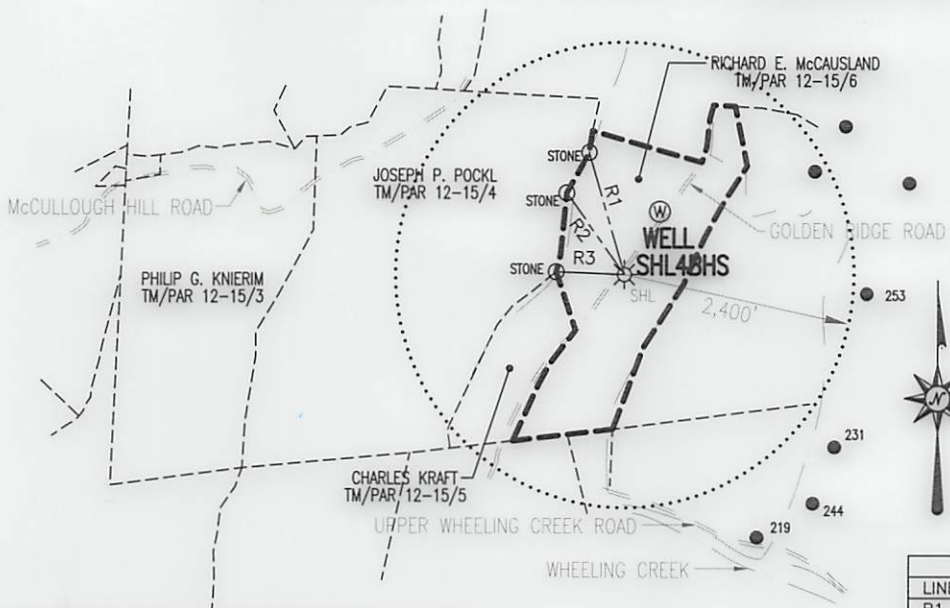


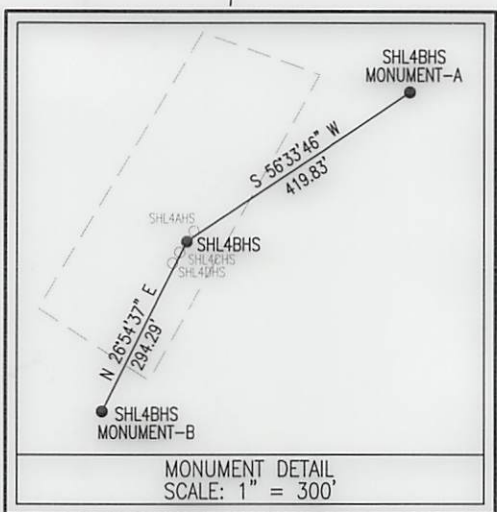
Well is located on topo map 12,525' feet south of Latitude: 40° 00' 00"

Well is located on topo map 2,808' feet west of Longitude: 80° 32' 30"



| LEGEND                    |  |
|---------------------------|--|
|                           | - TOPO MAP POINT                         |
|                           | - WELL                                   |
|                           | - ALL ARE POINTS UNLESS OTHERWISE NOTED. |
|                           | - WATER SOURCE                           |
|                           | - LEASE NUMBER BASED ON ATTACHED WW-6A1  |
|                           | - MINERAL TRACT BOUNDARY                 |
|                           | - PARCEL LINES                           |
|                           | - WELL REFERENCE                         |
|                           | - PROPOSED HORIZONTAL WELL               |
|                           | - ROAD                                   |
|                           | - STREAM CENTER LINE                     |
| <b>WELLS WITHIN 3000'</b> |  |
|                           | - EXISTING WELLS                         |
|                           | - PLUGGED WELLS                          |

| REFERENCE LINES |               |          |
|-----------------|---------------|----------|
| LINE            | BEARING       | DISTANCE |
| R1              | S 16°48'27" E | 1310.43' |
| R2              | N 36°35'51" W | 1041.02' |
| R3              | S 88°22'48" E | 739.80'  |



| SURFACE HOLE LOCATION (SHL)                      | MONUMENT-A LOCATION                            | MONUMENT-B LOCATION                            |
|--|--|--|
| UTM 17-NAD83<br>N:4424046.544<br>E:538299.722    | UTM 17-NAD83<br>N:4424118.70<br>E:538405.36    | UTM 17-NAD83<br>N:4423965.81<br>E:538260.55    |
| NAD27, WV NORTH<br>N:535546.264<br>E:1705204.217 | NAD27, WV NORTH<br>N:535777.60<br>E:1705554.56 | NAD27, WV NORTH<br>N:535283.84<br>E:1705071.02 |

NOTE: A steel plate to be affixed to the casing no more than three feet below the ground surface inscribed with the API number of the well.



**Blue Mountain Engineering**  
11023 MASON DIXON HIGHWAY  
BURTON, WV 26562  
PHONE: (304) 662-6486



|   |  |                 |
|---|--|-----------------|
| FILE #: SHL4BHS-MONUMENT                                      | 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. |                 |
| DRAWING #: SHL4BHS-MONUMENT                                   |  |                 |
| SCALE: 1" = 2000'   |  |                 |
| MINIMUM DEGREE OF ACCURACY: 1/2500                            |  |                 |
| PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81' | Signed:  | R.P.E.:         |
|   | L.L.S.: P.S. No. 2000  | PLACE SEAL HERE |

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

DATE: MAY 11, 2013

OPERATOR'S WELL #: SHL4BHS

API WELL #: 47 STATE 51 COUNTY PERMIT 01460 P

WELL TYPE:  Oil  Waste Disposal  Production  Deep  Gas  Liquid Injection  Storage  Shallow

