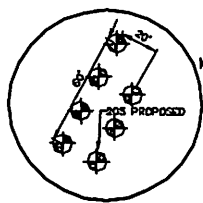


GRID NORTH  
NAD 83

TRACT	LESSOR	PARCEL NUMBER
1	RIDDLE O. S. & MARGARET Y	422006487
2	MCK 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	JAKERS GARY G & JOYCE K	422008514
7	SHELDON TIMOTHY & JANET	422008518
8	PITZER GEORGE D, LIFE EST	422008631
9	LINGER FRANK E JR	422008512
10	LINGER FRANK E JR	422008510
11	BOYCE LAWRENCE JR	422008843
12	HARKER ROSALEA	422008489
13	BOYCE LAWRENCE JR	422008637
14	BOYCE LAWRENCE JR	422008840
15	BOYCE LAWRENCE JR	422008515
16	HARKER ROSALEA	422008491
17	MOWEN, BEN & BERGDORF, ZACKARY	422008477
18	HARKER ROSALEA	422008479
19	HARSHBERGER BEATRICE I /F	422008692
20	KEENER DAVID A & MARY CRAIG	422008459
21	SMITH ROY C JR & MARY	422007480
22	WOLFE CATHARINE	422008444
23	WOLFE JOHN MOORE & MARGARET J	422008411
24	PITZER JAMES	422008391
25	MACKAY MARGARET LIFE EST & JOHN M WOLFE	422008402
26	WOLFE JOHN M & VICKIE C	422005906
27	WOLFE HAZEL N	422008474
28	MACKAY MARGARET J LIFE EST	422008375
29	MACKAY MARGARET LIFE EST & JOHN M WOLFE	422008410

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

DETAIL  
N.T.S

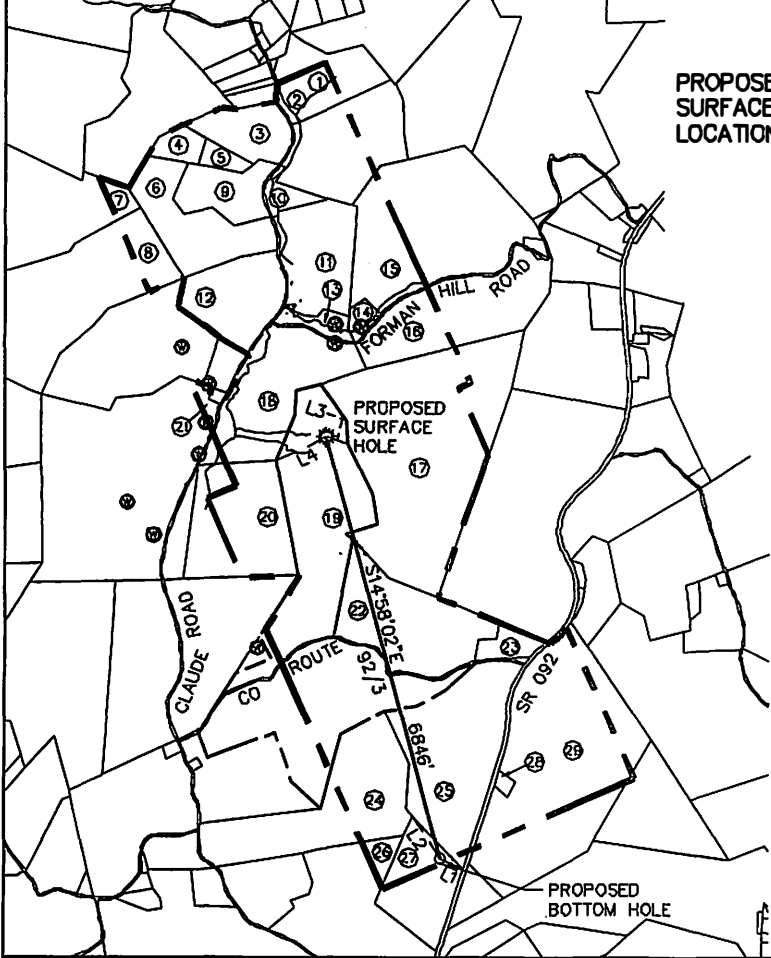


LINE	BEARING	LENGTH
L1	S63°30'00"E	400'
L2	N32°45'17"W	785'
L3	S71°38'40"E	355'
L4	S62°32'34"W	854'

