west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street, SE Charleston, WV 25304
(304)926-0499, Ext 1656

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
dep.wv.org

June 30, 2016

Department of Environmental Protection
Office of Oil and Gas
Charleston, WV 25304

RE: Application for Deep Well Permit – API #47-095-02334

COMPANY: Jay-Bee Oil & Gas, Inc.

FARM: Larry 3U

COUNTY: Tyler DISTRICT: Ellsworth QUAD: Middlebourne/Shirley

The deep well review of the application for the above company is **APPROVED TO DRILL TO TRENTON FOR POINT PLEASANT COMPLETION. DOCKET 240-230 EXCEPTION TO SPACING REQUIREMENT**

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1. Comments to Notice of Deviation filed? none

2. Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners; yes

3. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells, well name, and the name and address of the operator; yes*

4. Provided a plat showing that the proposed location is a distance of 582 feet from the nearest lease line or unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,

Cindy Raines

Cindy Raines
ERP Administrator

*47-095-02321 – operated by Jay-Bee
47-095-02273 – operated by Antero – no objection

JAY-BEE OIL & GAS, INC.

June 14, 2016

Horizontal Well Permitting Office
ATTN Laura Adkins
Office of Oil and Gas
West Virginia Dept. of Environmental Protection
601 57th Street SE
Charleston, WV 25304

RE: Larry 3U Updated Plat – 47-095-02334

Ms. Adkins:

OK Docket 240-230

Jay-Bee Oil & Gas, Inc. received approval to drill within 3000' of an additional deep well. This process has created an updated plat for the Larry 3U (API 47-095-02334). The coordinates did not change, but the following changes were made to the original plat:

- Rymer 4HD 47-095-02273 was added to the plat, with distances.
- Moe 3U 47-095-02321 was added to the plat, with distances.
- The distance between the Larry 3U bottom hole and the boundary was updated, a recognized drafting error.
- Various notes regarding the deep well distances were added to the plat.

We will be spudding this well within the next 7-10 days, and would like the new plat approved prior to, for our files. Any way that the approval can be expedited would be appreciated.

If you would have any questions concerning this matter, please feel free to contact our office at the numbers listed below.

