

Latitude: N 39° 17' 30"

Longitude: W 79° 52' 30"

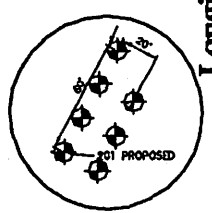
TRACT	LESSOR	PARCEL NUMBER
1	RIDDLE O. S. & MARGARET Y	422006487
2	MICK ROBERT D & LISBETH A	422008521
3	NESTOR NATHANIEL BURT JR & ANNA-ELIZABETH	422008645
4	NESTOR NATHANIEL BURT JR & ANNA-ELIZABETH	422008518
5	NESTOR NATHANIEL BURT JR & ANNA-ELIZABETH	422008644
6	AKERS GARY G & JOYCE K	422008514
7	SHELDON TIMOTHY & JANET	422008516
8	PITZER GEORGE D, LIFE EST	422009631
9	UNGER FRANK E JR	422008512
10	UNGER FRANK E JR	422008510
11	BOYCE LAWRENCE JR	422008643
12	HARKER ROSALEA	422008489
13	BOYCE LAWRENCE JR	422008637
14	BOYCE LAWRENCE JR	422008640
15	BOYCE LAWRENCE JR	422008515
16	HARKER ROSALEA	422008491
17	MOWEN, BEN & BERGDORF, ZACKARY	422008477
18	HARKER ROSALEA	422008479
19	HARSHBERGER BEATRICE L/E	422009692
20	KEFNER DAVID A & MARY CRAIG	422008459
21	SMITH ROY C JR & MARY	422007480

GENERAL NOTES:

- THE BOUNDARY LINES SHOWN HEREON ARE BASED ON RECORD DEED, PLATS, AND TAX MAPS BEST FIT TO FOUND FIELD EVIDENCE AND AERIAL PHOTOS.
- THIS PLAT DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE INDIVIDUAL PARCELS.

*JAM*  
7-13-12

DETAIL N.T.S.



LINE	BEARING	LENGTH
L1	S88°13'57"E	408'
L2	N85°54'18"W	248'
L3	N55°49'48"E	399'
L4	S81°45'37"W	842'

