

LATITUDE 39°15'00" 1,312'

LATITUDE 39°15'00"

LONGITUDE 80°50'00"

4,801'

LONGITUDE 80°52'30"

14,961' TO BOTTOM HOLE

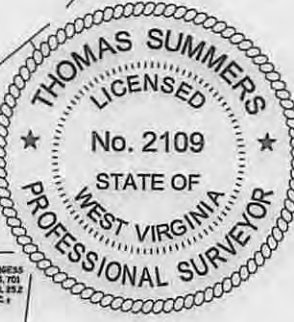
**Antero Resources Corporation
Well No. Cool Unit 2H**

LINE	BEARING	DISTANCE
L1	S 77°58'E	1375.64
L2	S 76°33'E	1804.91
L3	S 75°04'E	1594.60
L4	S 65°46'E	1596.34
L5	S 64°01'E	1381.04
L6	S 63°52'E	1636.76
L7	S 60°31'E	1613.41
L8	S 56°08'E	1345.06
L9	S 51°10'E	1175.51
L10	S 46°41'E	1080.76
L11	S 44°24'E	1202.08
L12	S 41°37'E	1125.94
L13	S 32°54'E	947.63
L14	S 26° E	1151.29
L15	S 17°06'E	1113.08
L16	S 08°23'E	1115.22
L17	S 01°58'W	1414.85
L18	S 05°17'W	1428.29
L19	S 23°05'W	1806.45
L20	S 42°21'W	1298.64
L21	S 67°20'W	1418.97
L22	S 73°44'W	1425.05

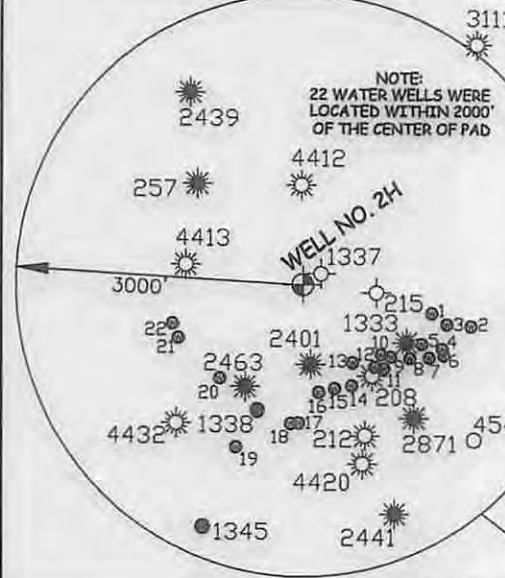
A - STANLEY WEBB D.B. 247 PG. 203 T.A. 15 PAR. 02.2 0.175 AC.
 B - STANLEY WEBB D.B. 251 PG. 212 T.A. 15 PAR. 02.3 0.209 AC.
 C - BRIAN WEBB D.B. 192 PG. 217 T.A. 15 PAR. 02.7 2.11 AC.
 D - BRIAN WEBB D.B. 192 PG. 217 T.A. 15 PAR. 02.4 0.47 AC.
 E - ROBERT F. HANCOCK ET AL. D.B. 249 PG. 404 T.A. 15 PAR. 02.9 1.42 AC.
 F - EDWARD WEBB ET AL. D.B. 253 PG. 453 T.A. 15 PAR. 02.4 1.344 AC.
 G - DAVID E. WINDHAM ET AL. D.B. 246 PG. 590 T.A. 15 PAR. 02.11 0.19 AC.
 H - JAMES E. WEBB D.B. 275 PG. 445 T.A. 15 PAR. 02.11 0.28 AC.

NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 271,365ft E: 1,609,229ft
 LAT: 39°14'12.55" LON: 80°52'46.68"
 BOTTOM HOLE INFORMATION:
 N: 261,152ft E: 1,612,657ft
 LAT: 39°12'32.13" LON: 80°52'01.14"
 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.

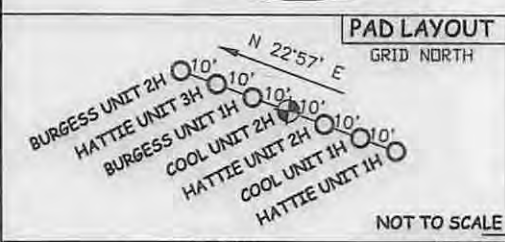
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 4,343,073m E: 510,403m
 BOTTOM HOLE INFORMATION:
 N: 4,339,979m E: 511,499m



NOTE:
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY NEARBY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

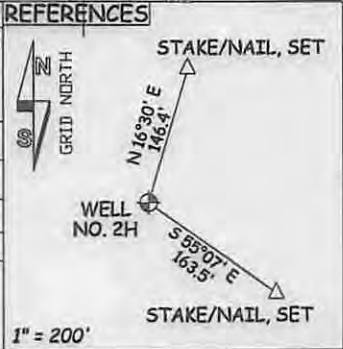


NOTE:
 22 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD



LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Iron Pipe, Found

THOMAS SUMMERS P.S. 2109
 DATE 04/13/15
 OPERATOR'S WELL# COOL UNIT #2H
 API WELL # 47 - 017 - 06734
 STATE COUNTY PERMIT



