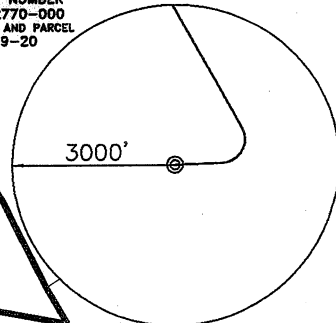
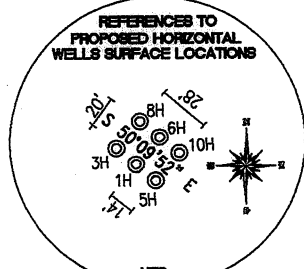
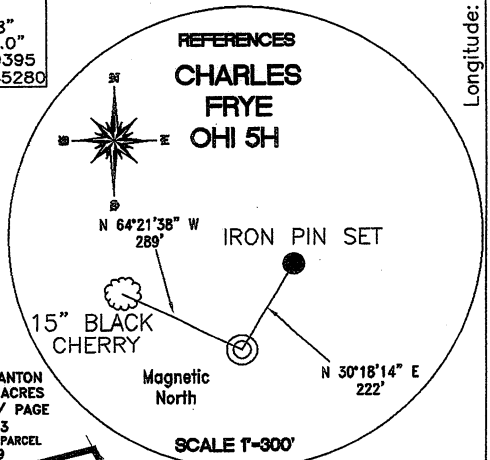


<b>TOP HOLE (NAD 83)</b> N) 567495.9 E) 1666995.6 LAT.) 40°03'11.1" LONG.) 80°34'37.4" DEC. LAT.) 40.053079 DEC. LONG.) 80.577069	<b>KOP (NAD 83)</b> N) 567534.9 E) 1668103.9 LAT.) 40°03'11.6" LONG.) 80°34'23.2" DEC. LAT.) 40.053222 DEC. LONG.) 80.573112	<b>KOP (NAD 27)</b> N) 567498.8 E) 1699538.4 LAT.) 40°03'11.3" LONG.) 80°34'24.0" DEC. LAT.) 40.053148 DEC. LONG.) 80.573316	<b>BOTTOM HOLE (NAD 83)</b> N) 573492.9 E) 1664826.3 LAT.) 40°04'10.1" LONG.) 80°35'06.3" DEC. LAT.) 40.069468 DEC. LONG.) 80.585077
<b>TOP HOLE (NAD 27)</b> N) 567459.0 E) 1698430.2 LAT.) 40°03'10.8" LONG.) 80°34'38.2" DEC. LAT.) 40.053005 DEC. LONG.) 80.577273	<b>FRANCES F. DARRAH</b> 21.3 TOTAL ACRES LEASE NUMBER 1-264342-000 TAX MAP AND PARCEL T08-21		<b>BOTTOM HOLE (NAD 27)</b> N) 573456.0 E) 1696260.9 LAT.) 40°04'09.8" LONG.) 80°35'07.0" DEC. LAT.) 40.069395 DEC. LONG.) 80.585280
<b>TP (NAD 83)</b> N) 567973.8 E) 1667862.9 LAT.) 40°03'15.9" LONG.) 80°34'26.4" DEC. LAT.) 40.054417 DEC. LONG.) 80.573991	<b>H A HOHMAN</b> 56.2 TOTAL ACRES LEASE NUMBER 1-265440-000 TAX MAP AND PARCEL T08-27		
<b>TP (NAD 27)</b> N) 567936.1 E) 1699297.4 LAT.) 40°03'15.6" LONG.) 80°34'27.1" DEC. LAT.) 40.054343 DEC. LONG.) 80.574196	<b>JOHN E. STANTON</b> 3.91 TOTAL ACRES DEED BOOK / PAGE 768/525 TAX MAP AND PARCEL T08-29		

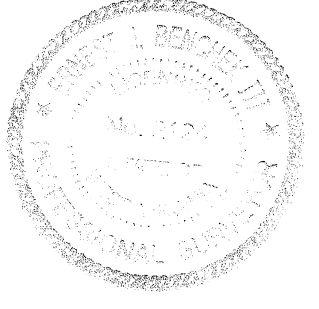


**REFERENCE LINES**  
 RL #1  
 N 61°11'03" W 990'

**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 APRIL 2011  
 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS  
 Drafted by: E.A.M.

FILE #: CHE 046  
 DRAWING #: 1595  
 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: *[Signature]*  
 L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 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: 1,260'

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

SURFACE OWNER: CHARLES AND DOROTHY FRYE ACREAGE: 105.00 +/-

OIL & GAS ROYALTY OWNER: CHARLES AND DOROTHY FRYE ACREAGE: 412.534 +/-

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: 6,250' TMD: 12,552'

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: 25301

DATE: JULY 26, 2011  
 OPERATOR'S WELL #: CHARLES FRYE OHI 5H  
 API WELL #: 47 69 00090H  
 STATE COUNTY PERMIT  
 Revised