

LATITUDE 39°25'00"

8,990'

11,099' TO BOTTOM HOLE

LATITUDE 39°27'30"

7,535'

LONGITUDE 80°42'30"

14,244' TO BOTTOM HOLE

LONGITUDE 80°42'30"

Antero Resources Corporation
Well No. Glover Unit 1H
47-095-02158 (AS DRILLED)

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 328,753ft E: 1,649,535ft
LAT: 39°23'45.52" LON: 80°44'24.52"
BOTTOM HOLE INFORMATION:
N: 337,268ft E: 1,647,541ft
LAT: 39°25'09.41" LON: 80°44'51.43"
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 1H TOP HOLE INFORMATION:
N: 4,360,762m E: 522,390m
BOTTOM HOLE INFORMATION:
N: 4,363,346m E: 521,740m

WV NORTH ZONE GRID NORTH

ELIZA UNDERWOOD ET AL LEASE

MVRA H. PARKER D.B. 365 PG. 478 T.M. 17 PAR. 09 176 AC. ±

H. HUMM LEASE F.D. BURCIAGA ET AL D.B. 363 PG. 521 T.M. 17 PAR. 08 71.57 AC. ±

COASTAL LUMBER CO. D.B. 199 PG. 217 T.M. 17 PAR. 03 766 AC. ±

LLOYD PITTS D.B. 393 PG. 372 T.M. 17 PAR. 16 69 AC. ±

COASTAL LUMBER CO. D.B. 340 PG. 272 T.M. 17 PAR. 14 79.02 AC. ±

NOTE
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.
6. THIS WELL BORE IS SUBJECT TO THAT 60 FOOT STRIP OF LAND KNOWN AS THE OLD SISTERVILLE AND SALEM TURNPIKE WHICH MAY OR MAY NOT COINCIDE WITH THE CURRENT LOCATION OF WV STATE ROUTE 23 IN THIS AREA.

GARY T. MILEY SR. ET AL D.B. 331 PG. 12 T.M. 17 PAR. 18.3 6.53 AC. ±

ANTHONY CLARK ET AL D.B. 334 PG. 201 T.M. 17 PAR. 17 31.49 AC. ±

CLIFTON D. WEEKLEY ET AL D.B. 268 PG. 566 T.M. 17 PAR. 19 11.1 AC. ±

A - RALPH SWEENEY D.B. 301 PG. 2 T.M. 20 PAR. 17.1 12.466 AC. ±
B - HARVEY LEWISTERS W.B. 34 PG. 23 T.M. 20 PAR. 17.2 8.919 AC. ±
C - FOREST MOORE W.B. 34 PG. 23 T.M. 20 PAR. 14 0.81 AC. ±
D - FOREST MOORE D.B. 296 PG. 134 T.M. 20 PAR. 13.1 26.478 AC. ±
E - JAMES T. MURPHY D.B. 336 PG. 707 T.M. 20 PAR. 20 5.04 AC. ±
F - DORISCH OF CHRIST D.B. 50 PG. 481 T.M. 20 PAR. 21 4 AC. ±
G - J. AMERICA ET AL D.B. 331 PG. 624 T.M. 20 PAR. 23 1.02 AC. ±
H - DANIEL D. MOORE D.B. 380 PG. 33 T.M. 20 PAR. 22 2.79 AC. ±
I - TERESA V. WEEKLEY D.B. 381 PG. 822 T.M. 20 PAR. 06.3 6.14 AC. ±
J - RALPH T. SWEENEY ET AL D.B. 302 PG. 446 T.M. 20 PAR. 06.2 3.461 AC. ±

JAMES DOAN ET UX LEASE

JAMES D. TENNANT D.B. 08 PG. 374 T.M. 17 PAR. 19 184.65 AC. ±

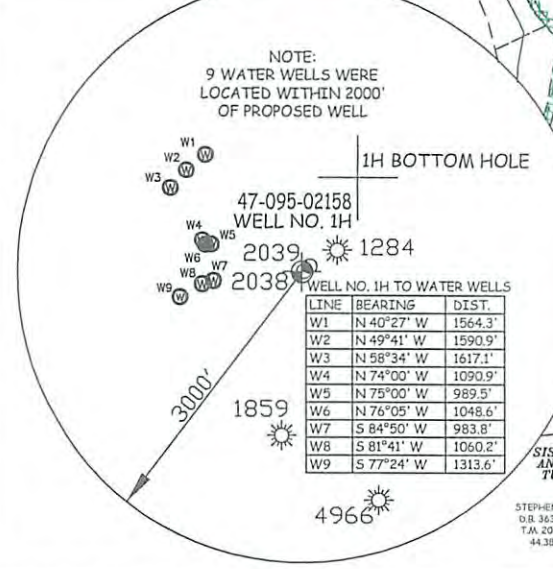
GARY T. MILEY SR. ET AL D.B. 300 PG. 72 T.M. 17 PAR. 18.2 10.96 AC. ±

BRANDY GREENWALT ET AL D.B. 354 PG. 448 T.M. 17 PAR. 20 30 AC. ±

M.V.B. GEORGE LEASE

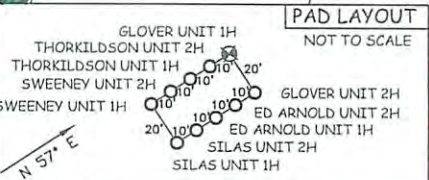
LLOYD E. PITTS D.B. 393 PG. 372 T.M. 20 PAR. 06 47.3 AC. ±

GARNET SWIGER W.B. 38 PG. 759 T.M. 20 PAR. 07 2.22 AC. ±



NOTE: 9 WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL

LINE	BEARING	DIST.
W1	N 40°27' W	1564.3'
W2	N 49°41' W	1590.9'
W3	N 58°34' W	1617.1'
W4	N 74°00' W	1090.9'
W5	N 75°00' W	989.5'
W6	N 76°05' W	1048.6'
W7	S 84°50' W	983.8'
W8	S 81°41' W	1060.2'
W9	S 77°24' W	1313.6'



JOB # 13-097WA
DRAWING # GLOVER1HAD
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



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 Lines +/-
--- Interior Surface Tracts +/-
--- Existing Fence
--- Found monument, as noted
--- Proposed Well Path
--- As Drilled Well Path
DATE 06/25/15
OPERATOR'S WELL# GLOVER UNIT 1H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION ___ 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; JAMES DOAN ET UX; M.V.B. GEORGE; ELIZA UNDERWOOD ET AL; H. HUMM LEASE ACREAGE 26.668 ACRES±; 55.43 ACRES±; 263.67 ACRES±; 300 ACRES±; 216 ACRES±; 77.2 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 PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,615' TVD 14,810' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25343

RECEIVED
Office of Oil and Gas
JUL 06 2015
WV Department of Environmental Protection