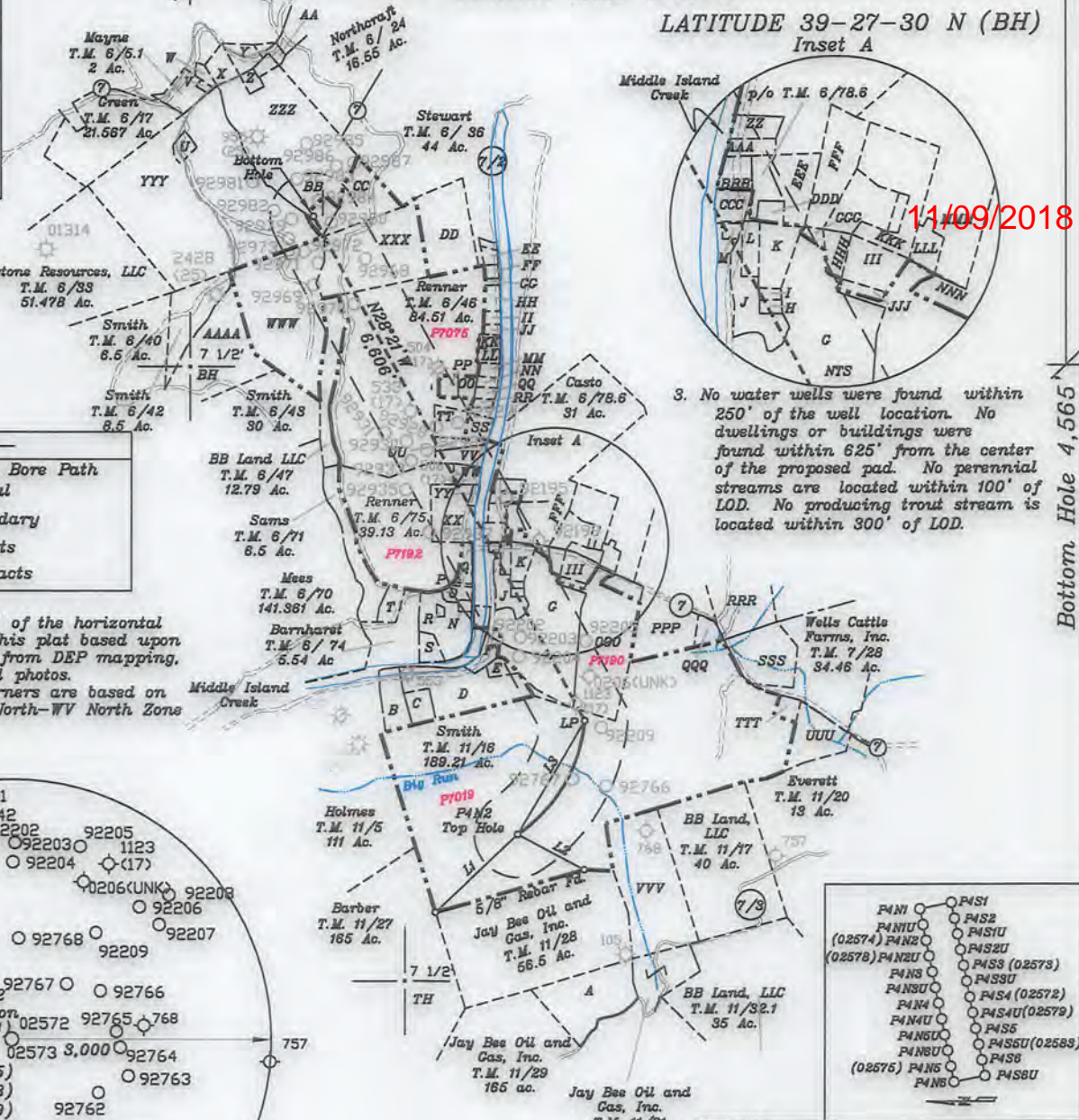
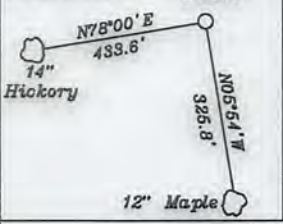


References:



3. No water wells were found within 250' of the well location. No dwellings or buildings were found within 625' from the center of the proposed pad. No perennial streams are located within 100' of LOD. No producing trout stream is located within 300' of LOD.

