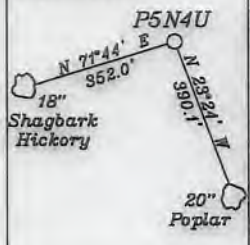


References:

LATITUDE 39-27-30 N (BH) Bottom Hole 4,815'

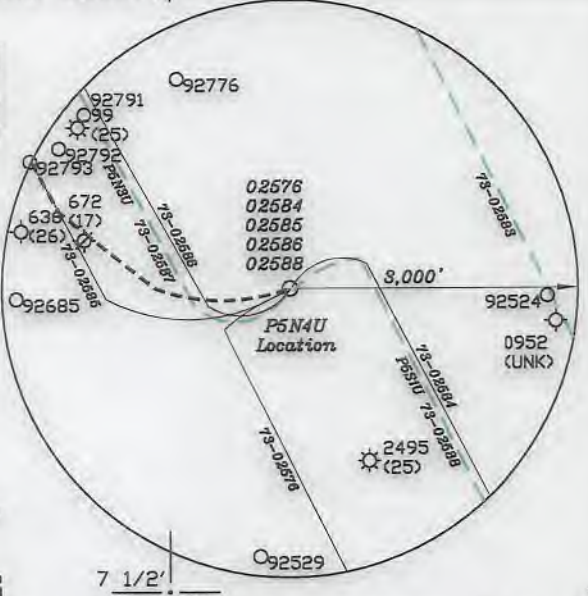


Bottom Hole
Geo NAD 83
39.440383 N, 81.100386 W
UTM NAD 83(Meters)
4365653.06 N, 491361.58 E
UTM NAD 83(Feet)
14322980.09 N, 1612075.45 E

TH 7 1/2'
— LEGEND —
— Unit Boundary Line
400' from Bore Path
— 500' from Bore Path

NUMBER	DIRECTION	DISTANCE
L1	N02°36' E	1,869.0'
L2	S73°54' W	2,980.1'
L3	N71°43' W	2,531.1'

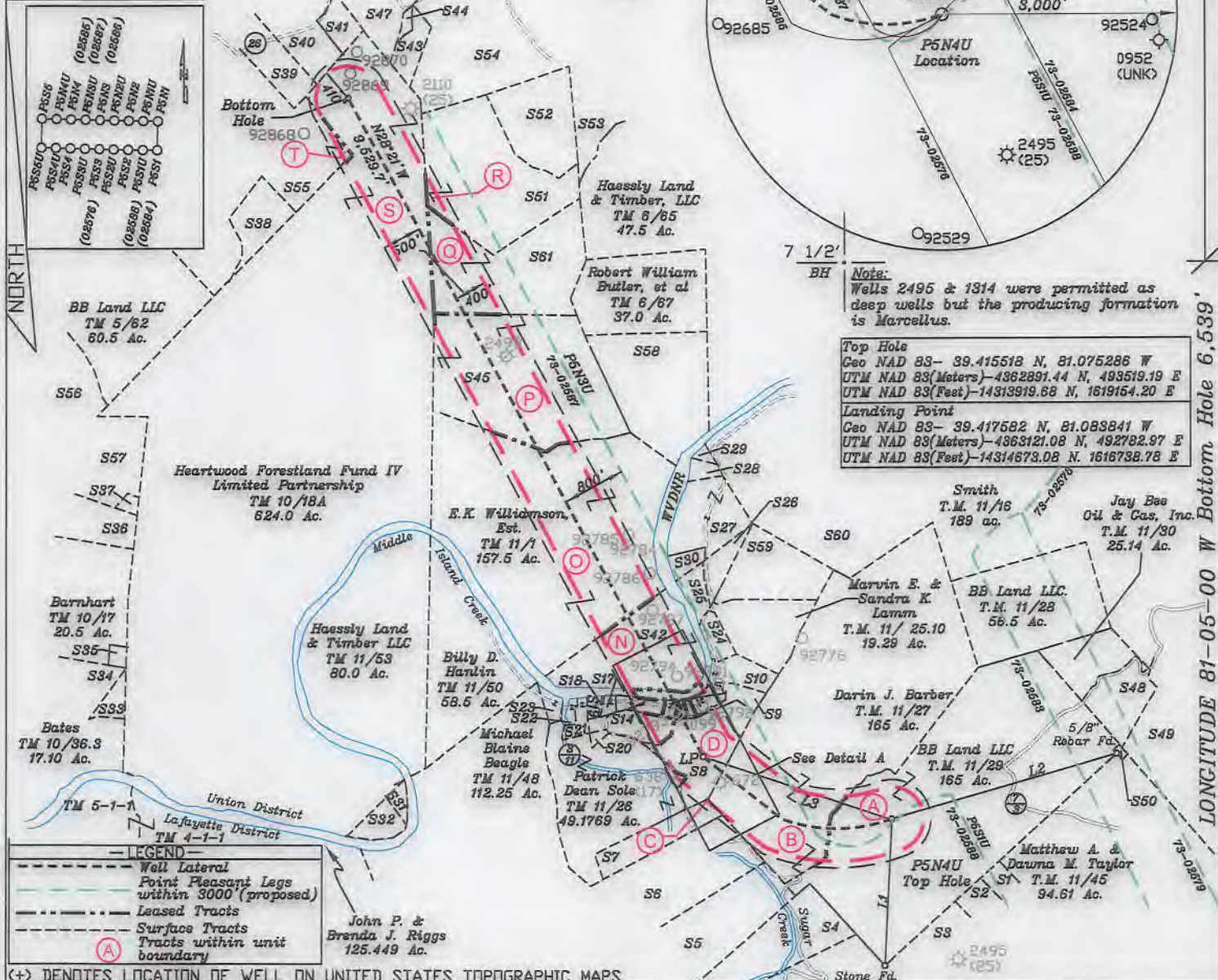
P5N4U
UNIT SIZE
236.166 ± AC.