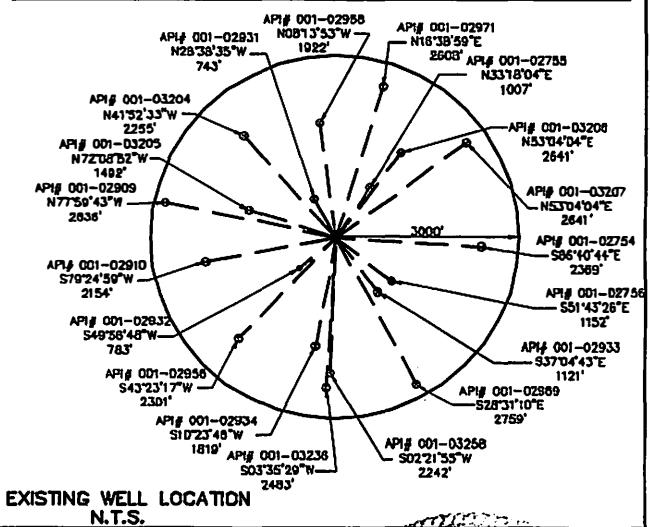
LEGEND

- PROPOSED GAS WELL
- PROPOSED BOTTOM HOLE
- PROPOSED BORE
- PROPERTY CORNER TIE LINE
- OIL & GAS LEASE BOUNDARY
- STREAM
- WATER WELL

PROPOSED SURFACE LOCATION +



SURFACE POINT	BOTTOM HOLE
LAT: 39.270708° (NAD 83) LONG: 79.898856° (NAD 83) N: 280963.87 (NAD 83) E: 1855560.82 (NAD 83)	LAT: 39.252570° (NAD 83) LONG: 79.892507° (NAD 83) N: 274349.63 (NAD 83) E: 1857348.00 (NAD 83)
LAT: 39.270810° (NAD 27) LONG: 79.899059° (NAD 27) N: 280922.76 (NAD 27) E: 1887020.10 (NAD 27)	LAT: 39.252471° (NAD 27) LONG: 79.892711° (NAD 27) N: 274308.31 (NAD 27) E: 1888788.45 (NAD 27)
N: 4347395.84m (UTM NAD 83) E: 594988.85m (UTM NAD 83)	N: 4345389.67m (UTM NAD 83) E: 598859.04m (UTM NAD 83)



FILE #: 092942000

DRAWING #: 092942000\_PBarea\_WellPlat

SCALE: 1" = 3,000'

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE: SUBMETER MAPPING  
OF ELEVATION: 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: *Scott M. Faulkner*  
R.P.E.: \_\_\_\_\_ L.L.S.: 2190



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

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



DATE: OCTOBER 02, 2012  
OPERATOR'S WELL #: HARSHBERGER 205  
API WELL #: 47 001 03276 H.L.A.

- WELL TYPE:  OIL  WASTE DISPOSAL  PRODUCTION  DEEP
- GAS  LIQUID INJECTION  STORAGE  SHALLOW

COUNTY/DISTRICT: TYGART VALLEY BARBOUR / COVE  
SURFACE OWNER: BEATRICE HARSHBERGER  
OIL & GAS ROYALTY OWNER: \_\_\_\_\_

ELEVATION: 1,706'  
QUADRANGLE: THORNTON  
ACREAGE: 203±(DEED)  
ACREAGE: \_\_\_\_\_

- DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE
- PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON
- CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

