

<b>TOP HOLE (NAD 83)</b> N) 565626.4 E) 1664799.9 LAT.) 40°02'52.3" LONG.) 80°35'05.4" DEC. LAT.) 40.047874 DEC. LONG.) 80.584831	<b>KOP (NAD 83)</b> N) 565214.7 E) 1662767.8 LAT.) 40°02'48.0" LONG.) 80°35'31.5" DEC. LAT.) 40.046677 DEC. LONG.) 80.592072	<b>TP (NAD 83)</b> N) 565623.5 E) 1662479.9 LAT.) 40°02'52.0" LONG.) 80°35'35.2" DEC. LAT.) 40.047789 DEC. LONG.) 80.593117	<b>BOTTOM HOLE (NAD 83)</b> N) 569953.8 E) 1659431.1 LAT.) 40°03'34.5" LONG.) 80°36'15.1" DEC. LAT.) 40.059573 DEC. LONG.) 80.604197
<b>TOP HOLE (NAD 27)</b> N) 565589.4 E) 1696234.5 LAT.) 40°02'52.1" LONG.) 80°35'06.1" DEC. LAT.) 40.047801 DEC. LONG.) 80.585035	<b>KOP (NAD 27)</b> N) 565177.8 E) 1694202.5 LAT.) 40°02'47.8" LONG.) 80°35'32.2" DEC. LAT.) 40.046603 DEC. LONG.) 80.592275	<b>TP (NAD 27)</b> N) 565586.6 E) 1693914.6 LAT.) 40°02'51.8" LONG.) 80°35'36.0" DEC. LAT.) 40.047715 DEC. LONG.) 80.593320	<b>BOTTOM HOLE (NAD 27)</b> N) 569917.0 E) 1690865.8 LAT.) 40°03'34.2" LONG.) 80°36'15.8" DEC. LAT.) 40.059500 DEC. LONG.) 80.604399

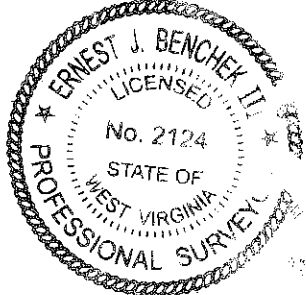
<b>TH (UTM-NAD 83)</b> N) 4433153.4 E) 535414.0
<b>BOTTOM HOLE (UTM-NAD 83)</b> N) 4434252.2 E) 533903.6

<b>REFERENCE LINES</b> RL #1 S 89°55'48" W 2,320'
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**REFERENCE NOTES**  
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. Ownership taken from public records Ohio County, West Virginia JUNE 2011  
 State Plane Coordinates & NAD 83 Lot/Long by differential submeter mapping grade GPS  
 Drafted by E.A.N.

FILE #: CHE 083  
 DRAWING #: 2025  
 SCALE: 1" = 1200'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE: SUBMETER MAPPING OF ELEVATION: 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: \_\_\_\_\_  
 L.L.S. #2124 : Ernest J. Benchek III



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

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

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,335'

COUNTY/DISTRICT: OHIO / TRIADDELPHIA QUADRANGLE: VALLEY GROVE, WV.

SURFACE OWNER: DEBORAH ANN CRAIG AND SETH COLLINS CRAIG ACREAGE: 84.63 +/-

OIL & GAS ROYALTY OWNER: DEBORAH ANN CRAIG AND SETH COLLINS CRAIG ACREAGE: 288.241 +/-

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: TVD: 6,540' TMD: 12,560'

WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC GILLESPIE  
 ADDRESS: PO BOX 18496 ADDRESS: PO BOX 6070  
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25304