11/09/2018

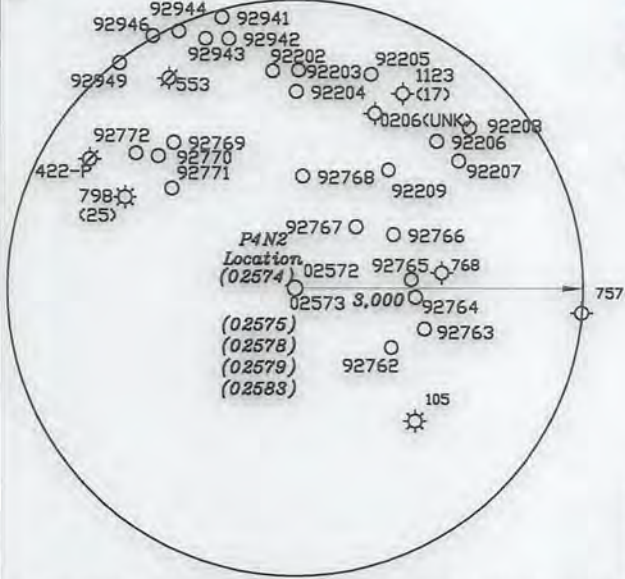
— LEGEND —

- 500' from Bore Path
- Well Lateral
- Unit Boundary
- Lease Tracts
- Surface Tracts

Notes:

1. All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats, & aerial photos.
2. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.

NORTH



NUMBER	DIRECTION	DISTANCE
L1	S46°25'W	1,311'
L2	S61°55'E	871'
L3	N30°35'E	1,518'

Top Hole
 Geo NAD 83- 39.426370 N, 81.069501 W
 UTM NAD 83(Meters)-4364095.37 N, 494018.04 E
 UTM NAD 83(Feet)-14317869.55 N, 1620790.865 E

Landing Point
 Geo NAD 83- 39.429994 N, 81.066848 W
 UTM NAD 83(Meters)-4364497.34 N, 494246.71 E
 UTM NAD 83(Feet)-14319188.37 N, 1621541.07 E

Bottom Hole
 Geo NAD 83- 39.445800 N, 81.078313 W
 UTM NAD 83(Meters)-4368252.36 N, 493261.46 E
 UTM NAD 83(Feet)-14324946.29 N, 1618308.65 E

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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION GPS
submeter unit

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) David L. Jackson
 R.P.E. _____ P.S. 708



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE October 24, 2018
 OPERATOR'S WELL NO. P4N2
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____ STATE 47 COUNTY 073 PERMIT 02574 MOD
 (IF 'GAS') PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION: ELEVATION 957.22' WATER SHED Big Run of Outlet Middle Island Creek (HUC-10)
 DISTRICT Union COUNTY Pleasants
 QUADRANGLE Bens Run 7 1/2'

SURFACE OWNER John A. Smith & Edith U. Smith. ACREAGE Ac. 189.21
 OIL & GAS ROYALTY OWNER John A. Smith & Edith U. Smith. LEASE ACREAGE Ac. 189.21
 LEASE NO. See above & Page 2

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Marcellus ESTIMATED DEPTH TVD = 5,995'; TMD = 14,619'
 WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
 ADDRESS 1720 Route 22 E, Union, NJ 07083 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

Bottom Hole 4,565' Top Hole 11,643' LONGITUDE 81-02-30 W

JACKSON SURVEYING
INC.

