

WW-7  
8-30-06



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

API: 47-015-02753 WELL NO.: CBM 7

FARM NAME: Paul B. Barringer II

RESPONSIBLE PARTY NAME: Range Resources – Pine Mountain, Inc.

COUNTY: Clay DISTRICT: Buffalo

QUADRANGLE: Swandale 7.5' 629

SURFACE OWNER: Allegheny Rural NMTC Forestlands, LLC

ROYALTY OWNER: Range Resources – Pine Mountain, Inc.

UTM GPS NORTHING: 4257769

UTM GPS EASTING: 505291 GPS ELEVATION: 278 m (912 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: **Received**  
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

Office of Oil & Gas  
OCT 31 2014

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.

*Steph O'Keefe*  
Signature

PS# 2180  
Title

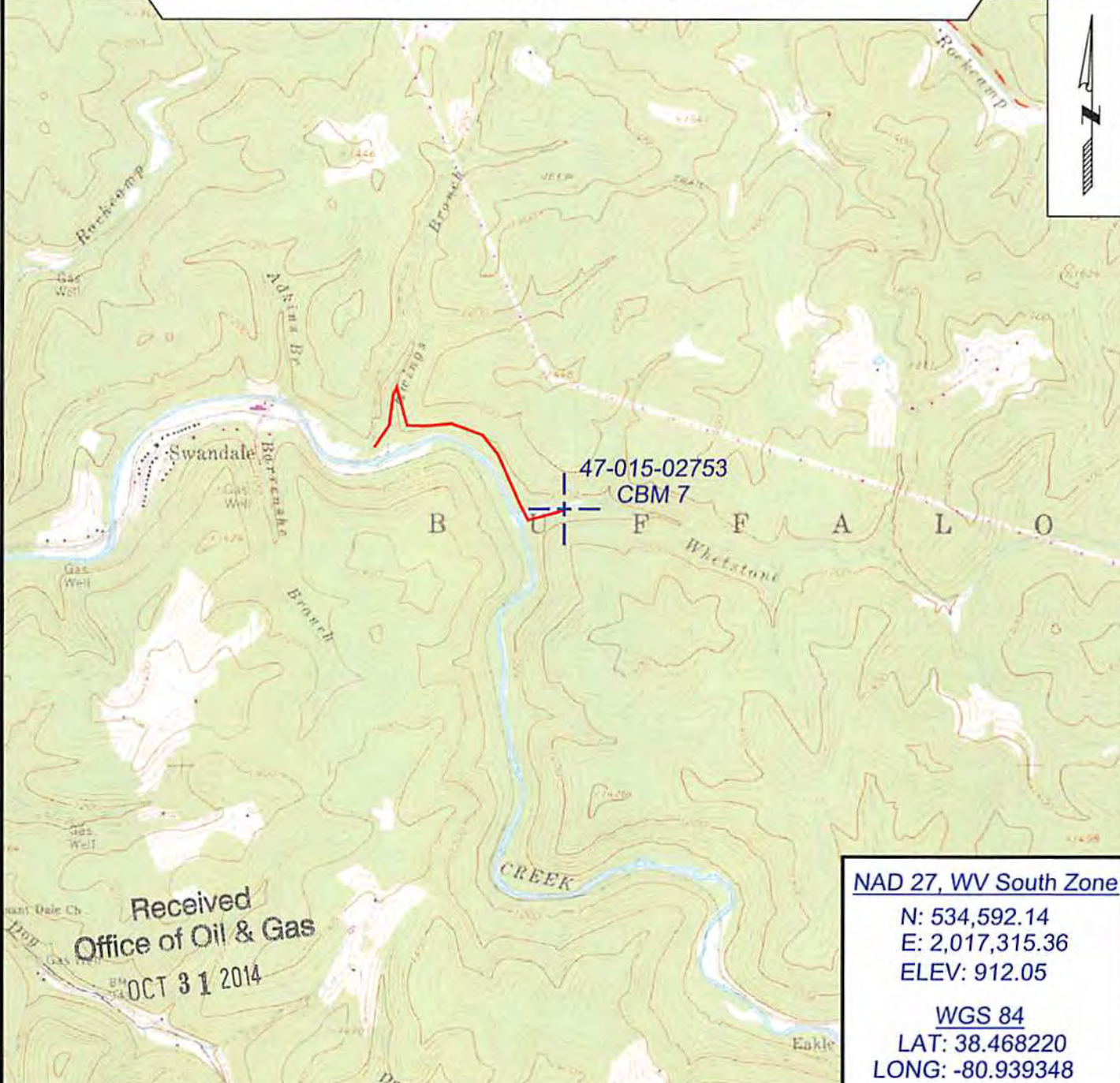
7/16/14  
Date

1502753P

Topo Quad: Swandale 7.5' Scale: 1" = 2000'  
 County: Clay Date: June 26, 2014  
 District: Buffalo Project No: 170-04-B-14

API # 47-015-02753 (CBM 7)

Topo



47-015-02753  
CBM 7

NAD 27, WV South Zone

N: 534,592.14  
E: 2,017,315.36  
ELEV: 912.05

WGS 84  
LAT: 38.468220  
LONG: -80.939348



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**

1-800-482-8606  
237 Birch River Road  
Birch River, WV 26610  
PH: (304) 649-8606  
FAX: (304) 649-8608

PREPARED FOR:

**Range Resources - Pine Mountain, Inc.**

406 West Main Street  
Abingdon, VA 24210