Note:
Wells 2495 & 1314 were permitted as deep wells but the producing formation is Marcellus.

Top Hole
Geo NAD 83— 39.415518 N, 81.075286 W
UTM NAD 83(Meters)—4362891.44 N, 493519.19 E
UTM NAD 83(Feet)—14313919.68 N, 1619154.20 E

Landing Point
Geo NAD 83— 39.417582 N, 81.089841 W
UTM NAD 83(Meters)—4363121.08 N, 492782.97 E
UTM NAD 83(Feet)—14314673.08 N, 1616738.78 E



— LEGEND —
Well Lateral
Point Pleasant Legs within 3000' (proposed)
Leased Tracts
Surface Tracts
Tracts within unit boundary

(+) 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 March 21, 2019
OPERATOR'S WELL NO. P5N4U
API WELL NO. _____

WELL TYPE: OIL X GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS") PRODUCTION X STORAGE _____ DEEP X SHALLOW _____

LOCATION: ELEVATION 868.1' WATER SHED Sugar Creek of Outlet Middle Island Creek (HUC-10)
DISTRICT Union COUNTY Pleasants
QUADRANGLE Bens Run 7 1/2'

SURFACE OWNER BB Land LLC ACREAGE 165.0 Ac.
OIL & GAS ROYALTY OWNER Jay Bee Royalty LEASE ACREAGE 165.0 Ac.
LEASE NO. P7207

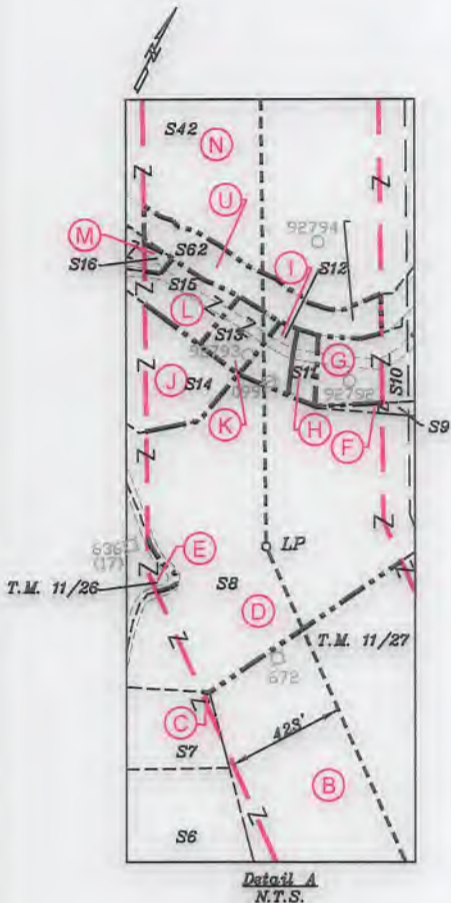
PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW
FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION Point Pleasant ESTIMATED DEPTH TVD = 10,196'; TMD = 22,757'
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

