

SURFACE LOCATION (SHL)		LANDING POINT (LP)	
UTM 17 NAD 83	N) 4,407,541.33m	UTM 17 NAD 83	N) 4,407,831.59m
	E) 517,840.19m		E) 517,857.10m
	NAD 27 WV NORTH		NAD 27 WV NORTH
	N) 482,508.3'		N) 483,459.9'
	E) 1,637,163.3'		E) 1,637,234.7'
	NAD 83		NAD 83
	DEC. LAT.) 39.817669°		DEC. LAT.) 39.820284°
	DEC. LONG.) 80.791553°		DEC. LONG.) 80.791348°

BOTTOM HOLE LOCATION (BHL)	
UTM 17 NAD 83	N) 4,410,070.62m
	E) 516,227.00m
	NAD 27 WV NORTH
	N) 490,896.7'
	E) 1,632,008.3'
	NAD 83
	DEC. LAT.) 39.840490°
	DEC. LONG.) 80.810339°

UTM NAD83

Longitude: W 80°47'30"

5,750'

PROPOSED SURFACE LOCATION LAT. N 39°49'03.3" (NAD 27)

OHIO POWER COMPANY  
TMP # 05-06-03

CONSOLIDATION COAL COMPANY  
TMP # 05-06-01

EXISTING GAS WELL LOCATION  
NTS

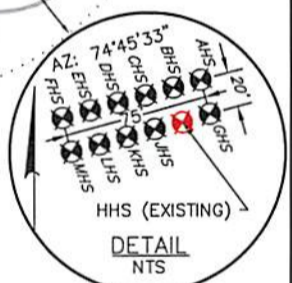
PERMITTED	
SURFACE LOCATION (SHL)	
UTM 17 NAD 83	N) 4,407,541.33m
	E) 517,840.19m
	NAD 27 WV NORTH
	N) 482,508.3'
	E) 1,637,163.3'
	NAD 83
	DEC. LAT.) 39.817669°
	DEC. LONG.) 80.791553°
LANDING POINT (LP)	
UTM 17 NAD 83	N) 4,407,831.48m
	E) 517,856.22m
	NAD 27 WV NORTH
	N) 483,459.5'
	E) 1,637,231.8'
	NAD 83
	DEC. LAT.) 39.820283°
	DEC. LONG.) 80.791358°
BOTTOM HOLE LOCATION (BHL)	
UTM 17 NAD 83	N) 4,410,073.08m
	E) 516,230.16m
	NAD 27 WV NORTH
	N) 490,904.6'
	E) 1,632,018.8'
	NAD 83
	DEC. LAT.) 39.840512°
	DEC. LONG.) 80.810302°

PERMITTED	
SURFACE LOCATION (SHL)	
UTM 17 NAD 83	N) 4,407,541.33m
	E) 517,840.19m
	NAD 27 WV NORTH
	N) 482,508.3'
	E) 1,637,163.3'
	NAD 83
	DEC. LAT.) 39.817669°
	DEC. LONG.) 80.791553°
LANDING POINT (LP)	
UTM 17 NAD 83	N) 4,407,831.48m
	E) 517,856.22m
	NAD 27 WV NORTH
	N) 483,459.5'
	E) 1,637,231.8'
	NAD 83
	DEC. LAT.) 39.820283°
	DEC. LONG.) 80.791358°
BOTTOM HOLE LOCATION (BHL)	
UTM 17 NAD 83	N) 4,410,073.08m
	E) 516,230.16m
	NAD 27 WV NORTH
	N) 490,904.6'
	E) 1,632,018.8'
	NAD 83
	DEC. LAT.) 39.840512°
	DEC. LONG.) 80.810302°

PERMITTED	
SURFACE LOCATION (SHL)	
UTM 17 NAD 83	N) 4,407,541.33m
	E) 517,840.19m
	NAD 27 WV NORTH
	N) 482,508.3'
	E) 1,637,163.3'
	NAD 83
	DEC. LAT.) 39.817669°
	DEC. LONG.) 80.791553°
LANDING POINT (LP)	
UTM 17 NAD 83	N) 4,407,831.48m
	E) 517,856.22m
	NAD 27 WV NORTH
	N) 483,459.5'
	E) 1,637,231.8'
	NAD 83
	DEC. LAT.) 39.820283°
	DEC. LONG.) 80.791358°
BOTTOM HOLE LOCATION (BHL)	
UTM 17 NAD 83	N) 4,410,073.08m
	E) 516,230.16m
	NAD 27 WV NORTH
	N) 490,904.6'
	E) 1,632,018.8'
	NAD 83
	DEC. LAT.) 39.840512°
	DEC. LONG.) 80.810302°