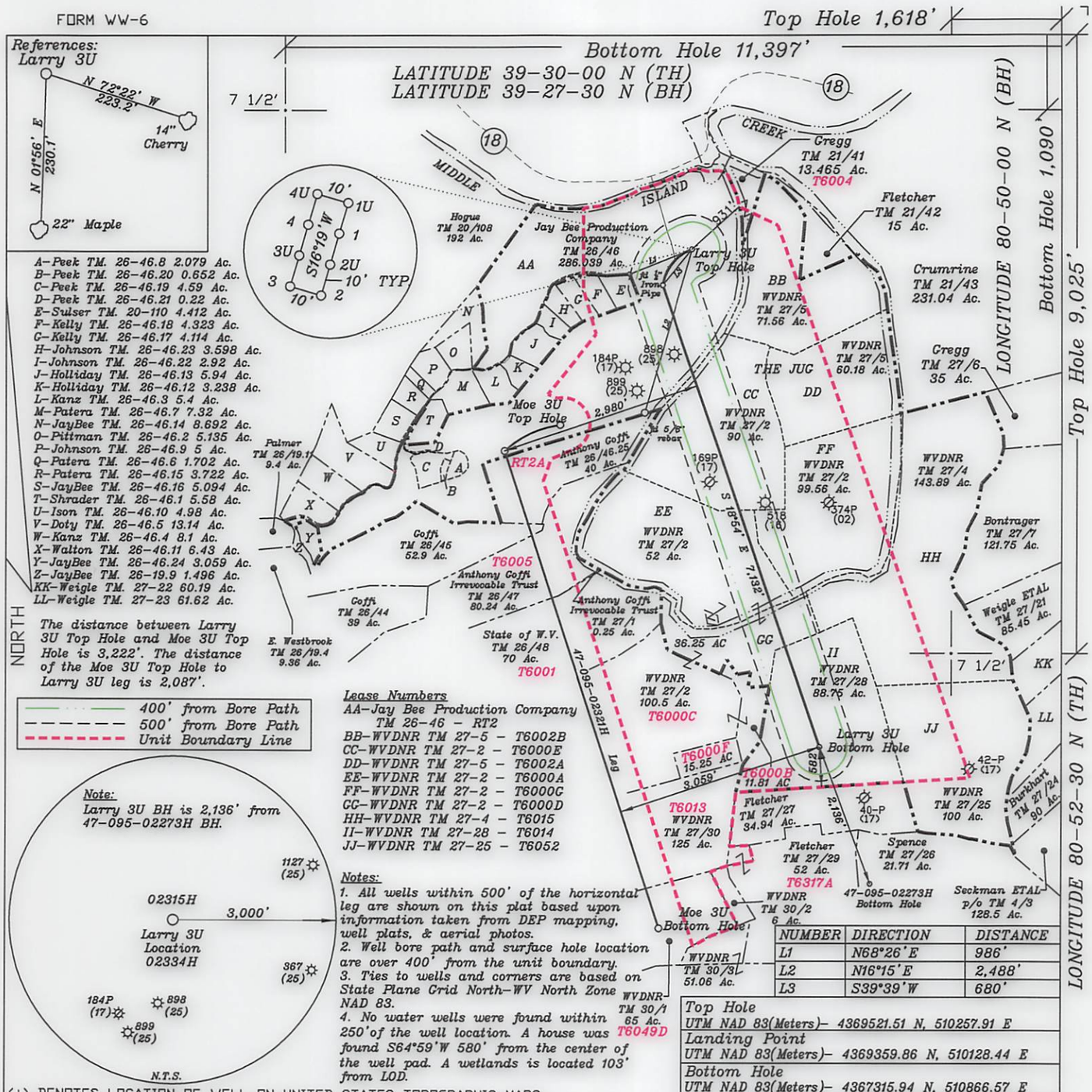
Sincerely,

Received
Office of Oil & Gas
JUN 16 2016

Shane Dowell
Office Manager

3570 Shields Hill Rd, Cairo, WV 26337 ▪ Phone 304-628-3111 ▪ Fax 304-628-3119

FORM WW-6



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. _____ L.L.S. 708

DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

DATE June 10, 2016
OPERATOR'S WELL NO. Larry 3U
API WELL NO.
47 — 095 — 02334H
STATE COUNTY PERMIT

WELL TYPE: OIL__ GAS X LIQUID INJECTION__ WASTE DISPOSAL__
(IF "GAS") PRODUCTION X STORAGE__ DEEP X SHALLOW__
LOCATION: ELEVATION 739.4' WATER SHED Middle Island Creek
DISTRICT Ellsworth COUNTY Tyler
QUADRANGLE Middlebourne 7 1/2' (TH), Shirley 7 1/2' (BH)
SURFACE OWNER Jay Bee Production Company ACREAGE 286.03 ac.
OIL & GAS ROYALTY OWNER Ridgetop Capital LP, and Ridgetop Capital II, LP LEASE ACREAGE 286.03 ac.
LEASE NO. RT2
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 Utica ESTIMATED DEPTH TVD = 10,615'; TMD = 18,247'
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

