

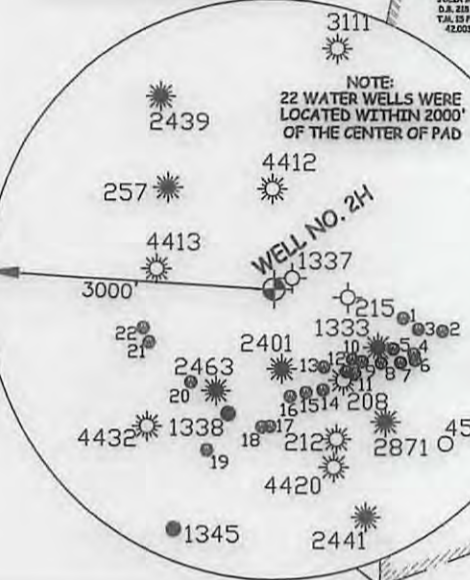
LATITUDE 39°15'00"

1,300'

Antero Resources Corporation Well No. Burgess Unit 2H

LINE	BEARING	DISTANCE
L1	S 77°58'E	1375.64'
L2	S 78°33'E	1804.51'
L3	S 79°04'E	1554.60'
L4	S 65°46'E	1996.34'
L5	S 64°01'E	1381.04'
L6	S 63°52'E	1636.75'
L7	S 60°31'E	1513.41'
L8	S 56°06'E	1345.06'
L9	S 51°10'E	1175.61'
L10	S 48°41'E	1080.78'
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	1426.29'
L19	S 23°05'W	1806.45'
L20	S 42°21'W	1298.62'
L21	S 67°20'W	1416.97'
L22	S 73°44'W	1425.05'

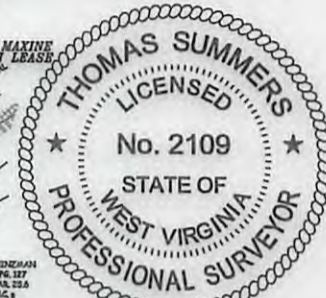
A - STANLEY WEBB D.B. 242 PG. 503 T.J. 15 PAR. 02.2 0.75 AC.
 B - STANLEY WEBB D.B. 192 PG. 322 T.J. 15 PAR. 02.3 4.031 AC.
 C - BEAN WEBB D.B. 192 PG. 327 T.J. 15 PAR. 02.7 2.11 AC.
 D - BEAN WEBB D.B. 192 PG. 327 T.J. 15 PAR. 02.4 0.67 AC.
 E - ROBERT F. HARRIS ET AL. D.B. 249 PG. 894 T.J. 15 PAR. 02.9 1 AC.
 F - EDWARD WEBB ET AL. D.B. 253 PG. 159 T.J. 15 PAR. 02.2 1.84 AC.
 G - DARLENE D. WINDSHILLER ET AL. D.B. 244 PG. 540 T.J. 15 PAR. 02.12 0.19 AC.
 H - JAMES C. WEBB D.B. 273 PG. 441 T.J. 15 PAR. 02.13 0.26 AC.



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 271,393ft E: 1,609,241ft
 LAT: 39°14'12.82" LON: 80°52'46.53"
 BOTTOM HOLE INFORMATION:
 N: 261,480ft E: 1,613,992ft
 LAT: 39°12'35.57" LON: 80°51'44.25"
 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: 4,343,082m E: 510,406m
 BOTTOM HOLE INFORMATION:
 N: 4,340,086m E: 511,904m

(NAD 27 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 14,248,213ft E: 1,674,510ft
 POINT OF ENTRY INFORMATION:
 N: 14,248,369ft E: 1,675,126ft
 BOTTOM HOLE INFORMATION:
 N: 14,238,385ft E: 1,679,424ft



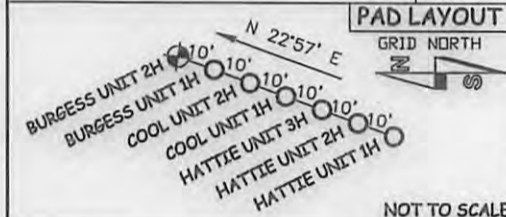
WV NORTH ZONE GRID NORTH

LONGITUDE 80°50'00"

LONGITUDE 80°52'30"

4,773'

14,613' TO BOTTOM HOLE



LEGEND

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

THOMAS SUMMERS P.S. 2109
 DATE 03/28/17
 OPERATOR'S WELL# BURGESS UNIT #2H
 API WELL # 47 - 017 - 06851
 STATE COUNTY PERMIT #64



JOB # 14-067WA
 DRAWING # BURGESS2HR5
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 PRESCRIBED 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

