

TOP HOLE LOCATION
SURVEYED LONGITUDE -79°58'22.85"

4,147'

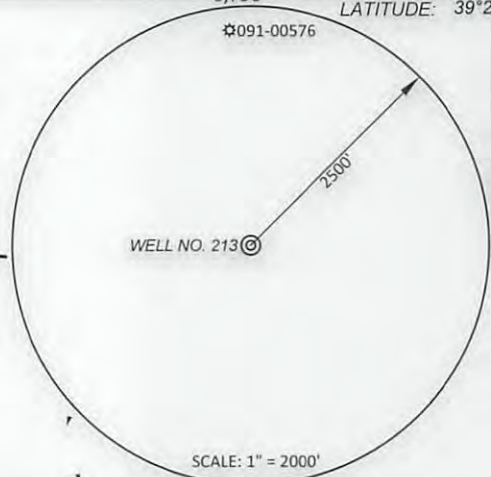
BOTTOM HOLE LOCATION
SURVEYED LONGITUDE -79°58'56.62"

6,796' LATITUDE: 39°27'30"

ARSENAL RESOURCES WILLIAMS WELL NO. 213

THE JOHN M. CONNOLLY TRUST, ETAL 19-26-7.8 38.23 AC±
THE JOHN M. CONNOLLY TRUST, ETAL 19-26-11 77.6 AC±

ID	BEARING	DISTANCE
L1	N 29°31'E	1014.41'
L2	N 86°43'W	1589.08'



SCALE: 1" = 2000'

NOTES ON SURVEY

- NO OCCUPIED DWELLINGS OR BUILDINGS 2500 SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY WITHIN 625' OF THE CENTER OF THE WELL PAD WERE OBSERVED
- SURFACE OWNERSHIP TAKEN FROM THE MARION AND TAYLOR COUNTY TAX ASSESSOR AND COUNTY CLERK OFFICES IN APRIL, 2016
- WELL LATITUDE AND LONGITUDE FROM SURVEY GRADE OPUS SOLUTION DERIVED ON MARCH, 2016
- TIES TO CORNERS AND REFERENCES BASED ON WV STATE PLANE COORDINATE SYSTEM, NAD '83 NORTH ZONE UNLESS OTHERWISE NOTED
- LEASE INFORMATION PROVIDED BY ARSENAL RESOURCES

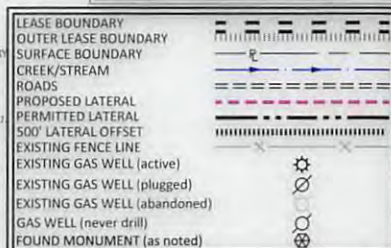
TOP HOLE (UTM NAD 83) N) 4364248.31 E) 588397.17
LANDING POINT (UTM NAD 83) N) 4363844.96 E) 588166.36
BOTTOM HOLE (UTM NAD 83) N) 4365562.14 E) 587574.81

ARSENAL RESOURCES WELL NO. 213		
LEASE NO.	LESSOR	LEASE AC.
00005194 (WV L01054.000)	WILLIAM C. WILLIAMS	107.25
00005133 (WV L01001.000)	WILLIAM M. COMPTON ETUX DAVID S. SUMMERS ETUX	264.35
00005132 (WV L01000.000)	HARRY L. & NANCY LARESSA SUMMERS	47.00
00005134 (WV L01002.000)	VIRGINIA G. ROWLAND	42.75

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



WILLIAMS PAD LAYOUT



600 Marketplace Avenue, Suite 200
Bridgeport, WV 26330
Toll Free 855-488-9539
Fax 304-933-3327



Civil & Environmental Consultants, Inc.

DATE APRIL 04, 2017

SCALE 1" = 1200' ACCURACY 1:2500

OPERATORS WELL No. 213

47 - 091 - 01332464
API No.

TYPE OF WELL:

GAS:

Production Storage *Deep *Shallow

PROPOSED WORK ON LOCATION:

Drill Drill Deeper Redrill Convert
Fracture/ Stimulate *Plug off to Formation
Perforate New Formation Plug and Abandon
Clean/ Replug Other Than Above
If "Other" Please see Details below—
DETAILS OF PROPOSED WORK

*TARGET FORMATION MARCELLUS

ESTIMATED DEPTH TMD: 14,553' TVD: 7,826'

WELL OPERATOR ARSENAL RESOURCES

ADDRESS 6031 WALLACE RD. EXT. SUITE 300
WEXFORD, PA 15090



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 Division of Environmental Protection.

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL AREA & LOCATION INFORMATION:

ELEVATION SOURCE DGPS (OPUS)
ELEVATION EXISTING: 1810' PROPOSED: 1804'
WATERSHED WHITEDAY CREEK DISTRICT FETTERMAN
COUNTY TAYLOR TOPO QUAD GLADESVILLE
SURFACE OWNER WILLIAM C. WILLIAMS
ACREAGE 107.25 ±
ROYALTY OWNER WILLIAM C. WILLIAMS
LEASE ACREAGE 107.25 ± (see box)

05/05/2017

DESIGNATED AGENT WILLIAM VEIGEL

ADDRESS 65 PROFESSIONAL PLACE
BRIDGEPORT, WV 26330

BOTTOM HOLE LOCATION
SURVEYED LATITUDE 39°26'06.56"

12,784'

TOP HOLE LOCATION
SURVEYED LATITUDE 39°25'23.65"