FORM WW-6

Top Hole 1,618'
Bottom Hole 11,397'
LATITUDE 39-30-00 N (TH)
LATITUDE 39-27-30 N (BH)
TONCLINDE 80-20-00 N (BH)
TONCLINDE 80-25-30 N (BH)
Top Hole 1,060'
Bottom Hole 9,550'
NORTH
References:
Larry 3U
22" Maple
Cherry
14"
N 72°22' W
223.2'
E
1,062'
N 39°10'
A-Peck TM 26-46.8 2.079 Ac.
B-Peck TM 26-46.20 0.652 Ac.
C-Peck TM 26-46.19 4.59 Ac.
D-Peck TM 26-46.21 0.22 Ac.
E-Sulser TM 20-110 4.412 Ac.
F-Kelly TM 26-46.18 4.323 Ac.
G-Kelly TM 26-46.17 4.114 Ac.
H-Johnson TM 26-46.23 3.598 Ac.
I-Johnson TM 26-46.22 2.92 Ac.
J-Holliday TM 26-46.13 5.94 Ac.
K-Holliday TM 26-46.12 3.298 Ac.
L-Kuns TM 26-46.3 5.4 Ac.
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N-Lugbee TM 26-46.14 8.692 Ac.
O-Pittman TM 26-46.2 5.195 Ac.
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V-Doty TM 26-46.5 13.14 Ac.
W-Kuns TM 26-46.4 8.1 Ac.
X-Walton TM 26-46.11 6.43 Ac.
Y-Lugbee TM 26-46.24 3.059 Ac.
Z-Lugbee TM 26-19.9 1.498 Ac.
XX-Weigle TM 27-22 60.19 Ac.
LL-Weigle TM 27-23 61.62 Ac.
The distance between Larry 3U Top Hole and Moe 3U Top Hole is 3,222'. The distance of the Moe 3U Top Hole to Larry 3U leg is 2,087'.
400' from Bore Path
500' from Bore Path
Unit Boundary Line
Note:
Larry 3U BH is 2,136' from 47-095-02373H BH.
Larry 3U Location 02334H
3,000'
02373H
N.T.S.
Leases Numbers
AA-Joy Bee Production Company TM 26-46 - RT2
BB-WVDNR TM 27-5 - T6003B
CC-WVDNR TM 27-2 - T6000E
DD-WVDNR TM 27-5 - T6003A
EE-WVDNR TM 27-2 - T6000A
FF-WVDNR TM 27-2 - T6000C
GG-WVDNR TM 27-2 - T6000D
HH-WVDNR TM 27-4 - T6015
II-WVDNR TM 27-28 - T6014
JJ-WVDNR TM 27-25 - T6052
Notes:
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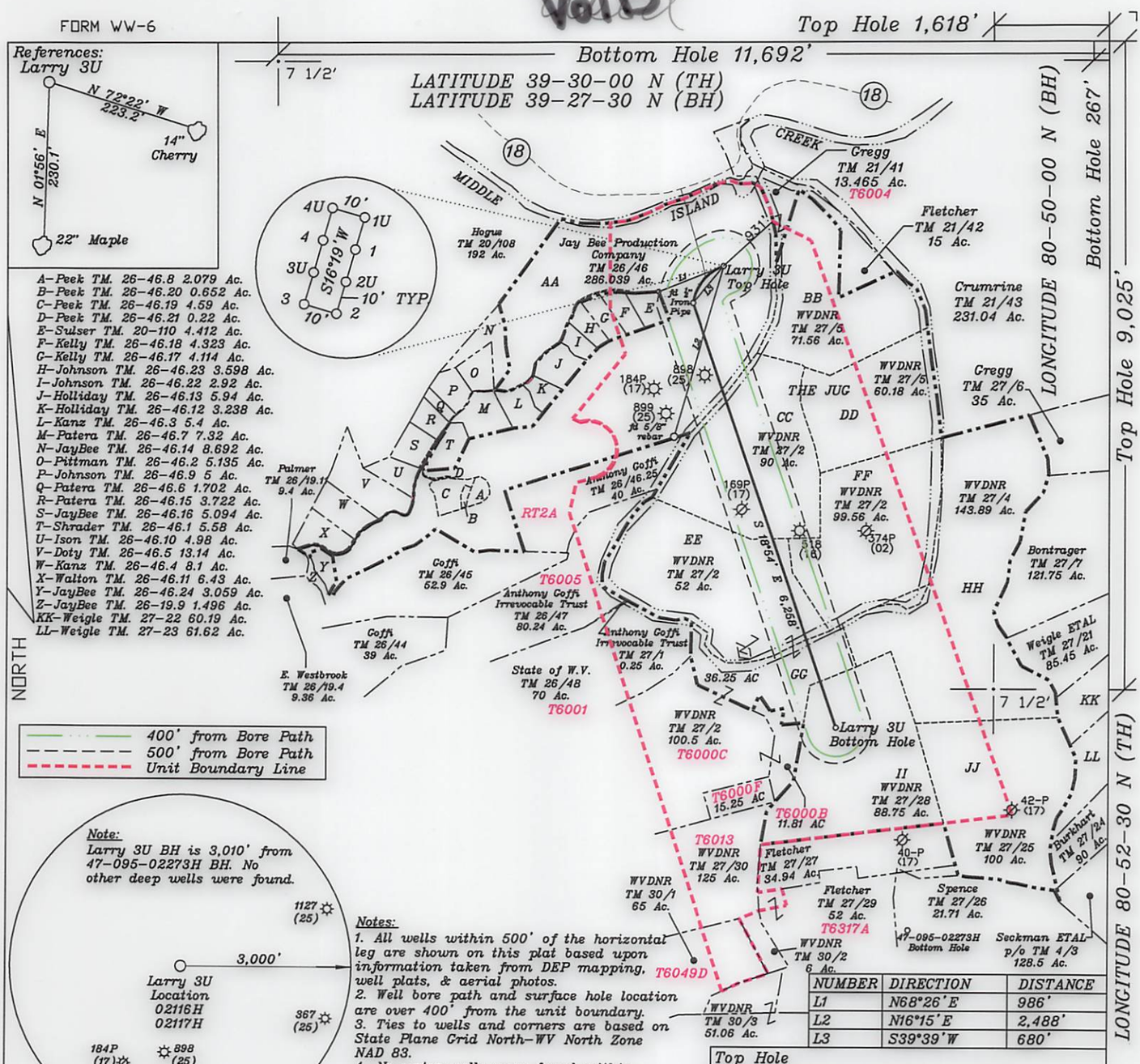
2. Well bore path and surface hole location are over 400' from the unit boundary.
3. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.
4. No water wells were found within 250' of the well location. A house was found S64°59'W 580' from the center of the well pad. A wetlands is located 103' from LOD.
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
Top Hole
UTM NAD 83(Meters)- 4396521.51 N, 510257.91 E
Landing Point
UTM NAD 83(Meters)- 4396959.86 N, 510128.44 E
Bottom Hole
UTM NAD 83(Meters)- 4397315.94 N, 510866.57 E
NUMBER | DIRECTION | DISTANCE
L1 | N68°26'E | 388'
L2 | N16°15'E | 2,488'
L3 | S39°33'W | 680'
Moe 3U Top Hole
Larry 3U Top Hole
Moe 3U Bottom Hole
Larry 3U Bottom Hole
Larry 3U Location 02334H
Middle Island Creek
Middle Island Creek
Joy Bee Production Company TM 26/46 286.03 Ac.
Anthony Coth Irrevocable Trust TM 26/47 80.24 Ac.
State of W.V. TM 26/48 70 Ac.
Coth TM 26/46 82.9 Ac.
Coth TM 26/44 39 Ac.
E. Westbrook TM 26/19.4 9.38 Ac.
Palmer TM 26/19.1 9.4 Ac.
Hogue TM 20/108 192 Ac.
Fletcher TM 21/42 15 Ac.
Creed TM 21/41 13.465 Ac.
Creed TM 27/6 35 Ac.
Christine TM 21/43 231.04 Ac.
Bortrager TM 27/7 121.75 Ac.
Weigle ETAL TM 27/21 85.45 Ac.
Bortrager TM 27/1 90 Ac.
Secksmart ETAL P/O TM 4/3 172.5 Ac.
Spence TM 27/26 21.77 Ac.
Fletcher TM 27/29 52 Ac.
Fletcher TM 27/27 34.94 Ac.
Fletcher TM 27/28 6 Ac.
Moe 3U Top Hole
Moe 3U Bottom Hole
Bottom Hole 1,618'
Top Hole 11,397'
Bottom Hole 9,550'
Top Hole 1,060'
47-095-02373H Bottom Hole
47-095-02373H Bottom Hole
TONCLINDE 80-25-30 N (BH)
TONCLINDE 80-20-00 N (BH)
7 1/2'
18
18
CREEK
MIDDLE
ISLAND
WVDNR TM 27/2 52 Ac.
WVDNR TM 27/2 100.5 Ac.
WVDNR TM 27/2 88.75 Ac.
WVDNR TM 27/25 100 Ac.
WVDNR TM 27/30 125 Ac.
WVDNR TM 30/3 51.06 Ac.
WVDNR TM 30/4 65 Ac.
WVDNR TM 27/4 143.89 Ac.
WVDNR TM 27/2 99.56 Ac.
WVDNR TM 27/2 90 Ac.
WVDNR TM 27/6 71.66 Ac.
WVDNR TM 27/6 60.18 Ac.
THE JUC
T6005
T6000C
T6000F
T6000B
T6013
T6017A
T6004
T6001
RT2A
AA
BB
CC
DD
EE
FF
GG
HH
II
JJ
KK
LL
1848 (17)
899 (25)
898 (25)
2,980
1,890'
2,136'
2,087'
3,000'
2,025'
2,025'
1,192'
S 18°41' E
47-095-02373H
Leg
Leg
Leg

