

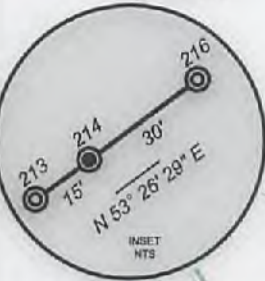
Latitude: 39°27'30" SURFACE HOLE 4135'

Latitude: 39°27'30" BOTTOM HOLE 6390'

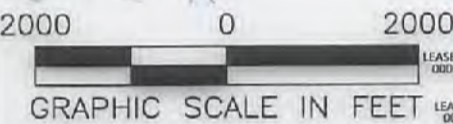
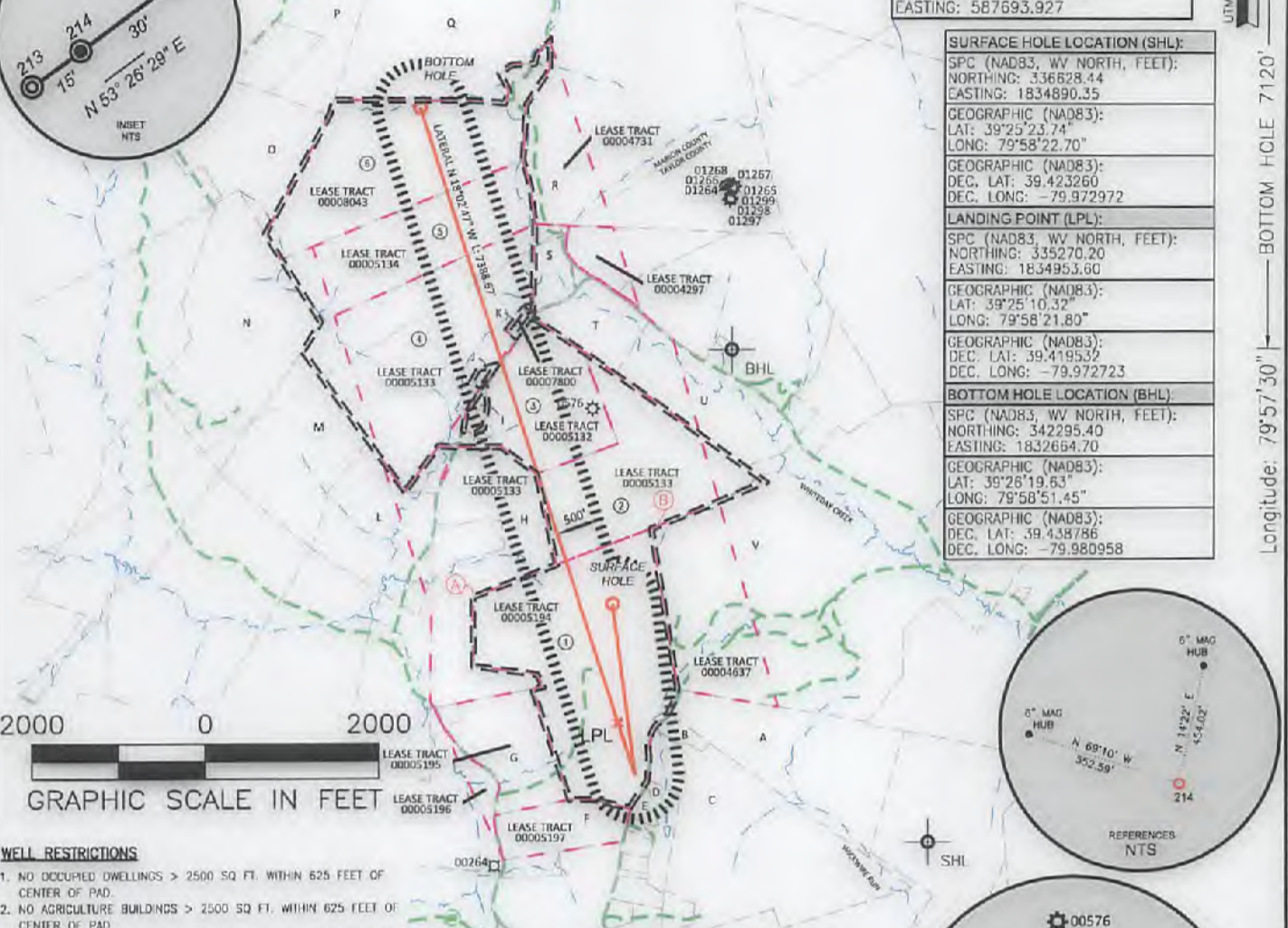
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26330
304-933-3119



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4364251.091 EASTING: 588400.794
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4363837.580 EASTING: 588426.956
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4365966.418 EASTING: 587693.927