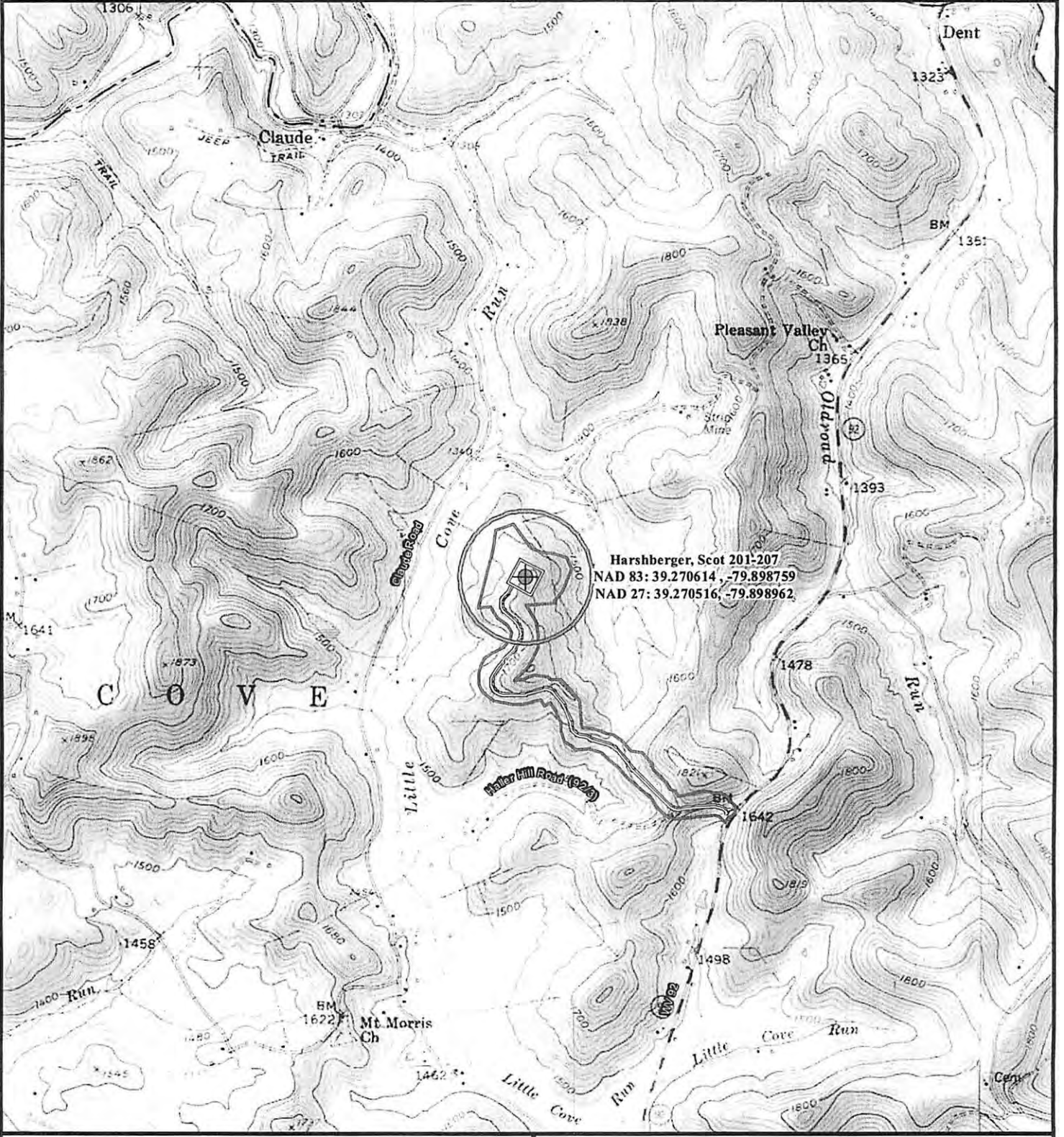
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TMD: 14946' TVD: 7859'





WELL OPERATOR: MOUNTAINEER KEYSTONE, LLC DESIGNATED AGENT: JOHN NOCK

ADDRESS: 1111 VAN VOORHIS DRIVE SUITE G ADDRESS: 1111 VAN VOORHIS DRIVE SUITE G

CITY: MORGANTOWN STATE: WV ZIP CODE: 26505 CITY: MORGANTOWN STATE: WV ZIP CODE: 26505

1-03276



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

**RECEIVED**  
**Office of Oil and Gas**  
 AUG 13 2012

**WV Department of Environmental Protection**  
 8/7/2012

Cove District, Barbour County, WV  
 Thorton, WV USGS 7.5' Topographic

**Mountaineer Keystone**  
 Harshberger, Scot 201-207  
 Figure 3: Water Purveyor Topographic Map  
 Project No: 092942000

