

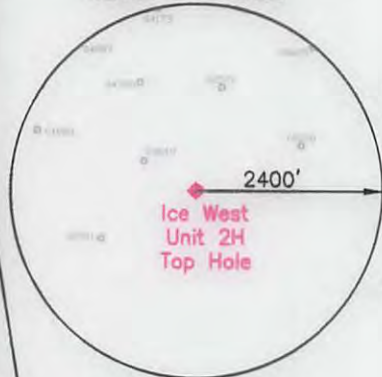
14950'

5909'

SCALE: 1" = 2400'

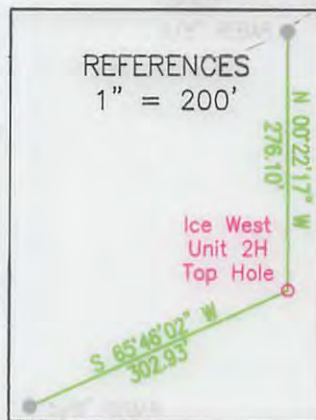
# ICE WEST UNIT 2H

LATITUDE: 39°27'30"  
SCALE: 1" = 2000'



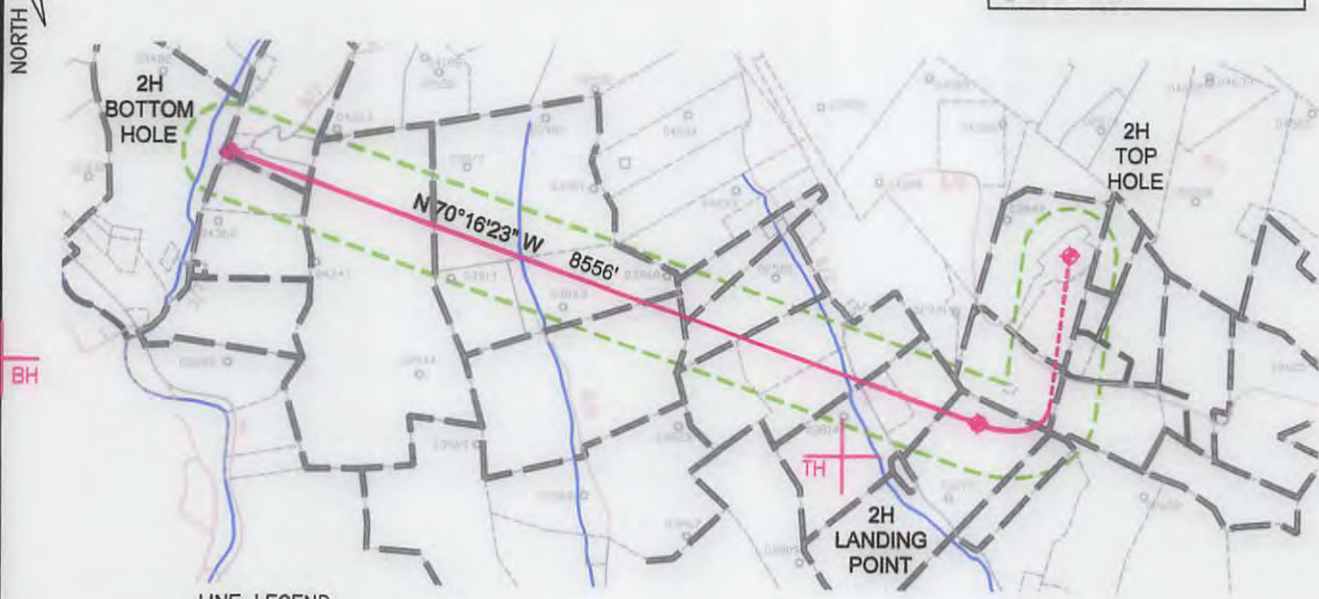
### NOTES ON SURVEY

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 JANUARY 2017 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.



SCALE: 1" = 2000'  
LONGITUDE: 80°17'30"

8921'  
9926'



### LINE LEGEND

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

### 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: 340127.045	N: 338325.023	N: 341213.104
E: 1770419.996	E: 1769443.048	E: 1761388.949
UTM Zone 17 (SPCS83) Meters	UTM Zone 17 (SPCS83) Meters	UTM Zone 17 (SPCS83) Meters
N: 4364841.632	N: 4364287.660	N: 4365126.652
E: 559161.609	E: 558873.110	E: 556404.637
NAD 27	NAD 27	NAD 27
N 39.4309982	N 39.4260265	N 39.4337512
W 080.3127794	W 080.3161799	W 080.3447862



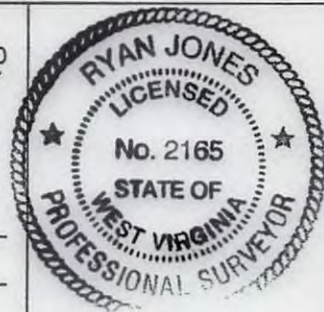
2402 PENNSYLVANIA 66 DELMONT, PA 15626  
(724) 757 - 2417 www.jonesconsultant.com

SHEET 1 OF 2

FILE #: JC2016-101  
DRAWING #: ICE WEST UNIT 2H  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: 1:2500  
PROVEN SOURCE OF ELEVATION: RTK GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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: [Signature]  
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: 02/22/2017  
OPERATOR'S WELL #: ICE WEST UNIT 2H  
API WELL #: 47 033 05818 H6A  
STATE COUNTY PERMIT

