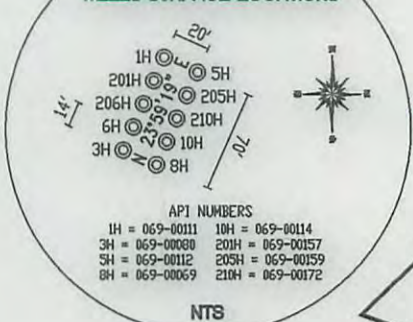


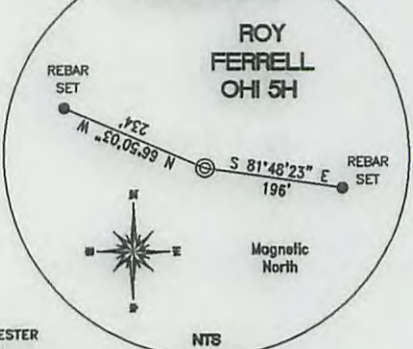
**REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS**



API NUMBERS  
1H = 069-0011 10H = 069-0014  
3H = 069-0008 201H = 069-00157  
5H = 069-00112 205H = 069-00159  
8H = 069-00069 210H = 069-00172

NTS

**REFERENCES**

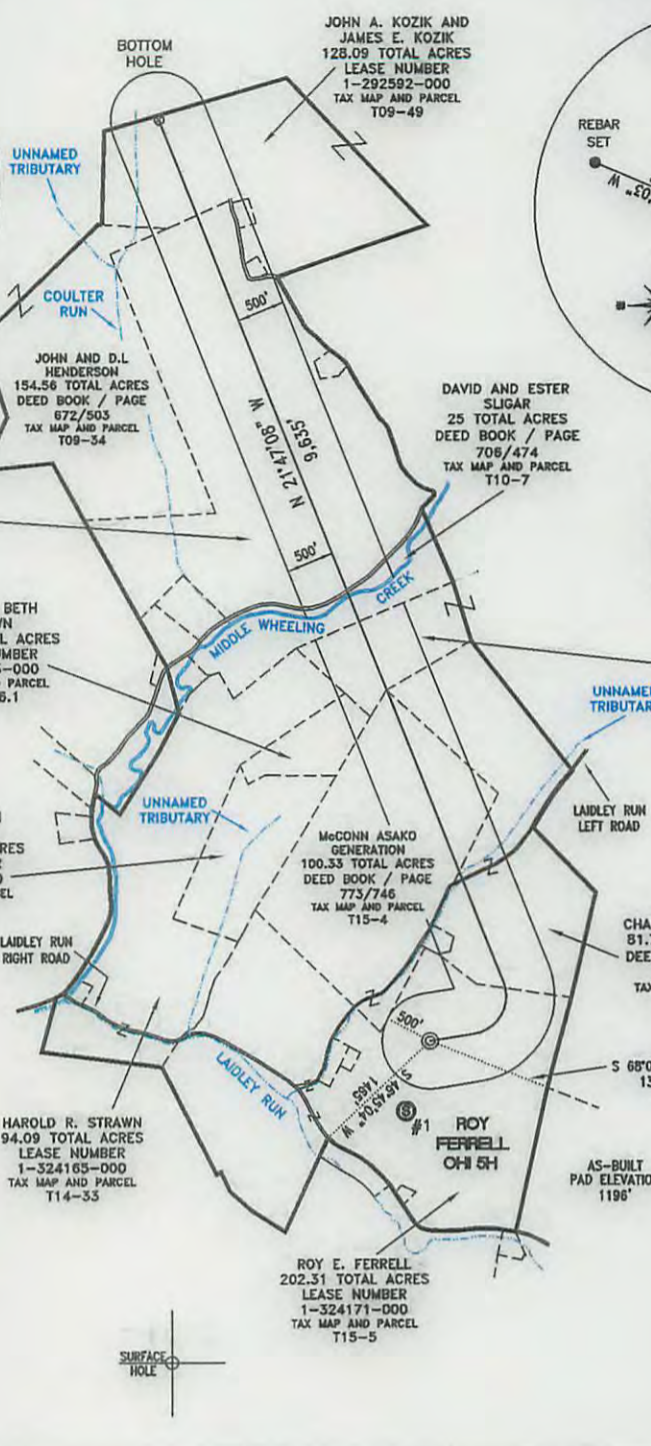


**ROY FERRELL OHI 5H**

Magnetic North

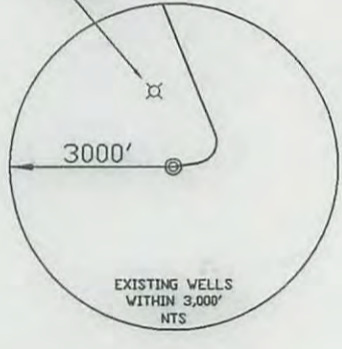
NTS

TH (UTM-NAD 83)	N) 4432667.8
	E) 540016.9
BOTTOM HOLE (UTM-NAD 83)	N) 4435567.1
	E) 539110.7



SPRING #1  
S 18°58'33" W 772'

API NUMBER  
069-00022  
N 13°52'29" W  
1,438'  
PLUGGED



EXISTING WELLS  
WITHIN 3,000'  
NTS

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

FILE #: CHE 034  
DRAWING #: 1854  
PLAT = 1" - 2000'  
SCALE: TICK MARK = 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: \_\_\_\_\_  
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: WHEELING CREEK  
COUNTY/DISTRICT: OHIO/TRIADELPHIA  
SURFACE OWNER: ROY E. FERRELL  
OIL & GAS ROYALTY OWNER: ROY E. FERRELL  
LEASE NUMBERS: \_\_\_\_\_

DATE: JULY 26, 2013  
OPERATOR'S WELL #: ROY FERRELL OHI 5H  
API WELL #: 47 69 00112 H6A MOD  
STATE COUNTY PERMIT

ELEVATION: 1196'  
QUADRANGLE: VALLEY GROVE WV.  
ACREAGE: 202.31 +/-  
ACREAGE: 719.704 +/-

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: 6,665' TMD: 16,690'  
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC.  
DESIGNATED AGENT: ERIC B. GILLESPIE  
ADDRESS: PO BOX 18496  
ADDRESS: Po Box 6070  
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496  
CITY: CHARLESTON STATE: WV ZIP CODE: 25305

08/09/2013