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

P5N4U
UNIT SIZE
236.166 ± AC.

TRACT	SURFACE OWNER	TM PARCEL	
		Union	Dist. ACRES
S1	MATTHEW A. & DAWNA M. TAYLOR	11 / 43	18.6
S2	MATTHEW A. & DAWNA M. TAYLOR	11 / 44	25.8
S3	MELANIE JO MANUSE REVOCABLE TRUST	11 / 41	123.27
S4	GOLDEN EAGLES RESOURCES LLC & HUMMER PROPERTIES LLC	11 / 40	62.063
S5	MAX E. & LINDA L. HALL & CLINTON HALL JR. ESTATE	11 / 34	38.33
S6	GOLDEN EAGLE RESOURCES LLC	11 / 35	30.893
S7	C EDWARD W. JEFFREY L. WILLIAMSON	11 / 33	14.25
S8	D KENNETH G. & DORIS A. HOLMES	11 / 25.12	21.267
S9	F JOSHUA S. & ABIGAIL K. HOLMES	11 / 25.14	2.268
S10	G RONALD S. & VICKIE L. HOLMES	11 / 25.11	0.75
S11	H MATTHEW S. & STEFANIE A. HOLMES	11 / 25.6	0.581
S12	I JON. R. & SHARON Y. BAILEY	11 / 25.13	0.624
S13	K DEANE SCHULTHEIS	11 / 25.5	0.75
S14	J KENNETH G. & DORIS A. HOLMES	11 / 25.3	5.621
S15	L BENNY D. & C. DARLENE WHARTON	11 / 25.4	2.25
		11 / 25.8	TOTAL
S16	M THETA D. & NEAL RODNEY MYERS	11 / 24	0.21
S17	JAMES KEVIN STOUT, ET AL	11 / 23.1	0.524
S18	JAMES KEVIN STOUT, ET AL	11 / 23.2	0.084
S19	STEPHEN A. & LINDA K. POYNTER	11 / 23	0.93
S20	SUGAR VALLEY SCHOOL	11 / 25.1	0.57
S21	GRANT HOSKINSON	11 / 22	3.63
S22	DEPARTMENT OF NATURAL RESOURCES	11 / 22.1	1.37
S23	MICHAEL BLANIE BEACLE	11 / 21	1.0
S24	EMMA JULIA FELL MIXER	11 / 25	5.033
S25	GARY BURIAN	11 / 2	6.1
S26	EMMA JULIA FELL MIXER	11 / 25.2	4.687
S27	KENNETH G. HOLMES, ET AL	11 / 3	18.45
S28	ROGER Q. & KIMBERLY A. HOLMES, ET AL	11 / 3.1	1.75
S29	ROGER Q. & KIMBERLY A. HOLMES, ET AL	11 / 4	1.0
S30	EDWARD B. & MELISSA K. HOLMES	11 / 3.2	3.447
S31	JOHN TICE	11 / 51.1	1.0
S32	JIMMY M. THAXTON II	11 / 51	5.564
S33	JOHN P. & BRENDA J. RIGGS	10 / 49	4.0
S34	JESSE M. & JUDITH K. BARNHART	10 / 24	25
S35	JESSE M. & JUDITH K. BARNHART	10 / 26	1.0
S36	LARRY O. & BRENDA L. BARNHART	10 / 25	10.0
S37	LARRY O. & BRENDA L. BARNHART, ET AL	5 / 7.1	1.0
S38	HEARTWOOD FORESTLAND FUND IV LIMITED PARTNERSHIP	5 / 56.1	12.5
S39	CARROLL L. ASH	5 / 36	15.0
S40	MICHEAL W. METZ	5 / 37	20.0
S41	NATHAN WADE BENNETT	6 / 109	5.011
S42	N KENNETH HOLMES ET AL	11 / 25.7	40.88
S43	DAVID ROGER & PATTY SUE MCCARTNEY	6 / 30.1	6.0
S44	DAVID ROGER & PATTY SUE MCCARTNEY	6 / 31	0.75
S45	P BB LAND, LLC	6 / 66	85.0
S47	HEARTLAND FORESTLAND FUND IV LIMITED PARTNERSHIP	6 / 100	84
S48	JAY BEE OIL & GAS, INC.	11 / 31	13.11
S49	LARRY WILLIAM HORNER, ET AL	11 / 32	231.82
S50	GARDNER CEMETERY	11 / 45.1	0.39
S51	R LOUIE A. STANLEY	6 / 37	60.0
S52	CHARLES R. & BETH ANN MANKINS	6 / 38	23.5
S53	CHARLES R. & BETH ANN MANKINS	6 / 39	25.5
S54	CHARLES R. & BETH ANN MANKINS	6 / 30	45.0
S55	T MARK J. & MICHELLE LYNN WEAVER	5 / 56	117.412
S56	JOSEPH & CYNTHIA AYERS	5 / 61	35.981
S57	RICHARD C. & DIANE BEANE	10 / 7	20.0
S58	ROBERT WILLIAM BUTLER, ET AL	6 / 103	38.93
S59	ROGER Q. & KIMBERLY A. HOLMES	11 / 25.9	20.53
S60	ROGER Q. & KIMBERLY A. HOLMES	11 / 5	111.0
S61	Q HEARTLAND FORESTLAND FUND IV LIMITED PARTNERSHIP	6 / 64	45.75
S62	U WEST VIRGINIA DIVISION OF NATURAL RESOURCES	MIDDLE ISLAND CREEK	2.33 calc.



