

LATITUDE 39°15'00" | 1,308'

LATITUDE 39°15'00"

LONGITUDE 80°50'00"

4,792'

LONGITUDE 80°52'30"

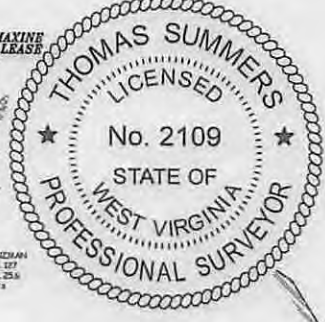
14,771' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Burgess Unit 1H

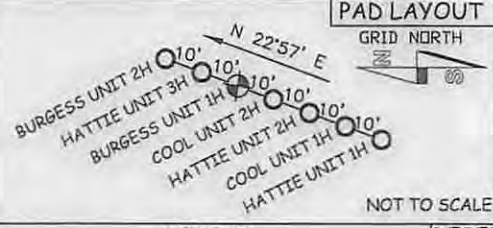
LINE	BEARING	DISTANCE
L1	S 71.38° E	1375.64'
L2	S 76.33° E	1804.51'
L3	S 75.04° E	1554.60'
L4	S 69.48° E	1596.34'
L5	S 64.01° E	1381.04'
L6	S 63.52° E	1636.75'
L7	S 60.31° E	1513.41'
L8	S 56.06° E	1345.06'
L9	S 51.10° E	1175.81'
L10	S 46.41° E	1060.76'
L11	S 44.24° E	1202.05'
L12	S 41.37° E	1125.94'
L13	S 32.54° E	947.63'
L14	S 26° E	1151.29'
L15	S 17.08° 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 23.03° W	1806.45'
L20	S 42.21° W	1298.64'
L21	S 67.23° W	1416.97'
L22	S 73.44° W	1425.05'

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 271,374ft E: 1,609,233ft
LAT: 39°14'12.64" LON: 80°52'46.63"
BOTTOM HOLE INFORMATION:
N: 261,332ft E: 1,613,339ft
LAT: 39°12'34.01" LON: 80°51'52.51"
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: 4,343,076m E: 510,404m
BOTTOM HOLE INFORMATION:
N: 4,340,038m E: 511,706m



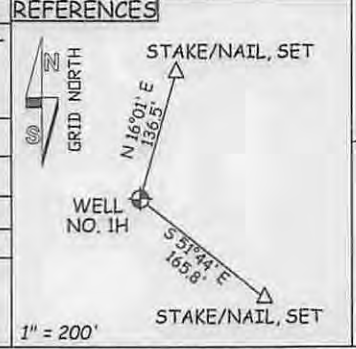
NOTE:
22 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD



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

REFERENCES		
	STAKE/NAIL, SET	
	WELL NO. 1H	
	STAKE/NAIL, SET	

THOMAS SUMMERS P.S. 2109
DATE 04/09/15
OPERATOR'S WELL# BURGESS UNIT #1H
API WELL #
47 - 017 - 06731
STATE COUNTY PERMIT



JOB # 14-067WA
DRAWING # BURGESS1HR1
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 <input checked="" type="checkbox"/> LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE DEEP SHALLOW <input checked="" type="checkbox"/>
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

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.

