

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-001-00702 WELL NO.: BAR-702

FARM NAME: W. D. Cleavenger

RESPONSIBLE PARTY NAME: Wolf Run Mining LLC

COUNTY: Barbour DISTRICT: Pleasant

QUADRANGLE: Philippi

SURFACE OWNER: Charles E. Cleavenger et al

ROYALTY OWNER: Charles E. Cleavenger et al

UTM GPS NORTHING: 4341622.455

UTM GPS EASTING: 578544.289 GPS ELEVATION: 1411.58'

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:

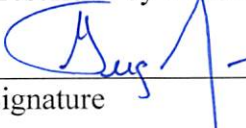
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

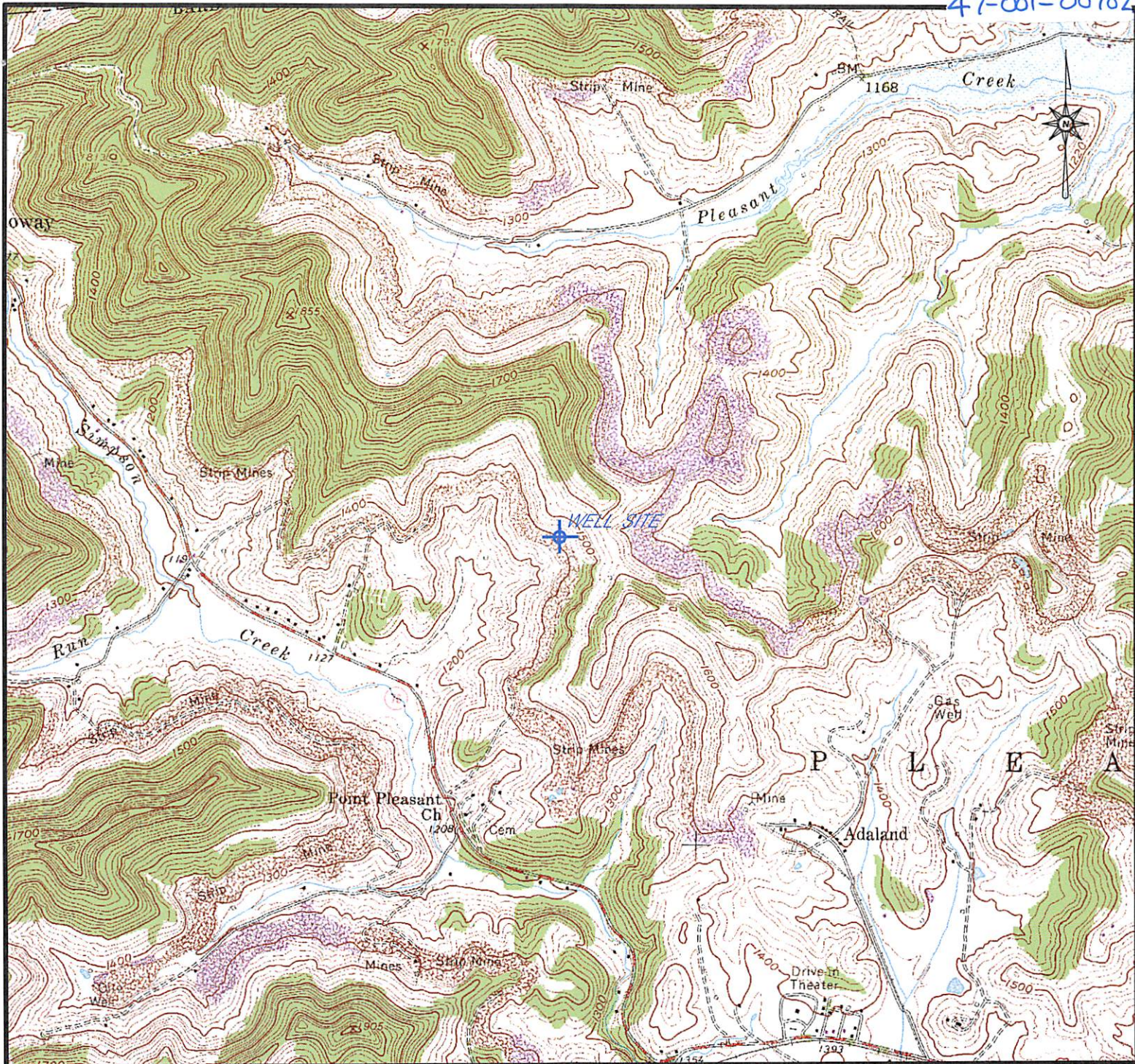
Survey grade GPS : Post Processed Differential _____
Real-Time Differential

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.

	Power of Attorney	May 16, 2019
Signature	Title	Date



RECEIVED
Office of Oil and Gas
MAY 28 2019

LATITUDE: 39° 13' 13"
LONGITUDE: 80° 05' 25"
NEAREST WATERCOURSE: Simpson Creek
NEAREST TOWN: Philippi

OPERATOR'S WELL NO. _____
API WELL NO. **BAR-702**
47 - 001 - 00702
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 1/2'
SURFACE OWNER: W. D. Clevenger Heirs ACREAGE 252
OIL & GAS ROYALTY OWNER: W. D. Clevenger Heirs LEASE ACREAGE 252
LEASE NO. _____
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 ESTIMATED DEPTH 4650'
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

WV Department of Environmental Protection
Wolf Run Mining LLC
A Subsidiary of Arch Coal, Inc.
100 Tygart Drive
Grafton, WV 26354

API WELL NO. 47-001-00702
BAR-702
LOCATION MAP

DRAWN	
DATE	BY
5/19	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.: 47-001-00702 BAR-702.dgn	Sheet No.: 1 of 1