VOID

FORM WW-6



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NUMBER	DIRECTION	DISTANCE
L1	N68°26'E	986'
L2	N16°15'E	2,488'
L3	S39°39'W	680'

Top Hole
UTM NAD 83(Meters)- 4369521.51 N, 510257.91 E
Landing Point
UTM NAD 83(Meters)- 4369359.86 N, 510128.44 E
Bottom Hole
UTM NAD 83(Meters)- 4367566.55 N, 510776.07 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. L.L.S. 708

DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

DATE April 28, 2016
OPERATOR'S WELL NO. Larry 3U
API WELL NO.
47 — 095 — 02334
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF 'GAS') PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
VOID
LOCATION: ELEVATION 739.4' WATER SHED Middle Island Creek
DISTRICT Ellsworth COUNTY Tyler
QUADRANGLE Middlebourne 7 1/2' (TH), Shirley 7 1/2' (BH)
SURFACE OWNER Jay Bee Production Company ACREAGE 286.03 ac.
OIL & GAS ROYALTY OWNER Ridgetop Capital LP, and Ridgetop Capital II, LP LEASE ACREAGE 286.03 ac.
LEASE NO. RT2
void
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 Utica ESTIMATED DEPTH TVD = 10,615'; TMD = 17,373'
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

VOID

FORM WW-6

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R.P.E. _____ L.L.S. 708

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

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47 — 095 — 02334
STATE COUNTY PERMIT

