

Latitude: 39°22'30" (FELLOWSVILLE) 9,459' BHL

Latitude: 39°22'30" 1,540' SHL
(THORNTON)

THRASHER

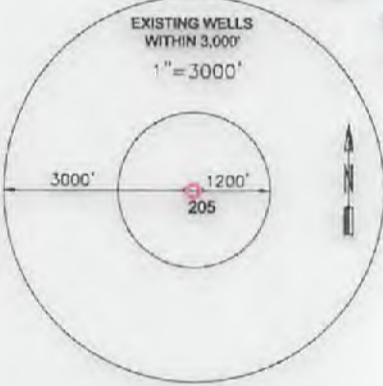
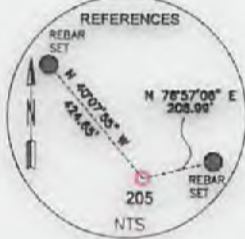
THE THRASHER GROUP, INC.
800 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-4108

NOTES ON SURVEY

- COORDINATES SYSTEM IS STATE PLANE, NAD 83 DATUM, WV NORTH, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 525 FEET OF PROPOSED OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.

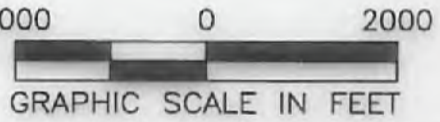
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
1	FRANKLIN M. & PEGGY A. JENNINGS	P/0 04-9-6	41.00
2	FRANKLIN M. & PEGGY A. JENNINGS	03-20-3	106.75
3	FRANKLIN M. & PEGGY A. JENNINGS	03-17-46	7.00
4	FRANKLIN M. & PEGGY A. JENNINGS	03-17-41	41.75
5	FRANKLIN M. & PEGGY A. JENNINGS	04-9-5	38.5
6	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	EVANSVILLE PIKE	N/A
7	FRANKLIN M. & PEGGY A. JENNINGS	04-9-7.2	4.03
8	FRANKLIN M. & PEGGY A. JENNINGS	04-9-8	12.25
9	FRANKLIN M. & PEGGY A. JENNINGS	04-9-10.4	5.81
10	FRANKLIN M. & PEGGY A. JENNINGS	04-10-27	86.94
11	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS	GEORGE WASHINGTON HWY	N/A
12	REVOCABLE HERISHMAN FAMILY TRUST	04-10-28	1.25
13	BLAINE A. & ELDORA L. JENNINGS	04-10-27	86.94

TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	EVANSVILLE CHURCH & CEMETERY	04-9-18.5	1.05
B	TRACY A. & TAMMY D. ORAGAN	04-9-18	4.96
C	TRACY A. & TAMMY D. ORAGAN	04-9-18.6	1.74
D	FRANKLIN M. & PEGGY A. JENNINGS	04-9-18.7	2.32
E	ROBERT DALE JR. & SUSAN HOVATER	04-9-18.1	1.80
F	ROBERT & VIRGINIA HOVATER	04-9-18.3	0.64
G	JENNY P. A. HERR	04-9-10.2	1.78
H	EVANSVILLE COMMUNITY ASSOCIATION	04-9-10.2	1.42
I	LINDA L. METERS	04-9-30	1.25
J	RHONDA CLARKSON JENNINGS	04-9-31	1.11
K	ROSE MARIE KELLAR	04-9-7	3.99
L	MARY L. LINTON	04-10-32.1	0.43
M	STANLEY WAYNE JENNINGS	04-10-32	0.80
N	GARETH LYNN JENNINGS	04-10-30	0.13



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,355,875.462
EASTING: 596,496.753
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,355,989.420
EASTING: 596,907.669
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,354,272.817
EASTING: 597,708.037

