

**MOUNTAINEER KEYSTONE
WELL NO. GRAGG 202**

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

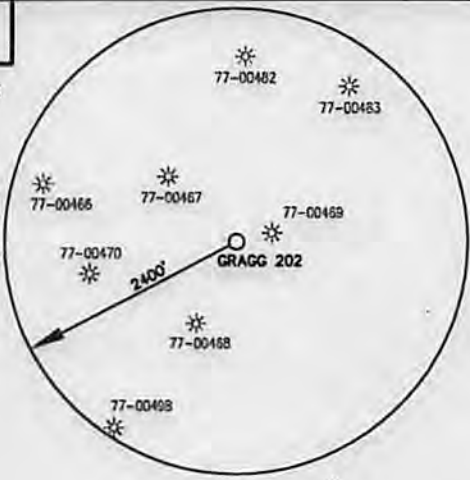
-THERE ARE NO (0) WATER WELL(S)
LOCATED WITHIN 250' OF WELL GRAGG 202.

-THERE ARE NO (0) DWELLINGS OR
AGRICULTURAL STRUCTURES
USED FOR HOUSING LIVESTOCK WITHIN 525'
OF WELL GRAGG 202.

⊙ = MONUMENT FOUND
IRON REBAR UNLESS
NOTED OTHERWISE.

UT = UNNAMED TRIBUTARY

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



1,527' TOP HOLE
797' BOTTOM HOLE
LATITUDE 39° 20' 00"

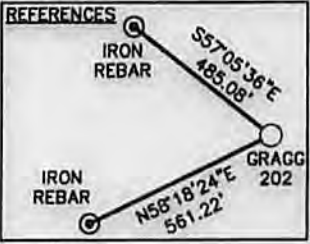


LONGITUDE 79° 52' 30"
6,012' BOTTOM HOLE
894' TOP HOLE

TM	PAR	OWNER
A	9	14.2 JAMES E. GRAGG
B	15	2 JOHN & LORETTA CLARKSON
C	15	3 WAYNE & GLORIA WAGNER
D	15	6 JOHN & LORETTA CLARKSON
E	15	7 WAYNE & GLORIA WAGNER

USER: elytle
LAYOUT: 202
PLOT DATE/TIME: 7/11/2014 - 10:02am
CAD FILE: L:\030-2476 - Mountaineer Keystone - Gragg Well Pad Survey\Gragg.dwg

L1	S67°35'32"W	1446.78'
T1	N19°48'58"E	1541.6'
T2	N43°33'42"W	665.2'



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

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS

DATE JULY 9, 2014
OPERATOR'S WELL NO. MOUNTAINEER KEYSTONE GRAGG 202
API WELL NO.
47 - 077 - 00613 HGA
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: 498.46 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 / 14,148' MD

