

LATITUDE 39°15'00"

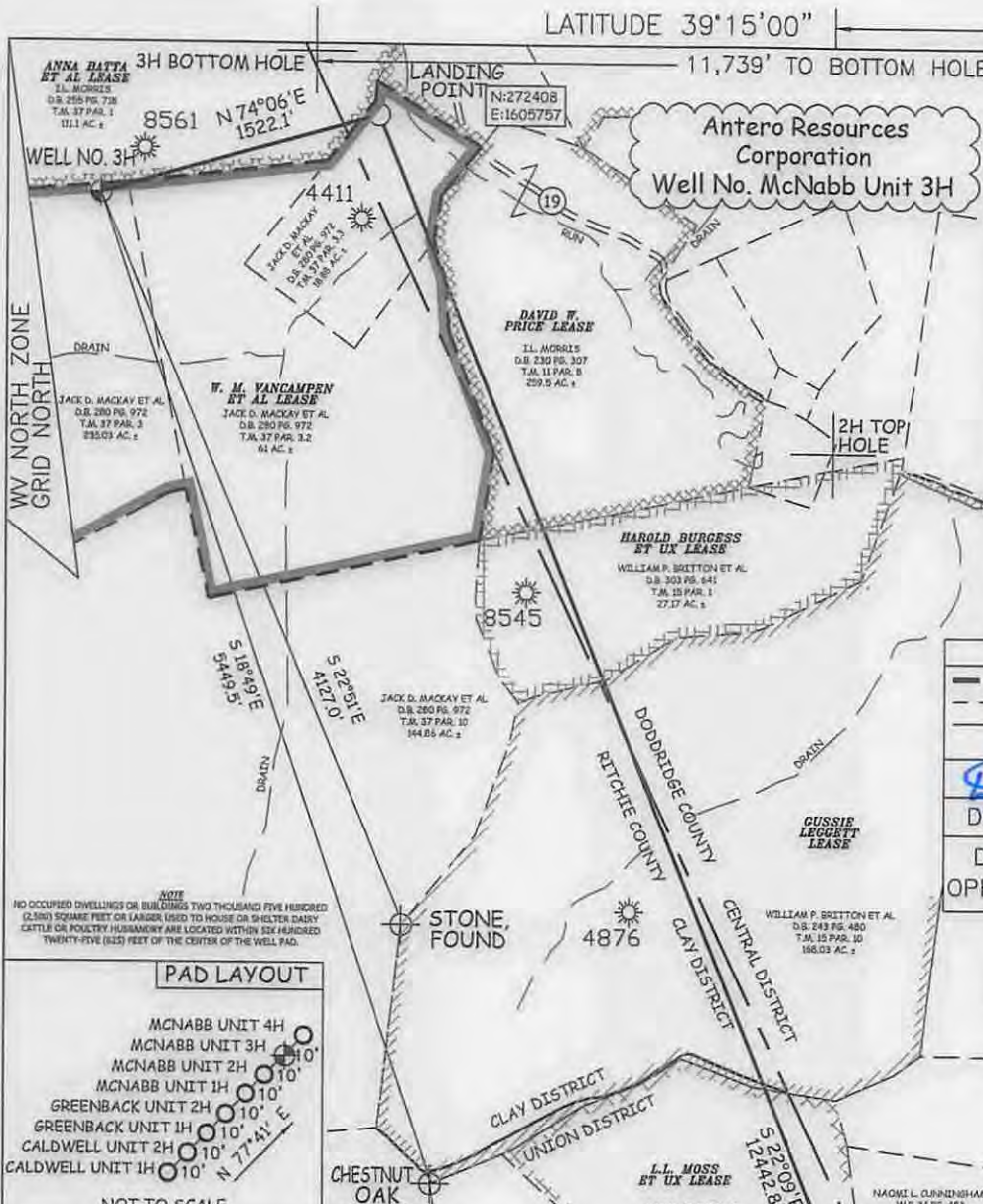
6,257'

LATITUDE 39°12'30"

86' TO BOTTOM HOLE  
LONGITUDE 80°50'00"

4,252'

LONGITUDE 80°52'30"



NOTES:  
 WELL 3H TOP HOLE INFORMATION:  
 N: 271,991ft E: 1,604,293ft  
 LAT: 39°14'17.98" LON: 80°53'49.53"  
 BOTTOM HOLE INFORMATION:  
 N: 260,884ft E: 1,610,449ft  
 LAT: 39°12'29.15" LON: 80°52'29.14"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
 WELL 3H TOP HOLE INFORMATION:  
 N: 4,343,239m E: 508,896m  
 BOTTOM HOLE INFORMATION:  
 N: 4,339,886m E: 510,828m

**LEGEND**

---	Surface Owner Boundary Lines +/-
- - -	Interior Surface Tracts +/-
X	Existing Fence
⊕	Found monument, as noted

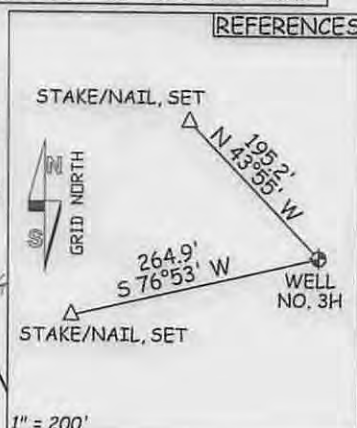
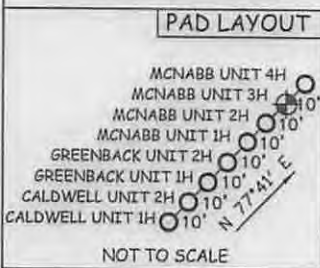
*D. R. R.*  
 DOUGLAS R. ROWE P.S. 2202

DATE 12/29/14  
 OPERATOR'S WELL# MCNABB UNIT #3H

API WELL #	47	085	10190
STATE	COUNTY	PERMIT	

JOB # 14-094WA  
 DRAWING # MCNABB3H  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

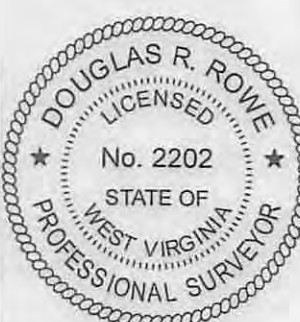
STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS



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 RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1,099' WATERSHED CABIN RUN  
 QUADRANGLE PULLMAN 7.5 (TH); OXFORD 7.5 (BH) DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER JACK D. MACKAY ET AL ACREAGE 253.03 ACRES +/-  
 OIL & GAS ROYALTY OWNER W.M. VANCAMPEN ET AL; ANNA BATTA ET AL LEASE ACREAGE 312 AC±; 111 AC±  
 DAVID W. PRICE; HAROLD BURGESS ET UX; GUSSIE LEGGETT 105 AC±; 29 AC±; 169 AC±  
 L.L. MOSS ET UX; PAUL K. GOODWIN ET UX; NATHAN PRIMM ET UX 54 AC±; 50 AC±; 37 AC±  
 JOSEPH E. HAUGHT; BRICE M. BYHAM ET VIR; RUSSEL GRAY ET AL 86 AC±; 41 AC±; 225 AC±  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL  
 (SPECIFY) MDD-BHL PLUG & ABANDON CLEAN OUT & REPLUG  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 19,600' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT  
 ADDRESS 1615 WYNKOOP STREET ADDRESS  
 FORM WW-6 DENVER, CO 80202

DIANNA STAMPER  
 CT CORPORATION SYSTEM  
 5400 D BIG TYLER ROAD  
 CHARLESTON, WV 25313

06/05/2015