

NOTES ON SURVEY

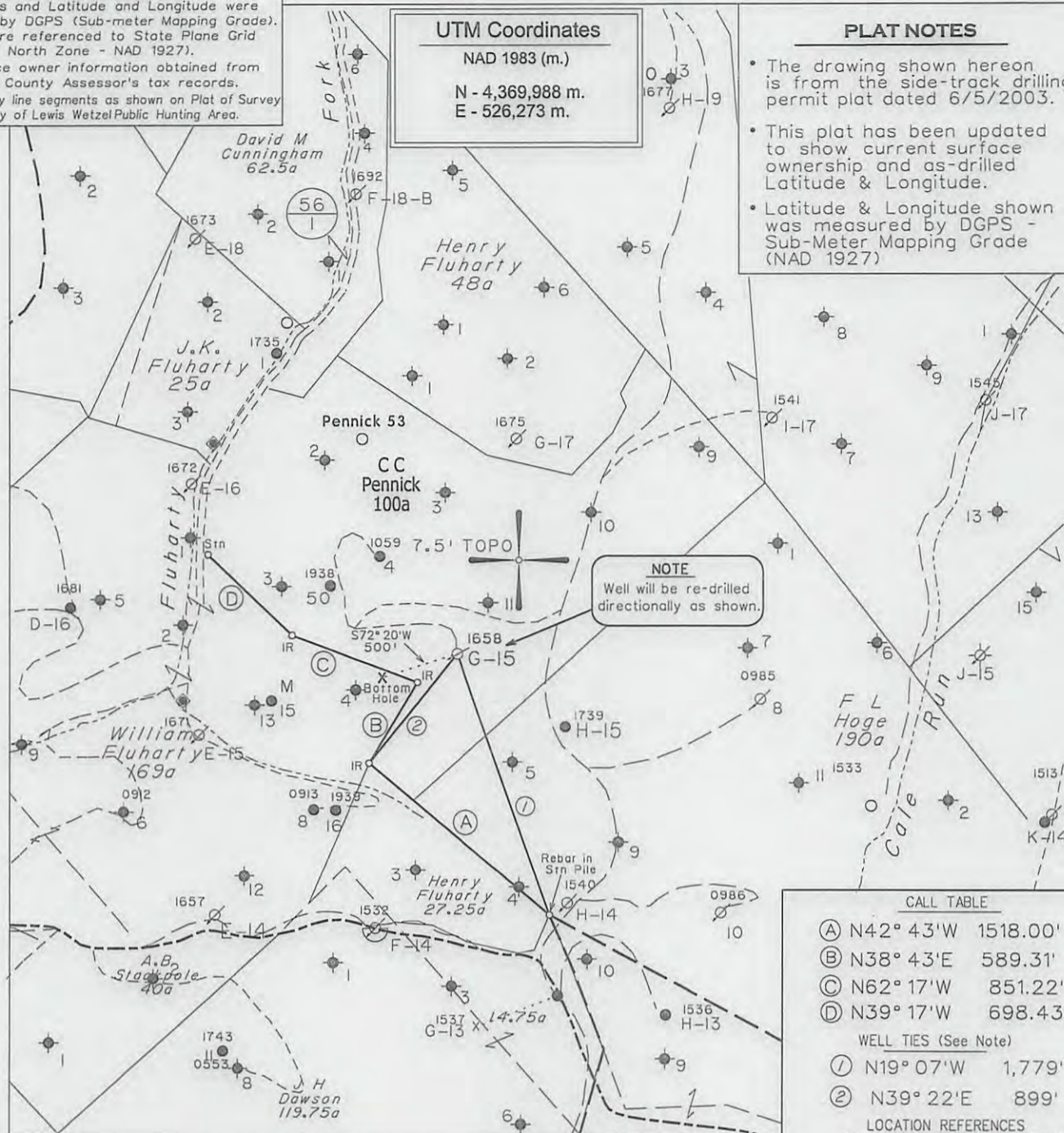
- 1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to State Plane Grid North (WV North Zone - NAD 1927).
- 2 - Surface owner information obtained from the Wetzel County Assessor's tax records.
- 3 - Property line segments as shown on Plat of Survey by W.P. Foley of Lewis Wetzel Public Hunting Area.

UTM Coordinates

NAD 1983 (m.)  
 N - 4,369,988 m.  
 E - 526,273 m.

PLAT NOTES

- The drawing shown hereon is from the side-track drilling permit plat dated 6/5/2003.
- 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)



**NOTE**  
 Well will be re-drilled directionally as shown.

CALL TABLE

- (A) N42° 43'W 1518.00'
- (B) N38° 43'E 589.31'
- (C) N62° 17'W 851.22'
- (D) N39° 17'W 698.43'

WELL TIES (See Note)

- (1) N19° 07'W 1,779'
- (2) N39° 22'E 899'

LOCATION REFERENCES  
 (Magnetic Bearing - Slope Dist.)

