

BOTTOM HOLE ← 9272' TOP HOLE | 5966'

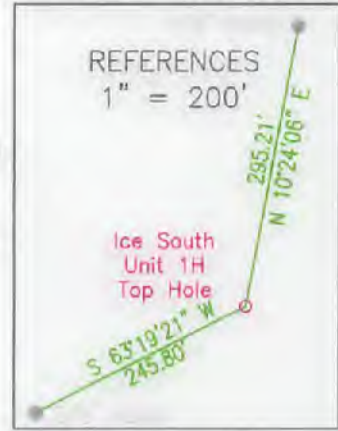
SCALE: 1" = 2400' ICE SOUTH UNIT 1H

LATITUDE: 39°27'30" SCALE: 1" = 2000' (TOP HOLE)  
 LATITUDE: 39°25'00" SCALE: 1" = 2000' (BOTTOM HOLE)

NOTES ON SURVEY

1. NO DWELLINGS WITHIN 625' WERE FOUND.
2. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
3. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD 83.
4. WELL ELEVATION ESTABLISHED BY RTK GPS NAVD 88.
5. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN MARCH 2019 AND FILES PROVIDED BY XTO ENERGY INC.
6. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP AND SURVEYED LOCATIONS OF WELLS WITHIN 500' OF WELL BORE.

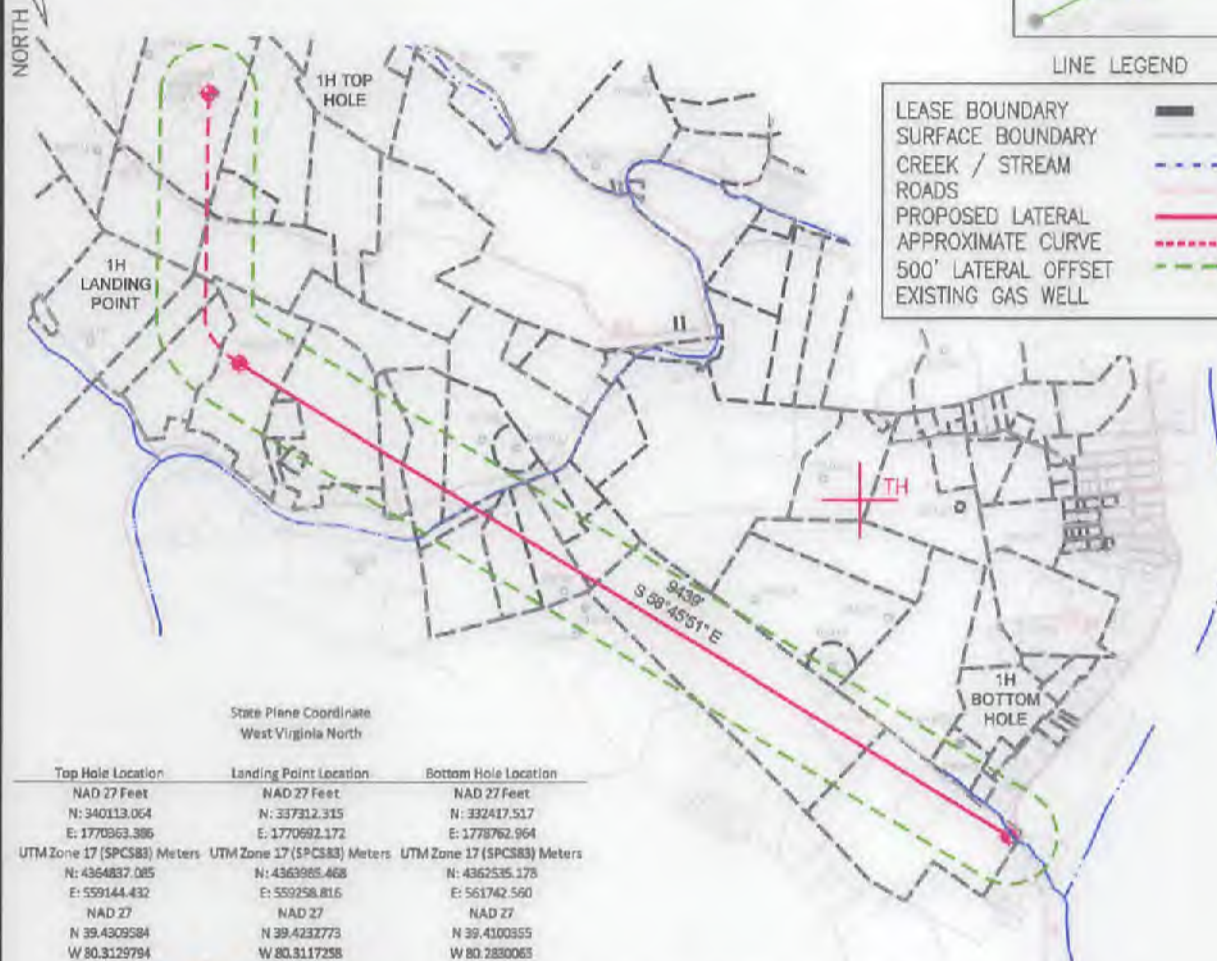
REFERENCES  
1" = 200'



