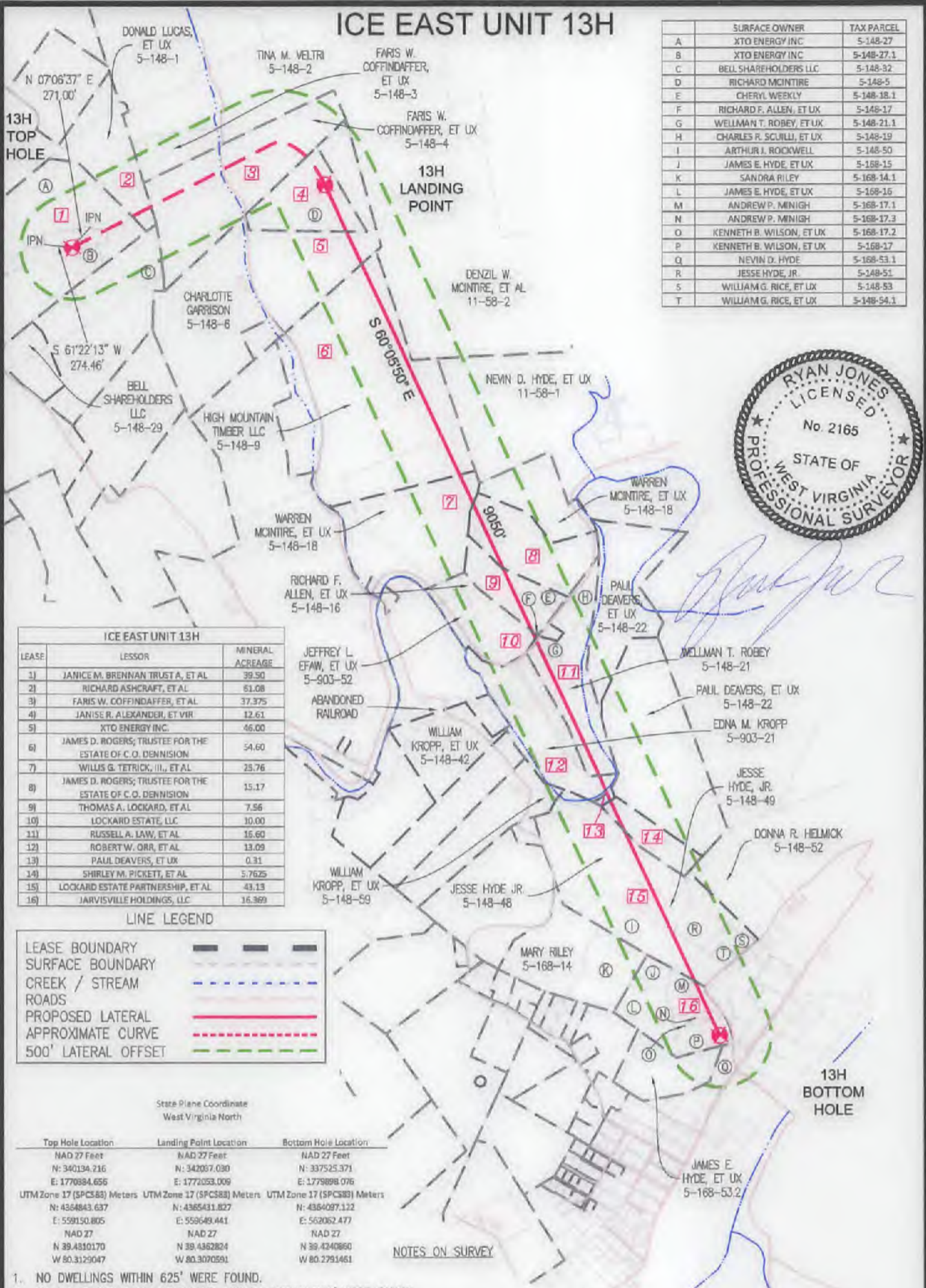
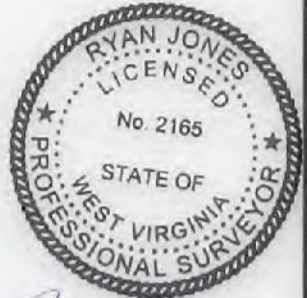


ICE EAST UNIT 13H

	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	RICHARD MCINTIRE	5-148-5
E	CHERYL WEEKLY	5-148-18.1
F	RICHARD F. ALLEN, ET UX	5-148-17
G	WELLMAN T. ROBEY, ET UX	5-148-21.1
H	CHARLES R. SCULLI, ET UX	5-148-19
I	ARTHUR J. ROCKWELL	5-148-50
J	JAMES E. HYDE, ET UX	5-168-15
K	SANDRA RILEY	5-168-14.1
L	JAMES E. HYDE, ET UX	5-168-16
M	ANDREW P. MINIGH	5-168-17.1
N	ANDREW P. MINIGH	5-168-17.3
O	KENNETH B. WILSON, ET UX	5-168-17.2
P	KENNETH B. WILSON, ET UX	5-168-17
Q	NEVIN D. HYDE	5-168-53.1
R	JESSE HYDE, JR.	5-148-51
S	WILLIAM G. RICE, ET UX	5-148-53
T	WILLIAM G. RICE, ET UX	5-148-54.1



