

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-001-00566 WELL NO.: BAR-566

FARM NAME: W. D. Cleavenger

RESPONSIBLE PARTY NAME: Wolf Run Mining LLC

COUNTY: Barbour DISTRICT: Pleasant

QUADRANGLE: Philippi

SURFACE OWNER: Suzan & Glenn Mimplitsch

ROYALTY OWNER: Suzan & Glenn Mimplitsch

UTM GPS NORTHING: 4341560.735

UTM GPS EASTING: 577494.130 GPS ELEVATION: 1330.57

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS  : Post Processed Differential \_\_\_\_\_  
Real-Time Differential

Mapping Grade GPS \_\_\_\_\_ : Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

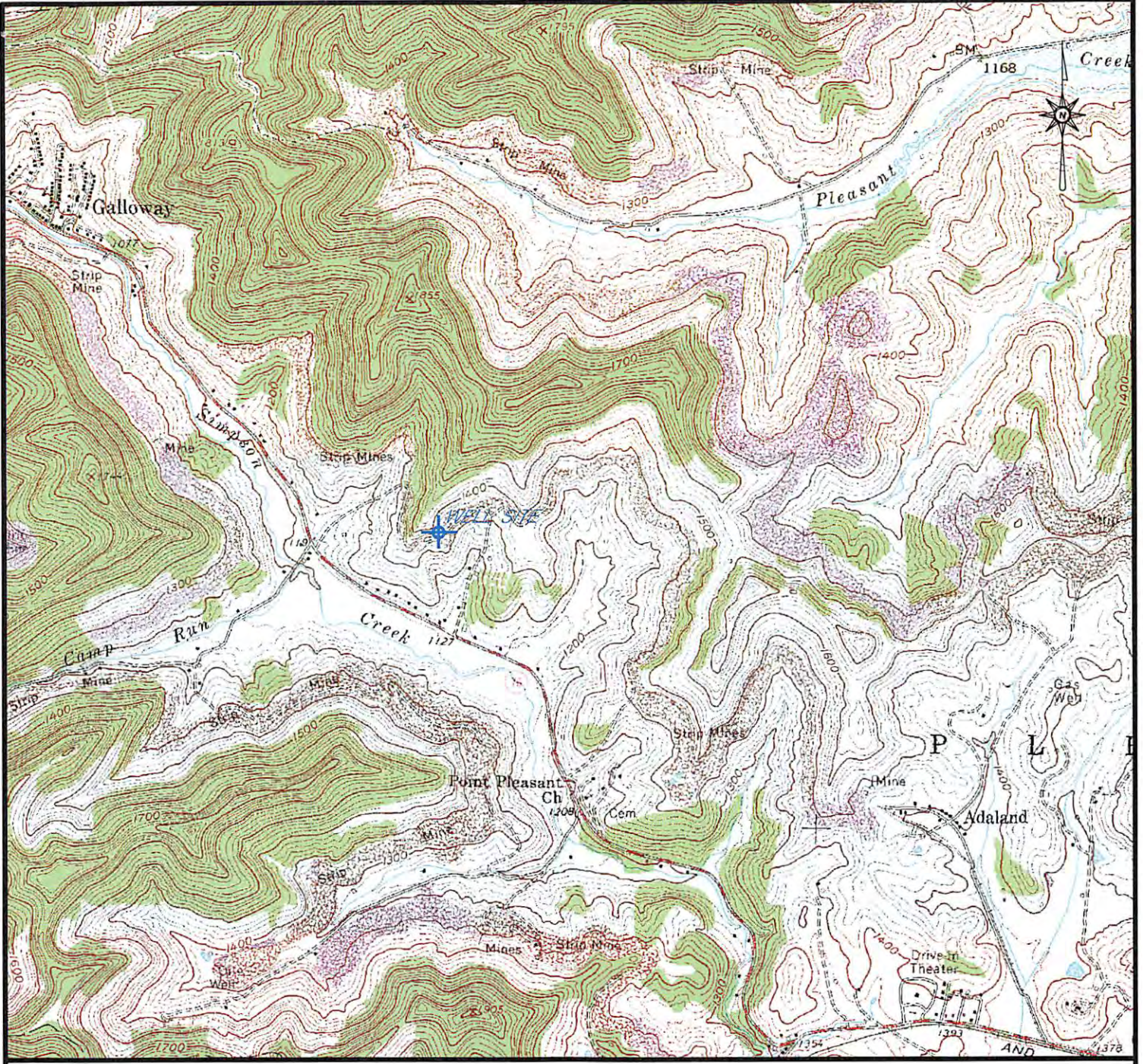
Signature

Power of Attorney  
\_\_\_\_\_  
Title

May 30, 2018  
\_\_\_\_\_  
Date

RECEIVED  
Office of Oil and Gas  
JUN 08 2018  
WV Department of  
Environmental Protection  
06/22/2018

1-00566P



LATITUDE: 39° 13' 11"  
 LONGITUDE: 80° 06' 09"  
 NEAREST WATERCOURSE: Simpson Creek  
 NEAREST TOWN: Philippi

OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. BAR-566  
47 - 001 - 00566  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_\_\_ GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION \_\_\_\_\_ WATERSHED Simpson Creek  
 DISTRICT Pleasant COUNTY Barbour  
 QUADRANGLE Philippi 7 12'  
 SURFACE OWNER: Suzan & Glenn Mimitsch ACREAGE 66  
 OIL & GAS ROYALTY OWNER: Suzan & Glenn Mimitsch LEASE ACREAGE 66  
 LEASE NO. C\*AA-8082  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_  
 FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_  
 PERFORATE NEW FORMATION \_\_\_\_\_  
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION Benson, Riley ESTIMATED DEPTH 4500'  
 WELL OPERATOR Wolf Run Mining LLC DESIGNATED AGENT Charles E. Duckworth  
 ADDRESS 100 Tygart Drive, Grafton, WV 26354 ADDRESS 100 Tygart Drive, Grafton, WV 26354

RECEIVED  
Office of Oil and Gas

JUN 08 2018

**Wolf Run Mining LLC**  
 A Subsidiary of Arch Coal, Inc.  
 100 Tygart Drive  
 Grafton, WV 26354  
 WV Department of  
 Environmental Protection  
 API WELL NO. 47-001-00566  
 BAR-566  
 LOCATION MAP

DRAWN	
DATE	BY
5/18	TAN
REVISED	
DATE	BY

APPROVED	Pleasant District Philippi, WV 7.5' Quadrangle		Barbour County West Virginia	
DATE	BY	TOPOGRAPHIC CONTOUR INTERVAL = 20'	Scale: 1"=2000'	File No.: 47-001-00566 BAR-566.dgn
				Sheet No.: 1 of 1
Path DWG\WOLF RUN\SENTINEL\SENTINEL PERMITS\WV OIL & GAS\SENTINEL MAPS				

06/22/2018