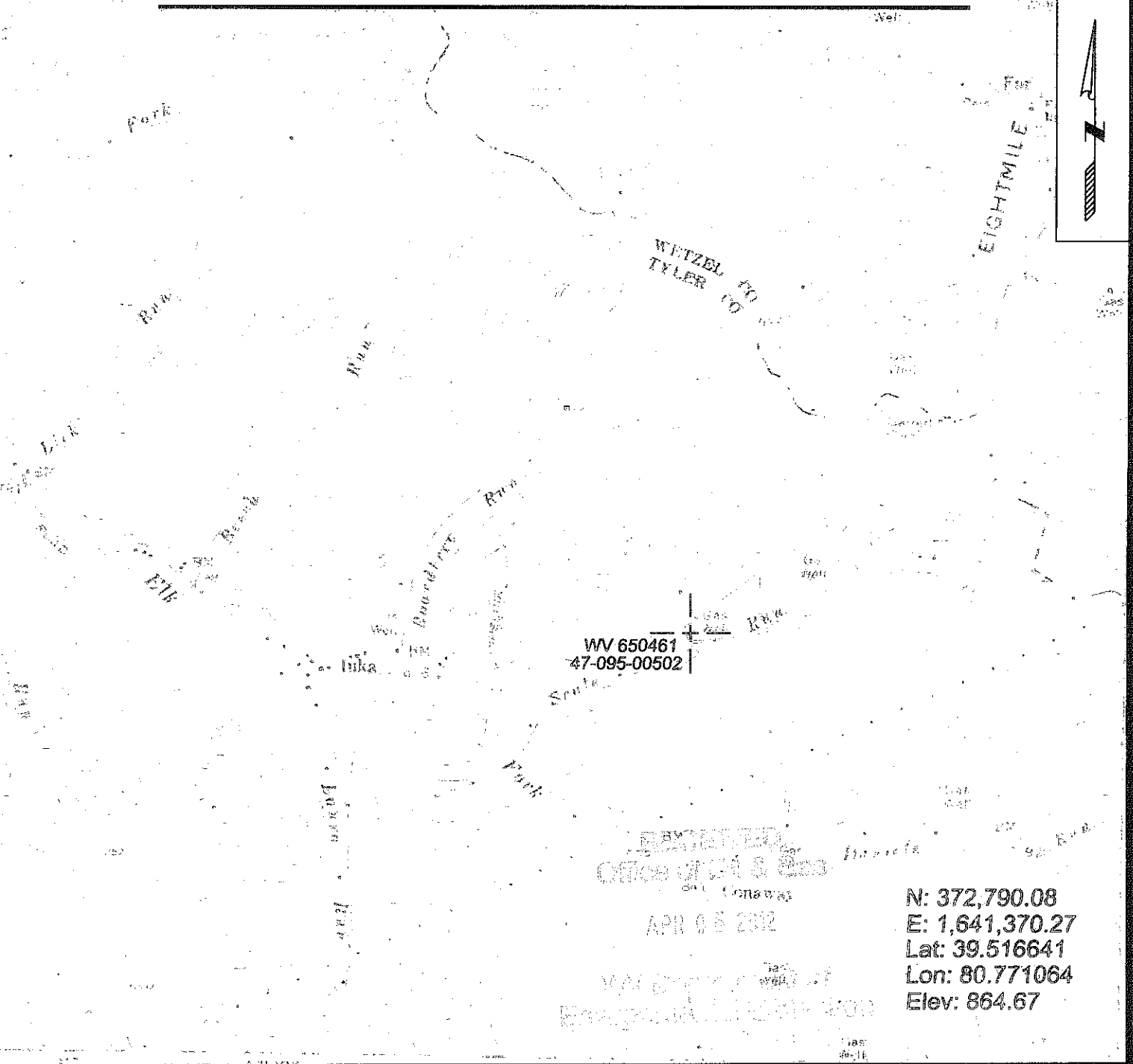
Date: July 26, 2011

District: Ellsworth

Project No: 69-54-00-08

WV 650461 (47-095-00502)

Topo



N: 372,790.08  
E: 1,641,370.27  
Lat: 39.516641  
Lon: 80.771064  
Elev: 864.67



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
1-800-482-8606  
P.O. BOX 438  
BIRCH RIVER, WV 26610  
PH: (304) 649-8606  
FAX: (304) 649-8608  
80 US HIGHWAY 33 EAST  
WESTON, WV 26452  
PH: (304) 269-6200  
FAX: (304) 269-6290

PREPARED FOR:  
**Equitable Production Co. Inc.**  
1710 Pennsylvania Ave.  
Charleston, WV 25302