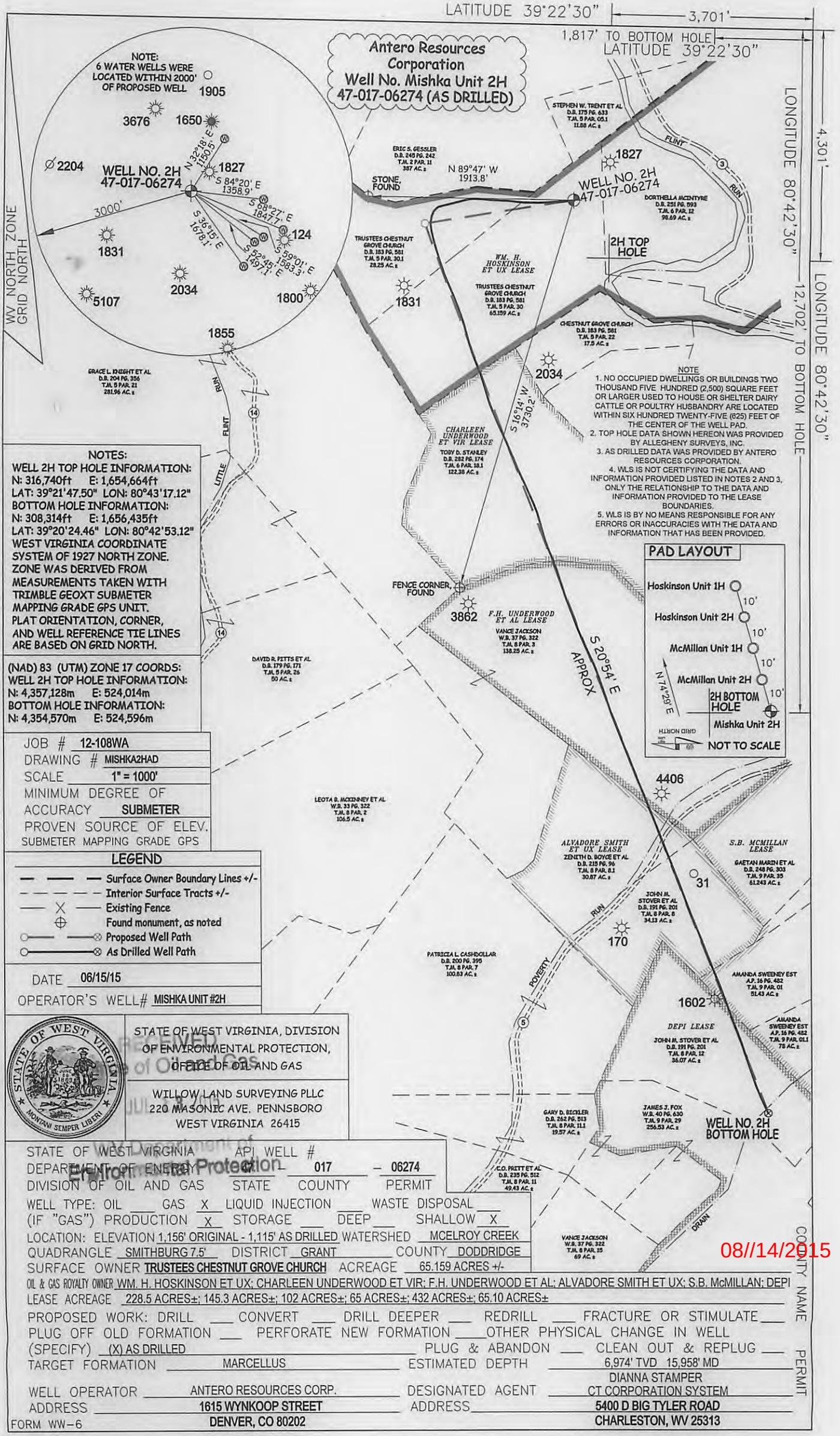
LATITUDE 39°22'30"
3,701'
1,817' TO BOTTOM HOLE
LATITUDE 39°22'30"
LONGITUDE 80°42'30"
4,301'
LONGITUDE 80°42'30"
12,702' TO BOTTOM HOLE
Antero Resources Corporation
Well No. Mishka Unit 2H
47-017-06274 (AS DRILLED)
NOTE:
6 WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL
WELL NO. 2H
47-017-06274
N 32°18' E 1150.5'
S 84°20' E 1358.9'
S 68°27' E 1847.7'
S 36°15' E 1678.1'
S 52°45' E 1497.1'
S 59°01' E 1583.3'
3000'
1905
3676
1650
2204
1827
1831
2034
5107
1800
124
1855
WV NORTH ZONE
GRID NORTH
STONE, FOUND
N 89°47' W 1913.8'
ERIC S. GESSLER
D.B. 245 PG. 242
T.M. 2 PAR. 11
387 AC. ±
STEPHEN W. TRENT ET AL
D.B. 175 PG. 633
T.M. 5 PAR. 05.1
11.68 AC. ±
DORTHELLA MCINTYRE
D.B. 251 PG. 593
T.M. 6 PAR. 12
98.69 AC. ±
FLINT RUN
2H TOP HOLE
TRUSTEES CHESTNUT GROVE CHURCH
D.B. 183 PG. 581
T.M. 5 PAR. 30.1
28.25 AC. ±
WM. H. HOSKINSON ET UX LEASE
TRUSTEES CHESTNUT GROVE CHURCH
D.B. 183 PG. 581
T.M. 5 PAR. 30
65.159 AC. ±
CHESTNUT GROVE CHURCH
D.B. 183 PG. 581
T.M. 5 PAR. 22
17.5 AC. ±
GRACE L. KNIGHT ET AL
D.B. 204 PG. 356
T.M. 5 PAR. 21
281.96 AC. ±
LITTLE FLINT RUN
S 16°14' W 3730.2'
CHARLEEN UNDERWOOD ET VIR LEASE
TOBY D. STANLEY
D.B. 282 PG. 174
T.M. 6 PAR. 18.1
122.38 AC. ±
FENCE CORNER, FOUND
3862
F.H. UNDERWOOD ET AL LEASE
VANCE JACKSON
W.B. 37 PG. 322
T.M. 8 PAR. 3
138.25 AC. ±
S 20°54' E APPROX
DAVID R. PITTS ET AL
D.B. 179 PG. 171
T.M. 5 PAR. 26
50 AC. ±
LEOTA B. MCKINNEY ET AL
W.B. 33 PG. 322
T.M. 8 PAR. 2
106.5 AC. ±
4406
ALVADORE SMITH ET UX LEASE
ZENITH D. BOYCE ET AL
D.B. 215 PG. 96
T.M. 8 PAR. 8.1
30.87 AC. ±
S.B. MCMILLAN LEASE
GAETAN MARIN ET AL
D.B. 248 PG. 303
T.M. 9 PAR. 35
61.243 AC. ±
31
JOHN M. STOVER ET AL
D.B. 191 PG. 201
T.M. 8 PAR. 8
34.13 AC. ±
170
PATRICIA L. CASHDOLLAR
D.B. 200 PG. 395
T.M. 8 PAR. 7
100.83 AC. ±
POVERTY RUN
1602
AMANDA SWEENEY EST
A.P. 16 PG. 482
T.M. 9 PAR. 01
51.43 AC. ±
DEPI LEASE
JOHN M. STOVER ET AL