P.S. 708
David L Jackson

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.
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.
4. All deep wells within 3000' of well bore path are shown on this plat.

47-073-02593 M6A



Jay Bee
Oil & Gas
DRILLING
into the future

OPERATOR'S WELL #:	P5N4U	P5N4U Well Plat PAGE 2 OF 3 DATE: 03/15/2019
DISTRICT:	UNION	
COUNTY:	PLEASANTS	
STATE:	WV	

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

P5N4U
UNIT SIZE
236.166 ± AC.

Tracts	Tax Map/Parcel Union District	Lease #	Lessor, Grantor, etc
A	11/29	P7207	Jay Bee Royalty
B	11/27	P7206	Hazel Bunner
B	11/27	P7206	Antero Resources Corp
B	11/27	P7206	Jay Bee Royalty
C	11/33	P7266	Edward Williamson
C	11/33	P7266	Jeffery Williamson
D	11/25.12	P7267L	Virginia Ruth Fell Sole
D	11/25.12	P7267L	Emma Julia Fell Mixer
D	11/25.12	P7267L	Kenneth G. & Doris A. Holmes
E	11/26	P7267N	Virginia Ruth Fell Sole
E	11/26	P7267N	Emma Julia Fell Mixer
E	11/26	P7267N	Ronald and Vickie Holmes
E	11/26	P7267N	Roger and Kimberly Holmes
E	11/26	P7267N	Marvin and Sandra K. Lamm
E	11/26	P7267N	Kenneth G. Holmes
F, G	11/25.11; 25.14	P7267K	Ronald and Vickie Holmes
F, G	11/25.11; 25.14	P7267K	Virginia Ruth Fell Sole
F, G	11/25.11; 25.14	P7267K	Emma Julia Fell Mixer
H	11/25.6	P7267F	Virginia Ruth Fell Sole
H	11/25.6	P7267F	Kenneth G. Holmes
H	11/25.6	P7267F	Roger and Kimberly Holmes
H	11/25.6	P7267F	Ronald and Vickie Holmes
H	11/25.6	P7267F	Marvin and Sandra K. Lamm
H	11/25.6	P7267F	Emma Julia Fell Mixer
I	11/25.13	P7267M	Virginia Ruth Fell Sole
I	11/25.13	P7267M	Emma Julia Fell Mixer
J	11/25.13	P7267M	Jon R. & Sharon Y. Bailey
J	11/25.3	P7267C	Kenneth G. & Doris A. Holmes
J	11/25.3	P7267C	Virginia Ruth Fell Sole
J	11/25.3	P7267C	Emma Julia Fell Mixer
K	11/25.5	P7267E	Roger and Kimberly Holmes
K	11/25.5	P7267E	Ronald and Vickie Holmes
K	11/25.5	P7267E	Marvin and Sandra K. Lamm
K	11/25.5	P7267E	Emma Julia Fell Mixer
