



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

June 11, 2014

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

Re: Permit Modification Approval for API Number 6101665 , Well #: BEACH 2H

Change Top Hole

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,



Gene Smith

Regulatory/Compliance Manager
Office of Oil and Gas

Hollie Medley

From: Hollie Medley
Sent: Monday, June 02, 2014 3:24 PM
To: Gene.C.Smith@wv.gov
Cc: James.A.Martin@wv.gov
Subject: FW: Northeast Natural Energy - WW-6AW - Northeast Natural Energy Revised Permit Applications
Attachments: NNE - Beach - 2H, 4H, 6H, 10H - WW-6AW REVISED LOCATIONS.pdf; Beach 2H - REVISED - Final Plat - 2014-5-29.pdf; Beach 4H - REVISED - Final Plat - 2014-5-29.pdf; Beach 6H - REVISED - Final Plat - 2014-5-29.pdf; Beach 10H - REVISED - Final Plat - 2014-5-29.pdf

Gene,

Consol submitted the attached Voluntary Statements of No Objection for the Top Hole adjustments to the Beach 2H, 4H, 6H and 10H wells to Mr. Martin. I have attached the same for your review per our conversation along with Revised Survey Plats for each. I will get Revised Mylars out to the office today. Please let me know if you need anything else from me for the revisions. I noticed that the Application did not reference a top hole location so I didn't revise it.

Thanks,

Hollie M. Medley
 Regulatory Coordinator
 Northeast Natural Energy LLC
 6240 Mid Atlantic Drive
 Morgantown, WV 26508
 304.241.5752 Ext. 7108
 northeastnaturalenergy.com



RECEIVED
 Office of Oil and Gas

JUN 05 2014

WV Department of
 Environmental Protection

From: Arp, Ryan [<mailto:RyanArp@consolenergy.com>]
Sent: Monday, June 02, 2014 3:16 PM
To: James.A.Martin@Wv.Gov
Cc: Hollie Medley
Subject: Northeast Natural Energy - WW-6AW - Northeast Natural Energy Revised Permit Applications

Dear Mr. Martin,

Please find attached to this email an electronic copy of CONSOL Mining Company LLC's voluntary statement of no objection forms WW-6AW for the revised surface locations to Northeast Natural Energy's Beach Pad 2H, 4H, 6H, and 10H wells. Please contact me if you have any further questions.

Thank you,

Ryan Arp
Project Engineer



Engineering and Operations Support - Coal
CNX Center
1000 CONSOL Energy Drive
Canonsburg, PA 15317-6506

phone: 724.485.4483

cell: 720.289.7673

fax: 724.485.4841

e-mail: ryanarp@consolenergy.com

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WV Department of
Environmental Protection

61-01665 mod



CONSOL Energy Inc.
CNX Center
1000 Consol Energy Drive
Canonsburg, PA 15317

phone: 724.485.4483
fax: 724.485.4841
e-mail: RyanArp@consolenergy.com
web: www.consolenergy.com

RYAN ARP
Project Engineer

June 2, 2014

Mr. James Martin
West Virginia Department of Environmental Protection
601 57th Street
Office of Oil & Gas
Charleston, West Virginia 25304

RE: Northeast Natural Energy LLC Proposed Beach 2H, 4H, 6H, 10H Wells

Dear Mr. Martin,

CONSOL Mining Company LLC does not object to the Northeast Natural Energy LLC well drilling applications for the above referenced proposed wells. Attached are the voluntary statements of no objection form WW-6AW. If you have any questions or require additional information, please contact me at 724-485-4483.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Ryan Arp'.