LINE LEGEND

|                     |           |
|---------------------|-----------|
| LEASE BOUNDARY      | ---       |
| SURFACE BOUNDARY    | - - - -   |
| CREEK / STREAM      | ~ ~ ~ ~   |
| ROADS               | — — — —   |
| PROPOSED LATERAL    | — — — —   |
| APPROXIMATE CURVE   | - · - · - |
| 500' LATERAL OFFSET | - · - · - |
| EXISTING GAS WELL   | ○         |

2384'  
9940'  
1" = 2000' LONGITUDE: 80°17'30" (TOP HOLE)  
1" = 2000' LONGITUDE: 80°15'00" (BOTTOM HOLE)  
SCALE: 1" = 2000'



State Plane Coordinate  
West Virginia North

| Top Hole Location           | Landing Point Location      | Bottom Hole Location        |
|-----------------------------|-----------------------------|-----------------------------|
| NAD 27 Feet                 | NAD 27 Feet                 | NAD 27 Feet                 |
| N: 340113.054               | N: 337312.315               | N: 332417.517               |
| E: 1770363.386              | E: 1770592.172              | E: 1778762.964              |
| UTM Zone 17 (SPCS83) Meters | UTM Zone 17 (SPCS83) Meters | UTM Zone 17 (SPCS83) Meters |
| N: 4364837.085              | N: 4363985.468              | N: 4362535.175              |
| E: 559144.432               | E: 559258.816               | E: 561742.550               |
| NAD 27                      | NAD 27                      | NAD 27                      |
| N 39.4309584                | N 39.4232773                | N 39.4100355                |
| W 80.3129794                | W 80.3117258                | W 80.2830065                |



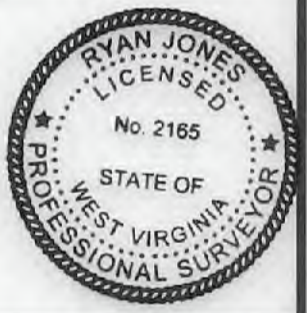
2402 PENNSYLVANIA 66 DELMONT, PA 15626  
 (724) 757 - 2417 www.jonesconsultant.com

SHEET 1 OF 2

FILE #: JC2018-85  
 DRAWING #: ICE SOUTH UNIT 1H  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1:2500  
 PROVEN SOURCE OF ELEVATION: RTK GPS

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.: \_\_\_\_\_ P.S.: 2165



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
**WVDEP**  
**OFFICE OF OIL & GAS**  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: 7/2/2019  
 OPERATOR'S WELL #: ICE SOUTH UNIT 1H  
 API WELL #: 47 033 05973 H4A  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