ICE EAST UNIT 13H		
LEASE	LESSOR	MINERAL ACREAGE
1	JANICE M. BRENNAN TRUSTA, ET AL	39.90
2	RICHARD ASHCRAFT, ET AL	61.08
3	FARIS W. COFFINDAFFER, ET AL	37.375
4	JANISE R. ALEXANDER, ET VIR	12.61
5	XTO ENERGY INC.	46.00
6	JAMES D. ROGERS; TRUSTEE FOR THE ESTATE OF C.O. DENNISON	54.60
7	WILLIS G. TETRICK, III, ET AL	28.76
8	JAMES D. ROGERS; TRUSTEE FOR THE ESTATE OF C.O. DENNISON	15.17
9	THOMAS A. LOCKARD, ET AL	7.56
10	LOCKARD ESTATE, LLC	10.00
11	RUSSELL A. LAW, ET AL	16.60
12	ROBERT W. ORR, ET AL	13.09
13	PAUL DEAVERS, ET UX	0.31
14	SHIRLEY M. PICKETT, ET AL	5.7625
15	LOCKARD ESTATE PARTNERSHIP, ET AL	43.13
16	JARVISVILLE HOLDINGS, LLC	16.369

LINE LEGEND

- LEASE BOUNDARY: Dashed line
- SURFACE BOUNDARY: Dotted line
- CREEK / STREAM: Blue dashed line
- ROADS: Solid black line
- PROPOSED LATERAL: Solid red line
- APPROXIMATE CURVE: Dashed red line
- 500' LATERAL OFFSET: Dashed green line

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: 340194.216	N: 342067.030	N: 337525.371
E: 1770884.656	E: 1772053.009	E: 1779898.076
UTM Zone 17 (SPCS88) Meters	UTM Zone 17 (SPCS88) Meters	UTM Zone 17 (SPCS88) Meters
N: 4364843.637	N: 4365431.827	N: 4364097.122
E: 559150.805	E: 559649.441	E: 562062.477
NAD 27	NAD 27	NAD 27
N 39.4810170	N 39.4862824	N 39.4240860
W 80.3129047	W 80.3070591	W 80.2791461

NOTES ON SURVEY

- NO DWELLINGS WITHIN 625' WERE FOUND.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
- TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD 83.
- WELL ELEVATION ESTABLISHED BY RTK GPS NAVD 88.
- 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.
- WELLS SHOWN ARE TAKEN FROM RECORDS OF WDEP AND SURVEYED LOCATIONS OF WELLS WITHIN 500' OF WELL BORE.

JONES CONSULTANTS, LLC



XTO ENERGY
190 THORN HILL ROAD
WARRENDALE, PA 15086

0' 1200'

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


SUPPLEMENTAL SURFACE AND LESSOR EXHIBIT
ICE EAST UNIT 13H

Drawn By: JRV Date: 7/22/19
Scale: 1" = 1200' Sheet: SHEET 2 OF 2 File No.: JC2018-81

CLAY DISTRICT
HARRISON COUNTY, WEST VIRGINIA

WT & DE
105018-81
SHEET 2 OF 2

Scale: 1" = 1500'
Date: 7/22/18
Drawn By: JRV
HARRISON COUNTY, WEST VIRGINIA
CLAY DISTRICT



XTO ENERGY

150 THORN HILL ROAD
WARRENDALE, PA 15086

Scale: 1500'

2022 GRID NORTH

DATE: 07/22/2018 05:28
SHEET 2 OF 2

PROJECT: SURVEYING • MAPPING • LAND • GAS WELL • PIPELINE
2402 PENNSYLVANIA @ DELMONT, PA 15026
www.jonesconsultants.com

JONES CONSULTANTS, LLC

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 W/ NORTH ZONE NAD 83.
 4. WELL ELEVATION ESTABLISHED BY RTK GPS NAD 88.
 5. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN MARCH 2018 AND FILLS PROVIDED BY XTO ENERGY INC.
 6. WELLS SHOWN ARE TAKEN FROM RECORDS OF WELPS AND SURVEYED LOCATIONS OF WELLS WITHIN 500' OF WELL BORE.