- GENERAL NOTES:**
1. THE LOCATION OF BOUNDARY LINES SHOWN HEREON ARE BASED ON RECORD DEED, PLATS, AND TAX MAPS BEST FIT TO FOUND FIELD EVIDENCE AND AERIAL PHOTOS, UNLESS OTHERWISE NOTED.
  2. THIS PLAT DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE INDIVIDUAL PARCELS.
  3. THERE ARE NO EXISTING WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' OF PROPOSED WELL.
  4. PROPOSED WELL IS GREATER THAN 100' FROM PERENNIAL STREAM, WETLAND, POND, RESERVOIR OR LAKE.
  5. THERE ARE NO NATIVE TROUT STREAMS WITHIN 300' OF PROPOSED WELL.
  6. THERE ARE TWO DWELLINGS LOCATED WITHIN 650' OF PROPOSED WELLBORE. DISTANCE AS SHOWN ABOVE.
  7. THE SURROUNDING LANDS ARE BEING SERVED BY PUBLIC WATER BY THE GRAND VIEW DOOLIN WATER SYSTEM PROVIDED BY MARSHALL COUNTY PUBLIC HEALTH AND SANITATION DIVISION.
  8. NO PRODUCING DEEP WELLS WITHIN 3,000 ft. OF WELL BORE.

- LEGEND**
- PROPOSED GAS WELL
  - AS-DRILLED BORE
  - PROPOSED BORE
  - TIE LINE
  - UNIT BOUNDARY
  - PROPERTY LINE
  - STREAM LINE
  - BUFFER LINE
  - GAS WELL
  - PLUGGED GAS WELL



FILE #: **093842010**

DRAWING #: **093842010\_SV-Plat**

SCALE: **PLAT & TICK: 1" = 2,000'**

MINIMUM DEGREE OF ACCURACY: **1/2,500**

PROVEN SOURCE OF ELEVATION: **NGS (CORS)**

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.

SIGNED: *Craig Robert West*

R.P.E.: \_\_\_\_\_ L.L.S.: **2241**



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

**WVDEP**

**OFFICE OF OIL & GAS**

**601 57TH STREET**

**CHARLESTON, WV 25304**



DATE: **AUGUST 24, 2015**

OPERATOR'S WELL #: **MND 06 HHS**

API WELL #: **47 051 01732**

STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  WASTE DISPOSAL  LIQUID INJECTION  PRODUCTION  STORAGE  DEEP  SHALLOW

WATERSHED: **FISH CREEK**

COUNTY/DISTRICT: **MARSHALL / FRANKLIN**

SURFACE OWNER: **CONSOLIDATION COAL COMPANY**

OIL & GAS ROYALTY OWNER: **CNX GAS COMPANY LLC and NOBLE ENERGY, INC.**

CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PERFORATE NEW FORMATION  PLUG & ABANDON