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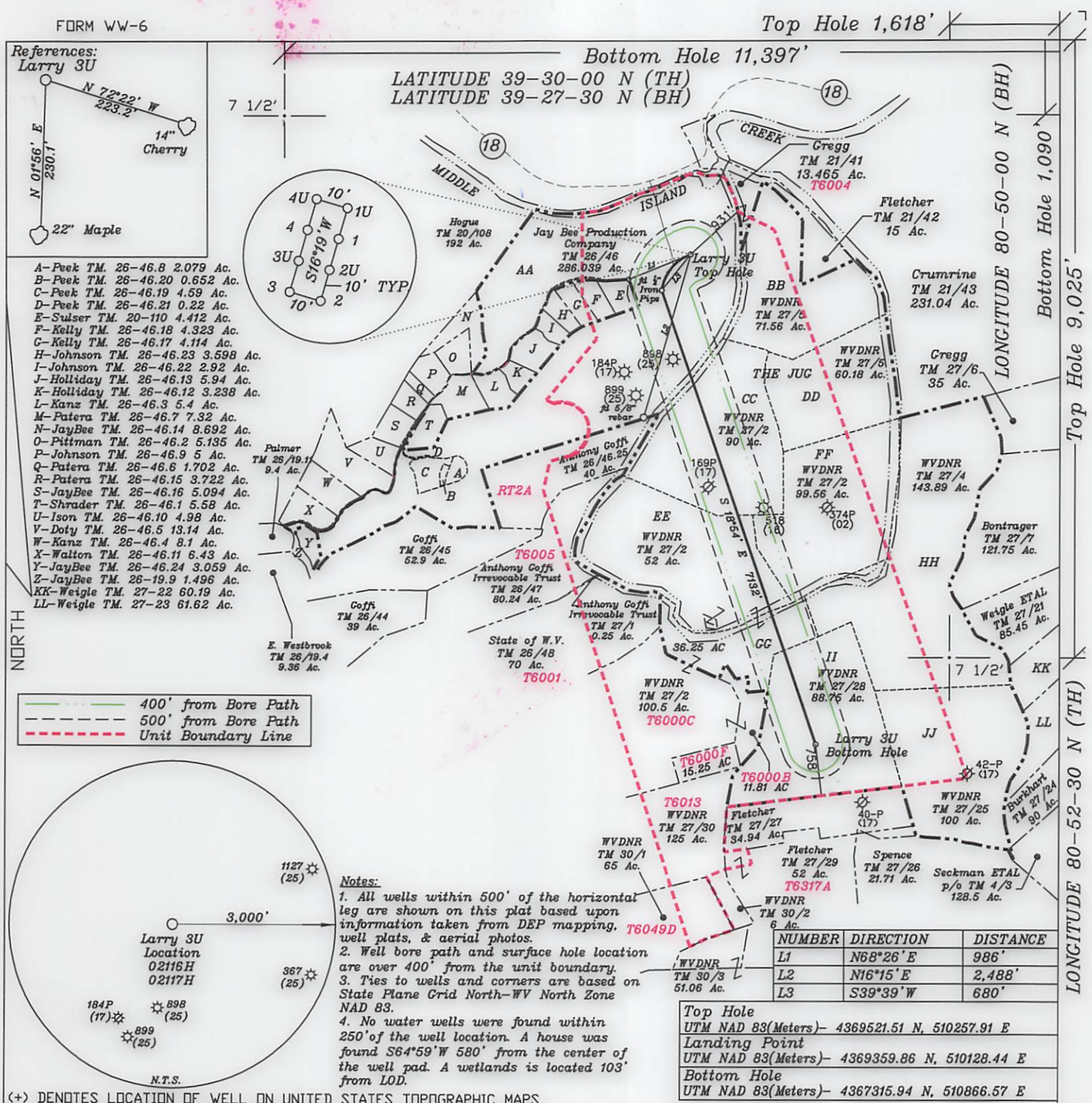
WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Brooks
ADDRESS 1720 Route 22 E, Union, NJ 07083 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

FORM WW-6



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

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SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION GPS submeter unit

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

DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

DATE December 8, 2015
OPERATOR'S WELL NO. Larry 3U
API WELL NO. H6A
47 — 095 — 02334
STATE COUNTY PERMIT

WELL TYPE: OIL__ GAS X LIQUID INJECTION__ WASTE DISPOSAL__
(IF "GAS") PRODUCTION X STORAGE__ DEEP__ X SHALLOW__
LOCATION: ELEVATION 739.4' WATER SHED Middle Island Creek
DISTRICT Ellsworth COUNTY Tyler
QUADRANGLE Middlebourne 7 1/2' (TH), Shirley 7 1/2' (BH)
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PLUG AND ABANDON__ CLEAN OUT AND REPLUG__
TARGET FORMATION Utica ESTIMATED DEPTH TVD = ~~10,615'~~ 10,730'; TMD = 18,247'
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

FORM WW-6

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DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

