

Well is located on topo map 9,126 feet south of Latitude: 39° 52' 30"

Well is located on topo map 6,805 feet west of Longitude: 80° 45' 00"

SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4411127.630
 E: 519314.071
NAD27, WV NORTH
 N: 494195.834
 E: 1642196.193
LAT/LON DATUM-NAD83
 LAT: 39.849949
 LON: -80.774227

APPROX. LANDING POINT
 UTM 17 - NAD83
 N: 4411700.111
 E: 520026.518
NAD27, WV NORTH
 N: 496035.319
 E: 1644565.400
LAT/LON DATUM-NAD83
 LAT: 39.855091
 LON: -80.765881

BOTTOM HOLE LOCATION
 UTM 17 - NAD83
 N: 4413685.916
 E: 518585.982
NAD27, WV NORTH
 N: 502630.827
 E: 1639947.180
LAT/LON DATUM-NAD83
 LAT: 39.873015
 LON: -80.782665

WATER WELLS:
 NONE FOUND



- NOTES:**
1. There are no water wells or developed springs within 250' of proposed well.
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of proposed well.
 5. Proposed well is greater than 1000' from surface groundwater intake or public water supply.
 6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WWS#1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM WATERWAY
- ROAD
- EXISTING GAS WELL

LINE TABLE

LINE	BEARING	DISTANCE
R1	S14°31'55"W	246.21
R2	N89°32'57"W	306.91
R3	N12°16'59"E	343.28
R4	S70°17'22"E	2217.80
R5	N13°30'16"W	826.73

PVE Sheffler
 Engineering • Surveying • Design
 Waterfront Corporate Park III, Suite 101
 2000 Georgetowne Drive
 Sewickley, PA 15143-8992
 Phone: 724-444-1100

FILE #: MND 01 HHS
 DRAWING #: MND 01 HHS
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 638.58'

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: *Gary A. Sheffler*
 R.P.E.: 21452 L.L.S.: P.S. NO.



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



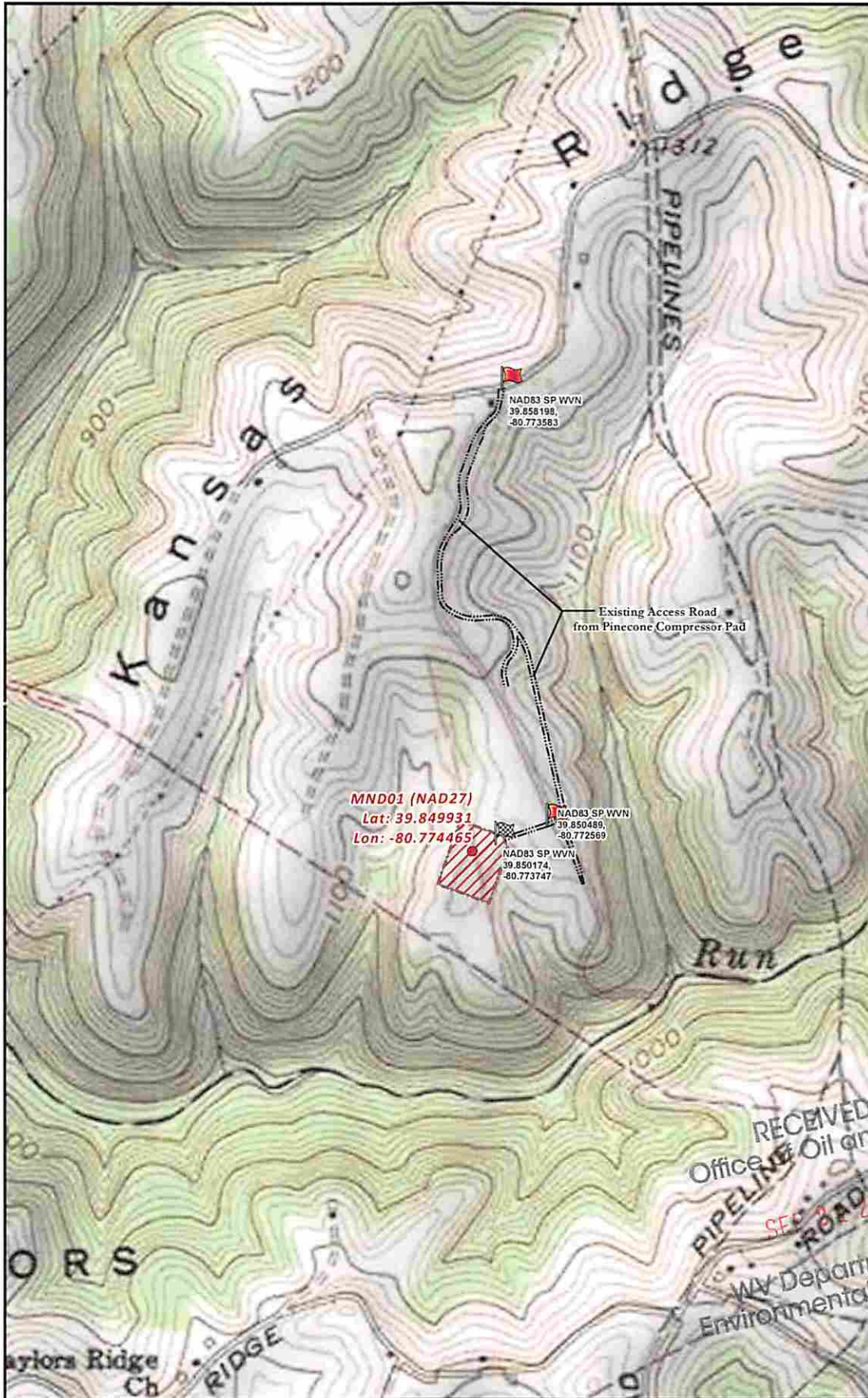
DATE: JULY 29, 2015 - REV. JULY 30, 2015
 OPERATOR'S WELL #: MND 01 HHS
 API WELL # 47 051 01864
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow
 WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1151.18'
 COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: POWHATAN POINT, W. VA./OHIO
 SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY ACREAGE: 126.99
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY, LLC, ET AL ACREAGE: 126.99

10/02/2015

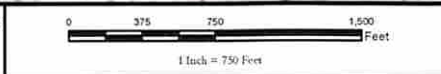
DRILL CONVERT DRILL DEEPER RE-DRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,360' + TMD: 15,885' +
 WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: JESSICA ALGOP
 Address: 1000 NOBLE ENERGY DRIVE Address: 301 GOLDEN EAGLE DRIVE
 City CANONSBURG State PA Zip Code 15317 City MORGANTOWN State WV Zip Code 26508



RECEIVED
 Office of Oil and Gas
 SEP 2 2015
 WV Department of
 Environmental Protection

MND 01 SITE SAFETY PLAN
 - SITE / ACCESS ROAD -



Date: 9/16/2015
 Author:
 Christopher Glover

- Site Entrance
- Well Pad
- Proposed Access Road
- Well Pad Entrance
- Well Pad Boundary

Projection: NAD 1927 UTM Zone 17N
 Units: Foot US

Disclaimer: All data is licensed for use by Noble Energy Inc. use only.