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. 2270

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	FRANKLIN JENNINGS
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	OPERATOR'S WELL #: 205 API WELL #: 47 STATE 77 COUNTY 00646 PERMIT
WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS <input checked="" type="checkbox"/> LIQUID INJECTION STORAGE SHALLOW <input checked="" type="checkbox"/>	WATERSHED: SANDY CREEK DISTRICT: LYON COUNTY: PRESTON	ELEVATION: 1725.8' (DESIGN) QUADRANGLE: THORNTON, FELLOWSVILLE	ACREAGE: 41.00 ACREAGE: 41.00
SURFACE OWNER: FRANKLIN M. & PEGGY A. JENNINGS OIL & GAS ROYALTY OWNER: FRANKLIN M. & PEGGY A. JENNINGS	DRILL <input checked="" type="checkbox"/> DRILL DEEPER REDRILL FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION PERFORATE NEW FORMATION	ESTIMATED DEPTH: 8,286 TMD 15,170 TMD	DATE: 10-27-2017
WELL OPERATOR: ARSENAL RESOURCES ADDRESS: 6031 WALLACE ROAD EXTENSION #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	REVISIONS:	DRAWN BY: R. DOERR SCALE: 1" = 200' DRAWING NO: 030-3133 WELL LOCATION PLAT
LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ✖ EXISTING / PRODUCING WELLHEAD LPL LANDING POINT LOCATION Ⓢ EXISTING WATER WELL Ⓣ EXISTING SPRING	— SURVEYED BOUNDARY — DRILLING UNIT - - - LEASE BOUNDARY - - - PROPOSED PATH - - - 500' BUFFER	TARGET FORMATION: MARCELLUS	DATE: 10-27-2017

