



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

PERMIT MODIFICATION APPROVAL

January 15, 2015

NORTHEAST NATURAL ENERGY LLC
707 VIRGINIA STREET EAST, SUITE 1200
CHARLESTON, WV 25301

Re: Permit Modification Approval for API Number 6101684 , Well #: COASTAL 3H
Adjusted Horizontal

Oil and Gas Operator:

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,



for

Gene Smith
Assistant Chief of Permitting
Office of Oil and Gas

4709101684 MOD



northeast
NATURAL ENERGY

January 14, 2015

WV Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Coastal 3H Modification Request
API # 47-6101684

Dear Permit Reviewer,

Northeast Natural Energy LLC ("NNE") would like to request a modification to its existing Coastal 3H permit identified by the API no. 47-06101684. NNE has adjusted the horizontal well bore to allow for more efficient development of the natural gas surrounding its Coastal Well Pad. Enclosed with this request is an updated Mylar Plat, Well Bore Schematic and WW-6A1 form and attachment.

Should you have any questions please contact me at 304.241.5752 Ext. 7108 or by email at hmedley@nne-llc.com.

Sincerely,


Hollie M. Medley
Regulatory Coordinator

RECEIVED
Office of Oil and Gas

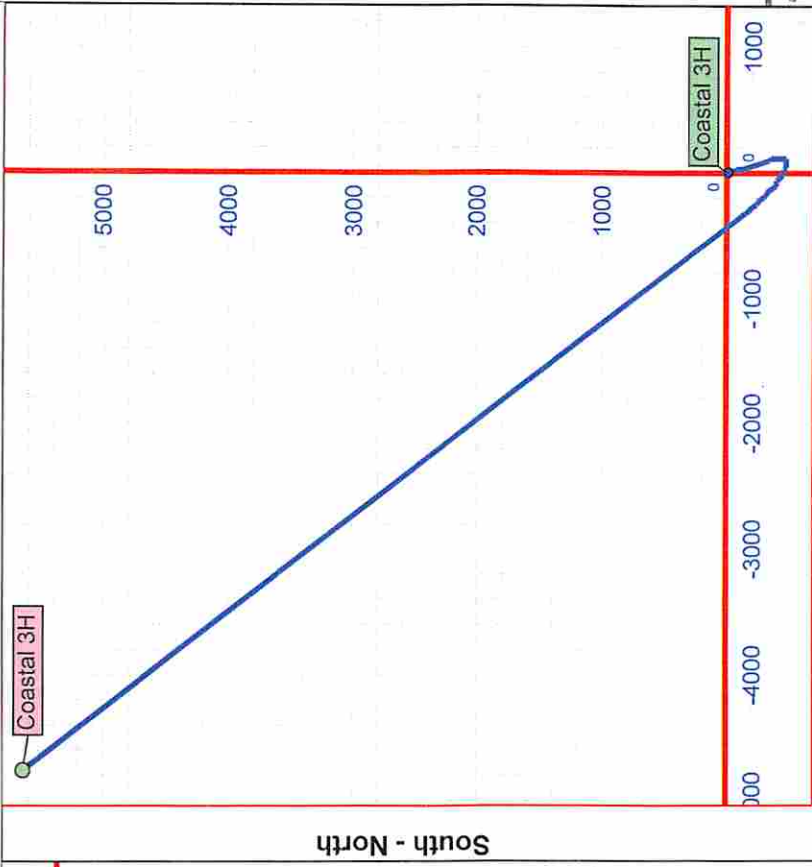
JAN 15 2015

WV Department of
Environmental Protection

Job Number: 2
 Company: Northeast Natural Energy
 Lease/Well: Coastal 3H
 Location: Coastal
 Rig Name: Pioneer 63
 State/County: WV/ Mon
 Country: US
 API Number:

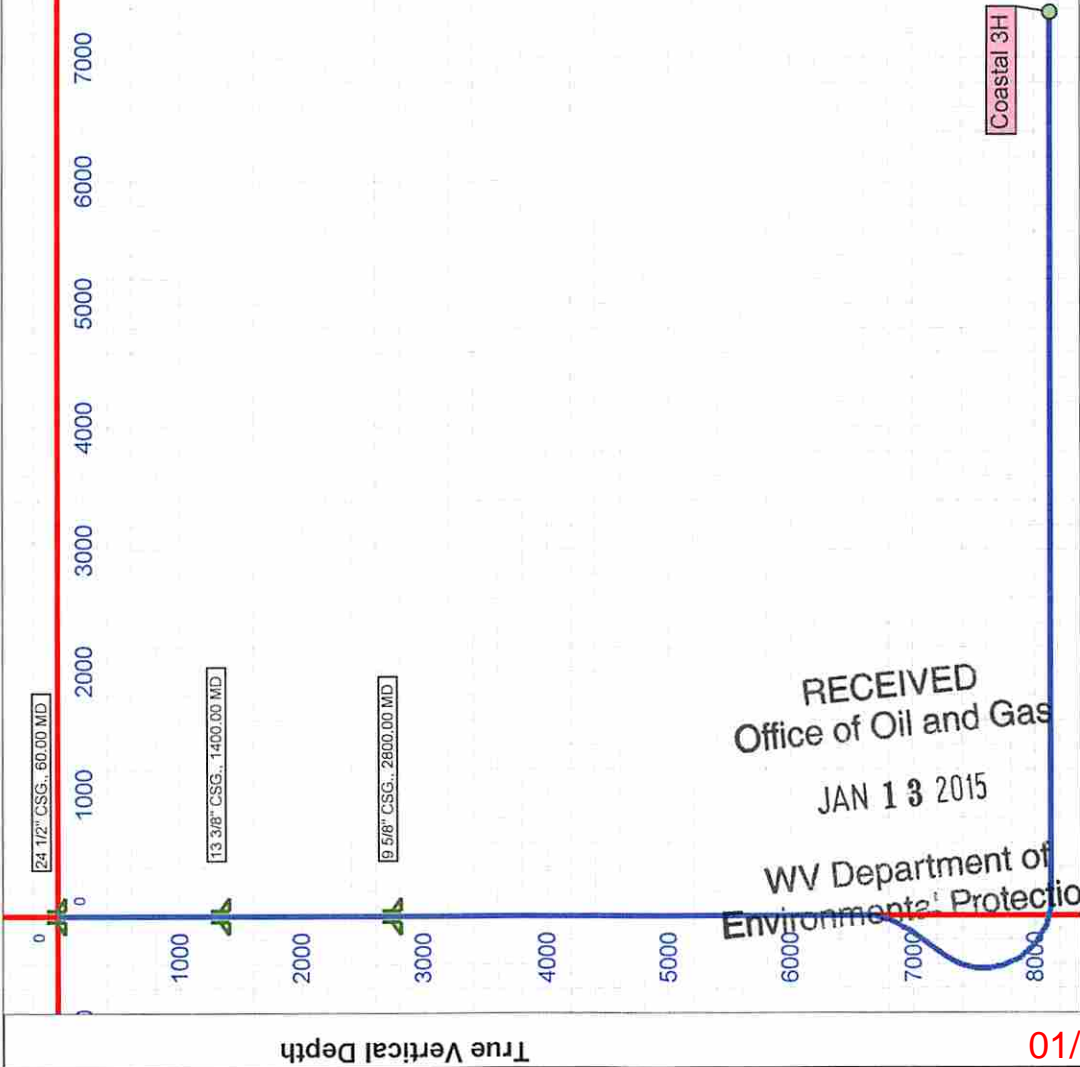


Elevation (To MSL): 1420.00 ft
 RKB: 18.00 ft
 Projection System: US State Plane 1983
 Projection Group: West Virginia Northern Zone
 Projection Datum: GRS80
 Magnetic Declination: -8.90
 Grid Convergence: -0.44926 W
 Date: Monday, January 12, 2015