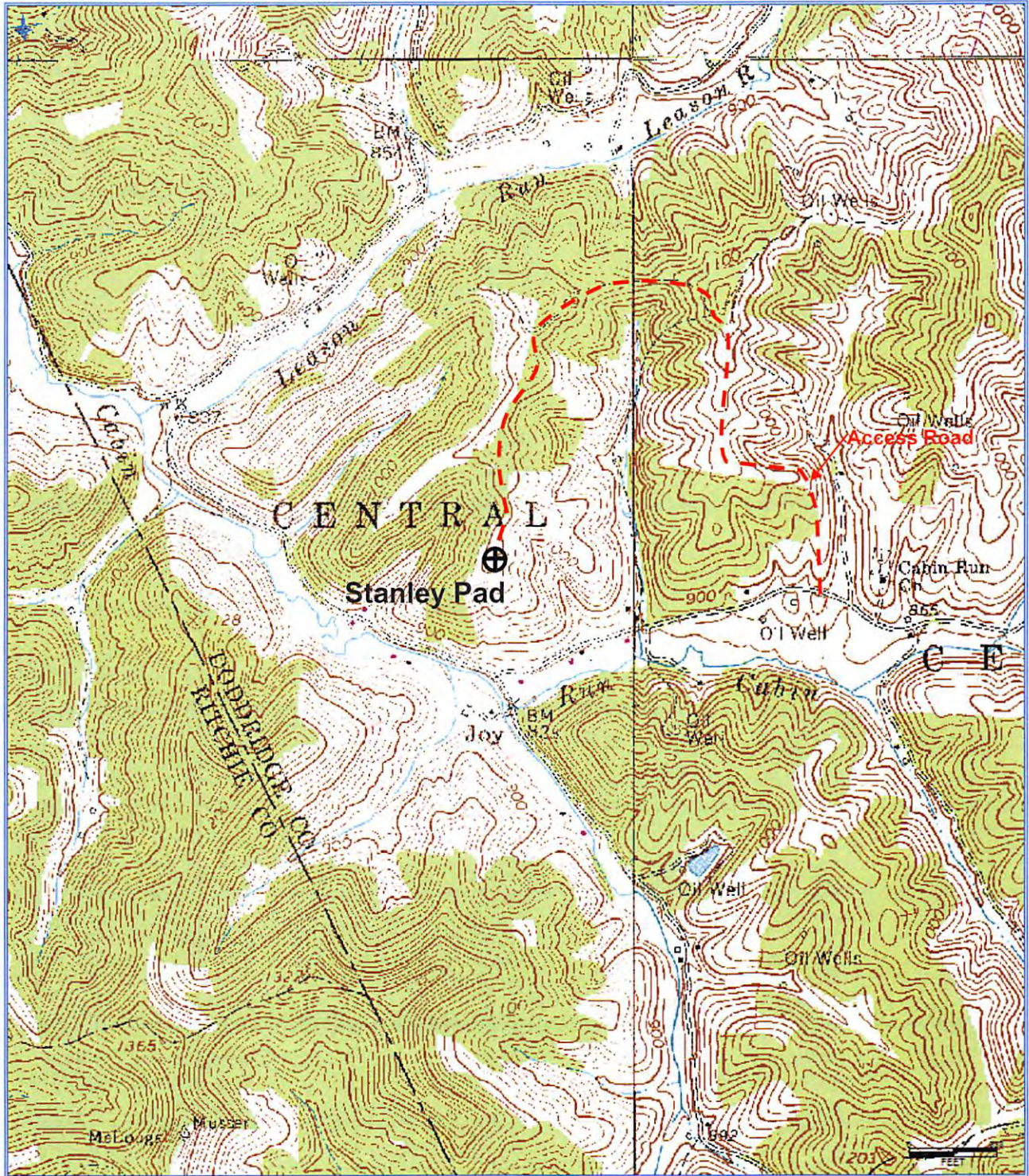
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,108' ORIGINAL - 1,095' PROPOSED WATERSHED NORTH FORK HUGHES RIVER
 QUADRANGLE PULLMAN 7.5' (TOP HOLE) OXFORD 7.5' (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODDRIDGE

SURFACE OWNER STANLEY WEBB ET AL ACREAGE 59.18 ACRES +/-
 OIL & GAS ROYALTY OWNERS RALPH LEGGETT ET UX; LAURA WHITE ET VIR; C.E. ROSS; LEASE ACREAGE 75 ACRES +/-; 25 ACRES +/-; 60 ACRES +/-
 MARY MAXINE WELCH; F.R. INGRAM ET AL; S. BYRL ROSS ET UX; OPAL GRIBBLE; JEFFREY C. POLAN; RUSSELL GRAY ET AL; LEONA BROADWATER 25 ACRES +/-; 130 ACRES +/-; 195 ACRES +/-; 50 ACRES +/-; 50 ACRES +/-; 225 ACRES +/-; 160 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 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

08/04/2017

COUNTY NAME PERMIT

17-06851



Antero Resources Corporation
Appalachian Basin
Burgess Unit 2H
Doddridge County
Quadrangle: Pullman 7.5'
Watershed: North Fork Hughes River
District: Central
Date: 3-12-2015

RECEIVED
Office of Oil and Gas
JUN 12 2017
WV Department of
Environmental Protection

08/04/2017