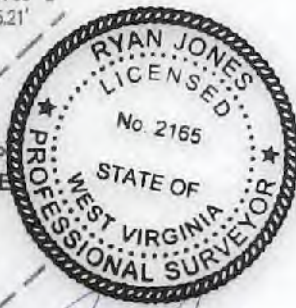
WATERSHED: LOWER WEST FORK RIVER (0502000206) ELEVATION: 1,360' (EXISTING FINISH GRADE)  
 COUNTY/DISTRICT: HARRISON / CLAY QUADRANGLE: SHINNSTON 7.5'  
 SURFACE OWNER: XTO ENERGY INC ACREAGE: 7.23±  
 OIL & GAS ROYALTY OWNER: JANICE M. BRENNAN TRUST A, ET AL ACREAGE: 414.2±

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,544' (TVD), 18,039' (TMD)

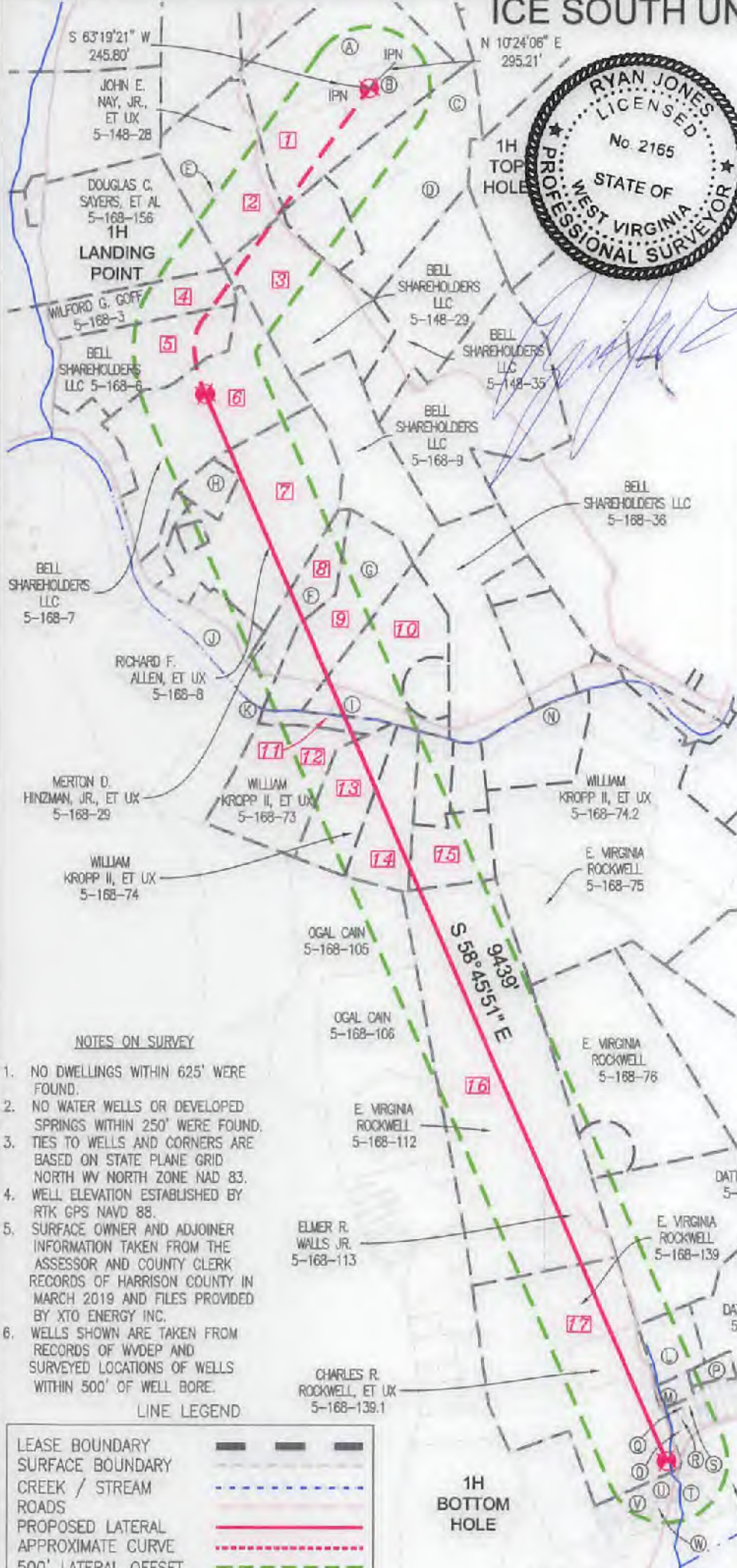
WELL OPERATOR: XTO ENERGY INC. DESIGNATED AGENT: GARY BEALL  
 Address: 190 THORN HILL ROAD Address: P.O. BOX 1008  
 City: WARRENDALE State: PA Zip Code: 15086 City: JANE LEW State: WV Zip Code: 26378