DATE December 8, 2015
OPERATOR'S WELL NO. Larry 3U
API WELL NO. HLA
47 — 095 — 02337
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
LOCATION: ELEVATION 739.4' WATER SHED Middle Island Creek
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LEASE NO. RTZ
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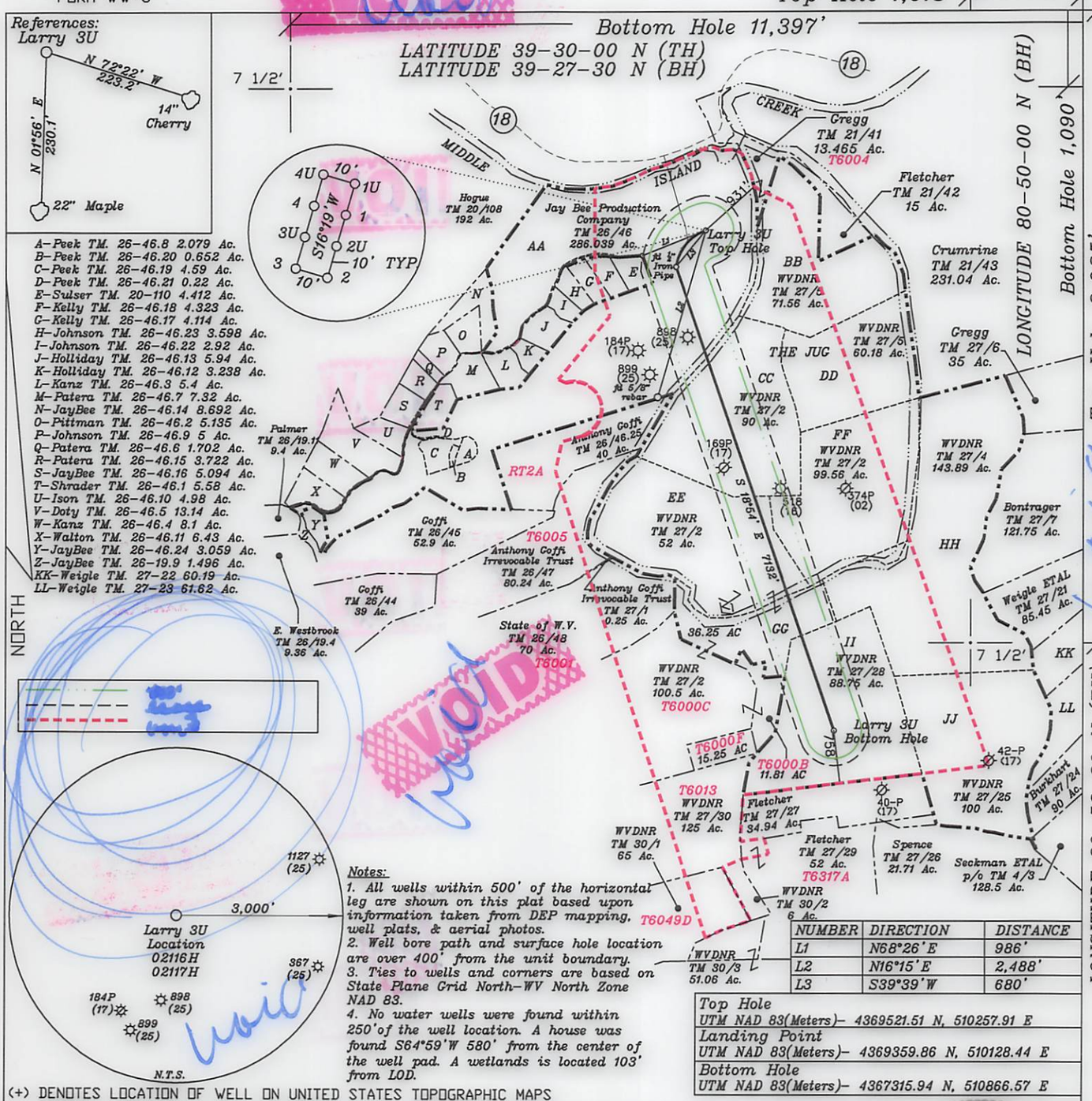
FORM WW-6



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OFFICE OF OIL AND GAS

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47 — 095 —
STATE COUNTY PERMIT

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DISTRICT Ellsworth COUNTY Tyler
QUADRANGLE Middlebourne 7 1/2' (TH), Shirley 7 1/2' (BH)
SURFACE OWNER Jay Bee Production Company ACREAGE 286.03 ac.
OIL & GAS ROYALTY OWNER Ridgetop Capital LP, and Ridgetop Capital II, LP LEASE ACREAGE 286.03 ac.
LEASE NO. RT2
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 Utica ESTIMATED DEPTH TVD = 10,615'; TMD = 18,247'
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

FORM WW-6

NUMBER	DIRECTION	DISTANCE
L1	N68°26'E	986'
L2	N16°15'E	2,488'
L3	S39°39'W	680'

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) _____
R.P.E. _____ L.L.S. 708