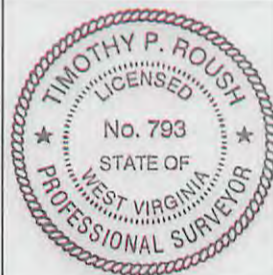
EXISTING WELL

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

FILE NO. \_\_\_\_\_  
 MAP NO. \_\_\_\_\_ N \_\_\_\_\_ S \_\_\_\_\_ E \_\_\_\_\_ W \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION WVDEP Records

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) *[Signature]*  
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA

Division of Environmental Protection  
 Office of Oil and Gas  
 601 57th Street  
 Charleston, West Virginia 25304



July 19, 2013

FARM C.C. Pennick NO. G-15

API WELL NO.

47-103-01658 RS

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION  WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1,295' WATERSHED Fluharty Fork  
 DISTRICT Green COUNTY Wetzel  
 QUADRANGLE Centerpoint 7.5'

SURFACE OWNER W.Va. Public Lands Corp. ACREAGE 100 Ac.

OIL & GAS ROYALTY OWNER East Resources, 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) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ 3371

TARGET FORMATION Gordon ESTIMATED DEPTH 3,297' MD

WELL OPERATOR HG Energy, LLC

DESIGNATED AGENT Mike Kirsch

ADDRESS 5260 Dupont Road

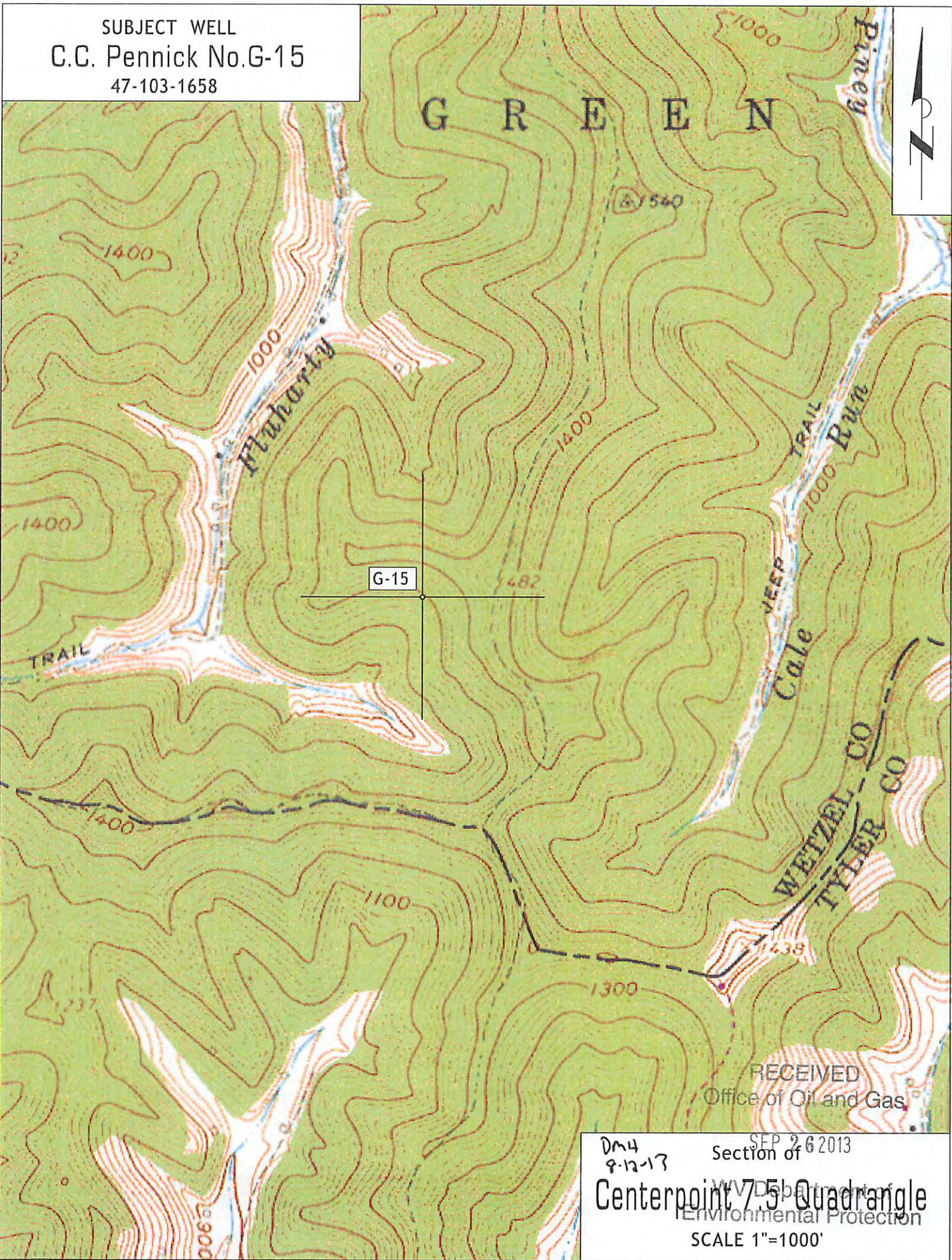
ADDRESS 5260 Dupont Road

Parkersburg, WV 26101

Parkersburg, WV 26101

11/08/2013

SUBJECT WELL  
C.C. Pennick No.G-15  
47-103-1658



RECEIVED  
Office of Oil and Gas

Dm4  
8-12-13  
Section of  
Centerpoint 7.5 Quadrangle  
WVD Department of  
Environmental Protection  
SCALE 1"=1000'

SEP 26 2013