# ICE SOUTH UNIT 1H



|   | SURFACE OWNER                 | TAX PARCEL  |
|---|-------------------------------|-------------|
| A | XTO ENERGY INC                | 5-148-27    |
| B | XTO ENERGY INC                | 5-148-27.1  |
| C | BELL SHAREHOLDERS LLC         | 5-148-32    |
| D | BELL SHAREHOLDERS LLC         | 5-148-33    |
| E | EQUITABLE GAS CO              | 5-148-28.1  |
| F | MERTON D. HINZMAN, JR., ET UX | 5-168-30    |
| G | BELL SHAREHOLDERS LLC         | 5-168-31    |
| H | RONALD D. LYCANS, ET AL       | 5-168-8.3   |
| I | BRIAN T. PAYTON, ET UX        | 5-168-26.1  |
| J | ERNEST MARTIN                 | 5-168-26    |
| K | WESTERN MARYLAND RAILROAD     | 5-168-159   |
| L | E. VIRGINIA ROCKWELL          | 5-168-115   |
| M | WILLIAM S. KETTERMAN, ET UX   | 5-168-116   |
| N | ABANDONED RAILROAD            |             |
| O | WILLIAM S. KETTERMAN          | 5-908-1     |
| P | ERICA L. MANNO                | 5-168-117   |
| Q | WILLIAM S. KETTERMAN          | 5-908-3     |
| R | DONALD P. HALPENNY, II        | 5-908-2     |
| S | HAROLD S. CROWL               | 5-908-6     |
| T | SLADE W. NEER, ET UX          | 5-168-144.1 |
| U | LESLIE E. TICHENOR, ET AL     | 5-919-5     |
| V | CHARLES M. DARWAY             | 5-919-3     |
| W | JAMES K. HALPENNY, ET UX      | 5-919-21    |

| ICE SOUTH UNIT 1H |   |                 |
|-------------------|---|-----------------|
| LEASE             | LESSOR  | MINERAL ACREAGE |
| 1)                | JANICE M. BRENNAN TRUST A, ET AL  | 59.50           |
| 2)                | HOWARD FORTNEY, ET AL   | 21.00           |
| 3)                | MARGARET ANNE WICKLAND, TRUSTEE UNDER THE REVOCABLE TRUST AGREEMENT DATED AUGUST 23, 1985, AS AMENDED | 25.50           |
| 4)                | MADONNA LEE MATHENY, ET AL  | 10.00           |
| 5)                | XTO ENERGY INC., ET AL  | 18.32112948     |
| 6)                | XTO ENERGY INC.   | 35.50           |
| 7)                | RICHARD F. ALLEN, ET UX   | 40.80           |
| 8)                | JIMMY AKERS, ET AL  | 12.50           |
| 9)                | SANDRA GRIFFIN, ET AL   | 18.50           |
| 10)               | WACO OIL & GAS CO. INC.   | 21.32           |
| 11)               | MARK J. TETRICK   | 2.69            |
| 12)               | MARK J. TETRICK   | 17.03           |
| 13)               | XTO ENERGY INC.   | 10.00           |
| 14)               | XTO ENERGY INC.   | 10.00           |
| 15)               | GEORGE W. HULLDERMAN  | 9.5000          |
| 16)               | E. VIRGINIA ROCKWELL, ET AL   | 73.00           |
| 17)               | WILLIAM P. HAYNES, ET AL  | 49.07           |