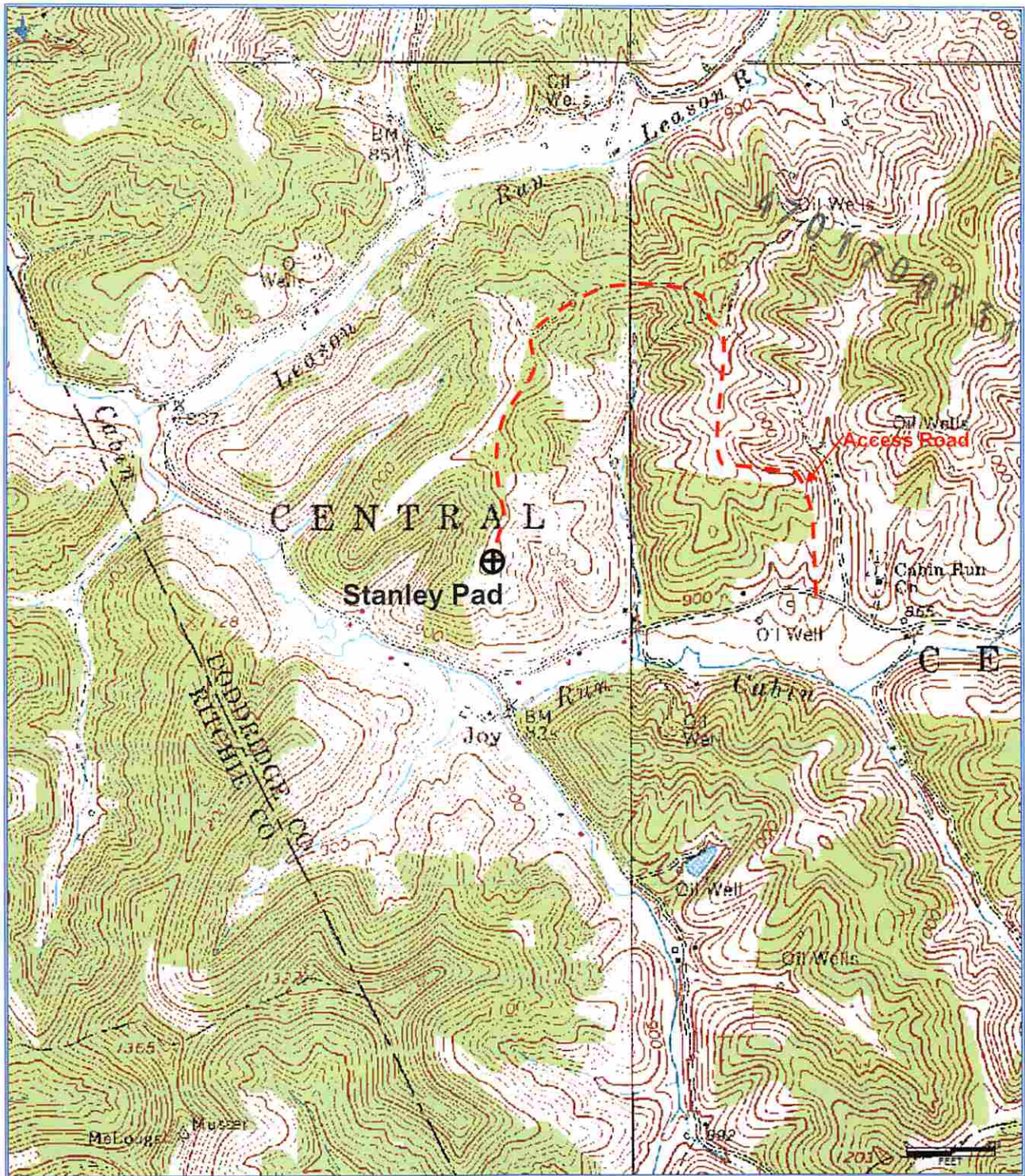
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



SURFACE OWNER STANLEY WEBB ET AL	ACREAGE 59.18 ACRES +/-
OIL & GAS ROYALTY OWNERRALPH LEGGETT ET UX; C.E. ROSS; SUE ELLEN ABERNATHY; S. BYRL ROSS ET UX; F.R. INGRAM ET AL; JEFFREY C. POLAN; RUSSELL GRAY ET AL; LEONA BROADWATER	LEASE ACREAGE 75 ACRES+; 60 ACRES+; 65 ACRES+; 195 ACRES+; 130 ACRES+; 50 ACRES+; 225 ACRES+; 160 ACRES+
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	PLUG OFF OLD FORMATION PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
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 CT CORPORATION SYSTEM
DENVER, CO 80202	5400 D BIG TYLER ROAD
	CHARLESTON, WV 25313

07/03/2015



Received
Office of Oil & Gas
APR 24 2015

Antero Resources Corporation
 Appalachian Basin
 Burgess Unit 1H
 Doddridge County

Quadrangle: Pullman
 Watershed: North Fork Hughes River
 District: West Union
 Date: 3-12-2015

07/03/2015