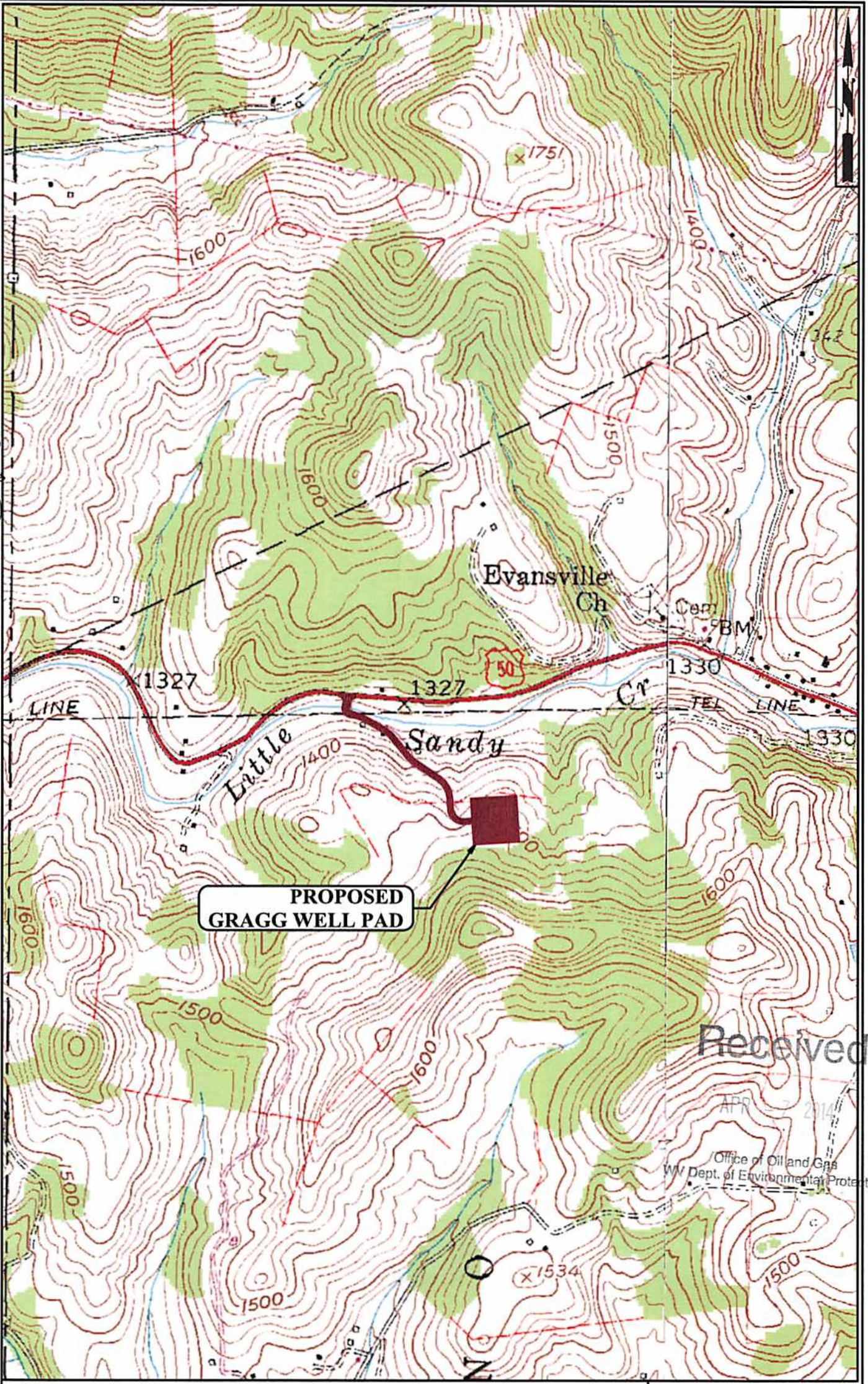
WELL OPERATOR: MOUNTAINEER KEYSTONE, LLC. DESIGNATED AGENT: NATHAN SKEEN
ADDRESS: 1111 VAN VOORHIS ROAD, SUITE G ADDRESS: 1111 VAN VOORHIS ROAD, SUITE G
MORGANTOWN, WV 26505 MORGANTOWN, WV 26505

08/15/2014

USER: patricia a. escoriaza

PLOT DATE/TIME: 3/27/2014 2:34 PM

CAD FILE: R:\030-2476 - Mountaineer Keystone - Gragg Well Pad\Drawings\z-2476-WW9-Cover.dwg



PROPOSED GRAGG WELL PAD

Received

Office of Oil and Gas
WV Dept. of Environmental Protection

PROJECT# 030-2476

1000 ft. 0 1000 ft. 2000 ft.

THRASHER
 THE THRASHER GROUP INC.
 CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4106 • FAX (304) 624-7831

Mountaineer
Keystone
 LLC

GRAGG WELL PAD
 GLADESVILLE AND FELLOWSVILLE, WV
 QUAD MAPS

SHEET No.
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