Ryan Arp
Project Engineer

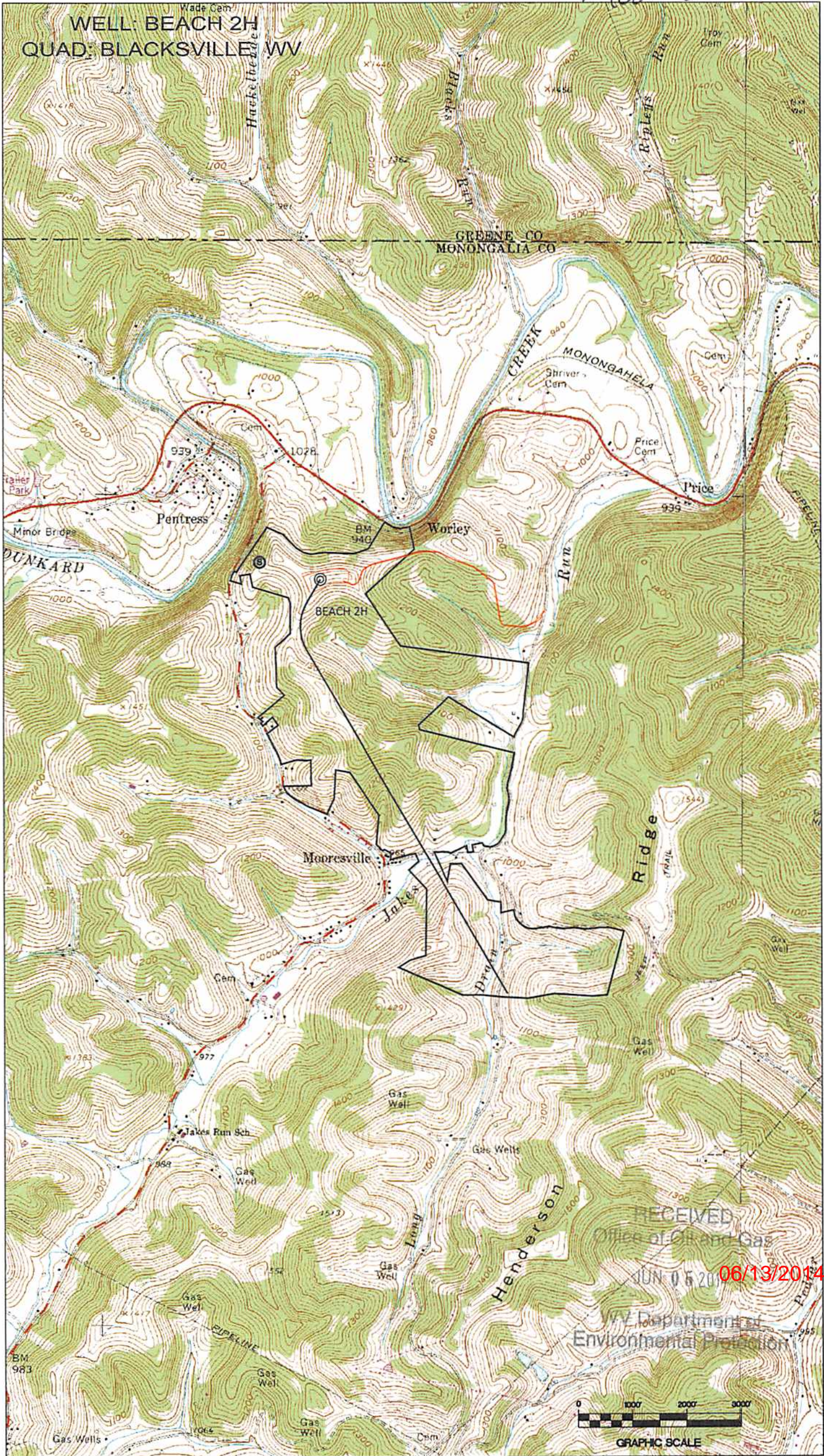
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JUN 06 2014

WV Department of
Environmental Protection

06/13/2014

WELL: BEACH 2H
QUAD: BLACKSVILLE WV



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JUN 06 2014 06/13/2014
WV Department of
Environmental Protection
GRAPHIC SCALE