D.B. 191 PG. 201
T.M. 8 PAR. 12
36.07 AC. ±
AMANDA SWEENEY EST
A.P. 16 PG. 482
T.M. 9 PAR. 01.1
78 AC. ±
GARY D. BICKLER
D.B. 262 PG. 513
T.M. 8 PAR. 11.1
19.57 AC. ±
JAMES J. FOX
W.B. 40 PG. 630
T.M. 9 PAR. 29
256.53 AC. ±
WELL NO. 2H
BOTTOM HOLE
C.O. PRITT ET AL
D.B. 235 PG. 512
T.M. 8 PAR. 11
49.43 AC. ±
VANCE JACKSON
W.B. 37 PG. 322
T.M. 8 PAR. 25
69 AC. ±
DRAIN
COUNTY NAME PERMIT
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.
PAD LAYOUT
Hoskinson Unit 1H
10'
Hoskinson Unit 2H
10'
McMillan Unit 1H
10'
McMillan Unit 2H
10'
2H BOTTOM HOLE
Mishka Unit 2H
N 74°29' E
GRID NORTH
NOT TO SCALE
NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 316,740ft E: 1,654,664ft
LAT: 39°21'47.50" LON: 80°43'17.12"
BOTTOM HOLE INFORMATION:
N: 308,314ft E: 1,656,435ft
LAT: 39°20'24.46" LON: 80°42'53.12"
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: 4,357,128m E: 524,014m
BOTTOM HOLE INFORMATION:
N: 4,354,570m E: 524,596m
JOB # 12-108WA
DRAWING # MISHKA2HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Existing Fence
Found monument, as noted
Proposed Well Path
As Drilled Well Path
DATE 06/15/15
OPERATOR'S WELL# MISHKA UNIT #2H
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
API WELL # 47 - 017 - 06274
STATE COUNTY PERMIT
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,156' ORIGINAL - 1,115' AS DRILLED WATERSHED MCELROY CREEK
QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE
SURFACE OWNER TRUSTEES CHESTNUT GROVE CHURCH ACREAGE 65.159 ACRES +/-
OIL & GAS ROYALTY OWNER WM. H. HOSKINSON ET UX; CHARLEEN UNDERWOOD ET VIR; F.H. UNDERWOOD ET AL; ALVADORE SMITH ET UX; S.B. McMILLAN; DEPI
LEASE ACREAGE 228.5 ACRES±; 145.3 ACRES±; 102 ACRES±; 65 ACRES±; 432 ACRES±; 65.10 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 6,974' TVD 15,958' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
DENVER, CO 80202 5400 D BIG TYLER ROAD
CHARLESTON, WV 25313
FORM WW-6
08//14/2015