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

DATE December 8, 2015
OPERATOR'S WELL NO. Larry 3U
API WELL NO.
47 — 095 — _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
LOCATION: ELEVATION 739.4' WATER SHED Middle Island Creek
DISTRICT Ellsworth COUNTY Tyler
QUADRANGLE Middlebourne 7 1/2' (TH), Shirley 7 1/2' (BH)
SURFACE OWNER Jay Bee Production Company ACREAGE 286.03 ac.
OIL & GAS ROYALTY OWNER Ridgetop Capital LP, and Ridgetop Capital II, LP LEASE ACREAGE 286.03 ac.
LEASE NO. RTZ
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 Utica ESTIMATED DEPTH TVD = 10,615'; TMD = 18,247'
WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Brodie
ADDRESS 1720 Route 22 E, Union, NJ 07083 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

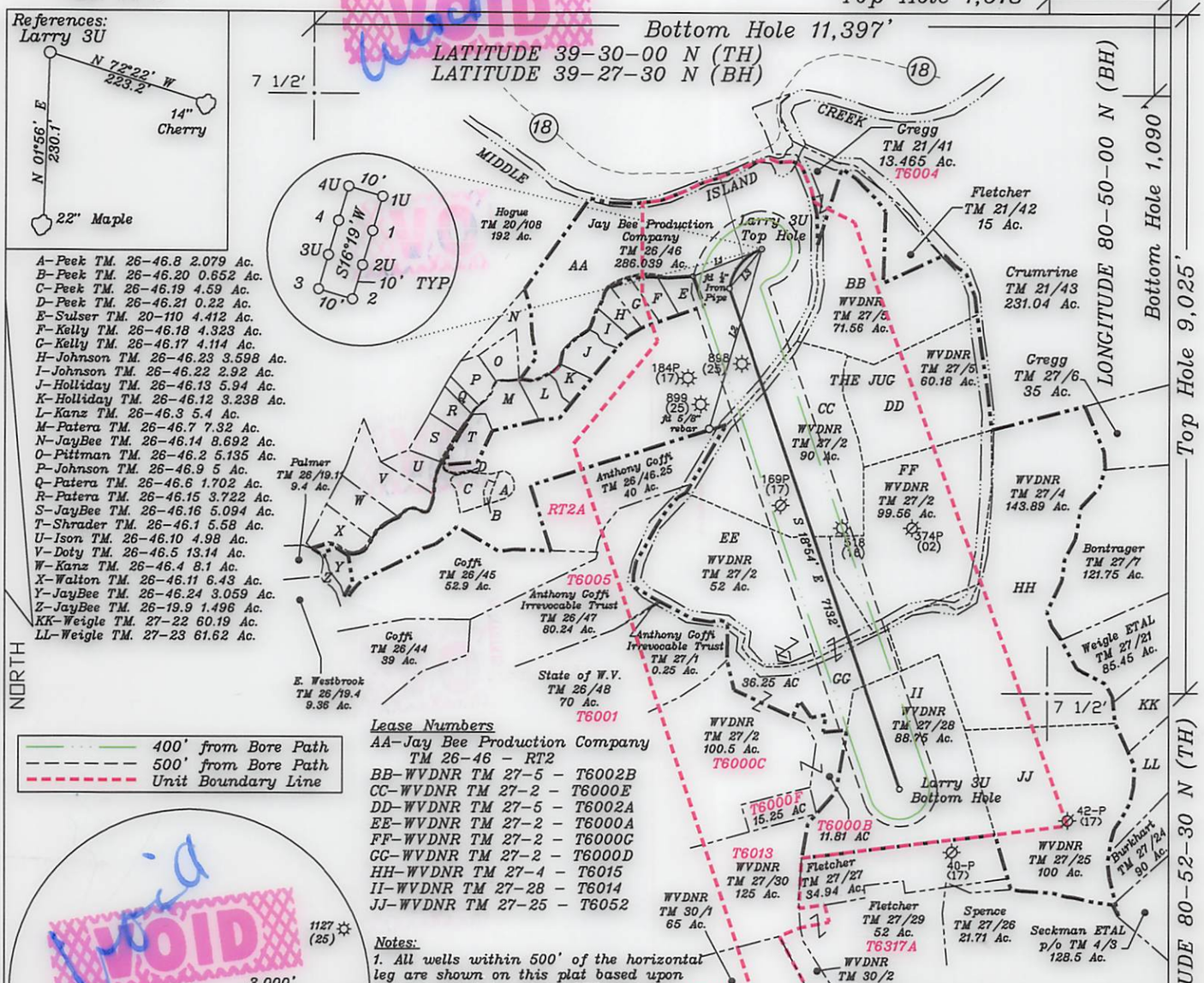
FORM WW-6

Top Hole 1,618'

Bottom Hole 11,397'

LATITUDE 39-30-00 N (TH)

LATITUDE 39-27-30 N (BH)



Lease Numbers

AA-Jay Bee Production Company TM 26-46 - RT2
BB-WVDNR TM 27-5 - T6002B
CC-WVDNR TM 27-2 - T6000E
DD-WVDNR TM 27-5 - T6002A
EE-WVDNR TM 27-2 - T6000A
FF-WVDNR TM 27-2 - T6000C
GG-WVDNR TM 27-2 - T6000D
HH-WVDNR TM 27-4 - T6015
II-WVDNR TM 27-28 - T6014
JJ-WVDNR TM 27-25 - T6052

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. Well bore path and surface hole location are over 400' from all lease lines.
3. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.
4. No water wells were found within 250' of the well location. A house was found S64°59'W 580' from the center of the well pad. A wetlands is located 103' from LOD.