LEGEND



PROPOSED GAS WELL

PROPOSED BOTTOM HOLE

PROPOSED BORE

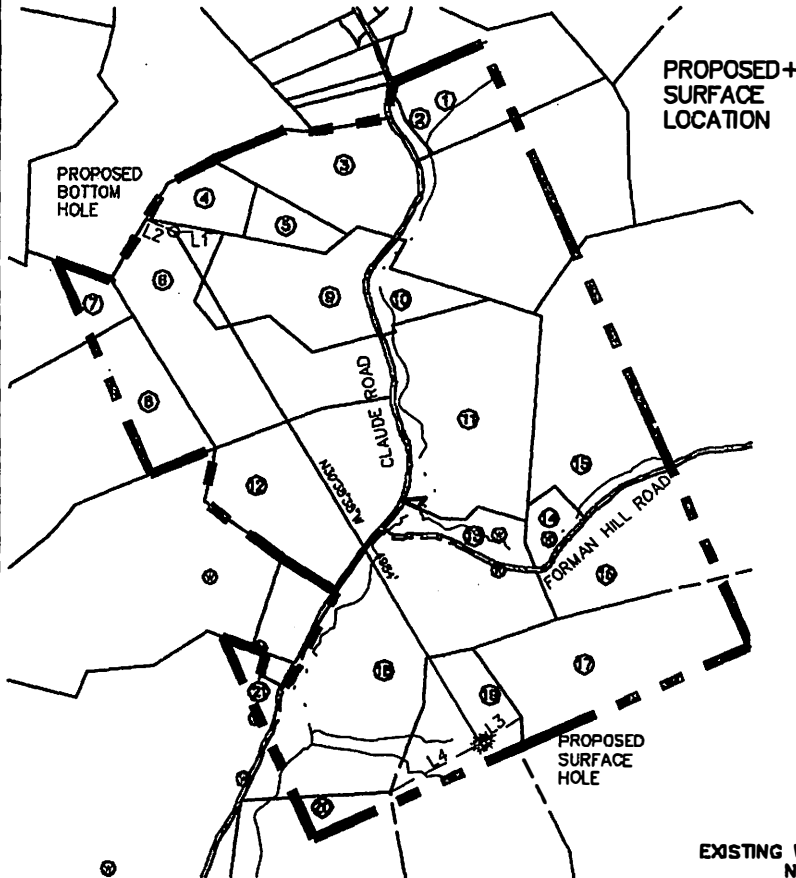
PROPERTY CORNER TIE LINE

OIL & GAS LEASE BOUNDARY

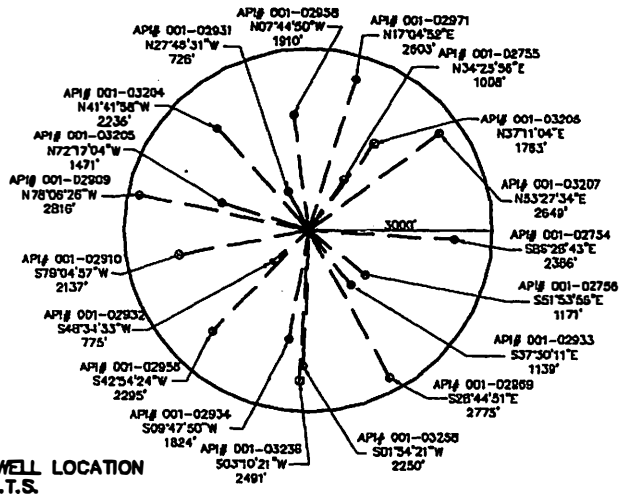
STREAM

WATER WELL

GRID NORTH  
NAD 83



SURFACE POINT	BOTTOM HOLE
LAT: 39.270733° (NAD 83) LONG: 79.898917° (NAD 83) N: 280973.06 (NAD 83) E: 1855583.18 (NAD 83)	LAT: 39.282476° (NAD 83) LONG: 79.90786° (NAD 83) N: 285261.41 (NAD 83) E: 1853022.80 (NAD 83)
LAT: 39.270835 (NAD 27) LONG: 79.899121 (NAD 27) N: 280932.14 (NAD 27) E: 1887002.44 (NAD 27)	LAT: 39.282379 (NAD 27) LONG: 79.90816 (NAD 27) N: 285220.74 (NAD 27) E: 1884461.81 (NAD 27)
N: 4347398.81m (UTM NAD 83) E: 584881.42m (UTM NAD 83)	N: 4348682.34m (UTM NAD 83) E: 584185.86m (UTM NAD 83)



FILE#: 092942000

DRAWING#: 092942000\_PBase\_WellPlat

SCALE: 1" = 1,600'

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING SURVEY GPS

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 ENVIRONMENTAL PROTECTION.