NOTES ON SURVEY

UTM Zone 17 (29C28) Merit	UTM Zone 17 (29C28) Merit	UTM Zone 17 (29C28) Merit	Top Hole Location	Landing Point Location	Bottom Hole Location
N: 4364007.833	E: 258202.473	NAD 23	W 80 332002	NAD 23	W 80 332002
N: 4364007.833	E: 258202.473	NAD 23	N 39 430120	NAD 23	N 39 430120
N: 4364007.833	E: 258202.473	NAD 23	N 39 430120	NAD 23	N 39 430120
N: 4364007.833	E: 258202.473	NAD 23	N 39 430120	NAD 23	N 39 430120
N: 4364007.833	E: 258202.473	NAD 23	N 39 430120	NAD 23	N 39 430120
N: 4364007.833	E: 258202.473	NAD 23	N 39 430120	NAD 23	N 39 430120
N: 4364007.833	E: 258202.473	NAD 23	N 39 430120	NAD 23	N 39 430120
N: 4364007.833	E: 258202.473	NAD 23	N 39 430120	NAD 23	N 39 430120
N: 4364007.833	E: 258202.473	NAD 23	N 39 430120	NAD 23	N 39 430120
N: 4364007.833	E: 258202.473	NAD 23	N 39 430120	NAD 23	N 39 430120

LINE LEGEND

- LEASE BOUNDARY
- SURFACE BOUNDARY
- CREEK / STREAM
- ROADS
- PROPOSED LATERAL
- APPROXIMATE CURVE
- 500' LATERAL OFFSET

LEASE	LESSOR	ACREAGE
1	JANICE M BRENNAN TRUST A ET AL	29.20
2	RICHARD ASHRAF ET AL	61.88
3	PARIS W. COFFINOFFER ET AL	37.375
4	JANICE R. ALEXANDER ET VIR	12.61
5	XTO ENERGY INC.	46.00
6	JAMES D. ROGERS TRUSTEE FOR THE ESTATE OF C.O. DENNISON	24.60
7	WILLIS G. TETRICK III ET AL	52.76
8	JAMES D. ROGERS TRUSTEE FOR THE ESTATE OF C.O. DENNISON	12.71
9	THOMAS A LOCKARD ET AL	7.28
10	LOCKARD ESTATE LLC	10.00
11	RUSSELL A. LAW ET AL	18.60
12	ROBERT W. ORR ET AL	13.88
13	PAUL DEWERS ET UX	0.21
14	SHIRLEY M. PICKETT ET AL	2.252
15	LOCKARD ESTATE PARTNERSHIP ET AL	43.73
16	JARVISVILLE HOLDINGS, LLC	16.88

ICE EAST UNIT 13H

2 80.02, 20. E

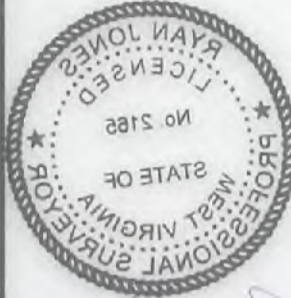
13H LANDING POINT

13H TOP HOLE

13H BOTTOM HOLE

PROPERTY OWNERS: FARRIS W. COFFINOFFER ET UX, TIM M. VETTER ET UX, DONALD LUCAS ET UX, FARRIS W. COFFINOFFER ET UX, CHARLOTTE GARRISON, BELT SHARERSHOLDERS LLC, HIGH MOUNTAIN TIMBER LLC, WARREN MONITRE ET UX, RICHARD F. ALLEN ET UX, NEVIN D. HYDE ET UX, MONITRE ET UX, JEFFREY L. EMM ET UX, ABANDONED RAILROAD, WILLIAM KROPP ET UX, WILLIAM KROPP ET UX, JESSE HYDE JR., MARY RILEY, JAMES E. HYDE ET UX, DONNA R. HELMICK, PAUL DEWERS ET UX, EDNA M. KROPP, JESSE HYDE JR., PAUL DEWERS ET UX, WELLMAN T. ROBEY ET UX.

TAX PARCEL	SURFACE OWNER
2-148-23	A XTO ENERGY INC
2-148-23	B XTO ENERGY INC
2-148-23	C BELT SHARERSHOLDERS LLC
2-148-2	D RICHARD MACINTIRE
2-148-28	E CHEVY WEEKLY
2-148-17	F RICHARD F. ALLEN ET UX
2-148-23	G WELLMAN T. ROBEY ET UX
2-148-19	H CHARLES R. SCULLY ET UX
2-148-20	I ASTRUTH R. ROCKWELL
2-148-18	J JAMES E. HYDE ET UX
2-148-23	K SANDRA RILEY
2-148-16	L JAMES E. HYDE ET UX
2-148-23	M ANDREW P. MINIGH
2-148-23	N ANDREW P. MINIGH
2-148-23	O KENNETH B. WILSON ET UX
2-148-23	P KENNETH B. WILSON ET UX
2-148-23	Q NEVIN D. HYDE
2-148-21	R JESSE HYDE JR.
2-148-23	S WILLIAM G. RICE ET UX
2-148-24	T WILLIAM G. RICE ET UX