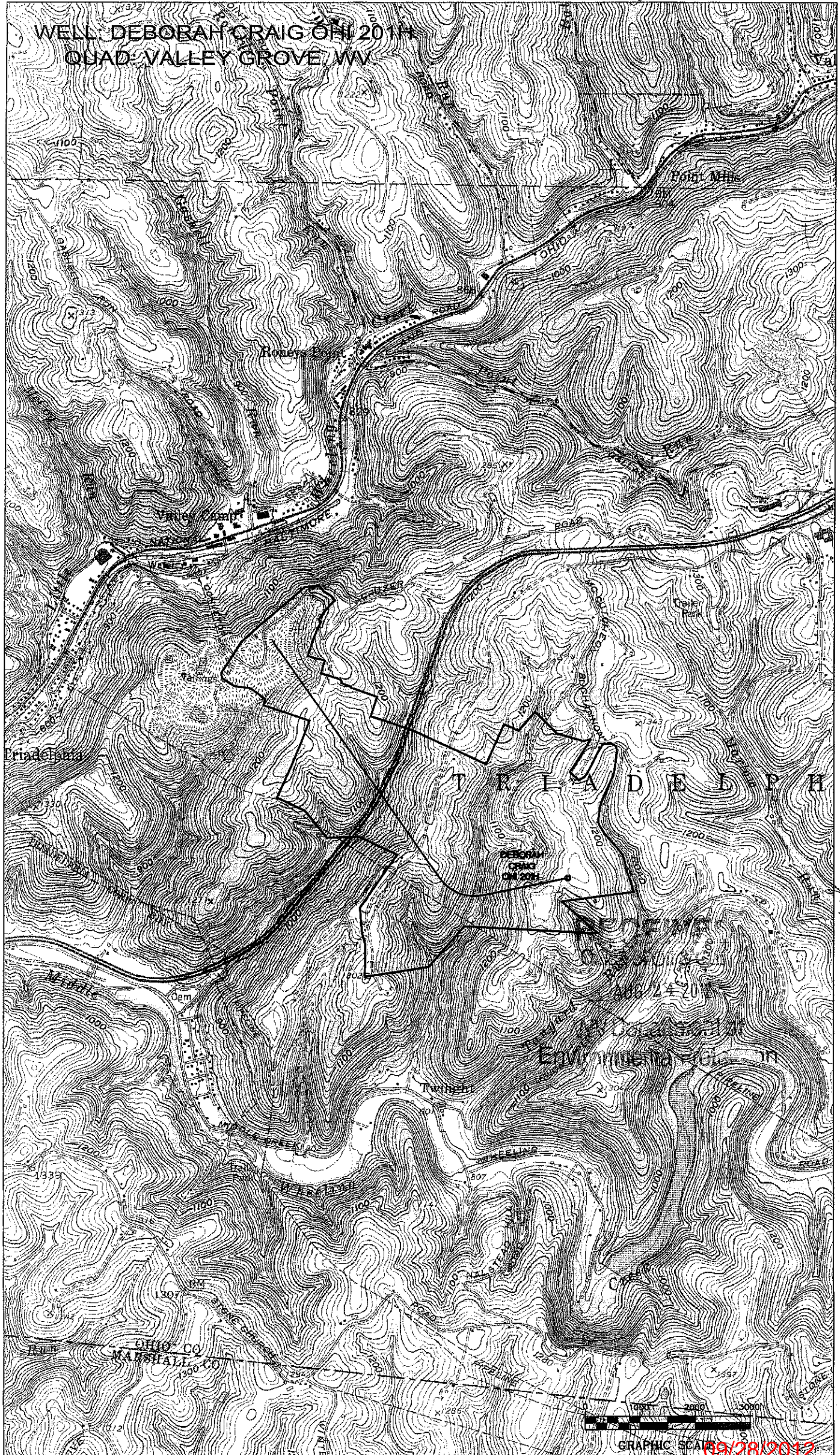
DATE: AUGUST 8, 2012

OPERATOR'S WELL #: DEBORAH CRAIG OHI 201H  
 API WELL #: 47 69 00150HGA  
 STATE COUNTY PERMIT

09/28/2012

69-06150

WELL DEBORAH CRAIG OH 201H  
QUAD VALLEY GROVE WV



Handwritten notes on the right margin, possibly including '69-06150' and other illegible characters.