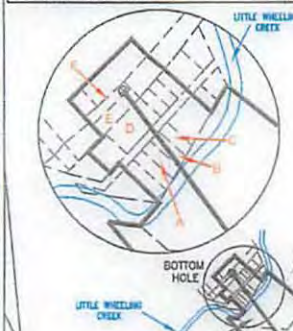
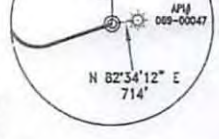
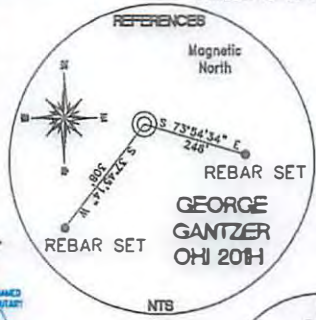


PROPERTY OWNER	ACRES	LEASE NUMBER	PARCEL ID
A - MICHAEL J. BOKANOVICH	.119	47-000351-000	TW9-14
- CHARLES D. HOLMAN	.111	47-000459-000	TW9-15
- ROBERT H. DANEHART	.103	47-001678-000	TW9-18
- HARRY & EDNA JOHNSON	.331	47-000584-000	TW9-10
- HARRY & EDNA JOHNSON	.063	47-000584-000	TW8-78.1
- ROBERT L. HOLPP	.156	47-001245-000	TW8-78



TOP HOLE BMD 80	BOTTOM HOLE BMD 80
N) 4432852.0 E) 534099.3	N) 4434052.8 E) 5323052.4

TOP HOLE BMD 80	KCP BMD 80	TP BMD 80	BOTTOM HOLE BMD 80
N) 564709.7 E) 1660489.4 LAT.) 40°02'42.5" LONG.) 80°36'00.9" DEC. LAT.) 40.045213 DEC. LONG.) 80.600258	N) 564018.3 E) 1658462.3 LAT.) 40°02'35.7" LONG.) 80°36'26.6" DEC. LAT.) 40.043248 DEC. LONG.) 80.607397	N) 564419.4 E) 1658163.7 LAT.) 40°02'39.6" LONG.) 80°36'30.5" DEC. LAT.) 40.044339 DEC. LONG.) 80.608481	N) 565743.1 E) 1654943.8 LAT.) 40°03'22.0" LONG.) 80°37'12.6" DEC. LAT.) 40.050098 DEC. LONG.) 80.620173

**REFERENCE NOTES**  
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Ohio County, West Virginia JUNE 2011  
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS  
Dated by: EAM

FILE #: CHE 019  
DRAWING #: 2005  
SCALE: 1"=1400'  
MINIMUM DEGREE OF ACCURACY: 1/200  
PROVEN SOURCE: SUBMETER MAPPING GRADE 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: *[Signature]*  
L.L.S. #2124 : Ernest J. Benchek III



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

OFFICE OF OIL & GAS  
601 5TH STREET  
CHARLESTON, WV 25304

Well Type:  Oil  Waste Diposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,244'

COUNTY/DISTRICT: OHIO/TRIDELPHIA QUADRANGLE: VALLEY GROVE WV.

SURFACE OWNER: GEORGE E. III AND PATRICIA J. GANTZER ACREAGE: 82.019 +/-

OIL & GAS ROYALTY OWNER: GEORGE E III AND PATRICIA J. GANTZER ACREAGE: 891.89 +/-

LEASE NUMBERS: \_\_\_\_\_

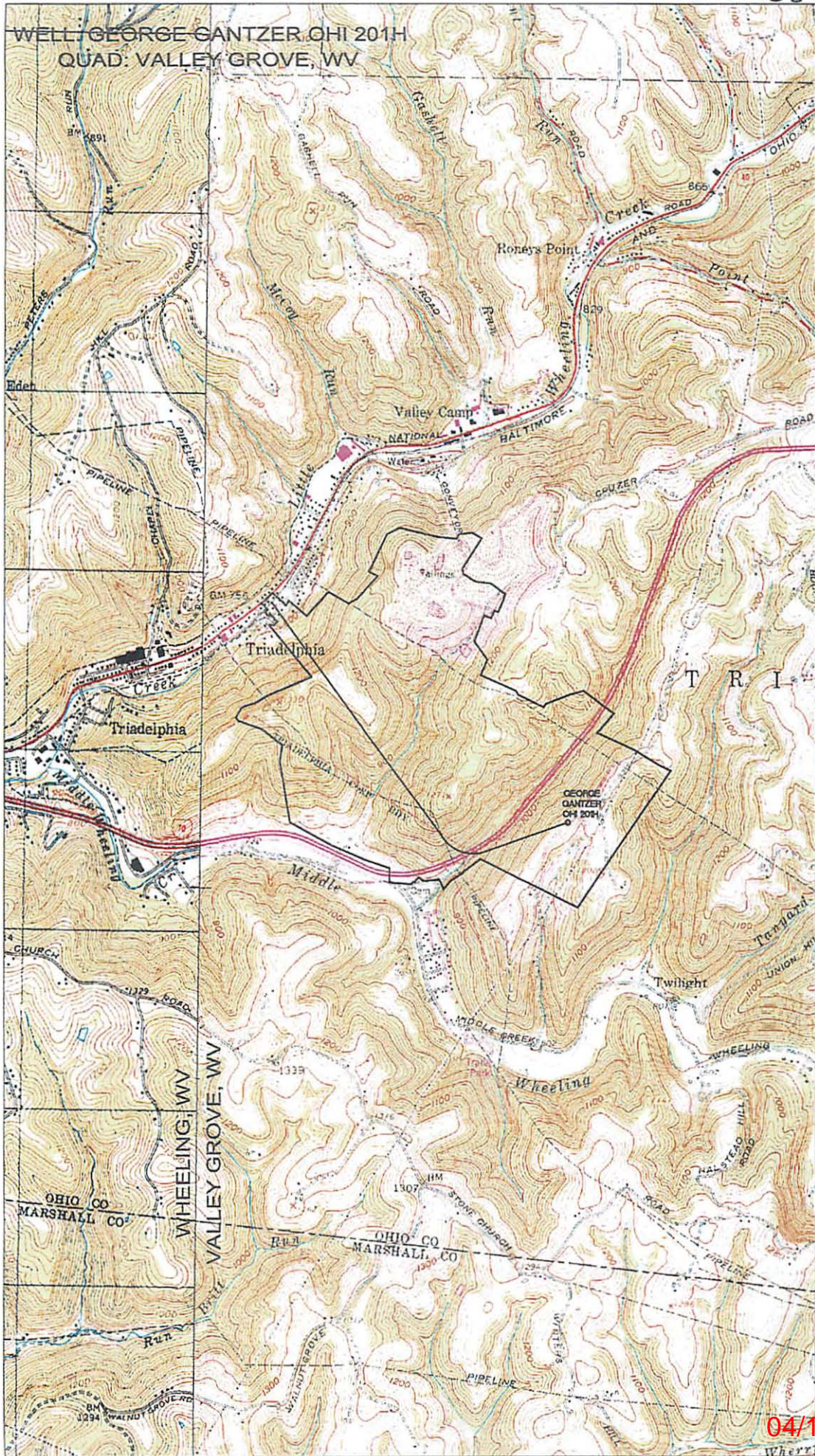
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TWD: 6,398' TMD: 12,477'

WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC B. GILLESPIE  
ADDRESS: PO BOX 18496 ADDRESS: 414 SUMMER ST.

CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

04/12/2013



WPA  
 2-12-8  
 MKK  
 2-12-8