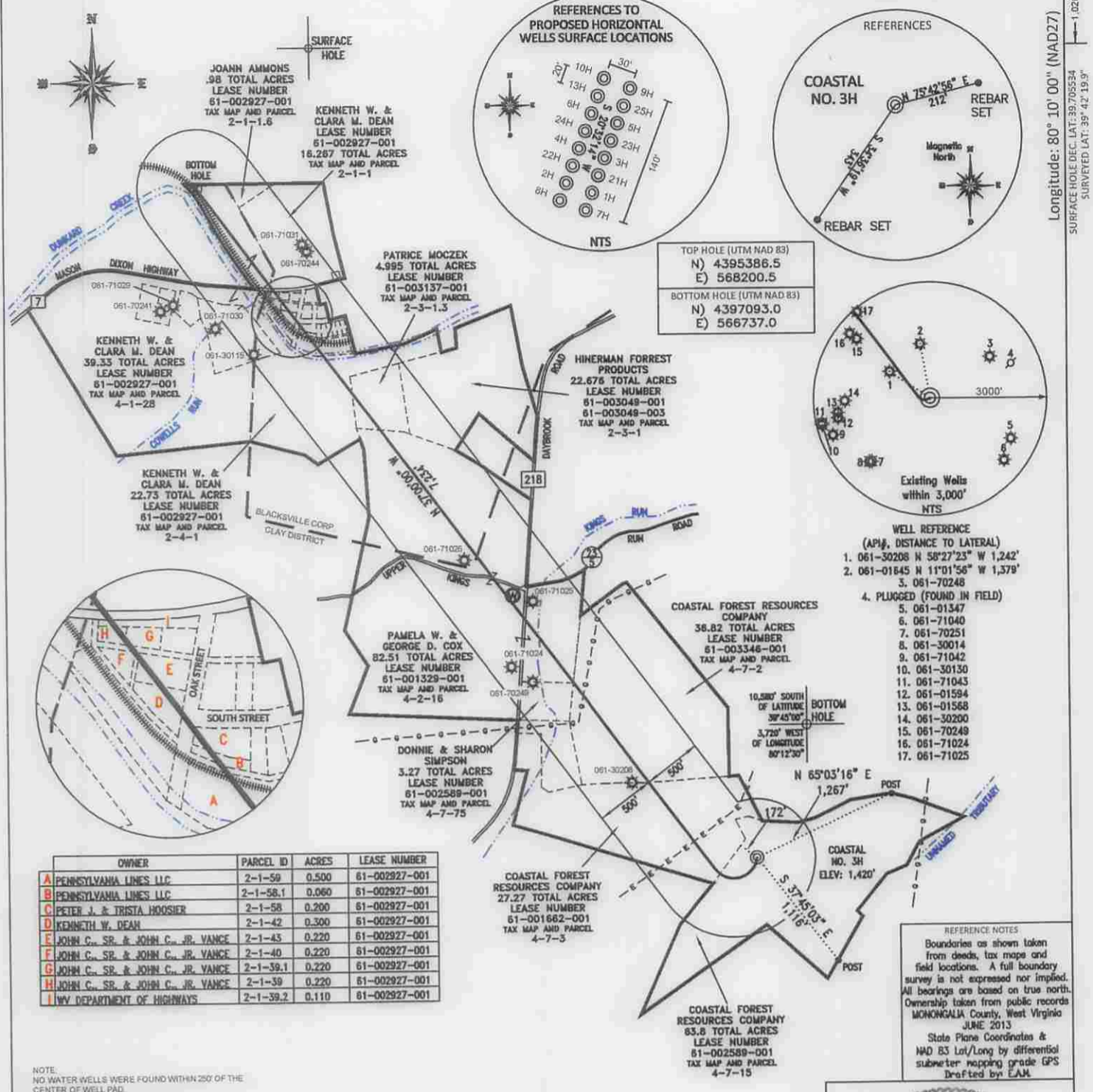
West - East

KOP	MD	TVD	Formation
7,864	6,600	6,600	Tully
7,914	8,612	8,129	Hamilton
8,034	15,847	8,129	Upper Marcellus
8,084			Lower Marcellus
8,139			Onondaga



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 Office of Oil and Gas
 JAN 13 2015
 WV Department of
 Environmental Protection

Vertical Section (1000 Ft/Div) VSP: 322.55°



OWNER	PARCEL ID	ACRES	LEASE NUMBER
A PENNSYLVANIA LINES LLC	2-1-59	0.500	61-002927-001
B PENNSYLVANIA LINES LLC	2-1-58.1	0.060	61-002927-001
C PETER J. & TRISTA HOOSIER	2-1-58	0.200	61-002927-001
D KENNETH W. DEAN	2-1-42	0.300	61-002927-001
E JOHN C. SR. & JOHN C. JR. VANCE	2-1-43	0.220	61-002927-001
F JOHN C. SR. & JOHN C. JR. VANCE	2-1-40	0.220	61-002927-001
G JOHN C. SR. & JOHN C. JR. VANCE	2-1-39.1	0.220	61-002927-001
H JOHN C. SR. & JOHN C. JR. VANCE	2-1-39	0.220	61-002927-001
I WV DEPARTMENT OF HIGHWAYS	2-1-39.2	0.110	61-002927-001

NOTE:
NO WATER WELLS WERE FOUND WITHIN 250' OF THE CENTER OF WELL PAD.
NO DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF WELL PAD.

FILE #: NNE12
DRAWING #: 2319
SCALE: PLAT: 1" = 1200'
TRCK: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE: SUBMETER MAPPING
OF ELEVATION: 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: [Signature]
L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

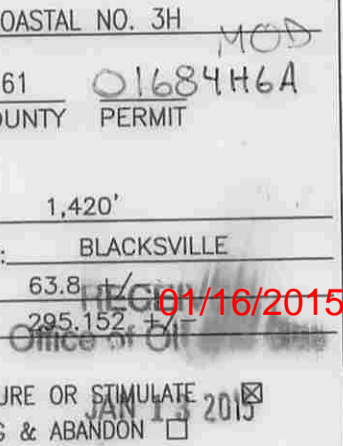
Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK
COUNTY/DISTRICT: MONONGALIA / CLAY
SURFACE OWNER: COASTAL FOREST RESOURCES COMPANY
OIL & GAS ROYALTY OWNER: WACO OIL AND GAS, ET AL
LEASE NUMBERS: _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