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**LINE LEGEND**

|                     |           |
|---------------------|-----------|
| LEASE BOUNDARY      | ---       |
| SURFACE BOUNDARY    | ----      |
| CREEK / STREAM      | ~~~~~     |
| ROADS               | — · — · — |
| PROPOSED LATERAL    | —————     |
| APPROXIMATE CURVE   | -----     |
| 500' LATERAL OFFSET | -----     |

| State Plane Coordinates     |  |
|-----------------------------|--|
| West Virginia North         |  |
| Top Hole Location           |  |
| NAD 27 Feet                 |  |
| N: 340113.064               |  |
| E: 1770363.386              |  |
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| N: 4364837.085              |  |
| E: 559144.432               |  |
| NAD 27                      |  |
| N 39.4309584                |  |
| W 80.3129794                |  |
| Landing Point Location      |  |
| NAD 27 Feet                 |  |
| N: 337312.315               |  |
| E: 1770692.172              |  |
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| E: 559258.816               |  |
| NAD 27                      |  |
| N 39.4232773                |  |
| W 80.3117258                |  |
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| E: 1778762.964              |  |
| UTM Zone 17 (SPCS83) Meters |  |
| N: 4362535.178              |  |
| E: 561742.560               |  |
| NAD 27                      |  |
| N 39.4100355                |  |
| W 80.2830065                |  |

## JONES CONSULTANTS, LLC

SURVEYING • MAPPING • LAND • GAS WELL • PIPELINE  
 2402 PENNSYLVANIA 66 DELMONT, PA 15626  
 (724) 757 - 2417 www.jonesconsultant.com

### SUPPLEMENTAL SURFACE AND LESSOR EXHIBIT

#### ICE SOUTH UNIT 1H

|           |               |                                |           |
|-----------|---------------|--------------------------------|-----------|
| Drawn By: | Date:         | CLAY DISTRICT                  |           |
| JRV       | 7/22/19       | HARRISON COUNTY, WEST VIRGINIA |           |
| Scale:    | 1" = 1200'    | Sheet:                         | File No.: |
| APP. #    | DD.2009.03670 | SHEET 2 OF 2                   | JC2018-85 |