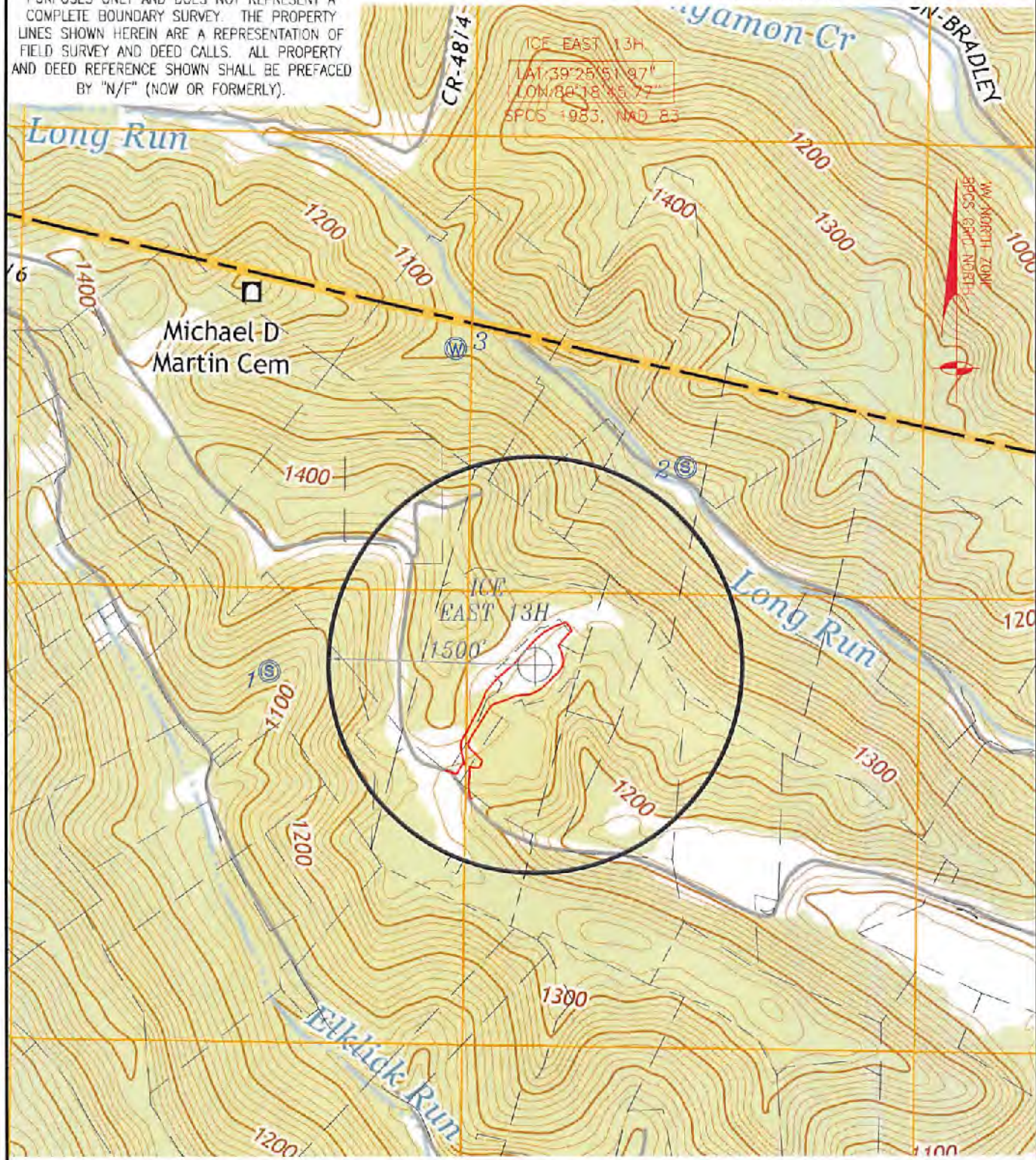
17-03-0252 - HQA

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	1929'	S 88°44'45" W	Tax Map 5-147, Parcel 87
2	Faris W. & Margaret J. Coffindaffer	24 Glenview Drive	Bridgeport	WV	26330	1797'	N 37°23'42" E	Tax Map 5-148, Parcel 4
3	Tina M. Veltri	48 White Oak Drive	Bridgeport	WV	26330	2356'	N 14°09'10" W	Tax Map 11-58, Parcel 37

ICE EAST UNIT 13H WATER OVERALL

CLAY DISTRICT, HARRISON COUNTY, WEST VIRGINIA | 12/11/2017 | JC2018-81 | 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