P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

WELL BORE TABLE FOR PROPERTY OWNERS

TRACT	OWNER	TM PARCEL	ACRES	Lease Numbers
A	JAY BEE OIL AND GAS INC	11 / 30	25.14	
B	BLAKE	11 / 12	5.0	
C	BOWIE	11 / 13	3.25	
D	BOWIE	11 / 14	12.855	
E	BOWIE	6 / 92	1.0	
F	BOWIE	6 / 91	1.95	
G	RENNER	6 / 90.3	20.791	P7072
H	HOLMES	6 / 88	0.17	P7077
I	HOLMES	6 / 87	0.17	P7077
J	FLEMING	6 / 90.1	6.08	P7077
K	HOLMES	6 / 89	1.73	P7077
L	WHARTON	6 / 98	0.686	P7077
M	WHARTON	6 / 107	0.002	P7077E
N	RUMBERG	6 / 75.1	0.53	
O	DELANCEY	6 / 75.4	0.893	
P	DELANCEY	6 / 75.5	0.42	
Q	ENRIGHT	6 / 75.3	2.28	
R	SATTERFIELD	6 / 75.2	0.24	
S	STOLLINGS	6 / 75.6	1.5	
T	BARNHART	6 / 73	1.25	
U	GREEN	6 / 28.1	1.152	
V	DALRYMPLE	6 / 5.4	0.23	
W	DALRYMPLE	6 / 5.10	0.5	
X	DALRYMPLE ET AL	6 / 5.6	1.75	
Y	BILLS & MORGAN	6 / 5.2	1.5	
Z	NORTHCRAFT	6 / 20	0.9	
AA	NORTHCRAFT	6 / 21	0.75	
BB	TICE	6 / 29	2.25	P7181B
CC	NORTHCRAFT	6 / 19	10.0	P7181A
DD	BB LAND LLC	6 / 48	20.75	
EE	OWENS	6 / 50.1	2.22	
FF	K. DECKER	6 / 51	0.76	
GG	K. DECKER	6 / 51.1	0.37	
HH	W. DECKER	6 / 52	1.26	
II	W. DECKER	6 / 52.1	0.51	
JJ	ADAMS	6 / 53	0.768	
KK	HOLMES	6 / 54 + 55	0.99	
LL	HATCHER & HIGGINS	6/56 + 46.2	1.0	
MM	WILLIAMS	6 / 57	1.0	
NN	GREGG & COWAN	6 / 58	1.0	
OO	DAY	6 / 46.1	0.35	
PP	DAY	6 / 46.3	0.66	
QQ	SATTERFIELD	6 / 59	0.77	
RR	SATTERFIELD	6 / 60	0.74	
SS	CURRY	6 / 76	2.067	
TT	EDWARDS	6 / 76.3	4.57	P7075A
UU	VENDERLIC	6 / 76.2	1.27	P7075A
VV	VENDERLIC	6 / 76.1	1.93	P7075A
WW	EDWARDS	6 / 77	2.75	P7192B
XX	EDWARDS	6 / 95	4.93	P7032
YY	BENNETT	6 / 95.1	0.56	P7032
ZZ	RENNER	6 / 78.4	1.2	
AAA	ONESTINGHEL	6 / 78.3	1.2	
BBB	KIMBALL	6 / 78.2	1.06	
CCC	GROSE	6 / 78.1	0.74	P7188C
DDD	TUCKER	6 / 78	0.52	
EEE	TUCKER	6 / 78.5	2.0	
FFF	RENNER	6 / 80	3.995	
GGG	KALINOFSKI	6 / 90	0.75	
HHH	NAGLE	6 / 93	1.13	
III	NAGLE	6 / 94	2.67	
JJJ	NAGLE	6 / 90.2	0.5	
KKK	HARMAN	6 / 94.1	0.33	
LLL	NAGLE	6 / 82.2	1.65	
MMM	RENNER	6 / 82.1	1.0	
NNN	DRANE	6 / 106.1	1.5	
OOO	SMITH	6 / 106	21.46	P7190
PPP	BUZZARD	6 / 84	10.5	
QQQ	REGULAR BAPTIST CHURCH OF JESUS CHRIST	6 / 108	2.0	
RRR	JAY BEE OIL AND GAS, LLC.	6 / 85	27.53	
SSS	CORRIGAN	6 / 105	2.165	
TTT	LAUER	11 / 16.1	1.5	
UUU	LAUER	11 / 16.2	3.29	
VVV	BB LAND LLC	11 / 18	26.75	
WWW	BREMEN ET AL	6 / 45	30.0	P7185
XXX	STEWART	6 / 34	26.83	P7184
YYY	PAYNE & GREEN	6 / 28	66.848	
ZZZ	NORTHCRAFT ET AL	6 / 18	31.75	
AAAA	SMITH	6 / 44	21.5	

11/09/2018



P.S. 708 David L. Jackson

47-073-02674



Jay Bee
Oil & Gas
DRILLING
into the future

OPERATOR'S WELL #:	P4N2	WELL PLAT
DISTRICT:	UNION	PAGE 2 OF 2
COUNTY:	PLEASANTS	DATE: 10/24/2018
STATE:	WV	