

Latitude: 39°17'30"

SURFACE HOLE 6212'

Latitude: 39°15'00" BOTTOM HOLE 2196'



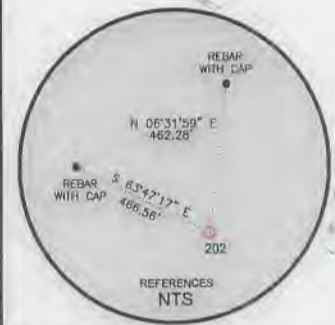
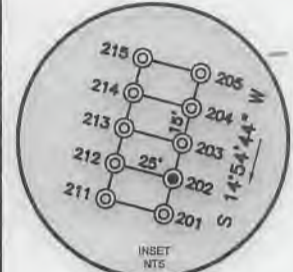
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26330
304-933-3119

Table with 2 columns: Location Name and UTM Coordinates (NORTHING, EASTING). Includes Surface Hole Location (SHL), Landing Point (LPL), and Bottom Hole Location (BHL).

02/15/2019

Table with 2 columns: Location Name and Geographic Coordinates (LAT, LONG, DEC, LONG). Includes Surface Hole Location (SHL), Landing Point (LPL), and Bottom Hole Location (BHL).

Table with 4 columns: Parcel ID, Northing, Easting, Latitude, Longitude. Includes Tax Map Parcel Surveyed Line Coordinates.

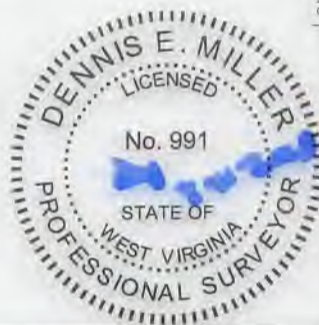
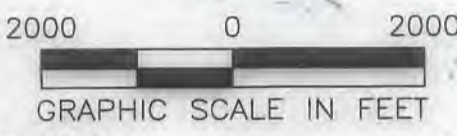


- WELL RESTRICTIONS
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 989 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS ARE WITHIN 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.

- 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: ARSENAL RESOURCES

STATE OF WEST VIRGINIA seal and well information: (+) 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 ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT). OPERATOR'S WELL #: MSTOUT TCP55, 202. API WELL #: 47, 091, 01349. STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION X DEEP GAS X LIQUID INJECTION STORAGE SHALLOW X. WATERSHED: GABE FORK. DISTRICT: COURTHOUSE DISTRICT COUNTY: TAYLOR. SURFACE OWNER: MARK LEWIS STOUT. OIL & GAS ROYALTY OWNER: MARK LEWIS STOUT. DRILL X DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION. CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY). TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,625 TVD 21,219.24 TMD.

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

LEGEND: 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: 09-11-2018. DRAWN BY: K.E.S. SCALE: 1" = 2000'. DRAWING NO: 172-461. WELL LOCATION PLAT



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02/15/2019

WELL BORE TABLE FOR SURFACE OWNERS		
TRACT	SURFACE OWNER	TAX PARCEL
1	MARK LEWIS STOUT	05-14-67
2	WILLIAM I. AND CAROLYN HAMMARSTROM	09-08-08
3	DANIEL J. ESSIG	09-08-09
4	DANIEL J. ESSIG	09-08-10
5	RICHARD L. CLEAVENGER, ET AL	09-13-32

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	ROBERT M. SPENCER	05-14-45.2
B	MARK LEWIS STOUT	05-14-66
C	ALBERT C. AND GENEVIEVE WOLFE	05-14-63.3
D	KENNETH AND SARAH REED	05-14-63.4
E	MELVIN R. WILLIAMS	05-14-63.2
F	PATRICIA J. HARRYMAN	05-14-63.1
G	PATRICIA J. HARRYMAN	05-14-68
H	BECKWITH LUMBER COMPANY INC.	05-20-05
I	WILLIAM R. AND CRYSTAL D. MOSS, ET AL	09-08-11
J	CLEO EARL COFFMAN	09-08-10.1
K	TYSON E. AND TERI LYNN BUDNAR	09-08-12
L	TYSON E. AND TERI LYNN BUDNAR	09-08-13
M	CLEMENTA PROUDFOOT HRS	09-13-33
N	ROBERT R. AND MINDI J. JACOBS	09-14-17
O	ROBERT R. AND MINDI J. JACOBS	09-13-34.2
P	JASON P. AND BRENDA J. CORDER	09-13-35.7
Q	SUZAN AND GLEN MIMLITSCH	09-13-31
R	BECKWITH LUMBER COMPANY INC.	09-13-23
S	LEE SWIGER AND SHIRLEY SWIGER	09-08-10.2
T	DANIEL J. ESSIG	09-08-9.2
U	DANIEL J. ESSIG	09-08-9.1
V	JIM L. MALLOW	09-08-8.1
W	WILLIAM R. HAMMARSTROM	09-08-8.2
X	WILLIAM I. AND CAROLYN HAMMARSTROM	09-08-07
Y	WILLIAM R. AND ANNE V. HAMMARSTROM	09-08-06
Z	BECKWITH LUMBER COMPANY INC.	09-08-01
AA	BECKWITH LUMBER COMPANY INC.	05-20-10
BB	JAMES F. AND ALICIA M. KINSEY	05-20-04

REVISIONS:

COMPANY:



OPERATOR'S

MSTOUT TCP55

DATE: 09-11-2018

WELL #:

202

DRAWN BY: K.E.S.

DISTRICT:
COURTHOUSE DISTRICT

COUNTY:
TAYLOR

STATE:
WV

SCALE: N/A
 DRAWING NO: 172-461
 WELL LOCATION PLAT 2