SIGNED: \_\_\_\_\_

R.P.E.: \_\_\_\_\_

LLS.: \_\_\_\_\_

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP

OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304



DATE: JULY 10, 2012

OPERATOR'S WELL #: HARSHBERGER 201

API WELL #: 47 001 0327446A

STATE: \_\_\_\_\_ COUNTY: \_\_\_\_\_ PERMIT: \_\_\_\_\_

WELL TYPE:  OIL  WASTE DISPOSAL  PRODUCTION  DEEP

GAS  LIQUID INJECTION  STORAGE  SHALLOW

WATERSHED: TYGART VALLEY

COUNTY/DISTRICT: BARBOUR / COVE

SURFACE OWNER: BEATRICE HARSHBERGER

OIL & GAS ROYALTY OWNER: \_\_\_\_\_

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE

PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON

CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS

WELL OPERATOR: MOUNTAINEER KEYSTONE, LLC

ADDRESS: 1111 VAN VOORHIS DRIVE SUITE G

CITY: MORGANTOWN STATE: WV ZIP CODE: 26505

DESIGNATED AGENT: JOHN NOCK

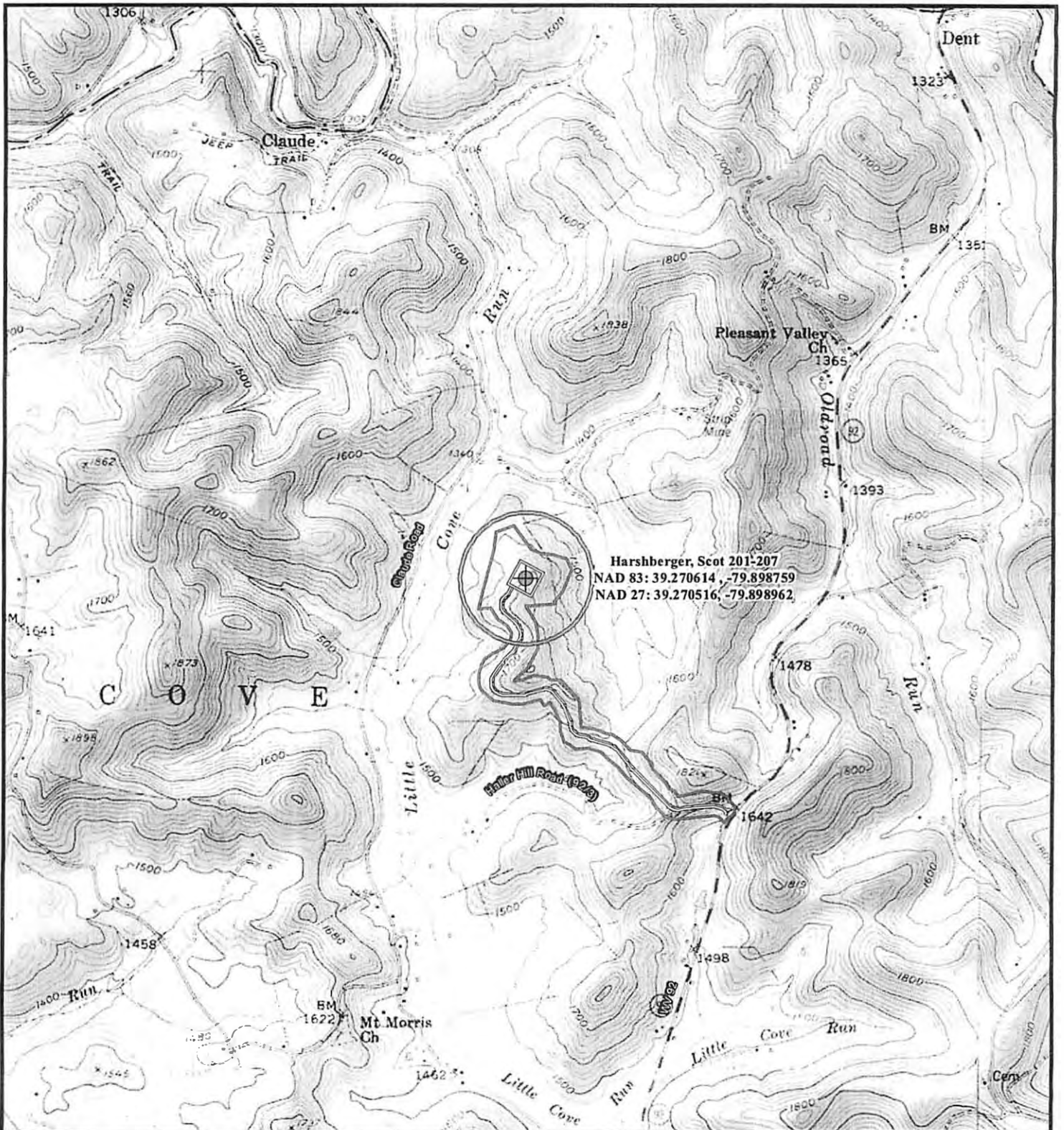
ADDRESS: 1111 VAN VOORHIS DRIVE SUITE G

CITY: MORGANTOWN STATE: WV ZIP CODE: 26505





ESTIMATED DEPTH: TMD: 12878' TVD: 8009'

11/09/2012





Harshberger, Scot 201-207  
 NAD 83: 39.270614, -79.898759  
 NAD 27: 39.270516, -79.898962

-  Proposed Well Pad
-  Well Pad & Access Road Outline
-  Area of Investigation (78 Acres)
-  1,000 Foot Buffer

**RECEIVED**  
**Office of Oil and Gas**

AUG 18 2012

WV Department of  
**Environmental Protection**

Cove District, Barbour County, WV  
 Thornton, WV USGS 7.5' Topographic Quadrangle

8/7/2012

**Mountaineer Keystone**

Harshberger, Scot 201-207

Figure 3: Water Purveyor Topographic Map

Project No: 092942000









Mountaineer  **RETTEW**





**Mountaineer Keystone, LLC**  
 Harshberger, Scot 201-207  
 1500 Foot Landowner Map  
 Cove District, Barbour County, WV  
 PROJECT NO: 092942000

-  Well Pad Centroid
-  NHD Stream
-  NW1 Wetland
-  Parcel Boundary
-  1500 Foot Well Buffer
-  Parcels Touching Buffer

