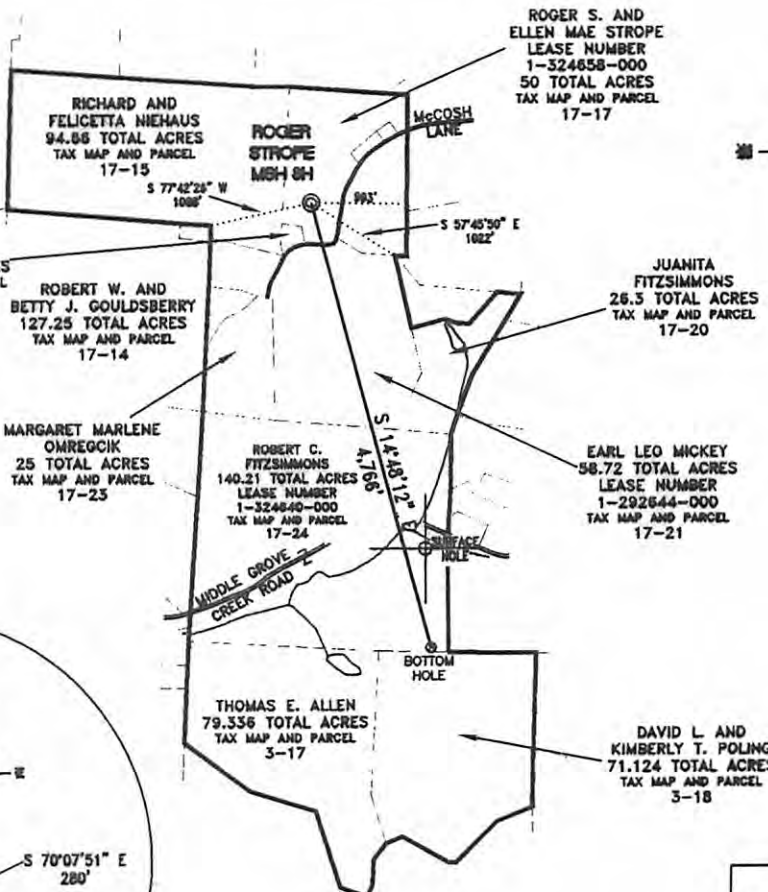
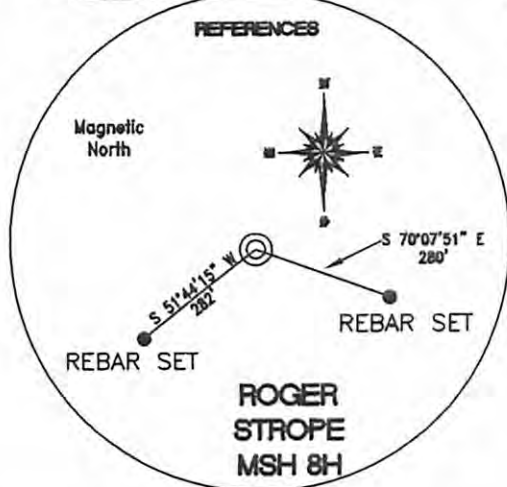
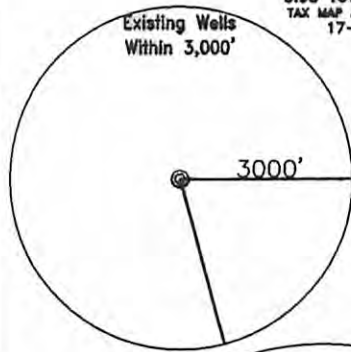


TOP HOLE (NAD 83) N) 508353.0 E) 1658399.9 LAT.) 39°53'25.6" LONG.) 80°36'18.6" DEC. LAT.) 39.890444 DEC. LONG.) 80.605173	BOTTOM HOLE (NAD 83) N) 503745.4 E) 1659617.6 LAT.) 39°52'40.2" LONG.) 80°36'02.3" DEC. LAT.) 39.877837 DEC. LONG.) 80.600633
TOP HOLE (NAD 87) N) 508315.9 E) 1689835.5 LAT.) 39°53'25.3" LONG.) 80°36'19.3" DEC. LAT.) 39.890367 DEC. LONG.) 80.605373	BOTTOM HOLE (NAD 87) N) 503708.3 E) 1691053.2 LAT.) 39°52'39.9" LONG.) 80°36'03.0" DEC. LAT.) 39.877759 DEC. LONG.) 80.600832

North



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 Marshall 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 058
 DRAWING #: 1637
 SCALE: 1" = 2000'
 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 5TH STREET
 CHARLESTON, WV 25304

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,460'
 COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MAJORSVILLE, WV.
 SURFACE OWNER: ROGER S. AND ELLEN MAE STROPE ACREAGE: 50 +/-
 OIL & GAS ROYALTY OWNER: ROGER S. AND ELLEN MAE STROPE ACREAGE: 317.89 +/-
 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: TVD: 6,931' TMD: 11,697'
 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 25301

DATE: APRIL 13, 2011
 OPERATOR'S WELL #: ROGER STROPE MSH 8H
 API WELL #: 47 51-01466H
 STATE COUNTY PERMIT
CANCELLED

09/06/2013