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

JOB # 14-066WA
 DRAWING # COOL2HR2
 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
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,108' ORIGINAL - 1,095' PROPOSED WATERSHED NORTH FORK HUGHES RIVER
 QUADRANGLE PULLMAN 7.5 (TOP HOLE) OXFORD 7.5 (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODD

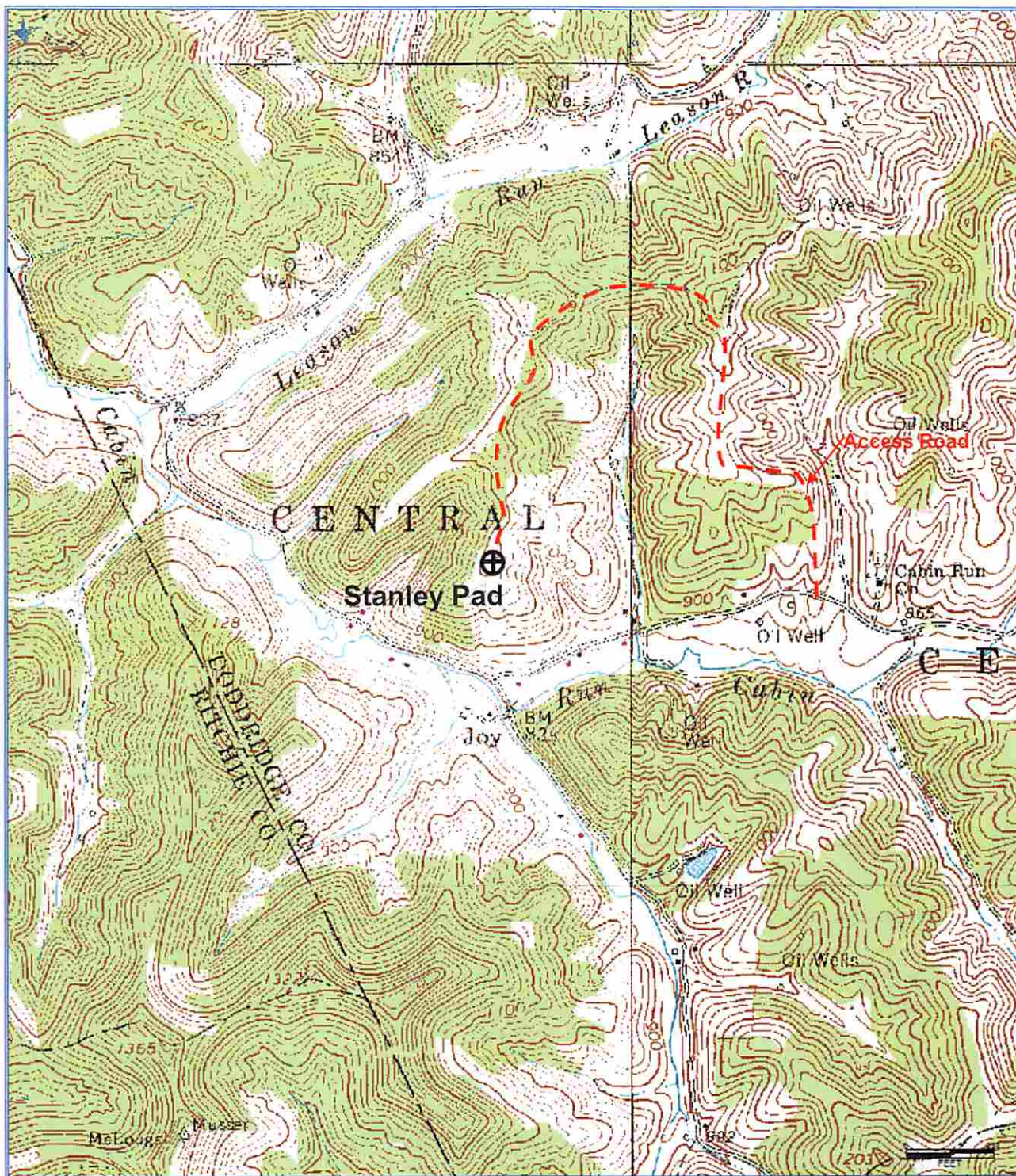
SURFACE OWNER STANLEY WEBB ET AL ACREAGE 59.18 ACRES +/-
 OIL & GAS ROYALTY OWNERRALPH LEGGETT ET UX; GUSSIE LEGGETT; LEASE ACREAGE 75 ACRES +/-; 169 ACRES +/-
 SUE ELLEN ABERNATHY; S. BYRL ROSS ET UX; RUSSELL GRAY ET AL 65 ACRES +/-; 195 ACRES +/-; 225 ACRES +/-

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 19,000' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1815 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

DATE 07/03/2015

FORM WW-6



Received
Office of Oil & Gas
APR 24 2015

Antero Resources Corporation
Appalachian Basin
Cool Unit 2H
Doddridge County
Quadrangle: Pullman
Watershed: North Fork Hughes River
District: West Union
Date: 3-12-2015