

1,547' TOP HOLE
1,448' BOTTOM HOLE
LATITUDE 39° 20' 00"

LONGITUDE 79° 52' 30"
6,300' BOTTOM HOLE
898' TOP HOLE

**MOUNTAINEER KEYSTONE
WELL NO. GRAGG 201**

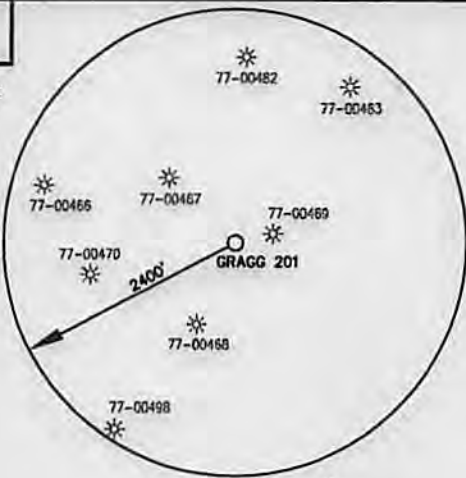
NOTES:
PLAT BASED ON NAD 2011 (CORS) WV STATE PLANE NORTH, GRID NORTH ELEVATIONS BASED ON GEOID 2012A, US SURVEY FEET UNLESS SHOWN OTHERWISE.

-THERE ARE NO (0) WATER WELL(S) LOCATED WITHIN 250' OF WELL GRAGG 201.
-THERE ARE NO (0) DWELLINGS OR AGRICULTURAL STRUCTURES USED FOR HOUSING LIVESTOCK WITHIN 625' OF WELL GRAGG 201.

⊙ = MONUMENT FOUND
IRON REBAR UNLESS NOTED OTHERWISE.

UT = UNNAMED TRIBUTARY

-THE LEASE BOUNDARIES COINCIDE WITH SURFACE PROPERTY LINES AS REPRESENTED.



	TM	PAR	SURFACE OWNER
A	9	14.2	JAMES E. GRAGG
B	9	12	JOHN & LORETTA CLARKSON
C	15	2	JOHN & LORETTA CLARKSON
D	15	6	JOHN & LORETTA CLARKSON
E	15	7	WAYNE & GLORIA WAGNER

USER: elytle
LAYOUT: 201
PLOT DATE/TIME: 7/11/2014 10:02am
CAD FILE: L:\030-2476 - Mountaineer Keystone - Gragg Well Pad Survey\Gragg.dwg

L1 S66°46'23"W 2112.44'

T1 N19°09'42"E 1531.7'
T2 N44°59'03"W 676.6'



TH BH
⊙ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP

SURVEYED PROPERTY BOUNDARY
500' BUFFER



Michael S. Wolf, P.S. 2270

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.

FILE NO. 030-2476
SCALE: 1"=2000'
MINIMUM DEGREE OF ACCURACY: 1 in 2500
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS



DATE JULY 9, 2014
OPERATOR'S WELL NO. MOUNTAINEER KEYSTONE GRAGG 201
API WELL NO. 47 - 077 - 00612.H6A
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,500.0' WATER SHED: LITTLE SANDY CREEK
DISTRICT: RENO COUNTY: PRESTON
QUADRANGLE: THORNTON 7.5' ACREAGE: 120 AC±
SURFACE OWNER: JAMES E. GRAGG LEASE ACREAGE: 557.14 AC+
OIL & GAS ROYALTY OWNER(S): JAMES E. GRAGG/JOHN & LORETTA CLARKSON/WAYNE & GLORIA WAGNER
LEASE NO. 040/046/577