WATERSHED: WHEELING CREEK ELEVATION: 1250.21'

COUNTY/DISTRICT: MARSHALL / SAND HILL QUADRANGLE: MAJORSVILLE, WV-PA 7.5'

SURFACE OWNER: RICHARD E. McCAUSLAND ACREAGE: 88.206±

OIL & GAS ROYALTY OWNER: RICHARD E. McCAUSLAND ACREAGE: 88.206±

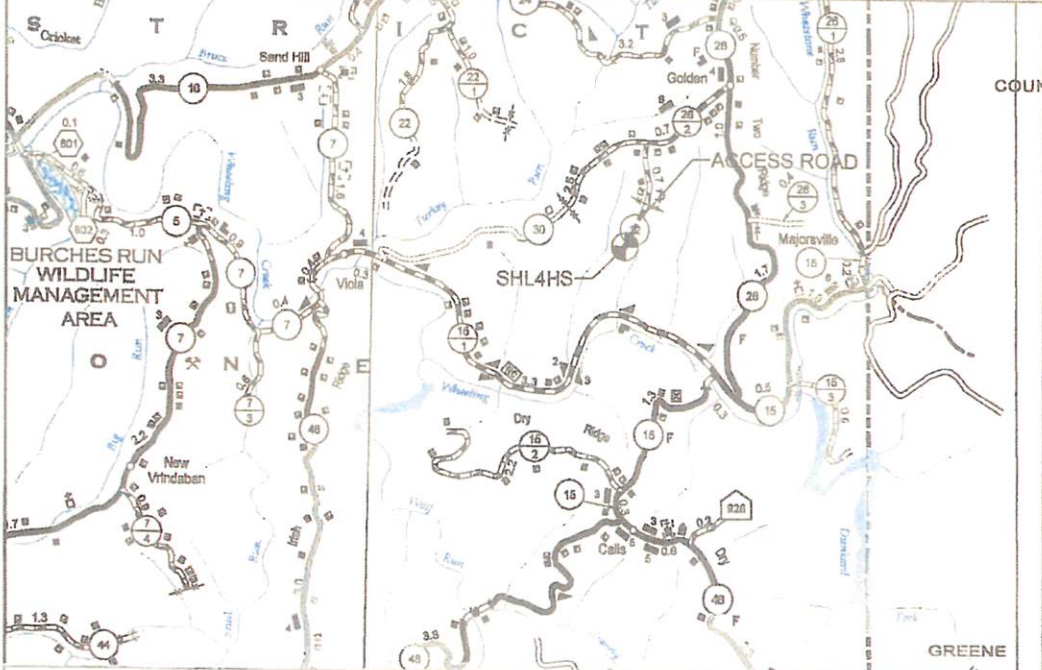
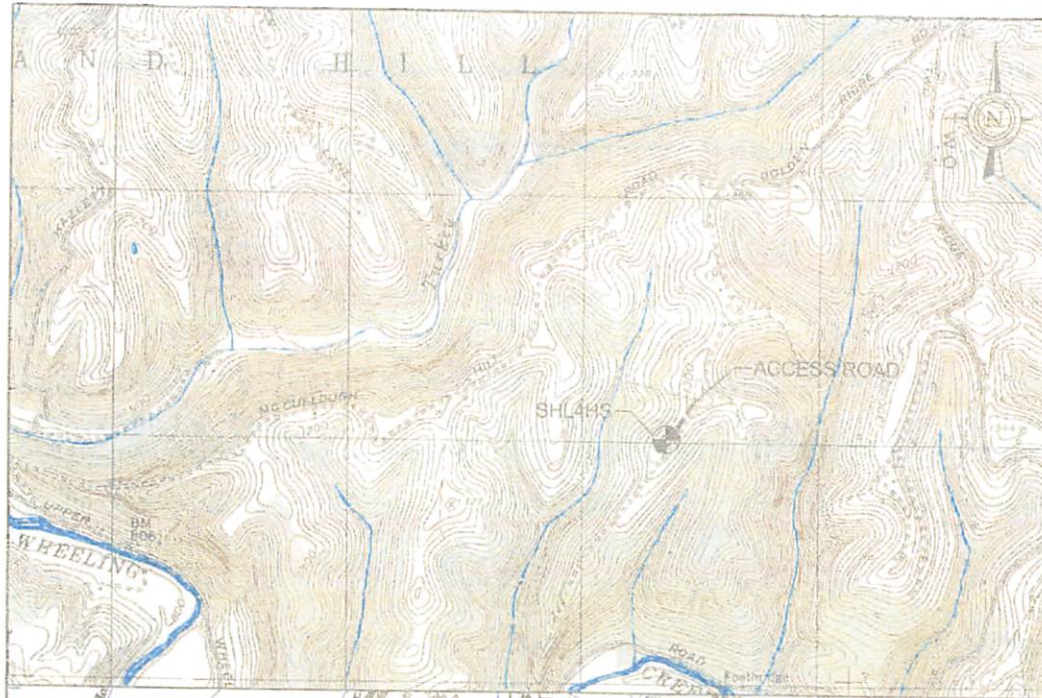
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY):

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 40'±

WELL OPERATOR NOBLE ENERGY, INC. Address 333 TECHNOLOGY DRIVE, SUITE 116 City CANONSBURG State PA Zip Code 15317

DESIGNATED AGENT STEVEN M. GREEN Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590 City CHARLESTON State WV Zip Code 25301

07/12/2013



CONSOL ENERGY, INC.

SHL4HS

LOCATION MAP

MAJORSVILLE QUADRANGLE  
MARSHALL COUNTY HIGHWAY MAP

SCALE: 1" = 2000'  
SCALE: 1" = 1 MILE

Received  
Office of Oil & Gas

JUN 21 2013