DRILL  PLUG OFF OLD FORMATION  CLEAN OUT & REPLUG  OTHER CHANGE (SPECIFY): \_\_\_\_\_

TARGET FORMATION: **UTICA and POINT PLEASANT**

ESTIMATED DEPTH: **TVD: 10,412±ft. TMD: 20,115±ft.**

WELL OPERATOR: **NOBLE ENERGY, INC.**

DESIGNATED AGENT: **STEVE M. GREEN**

ADDRESS: **333 TECHNOLOGY DRIVE, SUITE 116**

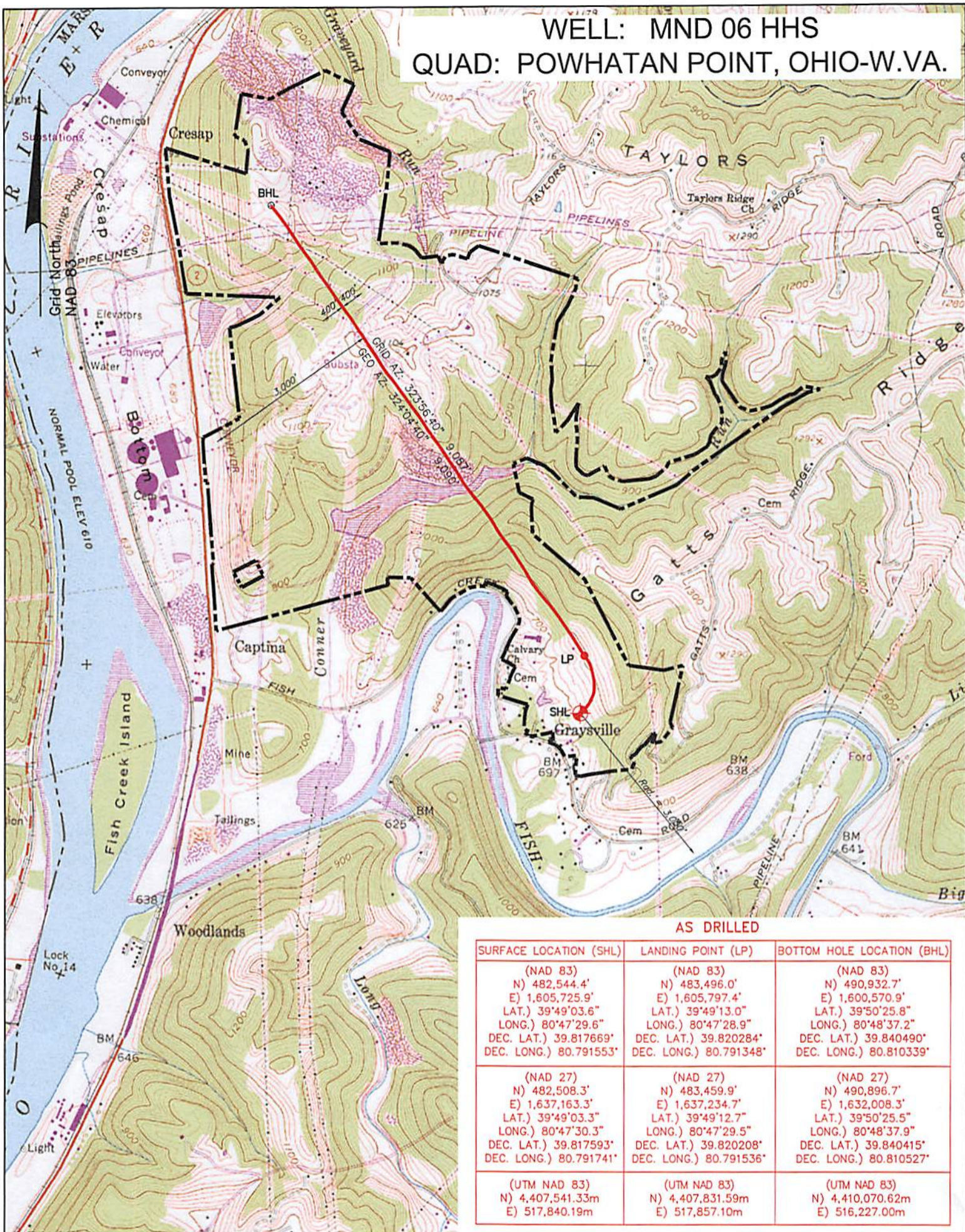
ADDRESS: **500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590**

CITY: **CANONSBURG** STATE: **PA** ZIP CODE: **15317**

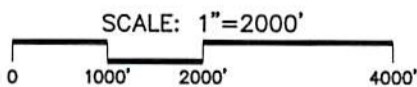
CITY: **CHARLESTON** STATE: **WV** ZIP CODE: **25301**



# WELL: MND 06 HHS QUAD: POWHATAN POINT, OHIO-W.VA.



## AS DRILLED PLAT



**GENERAL NOTE:**  
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF PROPOSED GAS WELLS AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS AND AERIAL MAPPING.