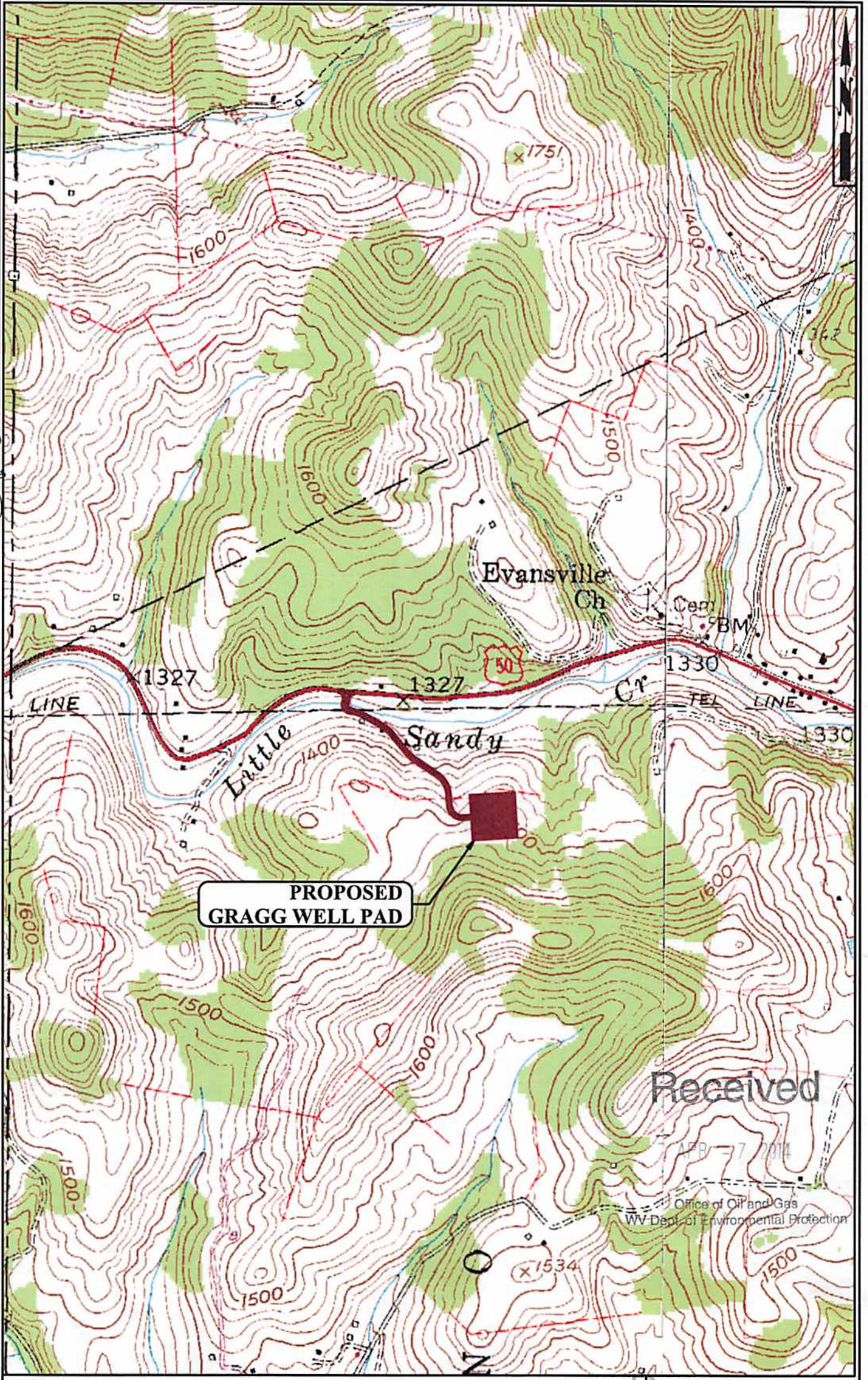


PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PERFORATE NEW FORMATION PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 8,250' TVD / 14,376' MD

WELL OPERATOR: MOUNTAINEER KEYSTONE, LLC. DESIGNATED AGENT: NATHAN SKEEN
ADDRESS: 1111 VAN VOORHIS ROAD, SUITE G ADDRESS: 1111 VAN VOORHIS ROAD, SUITE G
MORGANTOWN, WV 26505 MORGANTOWN, WV 26505

08/15/2014

CAD FILE: R:\030-2476 - Mountaineer Keystone - Gragg Well Pad\Drawing\z-2476-WW9-Cover.dwg
PLOT DATE/TIME: 3/27/2014 2:34 PM
USER: patricia a. escoriaza



**PROPOSED
GRAGG WELL PAD**

Received

APR 27 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

1000 ft. 0 1000 ft. 2000 ft.

<p>PROJECT# 030-2476</p> <p>THRASHER THE THRASHER GROUP INC. CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES 800 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330 PHONE (304) 824-4108 • FAX (304) 824-7831</p>	<p>Mountaineer Keystone LLC</p>	<p>GRAGG WELL PAD GLADESVILLE AND FELLOWSVILLE, WV QUAD MAPS</p>	<p>SHEET No. 1</p>
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