02/23/2018

4707700646

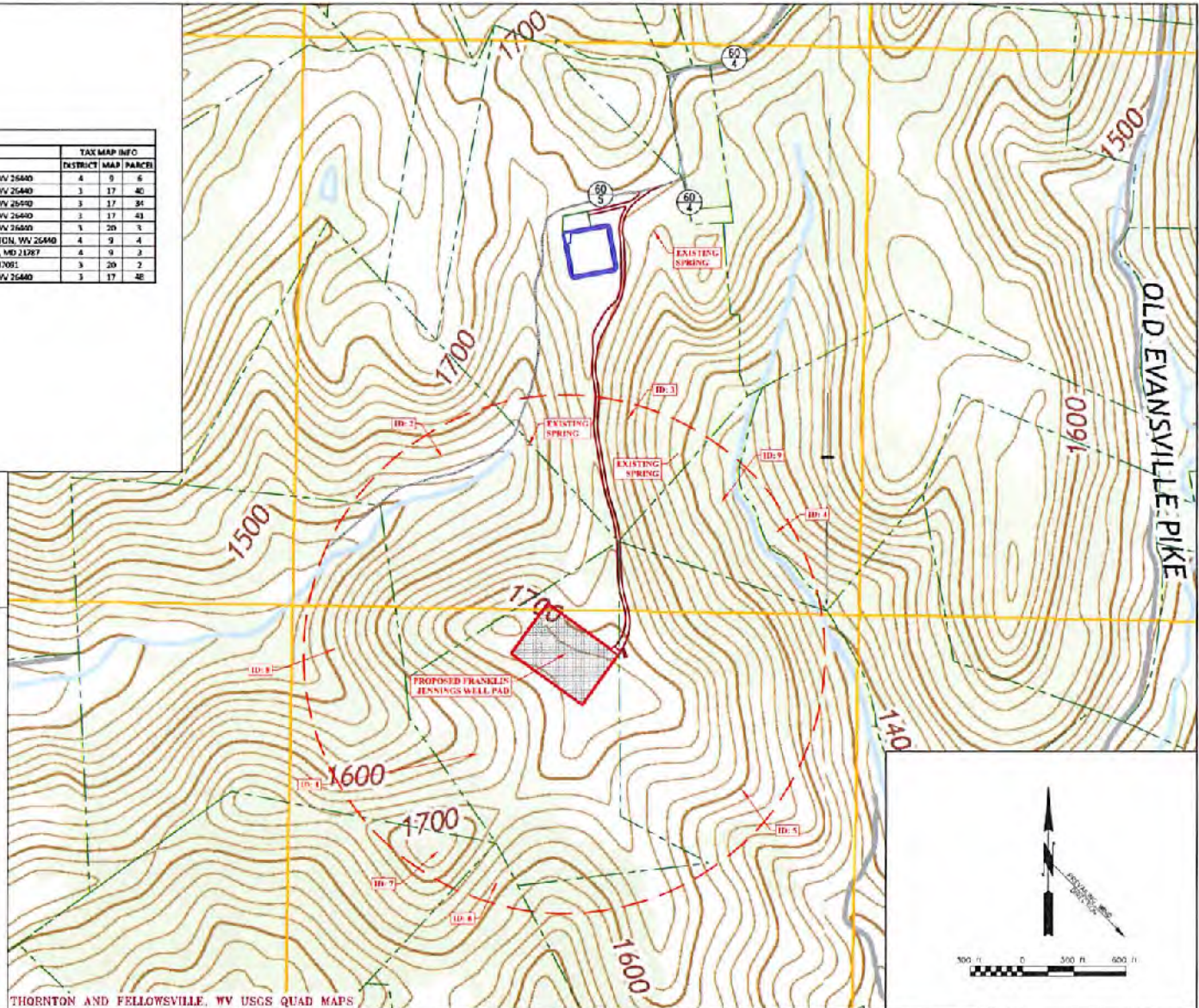
EXISTING PARCEL OWNER AND ADDRESS TABLE			
ID	OWNER	ADDRESS	TAX MAP INFO
			DISTRICT MAP PARCELS
1	JENNINGS FRANKLIN M & PEGGY A	463 EVANSVILLE PIKE, THORNTON, WV 26440	4 9 6
2	JENNINGS FRANKLIN M & PEGGY A; JENNINGS CARETHLYNN ET AL	463 EVANSVILLE PIKE, THORNTON, WV 26440	3 17 40
3	JENNINGS FRANKLIN M & PEGGY A	468 EVANSVILLE PIKE, THORNTON, WV 26440	3 17 84
4	JENNINGS FRANKLIN MAURICE	463 EVANSVILLE PIKE, THORNTON, WV 26440	3 17 43
5	JENNINGS FRANKLIN M & PEGGY A	468 EVANSVILLE PIKE, THORNTON, WV 26440	3 20 3
6	JENNINGS CLYNN & RICARDA L	3215 GEORGE WASHINGTON HWY, BIDDINGTON, WV 26440	4 9 4
7	NESTOR RICHARD A & BART T	3500 KUM STATION RD, TANEYTOWN, MD 21287	4 9 3
8	BINGHAM CAROLYN WENFRED & NEWMAN CHARLES HERMAN B	550 JOYCE AVE, LEWISBURG, TN 37081	3 20 2
9	JENNINGS FRANKLIN M & PEGGY A	463 EVANSVILLE PIKE, THORNTON, WV 26440	3 17 46

- LEGEND**
- 1,500-FT RADIUS FROM WELL PAD (AREAS INSIDE LIMITS WILL BE SAMPLED)
 - PROPOSED WELL PAD
 - PROPERTY LINE
 - PARCEL ID # (SEE TABLE)

PRESTON COUNTY, WV HIGHWAY MAP



1 MILE 0 1 MILE 2 MILES
HIGHWAY MAP SCALE



THORNTON AND FELLOWSVILLE, WV USGS QUAD MAPS

DRAWN BY: [Name] DATE: [Date] CHECKED BY: [Name] DATE: [Date]
 PROJECT NO: 101-030-3133 CONTRACT NO: [Number]
 SCALE: AS SHOWN FIELD BOOK NO: [Number]

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NO. BY DATE SIGNATURE



SCALE	DATE
DRAWN	DATE
CHECKED	DATE
APPROVED	DATE
SURVEY DATE	
SURVEY BY	
FIELD BOOK NO.	



PROJECT NO.	101-030-3133
CONTRACT NO.	

ARSENAL RESOURCES
 SITE SAFETY PLANS FOR THE
 FRANKLIN JENNINGS WELL PAD
 PRESTON COUNTY, WEST VIRGINIA
 POTENTIAL WATER SOURCES

SHEET NO.
W