### LEGEND

- EXISTING GAS WELL
- PROPOSED BOTTOM HOLE
- AS-DRILLED BORE
- UNIT BOUNDARY

### AS DRILLED

SURFACE LOCATION (SHL)	LANDING POINT (LP)	BOTTOM HOLE LOCATION (BHL)
(NAD 83) N) 482,544.4' E) 1,605,725.9' LAT.) 39°49'03.6" LONG.) 80°47'29.6" DEC. LAT.) 39.817669° DEC. LONG.) 80.791553°	(NAD 83) N) 483,496.0' E) 1,605,797.4' LAT.) 39°49'13.0" LONG.) 80°47'28.9" DEC. LAT.) 39.820284° DEC. LONG.) 80.791348°	(NAD 83) N) 490,932.7' E) 1,600,570.9' LAT.) 39°50'25.8" LONG.) 80°48'37.2" DEC. LAT.) 39.840490° DEC. LONG.) 80.810339°
(NAD 27) N) 482,508.3' E) 1,637,163.3' LAT.) 39°49'03.3" LONG.) 80°47'30.3" DEC. LAT.) 39.817593° DEC. LONG.) 80.791741°	(NAD 27) N) 483,459.9' E) 1,637,234.7' LAT.) 39°49'12.7" LONG.) 80°47'29.5" DEC. LAT.) 39.820208° DEC. LONG.) 80.791536°	(NAD 27) N) 490,896.7' E) 1,632,008.3' LAT.) 39°50'25.5" LONG.) 80°48'37.9" DEC. LAT.) 39.840415° DEC. LONG.) 80.810527°
(UTM NAD 83) N) 4,407,541.33m E) 517,840.19m	(UTM NAD 83) N) 4,407,831.59m E) 517,857.10m	(UTM NAD 83) N) 4,410,070.62m E) 516,227.00m

### PERMITTED

SURFACE LOCATION (SHL)	LANDING POINT (LP)	BOTTOM HOLE LOCATION (BHL)
(NAD 83) N) 482,544.4' E) 1,605,726.0' LAT.) 39°49'03.6" LONG.) 80°47'29.6" DEC. LAT.) 39.817669° DEC. LONG.) 80.791553°	(NAD 83) N) 483,495.7' E) 1,605,794.4' LAT.) 39°49'13.0" LONG.) 80°47'28.9" DEC. LAT.) 39.820283° DEC. LONG.) 80.791358°	(NAD 83) N) 490,940.6' E) 1,600,581.4' LAT.) 39°50'25.8" LONG.) 80°48'37.1" DEC. LAT.) 39.840512° DEC. LONG.) 80.810302°
(NAD 27) N) 482,508.3' E) 1,637,163.3' LAT.) 39°49'03.3" LONG.) 80°47'30.3" DEC. LAT.) 39.817593° DEC. LONG.) 80.791741°	(NAD 27) N) 483,445.96' E) 1,637,231.8' LAT.) 39°49'12.7" LONG.) 80°47'29.6" DEC. LAT.) 39.820207° DEC. LONG.) 80.791546°	(NAD 27) N) 490,904.6' E) 1,632,018.8' LAT.) 39°50'25.6" LONG.) 80°48'37.8" DEC. LAT.) 39.840437° DEC. LONG.) 80.810490°
(UTM NAD 83) N) 4,407,541.33m E) 517,840.20m	(UTM NAD 83) N) 4,407,831.48m E) 517,856.22m	(UTM NAD 83) N) 4,410,073.08m E) 516,230.16m

Applicant / Well Operator Name <b>NOBLE ENERGY, INC.</b>	Well(Farm) Name <b>MND06</b>	Well # <b>HHS</b>	Serial #
Address <b>333 TECHNOLOGY DRIVE, SUITE 116, CANONSBURG, PA 15317</b>	County - Code <b>MARSHALL - 051</b>	District <b>FRANKLIN</b>	
Surface Landowner / Lessor <b>CONSOLIDATION COAL COMPANY</b>	USGS 71/2 Quadrangle Map Name <b>POWHATAN POINT, OHIO-W.VA</b>		Scale: <b>1" = 2,000'</b>