NUMBER	DIRECTION	DISTANCE
L1	N68°26'E	986'
L2	N16°15'E	2,488'
L3	S39°39'W	680'

Top Hole
UTM NAD 83(Meters)- 4369521.51 N, 510257.91 E
Landing Point
UTM NAD 83(Meters)- 4369359.86 N, 510128.44 E
Bottom Hole
UTM NAD 83(Meters)- 4367315.94 N, 510866.57 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. L.L.S. 708

DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

DATE December 1, 2015
OPERATOR'S WELL NO. Larry 3U
API WELL NO.
47 — 095 — 02394
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
LOCATION: ELEVATION 739.4' WATER SHED Middle Island Creek
DISTRICT Ellsworth COUNTY Tyler
QUADRANGLE Middlebourne 7 1/2' (TH), Shirley 7 1/2' (BH)
SURFACE OWNER Jay Bee Production Company ACREAGE 286.03 ac.
OIL & GAS ROYALTY OWNER Ridgetop Capital LP, and Ridgetop Capital II, LP LEASE ACREAGE 286.03 ac.
LEASE NO. RT2
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 Utica ESTIMATED DEPTH TVD = 10,615'; TMD = 18,247'
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

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FORM WW-6

Top Hole 1,618'
Bottom Hole 11,397'
LATITUDE 39-30-00 N (TH)
LATITUDE 39-27-30 N (BH)
Top Hole 9,550' N (HT)
Bottom Hole 1,080' N (BH)
LONGITUDE 80-25-30 W (HT)
LONGITUDE 80-20-00 W (BH)
NORTH
Reference: Larry 3U
22" Maple
Cherry 14"
N 72°22' W 223.2'
S 10°10' E 1,102'
Larry 3U Top Hole
Larry 3U Bottom Hole
Larry 3U Location 02116H 02117H
3,000'
N.T.S.
A-Peck TM 26-46.8 2.079 ac.
B-Peck TM 26-46.20 0.652 ac.
C-Peck TM 26-46.19 4.59 ac.
D-Peck TM 26-46.21 0.22 ac.
E-Sulzer TM 20-110 4.412 ac.
F-Kelly TM 26-46.18 4.323 ac.
G-Kelly TM 26-46.17 4.114 ac.
H-Johnson TM 26-46.23 3.598 ac.
I-Johnson TM 26-46.22 2.92 ac.
J-Holliday TM 26-46.13 5.94 ac.
K-Holliday TM 26-46.12 3.238 ac.
L-Kurs TM 26-46.3 5.4 ac.
M-Peters TM 26-46.7 7.32 ac.
N-Jogiee TM 26-46.14 8.692 ac.
O-Pittman TM 26-46.2 5.195 ac.
P-Johnson TM 26-46.9 6 ac.
Q-Peters TM 26-46.8 1.702 ac.
R-Peters TM 26-46.15 3.722 ac.
S-Jogiee TM 26-46.16 5.094 ac.
T-Strader TM 26-46.1 5.58 ac.
U-Isom TM 26-46.10 4.98 ac.
V-Doty TM 26-46.5 13.14 ac.
W-Kurs TM 26-46.4 8.1 ac.
X-Walton TM 26-46.11 8.43 ac.
Y-Jogiee TM 26-46.24 3.059 ac.
Z-Jogiee TM 26-19.9 1.498 ac.
AA-Weigle TM 27-22 60.19 ac.
BB-Weigle TM 27-23 61.62 ac.
Lease Numbers
AA-Jay Bee Production Corporaty TM 26-46 - RT2
BB-WVDNR TM 27-5 - T6002B
CC-WVDNR TM 27-2 - T6000E
DD-WVDNR TM 27-5 - T6002A
EE-WVDNR TM 27-2 - T6000A
FF-WVDNR TM 27-2 - T6000C
GG-WVDNR TM 27-2 - T6000D
HH-WVDNR TM 27-4 - T6015
II-WVDNR TM 27-28 - T6014
JJ-WVDNR TM 27-25 - T6052
400' from Bore Path
500' from Bore Path
Unit Boundary Line
Notes:
1. All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats, & vertical photos.
2. Well bore path and surface hole locations are over 400' from oil lease lines.
3. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.
4. No water wells were found within 250'of the well location. A house was found S64°53'W 580' from the center of the well pad. A wetlands is located 103' from LOD.
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
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