SURFACE HOLE LOCATION (SHL):
SPC (NAD83, WV NORTH, FEET): NORTHING: 336628.44 EASTING: 1834890.35
GEOGRAPHIC (NAD83): LAT: 39°25'23.74" LONG: 79°58'22.70"
GEOGRAPHIC (NAD83): DEC. LAT: 39.423260 DEC. LONG: -79.972972
LANDING POINT (LPL):
SPC (NAD83, WV NORTH, FEET): NORTHING: 335270.20 EASTING: 1834953.60
GEOGRAPHIC (NAD83): LAT: 39°25'10.32" LONG: 79°58'21.80"
GEOGRAPHIC (NAD83): DEC. LAT: 39.419532 DEC. LONG: -79.972723
BOTTOM HOLE LOCATION (BHL):
SPC (NAD83, WV NORTH, FEET): NORTHING: 342295.40 EASTING: 1832664.70
GEOGRAPHIC (NAD83): LAT: 39°26'19.63" LONG: 79°58'51.45"
GEOGRAPHIC (NAD83): DEC. LAT: 39.438786 DEC. LONG: -79.980958



WELL RESTRICTIONS

1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 969 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 800 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

TAX MAP PARCEL SURVEYED LINE COORDINATES (UTM - NAD 83 - ZONE 17, U.S. FOOT)			
	NORTHING	EASTING	LONGITUDE
A	14318435.936	1928845.676	-79.978832°
B	14319262.042	1930917.956	-79.971262°

NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 991



COMPANY:



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF SURVEY GRADE GPS ELEVATION: (NAVD 88, US FT)

WILLIAMS
OPERATOR'S WELL #: 214
API WELL #: 47 091 01333 MOO
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW
WATERSHED: WHITEDAY CREEK ELEVATION: 1,804'
DISTRICT: FETTERMAN DISTRICT COUNTY: TAYLOR QUADRANGLE: GLADESVILLE
SURFACE OWNER: WILLIAM C. WILLIAMS ACREAGE: 107.25±
OIL & GAS ROYALTY OWNER: WILLIAM C. WILLIAMS ACREAGE: 107.25±
DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,826 TWD 16,010.7 TMD

WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: WILLIAM VEIGEL
ADDRESS: 6031 WALLACE RD, EXT. SUITE 300 ADDRESS: 65 PROFESSIONAL PLACE, SUITE 200
CITY: WEXFORD STATE: PA ZIP CODE: 15090 CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330

LEGEND:	<ul style="list-style-type: none"> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ⊙ EXISTING / PRODUCING WELLHEAD LPL* LANDING POINT LOCATION ⊕ EXISTING WATER WELL ⊕ EXISTING SPRING — SURVEYED BOUNDARY — PROPOSED PATH == PENETRATED PARCEL - - LEASE BOUNDARY - - MAIN ROAD - - ADJOINER PROPERTY - - WATER ⊕ SURVEYED CORNER 	REVISIONS: DATE: 04-04-2018 DRAWN BY: K.E.S. SCALE: 1" = 2000' DRAWING NO: 154-452 WELL LOCATION PLAT
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 304-933-3119

WELL BORE TABLE FOR SURFACE OWNERS		
TRACT	SURFACE OWNER	TAX PARCEL
1	WILLIAM C. WILLIAMS	06-07-09
2	ALVIN L. & JUDY K. LIPSCOMB	06-02-10
3	ALVIN L. & JUDY K. LIPSCOMB	06-02-09
4	MARK D. & KAREN T. WOLF & SURV.	06-02-2.2
5	SAMMY R. & SARA L. JACOBS FAMILY TRUST, ET AL	19-26-12
6	THE JOHN M. CONNOLLY TRUST, ET AL	19-26-11

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WESLEY H. & CAROLYN ANN HAMILTON & SURV.	06-07-12
B	WESLEY H. & CAROLYN ANN HAMILTON & SURV.	06-07-13
C	GLENNA LEE EVANS	06-07-14
D	MARGIE M. CURRY	06-07-14.9
E	MARGIE M. CURRY	06-07-14.7
F	MARY ANN & WILLIAM CHRISTOPHER WILLIAMS & SURV.	06-07-15
G	MARY ANN NUZUM	06-07-16
H	ALVIN L. & JUDY K. LIPSCOMB	06-07-08
I	LAWRENCE A. JR & SAMANTHA L. BALDWIN & SURV.	06-02-9.1
J	JEFFREY A. SHAFFER	6-2-2
K	CHARLES C. CATANIA	06-02-2.1
L	PAUL L. SICILIANO	06-07-7
M	CHARLES E. MCDONALD	06-02-1
N	CHARLES E. MCDONALD	19-26-06
O	THE JOHN M. CONNOLLY TRUST	19-26-7.8
P	DAVID L. SR & BONNIE SMITH	19-29-15
Q	THE JOHN M. CONNOLLY TRUST, ET AL	19-26-09
R	ORTHODOX EDUCATIONAL SOCIETY	06-03-41
S	SAMMY R. & SARA L. JACOBS FAMILY TRUST & DANIEL & SONDRAL & SURV	06-02-03
T	ANTHONY T. DORSEY & LAURA J. TOBIN & SURV.	06-02-8.1
U	CHARLES E. MCDONALD	6-2-11
V	FIREMAN PAYTON TRUSTEE OF MELBA M. ZINN TRUST (HEIRS)	06-07-11

06/29/2018

REVISIONS:	COMPANY:		
	OPERATOR'S	WILLIAMS	
	WELL #:	214	
	DISTRICT:	COUNTY:	STATE:
	FEETTERMAN DISTRICT	TAYLOR	WV
		DATE:	04-04-2018
		DRAWN BY:	K.E.S.
		SCALE:	N/A
		DRAWING NO:	154-452
		WELL LOCATION	PLAT 2