

TOP HOLE LOCATION  
SURVEYED LONGITUDE -79°58'22.70"

4,135'

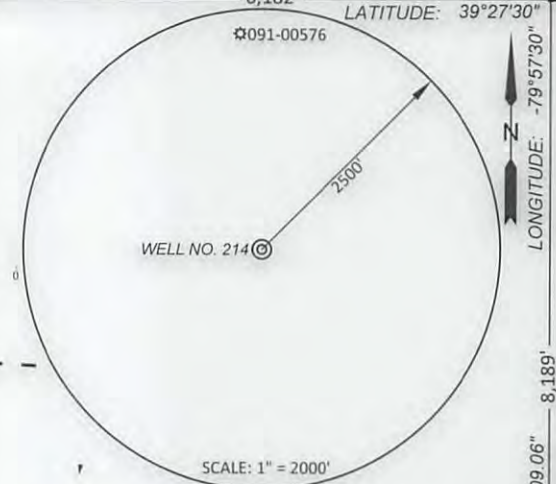
BOTTOM HOLE LOCATION  
SURVEYED LONGITUDE -79°58'48.80"

6,182' LATITUDE: 39°27'30"

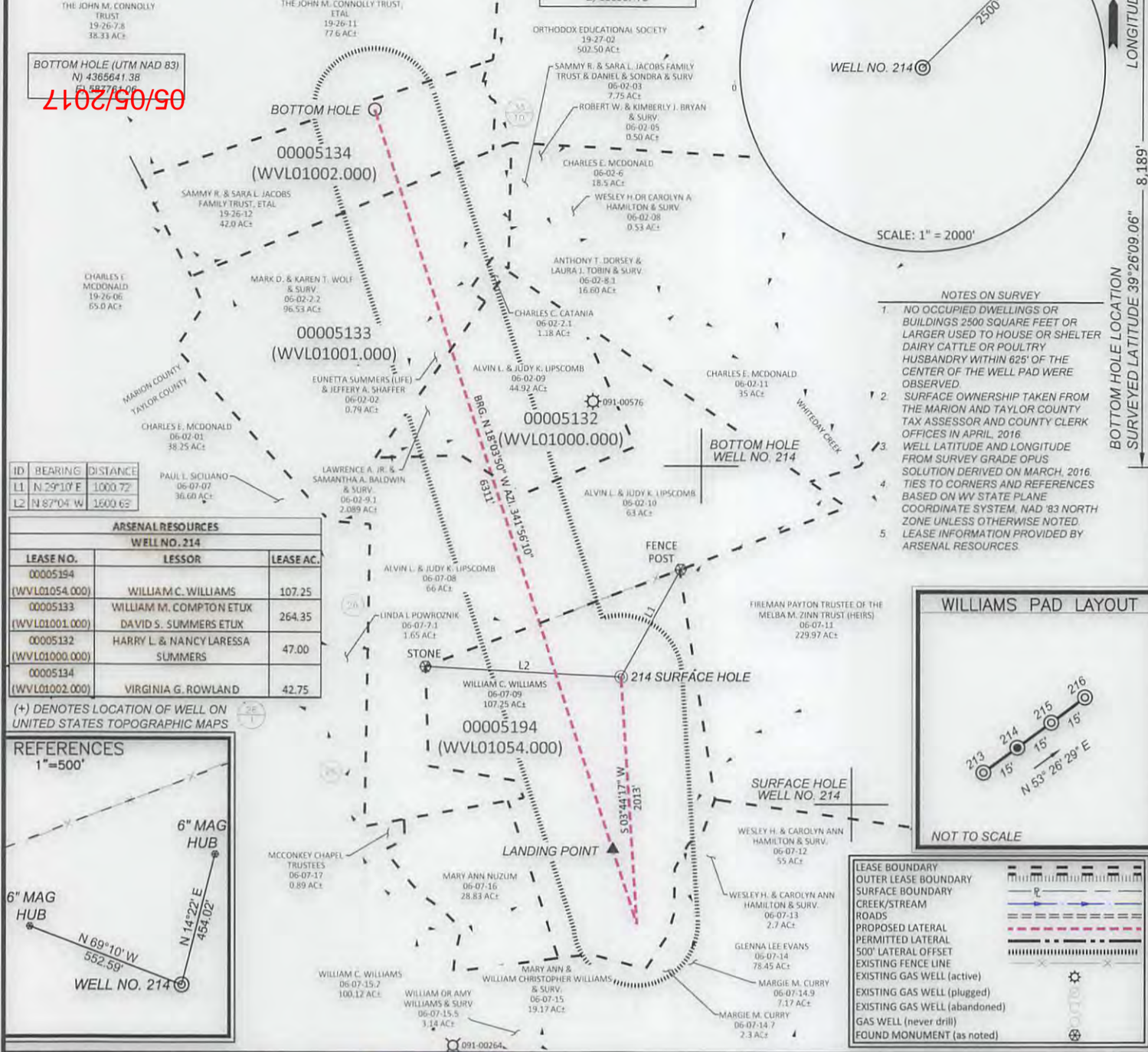
# ARSENAL RESOURCES WILLIAMS WELL NO. 214