190 THORN HILL ROAD  
 WARRENDALE, PA 15086

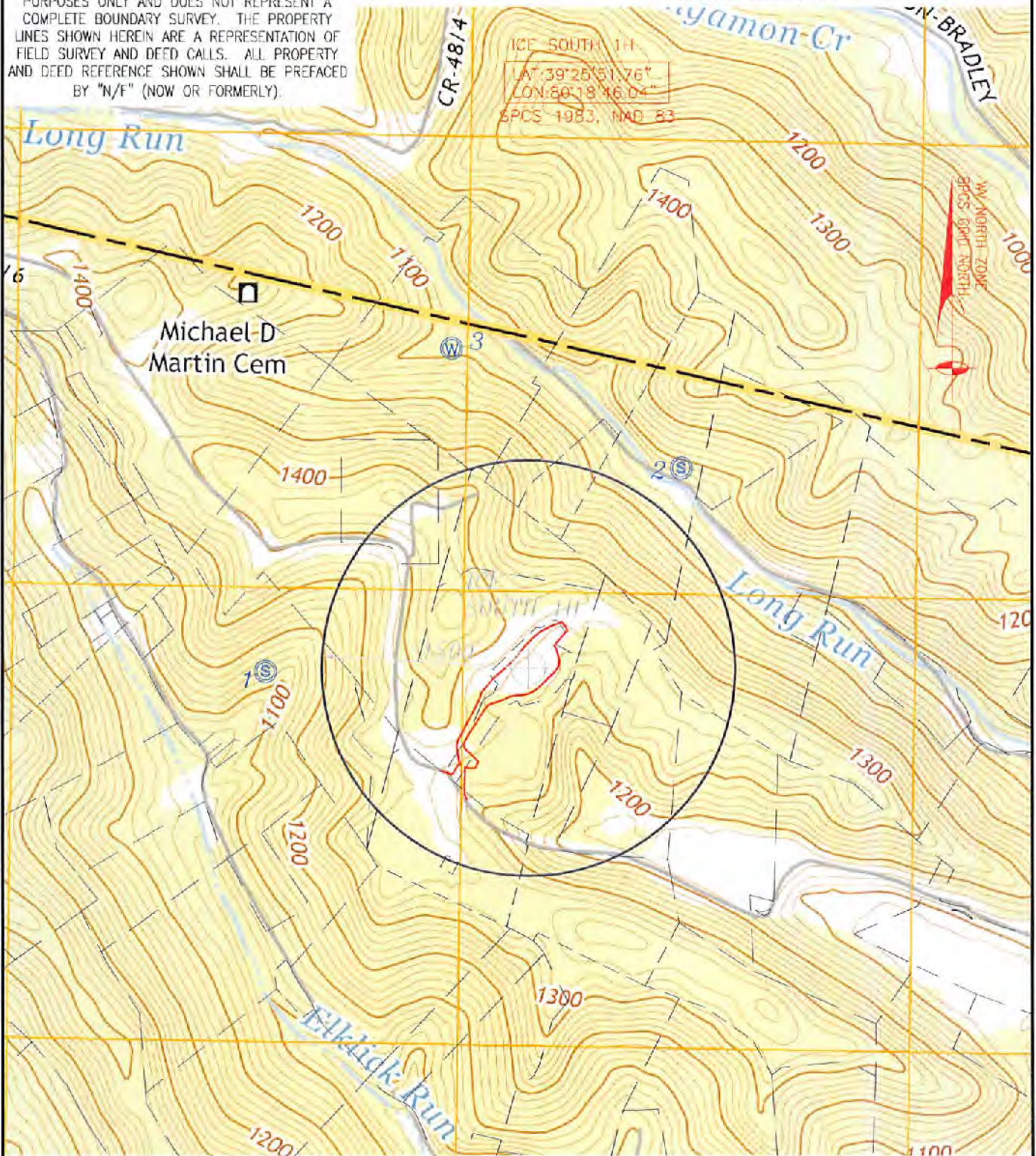


FORM W-9

NOTE: THIS PLAT IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. THE PROPERTY LINES SHOWN HEREIN ARE A REPRESENTATION OF FIELD SURVEY AND DEED CALLS. ALL PROPERTY AND DEED REFERENCE SHOWN SHALL BE PREFACED BY "N/F" (NOW OR FORMERLY).

LEGEND

- ⊕ WATER WELL
- ⊙ SPRING/POND/STREAM
- SURFACE BOUNDARY



| POINT | NAME                               | ADDRESS            | CITY       | STATE | ZIP CODE | DISTANCE | BEARING       | PARCEL I.D.              |
|-------|------------------------------------|--------------------|------------|-------|----------|----------|---------------|--------------------------|
| 1     | Michael & Cynthia Nosack           | 712 Bices Run Road | Shinnston  | WV    | 26431    | 1907'    | S 89°22'02" W | Tax Map 5-147, Parcel 87 |
| 2     | Faris W. & Margaret J. Coffindafer | 24 Glenview Drive  | Bridgeport | WV    | 26330    | 1826'    | N 37°31'20" E | Tax Map 5-148, Parcel 4  |
| 3     | Tina M. Veltri                     | 48 White Oak Drive | Bridgeport | WV    | 26330    | 2371'    | N 13°31'45" W | Tax Map 11-58, Parcel 37 |

ICE SOUTH UNIT 1H WATER OVERALL

CLAY DISTRICT, HARRISON COUNTY, WEST VIRGINIA    6/21/2019    JC2018-85    SHEET 1 OF 2



2402 PENNSYLVANIA 66  
 DELMONT, PA 15626  
 (724) 757 - 2417  
 www.jonesconsultant.com

Shinnston Quad (2014)  
 Marion County, WV  
 Scale: 1" = 1000'



190 THORN HILL ROAD  
 WARRENDALE, PA 15086