

LONGITUDE 80° 40' 00"  
LONGITUDE 80° 29' 06.7"  
Latitude = 39° 29' 06.7"  
Latitude = 39° 30' 00"  
Longitude = 80° 40' 28.9"  
Longitude = 80° 29' 06.7"

**PLAT NOTES**

- The drawing shown hereon is from the original drilling permit plat dated 4/1/2003.
- This plat has been updated to show current surface ownership and as-drilled Latitude & Longitude.
- Latitude & Longitude shown was measured by DGPS - Sub-Meter Mapping Grade (NAD 1927)

**NOTES ON SURVEY**

- 1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to State Plane Grid North (WV North Zone - NAD 1927).
- 2 - Property line calls established by field surveys conducted in 1994 and are referenced to True North.
- 3 - Surface owner information obtained from the Wetzel County Assessor's tax records.

**CALL TABLE**

- (A) S86° 13'E 9217.5'
- (B) S86° 10'E 4800.0'
- (C) S86° 10'E 5419.8'

**WELL TIES (See Note)**

- (1) S18° 06'W 3,169'
- (2) S66° 23'W 6,381'
- (3) S78° 55'W 11,387'

**UTM Coordinates**

NAD 1983 (m.)  
N - 4,370,680 m.  
E - 527,990 m.

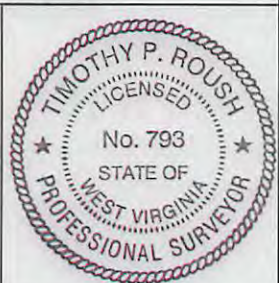
NOTE: No known water supply sources are located within 1000' of proposed well. (H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

Denotes Water Supply Source.

FILE NO. 1037-74  
 MAP NO.      N      S      E      W       
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY      Sub-Meter  
 PROVEN SOURCE OF ELEVATION DGPS Survey  
 (Sub-Meter Mapping Grade)

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) *Timothy P. Roush*  
 TIMOTHY P. ROUSH PS 793



**WEST VIRGINIA**  
 Division of Environmental Protection  
 Office of Oil and Gas  
 601 57th Street  
 Charleston, West Virginia 25301



DATE July 31, 2013  
 FARM C.C. Pennick NO. 51  
 API WELL NO. 47-103-01945 S

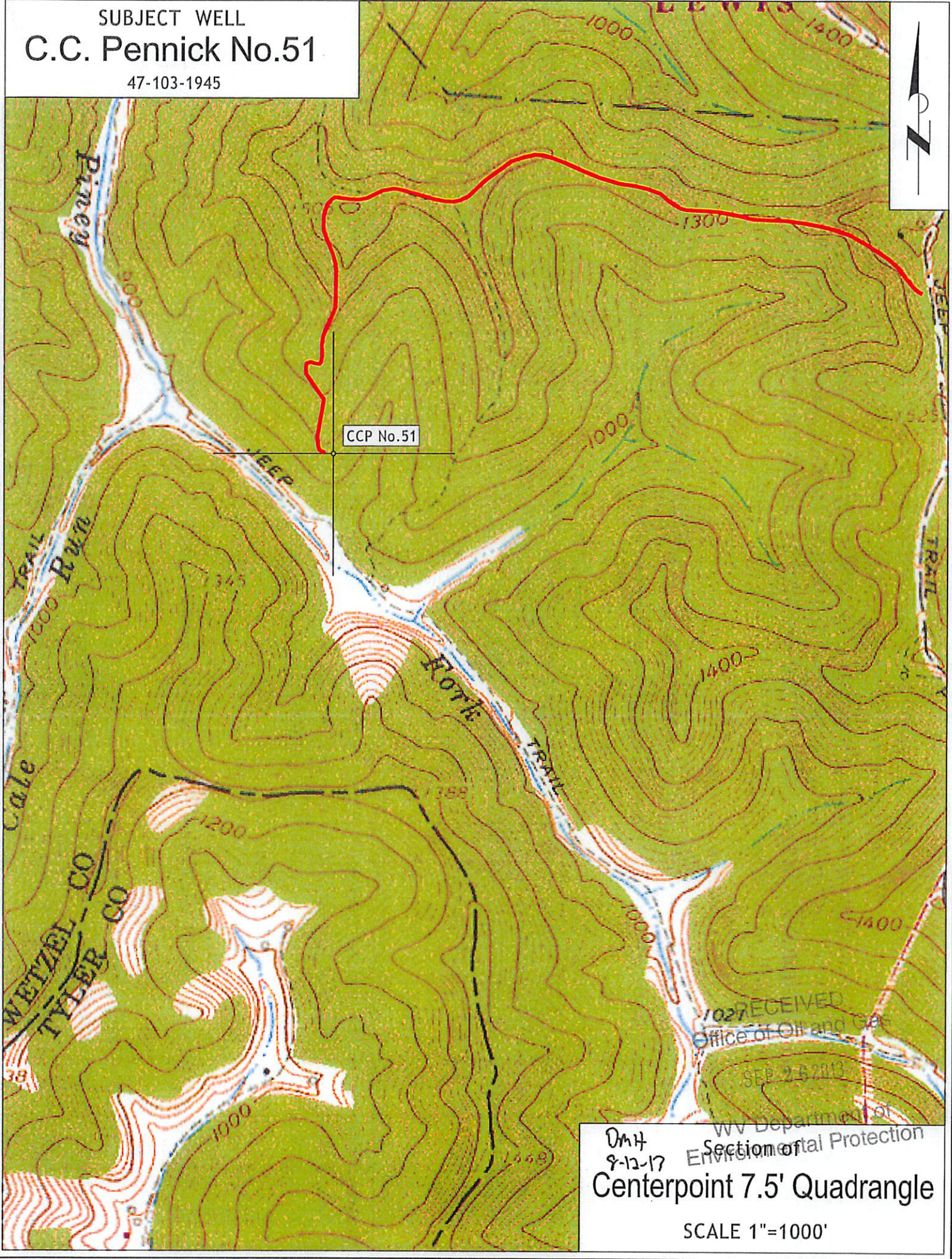
WELL TYPE: OIL      GAS      LIQUID INJECTION X WASTE DISPOSAL       
 (IF "GAS") PRODUCTION      STORAGE      DEEP      SHALLOW       
 LOCATION: ELEVATION 1,090' WATERSHED Piney Fork  
 DISTRICT Green COUNTY Wetzel  
 QUADRANGLE Centerpoint 7.5'  
 SURFACE OWNER W.Va. Public Lands Corp. ACREAGE 228 Ac.  
 OIL & GAS ROYALTY OWNER HG Energy, LLC et al. LEASE ACREAGE       
 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) Convert to Liquid Injection  
 PLUG AND ABANDON      CLEAN OUT AND REPLUG       
 TARGET FORMATION Gordon ESTIMATED DEPTH 3,119'  
 WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Mike Kirsch  
 ADDRESS 5260 Dupont Road ADDRESS 5260 Dupont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

FORM IV-6

11/08/2013



SUBJECT WELL  
**C.C. Pennick No.51**  
47-103-1945



DMH  
8-12-17  
**Centerpoint 7.5' Quadrangle**  
SCALE 1"=1000'