TOP HOLE (UTM NAD 83)  
N) 4364251.09  
E) 588400.79

LANDING POINT (UTM NAD 83)  
N) 4363823.16  
E) 588387.75



BOTTOM HOLE (UTM NAD 83)  
N) 4365641.38  
E) 588770.00  
**5/05/2017**

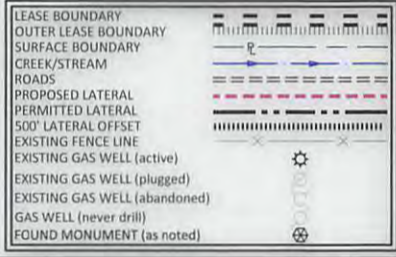
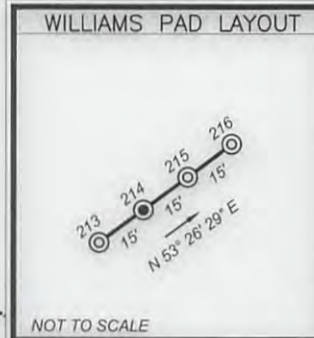
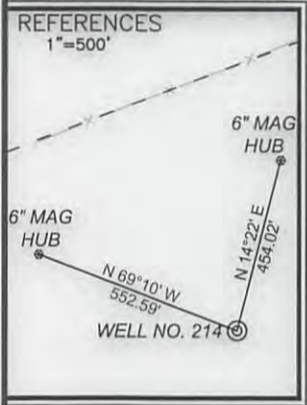


- NOTES ON SURVEY
- NO OCCUPIED DWELLINGS OR BUILDINGS 2500 SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY WITHIN 625' OF THE CENTER OF THE WELL PAD WERE OBSERVED
  - SURFACE OWNERSHIP TAKEN FROM THE MARION AND TAYLOR COUNTY TAX ASSESSOR AND COUNTY CLERK OFFICES IN APRIL, 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

ID	BEARING	DISTANCE
L1	N 2°10' E	1000.72'
L2	N 87°04' W	1600.63'

ARSENAL RESOURCES WELL NO. 214		
LEASE NO.	LESSOR	LEASE AC.
00005194 (WVLO1054.000)	WILLIAM C. WILLIAMS	107.25
00005133 (WVLO1001.000)	WILLIAM M. COMPTON ETUX DAVID S. SUMMERS ETUX	264.35
00005132 (WVLO1000.000)	HARRY L. & NANCY LARESSA SUMMERS	47.00
00005134 (WVLO1002.000)	VIRGINIA G. ROWLAND	42.75

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



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

**Civil & Environmental Consultants, Inc.**



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.

*Dennis E. Miller*

DATE APRIL 04, 2017

SCALE 1" = 1200' ACCURACY 1:2500

OPERATORS  
WELL No. 214

47 - 091 - 01333146  
API No.

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

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: 14,907' TVD: 7,826'

WELL AREA & LOCATION INFORMATION:

ELEVATION SOURCE DGPS (OPUS)

ELEVATION EXISTING: 1811' 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 at top of plat)

WELL OPERATOR ARSENAL RESOURCES

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

DESIGNATED AGENT WILLIAM VEIGEL

ADDRESS 65 PROFESSIONAL PLACE  
BRIDGEPORT, WV 26330

TOP HOLE LOCATION SURVEYED LATITUDE 39°25'23.74"

BOTTOM HOLE LOCATION SURVEYED LATITUDE 39°26'09.06"

12,775'