

WW-7
8-30-06



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

API: 47-049-00239 WELL NO.: 1
 FARM NAME: R. Kennan
 RESPONSIBLE PARTY NAME: Danny Caldwell
 COUNTY: Marion DISTRICT: Mannington
 QUADRANGLE: Glover Gap
 SURFACE OWNER: Renee E. Vanfosson
 ROYALTY OWNER: _____
 UTM GPS NORTHING: 4386552.68
 UTM GPS EASTING: 550105.21 GPS ELEVATION: 1463'

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 X : Post Processed Differential X

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.

Danny R Caldwell
Signature

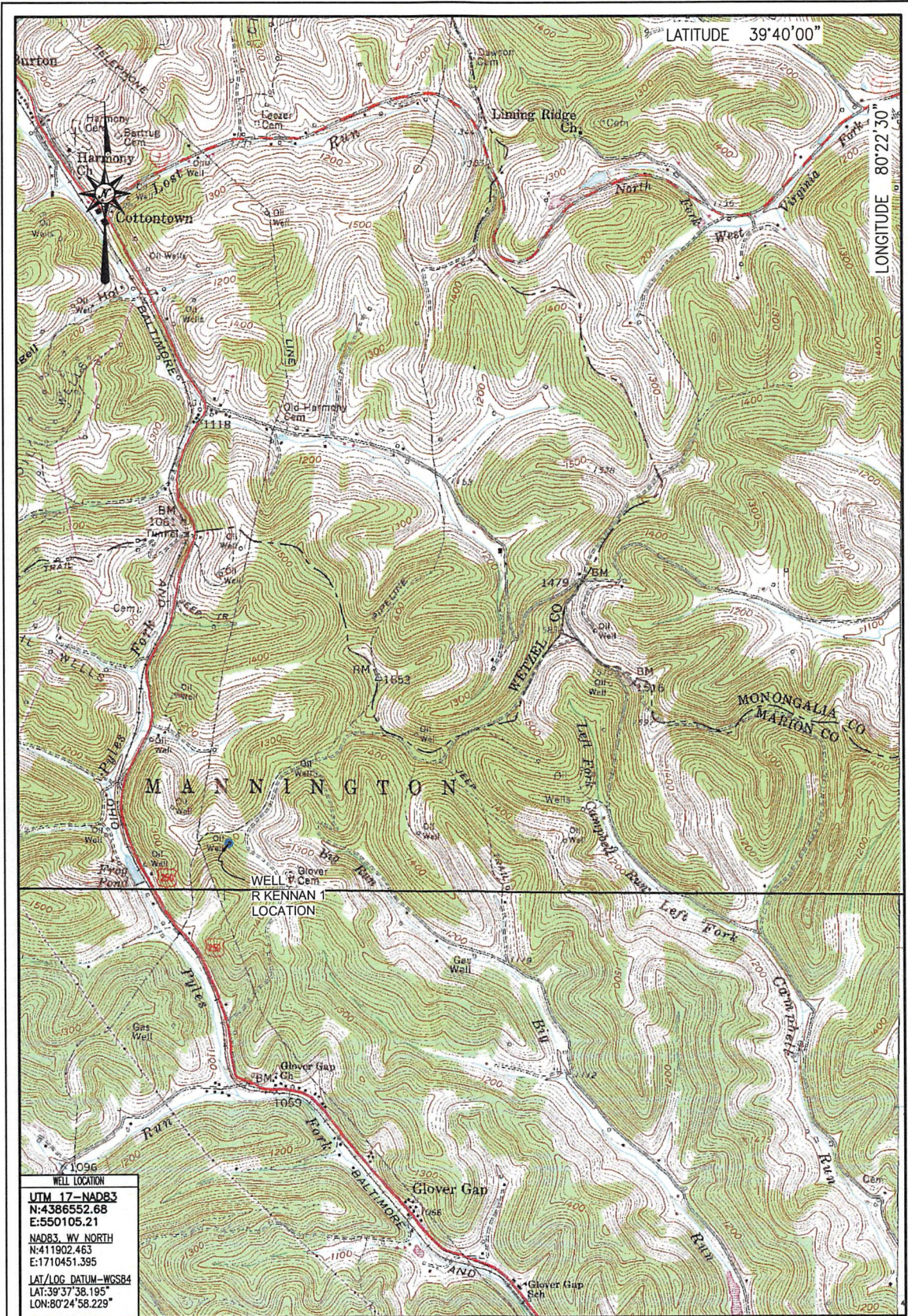
Maintenance Coordinator
Title

1/29/2020
Date

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Office of Oil and Gas

FEB 28 2020

WV Department of
Environmental Protection



WELL LOCATION
 UTM 17-NAD83
 N:4386552.68
 E:550105.21
 NAD83, WV NORTH
 N:411902.463
 E:1710451.395
 LAT/LOC DATUM-WCSB4
 LAT:39°37'38.195"
 LON:80°24'58.229"

PRELIMINARY LOCATION MAP
 AUGUST 22, 2019

THRASHER

R KENNAN 1
 MANNINGTON QUADRANGLE
 WEST VIRGINIA

SCALE 1" = 2000'
 2000' 4000' 6000'



BLUE MOUNTAIN ENGINEERING

CIVIL/ENVIRONMENTAL CONSULTING/FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26309
 PHONE (304) 624-4108*FAX (304) 624-7831

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