Mod 1
7,810'

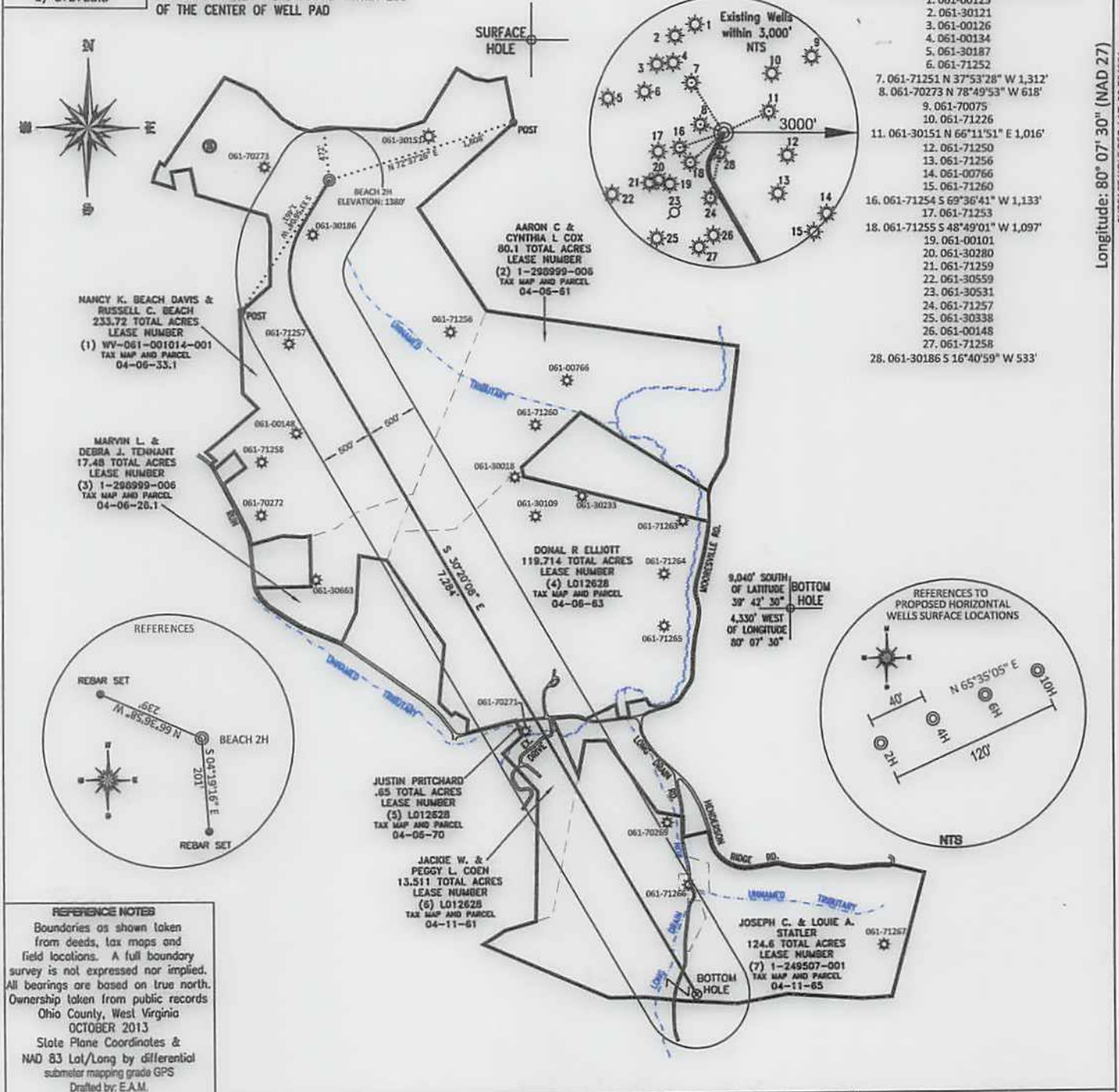
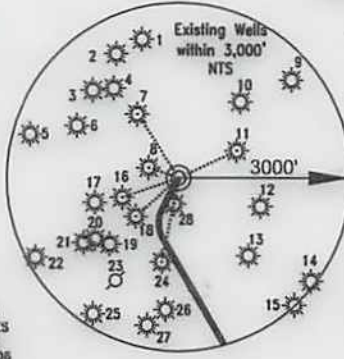
Latitude: 39° 42' 30" (NAD 27)