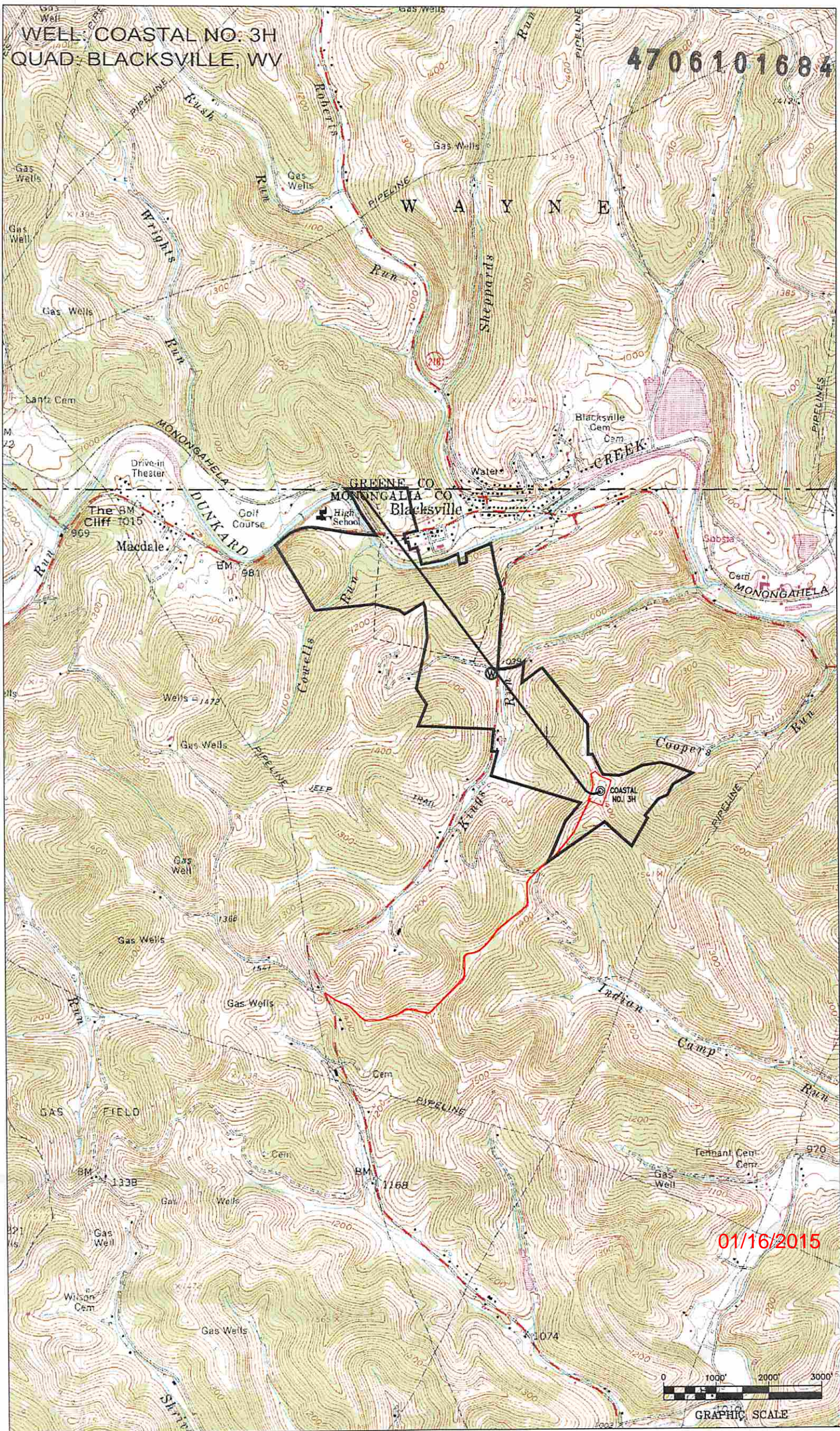
TARGET FORMATION: MARCELLUS
WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC
ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301

DATE: JANUARY 12, 2015
OPERATOR'S WELL #: COASTAL NO. 3H
API WELL #: 47 61 01684H6A
STATE COUNTY PERMIT
ELEVATION: 1,420'
QUADRANGLE: BLACKSVILLE
ACREAGE: 63.8
ACREAGE: 295.152
ESTIMATED DEPTH: TVD: 8,129' TMD: 15,847'
DESIGNATED AGENT: JOHN ADAMS
ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301



WELL: COASTAL NO: 3H
QUAD: BLACKSVILLE, WV

4706101684



01/16/2015



GRAPHIC SCALE