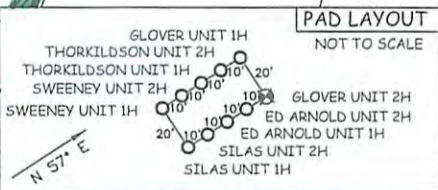


AS DRILLED DATA:
 WELL 2H TOP HOLE INFORMATION:
 N: 328,736ft E: 1,649,546ft
 LAT: 39°23'45.36" LON: 80°44'24.38"
 BOTTOM HOLE INFORMATION:
 N: 337,201ft E: 1,648,252ft
 LAT: 39°25'08.84" LON: 80°44'42.36"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
 ZONE WAS DERIVED FROM MEASUREMENTS TAKEN 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 2H TOP HOLE INFORMATION:
 N: 4,360,757m E: 522,394m
 BOTTOM HOLE INFORMATION:
 N: 4,363,329m E: 521,957m



JOB # 13-097WA
 DRAWING # GLOVER2HAD
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



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

LEGEND
 - - - Surface Owner Boundary
 - - - Interior Surface Tract
 X Existing Feasible
 ⊕ Found monument, as noted
 ⊙ Proposed Well Path
 ⊗ As Drilled Well Path

DATE 06/25/15
 OPERATOR'S WELL # GLOVER UNIT #2H
 API WELL # 47 - 095 - 02159
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 748' ORIGINAL - 745' AS DRILLED WATERSHED MCELROY CREEK
 QUADRANGLE CENTER POINT 7.5' DISTRICT McELROY COUNTY TYLER
 SURFACE OWNER FOREST & BRENDA MOORE ACREAGE 26.478 ACRES +/-
 OIL & GAS ROYALTY OWNER RALPH SWEENEY ET UX; RALPH SWEENEY ET UX; M.V.B. GEORGE; JAMES DOAN ET UX; ELIZA UNDERWOOD ET AL; H. HUMM
 LEASE ACREAGE 25.668 ACRES±; 55.43 ACRES±; 300 ACRES±; 263.67 ACRES±; 216 ACRES±; 77.26 ACRES±
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) (X) AS DRILLED
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,573' TVD 14,208' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

RECEIVED
 Office of Oil and Gas
 JUL 06 2015

07/24/2015

COUNTY NAME PERMIT