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

WATERSHED: LOWER WEST FORK RIVER (0502000206) ELEVATION: 1,353' (PROPOSED PAD 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, ET AL ACREAGE: 653±

09/08/2017

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: 7,514' (TVD), 17,170' (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



FORM W-9

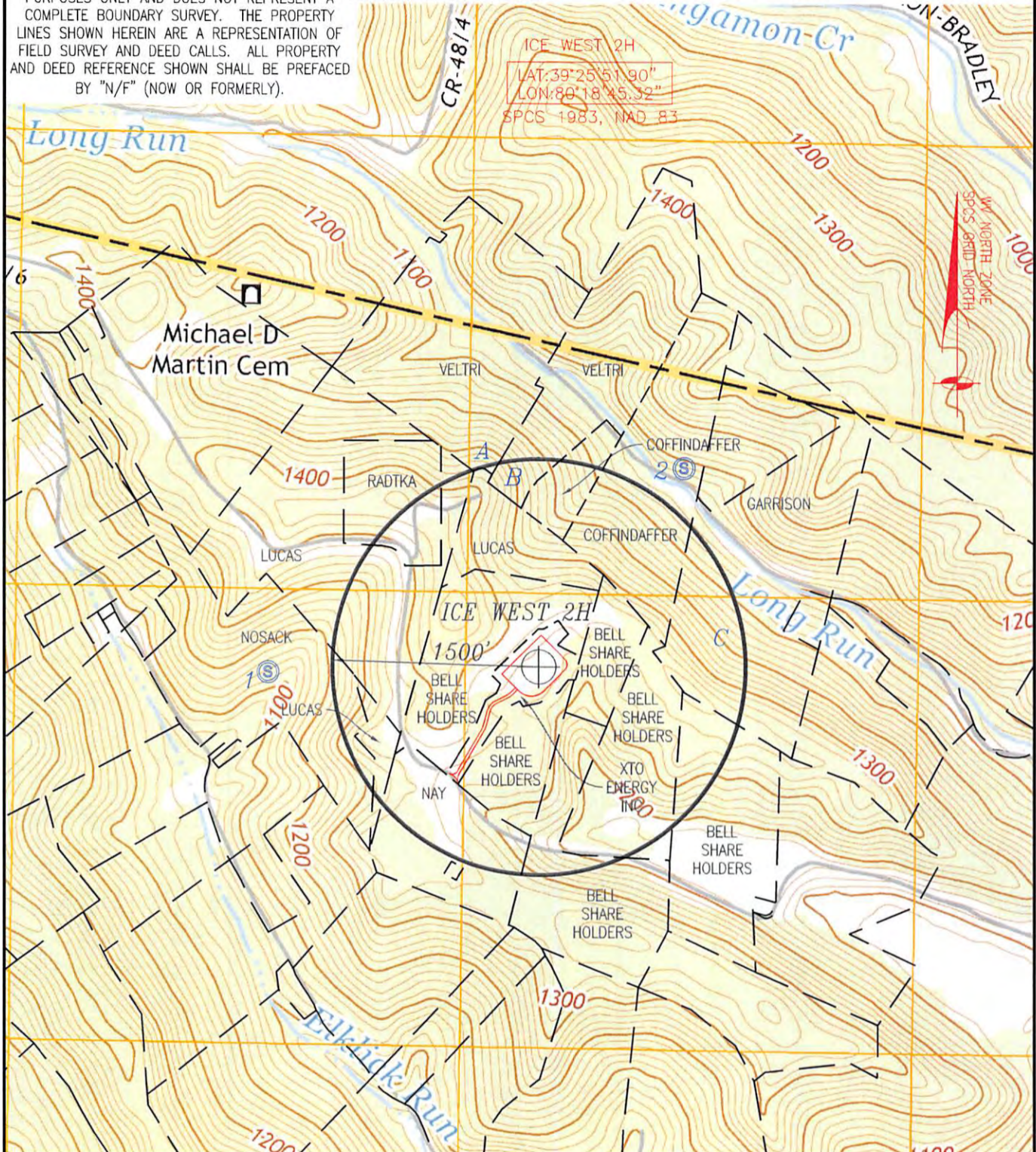
MAY 19 2017

LEGEND

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

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).

WV Department of  
Environmental Protection



VERIFIED SOURCES

POINT	NAME	ADDRESS	CITY	STATE	ZIP CODE	DISTANCE	BEARING	PARCEL I.D.
1	Michael & Cynthia Nosack	712 Bices Run Road	Shinnston	WV	26431	1964'	S 88°58'39" W	Tax Map 5-147, Parcel 87
2	Faris W. & Margaret J. Coffindafer	24 Glenview Drive	Bridgeport	WV	26330	1781'	N 36°21'07" E	Tax Map 5-148, Parcel 4

PROPERTIES THAT POTENTIALLY HAVE WATER SOURCES WITHIN 1500 FEET

POINT	NAME	ADDRESS	CITY	STATE	ZIP CODE	PARCEL I.D.
A	Tina M. Veltri	48 White Oak Drive	Bridgeport	WV	26330	Tax Map 11-58, Parcel 37
B	Tina M. Veltri	48 White Oak Drive	Bridgeport	WV	26330	Tax Map 5-148, Parcel 2
C	Charlotte Garrison	P.O. Box 23	Ida May	WV	26576	Tax Map 5-148, Parcel 6

ICE WEST UNIT 2H UNKNOWN SOURCES

CLAY DISTRICT, HARRISON COUNTY, WEST VIRGINIA | 4/4/2017 | JC2016-101 | SHEET 1 OF 1



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

09/08/2017