K	11/25.5	P7267E	Deanne Schultheis
K	11/25.5	P7267E	Marvin and Sandra K. Lamm
L	11/25.4	P7267D	Kenneth G. & Doris A. Holmes
L	11/25.4	P7267D	Roger and Kimberly Holmes
L	11/25.4	P7267D	Ronald and Vickie Holmes
L	11/25.4	P7267D	Marvin and Sandra K. Lamm
L	11/25.4	P7267D	Emma Julia Fell Mixer
L	11/25.4	P7267D	Virginia Ruth Fell Sole
L	11/25.4	P7267D	Benny D. & Darlene Wharton
L	11/25.4	P7267D	Virginia Ruth Fell Sole
L	11/25.8	P7267H	Roger and Kimberly Holmes
L	11/25.8	P7267H	Ronald and Vickie Holmes
L	11/25.8	P7267H	Marvin and Sandra K. Lamm
L	11/25.8	P7267H	Emma Julia Fell Mixer
L	11/25.8	P7267H	Virginia Ruth Fell Sole
L	11/25.8	P7267H	Benny D. & Darlene Wharton
L	11/25.8	P7267H	Virginia Ruth Fell Sole
M	11/24	P7267W	Joshua Myers
M	11/24	P7267W	Luke Alan Myers
N	11/25.7	P7267G	Virginia Ruth Fell Sole
N	11/25.7	P7267G	Roger and Kimberly Holmes
N	11/25.7	P7267G	Ronald and Vickie Holmes
N	11/25.7	P7267G	Marvin and Sandra K. Lamm
N	11/25.7	P7267G	Emma Julia Fell Mixer
N	11/25.7	P7267G	Kenneth G. & Doris A. Holmes
O	11/1	P7041	Linda Shimer
O	11/1	P7041	John Grim
O	11/1	P7041	Blackrock Enterprises
P	6/66	P7039	Ridgetop Capital IV LP
P	6/66	P7039	BB Land LLC
Q	6/64	P7122	Erma K. Pethel
Q	6/64	P7122	John Grim
Q	6/64	P7122	Linda L. Shimer
Q	6/64	P7122	Blackrock Enterprises
R	6/37	P7121	Erma K. Pethel
R	6/37	P7121	John Grim
R	6/37	P7121	Linda L. Shimer
R	6/37	P7121	Blackrock Enterprises
S	10/18A	P7098	John Grim
S	10/18A	P7098	Erma Pethel
S	10/18A	P7098	Linda L. Shimer
S	10/18A	P7098	Blackrock Enterprises
T	5/56	P7123A & B	James and Lenora Renner
U	Middle Island Creek	MIC 5	West Virginia Division of Natural Resources

Notes: The information on this page was furnished by Jay Bee Oil & Gas.



P.S. 708 David L. Jackson

47-073-02593 H6A



Jay Bee
Oil & Gas

DRILLING
into the future

OPERATOR'S
WELL #: P5N4U
DISTRICT: UNION
COUNTY: PLEASANTS
STATE: WV

P5N4U Well Plat
PAGE 3 OF 3
DATE: 03/15/2019