TOP HOLE (UTM 83)
N) 4395279.4
E) 572652.5
BOTTOM HOLE (UTM 83)
N) 4392991.6
E) 573735.3

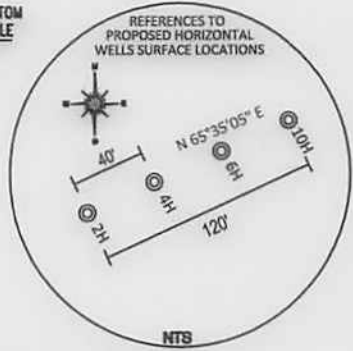
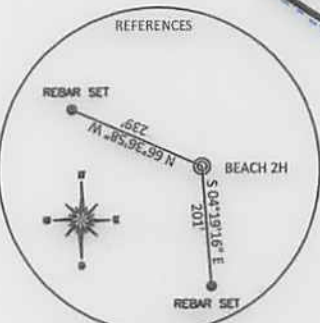
NO DWELLINGS WERE FOUND WITHIN 625'
OF THE CENTER OF WELL PAD
NO WATER WELLS WERE FOUND WITHIN 250'
OF THE CENTER OF WELL PAD

WELL REFERENCE (API#, DISTANCE TO LATERAL)

1. 061-00125
2. 061-30121
3. 061-00126
4. 061-00134
5. 061-30187
6. 061-71252
7. 061-71251 N 37°53'28" W 1,312'
8. 061-70273 N 78°49'53" W 618'
9. 061-70075
10. 061-71226
11. 061-30151 N 66°11'51" E 1,016'
12. 061-71250
13. 061-71256
14. 061-00766
15. 061-71260
16. 061-71254 S 69°36'41" W 1,133'
17. 061-71253
18. 061-71255 S 48°49'01" W 1,097'
19. 061-00101
20. 061-30280
21. 061-71259
22. 061-30559
23. 061-30531
24. 061-71257
25. 061-30338
26. 061-00148
27. 061-71258
28. 061-30186 S 16°40'59" W 533'



Longitude: 80° 07' 30" (NAD 27)
SURFACE HOLE DEC. LAT: 39.704201
SURVEYED LAT: 39° 42' 15.1"



REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Ohio County, West Virginia OCTOBER 2013
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: E.A.M.

FILE #: NNE009
DRAWING #: 2293
SCALE: PLAT = (1"=1400')
TICK MARK = (1"=2000')
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
Signed: _____
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 ELEVATION: 1380'
COUNTY/DISTRICT: MONONGALIA / CLAY QUADRANGLE: BLACKSVILLE, WV.
SURFACE OWNER: NANCY K. BEACH DAVIS & RUSSELL C. BEACH ACREAGE: 233.72 +/-
OIL & GAS ROYALTY OWNER: TED K. MOORE, ET AL ACREAGE: 589.77 +/- **06/13/2014**
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 ESTIMATED DEPTH: TVD: PILOT: 8,500' TVD: 8,215' TMD: 16,356'
WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC DESIGNATED AGENT: JOHN ADAMS
ADDRESS: 707 VIRGINIA STREET SUITE 1200 ADDRESS: 707 VIRGINIA STREET SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301 CITY: CHARLESTON STATE: WV ZIP CODE: 25301