

WORTHINGTON D 10H

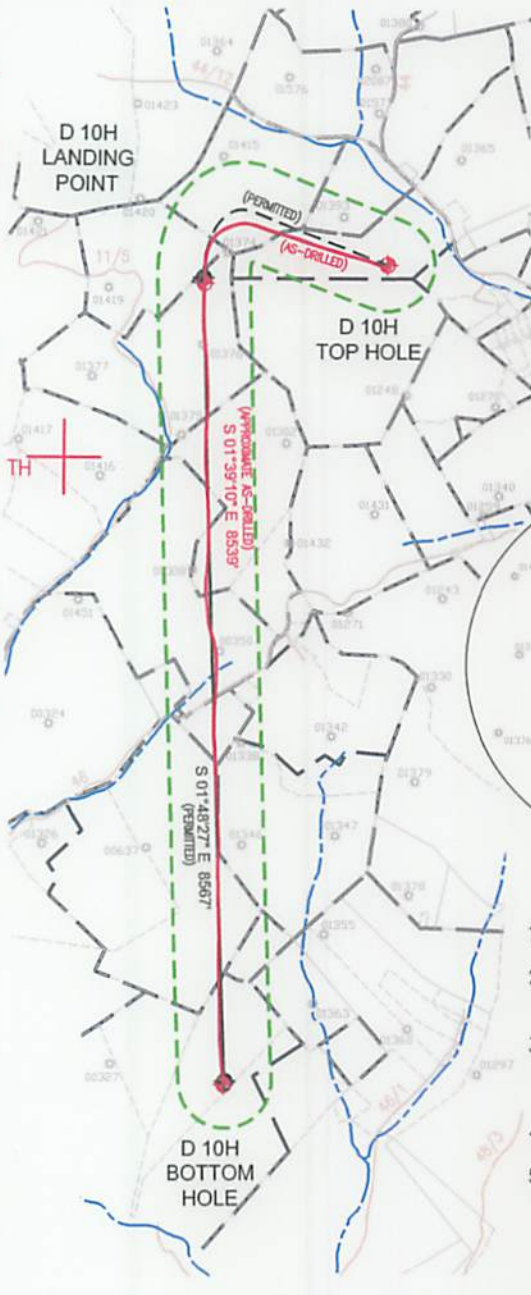
LATITUDE: 39°30'00"
SCALE: 1" = 2000'

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

PERMITTED

AS-DRILLED

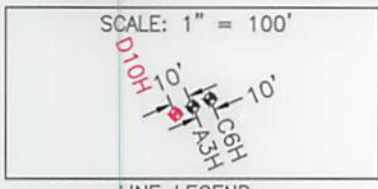
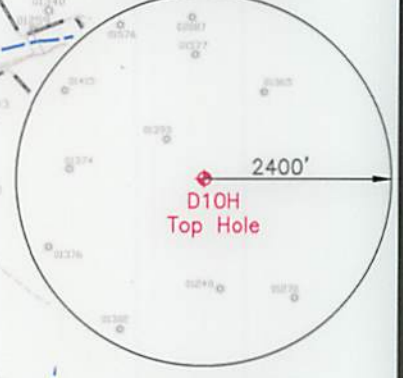
State Plane Coordinate West Virginia North Top Hole Location	State Plane Coordinate West Virginia North Top Hole Location
NAD 27 Feet N: 359384.670 E: 1768046.846	NAD 27 Feet N: 359384.670 E: 1768046.846
UTM Zone 17 (SPCS83) Meters N: 4370696.682 E: 558340.831 NAD 27 N 39.4838096 W 080.3218042	UTM Zone 17 (SPCS83) Meters N: 4370696.682 E: 558340.831 NAD 27 N 39.4838096 W 080.3218042
Landing Point Location	Landing Point Location
NAD 27 Feet N: 359235.813 E: 1766076.359	NAD 27 Feet N: 359174.053 E: 1766086.049
UTM Zone 17 (SPCS83) Meters N: 4370641.321 E: 557741.243 NAD 27 N 39.4833512 W 080.3287803	UTM Zone 17 (SPCS83) Meters N: 4370622.554 E: 557744.509 NAD 27 N 39.4831819 W 080.3287440
Bottom Hole Location	Bottom Hole Location
NAD 27 Feet N: 350672.977 E: 1766346.651	NAD 27 Feet N: 350638.066 E: 1766332.422
UTM Zone 17 (SPCS83) Meters N: 4368033.908 E: 557867.066 NAD 27 N 39.4598494 W 080.3275433	UTM Zone 17 (SPCS83) Meters N: 4368023.199 E: 557862.908 NAD 27 N 39.4597532 W 080.3275926



REFERENCES



SCALE: 1" = 2400'



LINE LEGEND

LEASE BOUNDARY	---
SURFACE BOUNDARY	- - - -
CREEK / STREAM	~~~~~
ROADS	=====
PROPOSED LATERAL	—————
APPROXIMATE CURVE	- - - - -
AS-DRILLED LATERAL	—————
500' LATERAL OFFSET	-----
EXISTING GAS WELL	⊙

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 MARION COUNTY IN MAY 2016 AND FILES PROVIDED BY XTO ENERGY, INC.
6. WELLS SHOWN ARE TAKEN FROM RECORDS OF WWDEP.



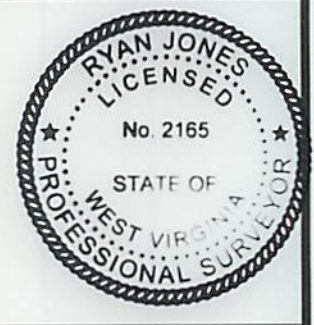
2402 PENNSYLVANIA 66 DELMONT, PA 15626
(724) 757 - 2417 www.jonesconsultant.com

SHEET 1 OF 2

FILE #: JC2016-38
DRAWING #: WORTHINGTON D 10H WELL
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 AS-DRILLED WELL ON UNITED STATES TOPOGRAPHIC MAPS
WWDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: 05/29/2019
OPERATOR'S WELL #: WORTHINGTON D 10H
API WELL #: 47 049 02420
STATE COUNTY PERMIT

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

WATERSHED: LOWER WEST FORK RIVER (0502000206)
COUNTY/DISTRICT: MARION / LINCOLN
SURFACE OWNER: XTO ENERGY INC
OIL & GAS ROYALTY OWNER: RADDISH, ET AL

ELEVATION: 1,194' FINISH GRADE
QUADRANGLE: SHINNSTON 7.5'
ACREAGE: 104.40±
ACREAGE: 585±

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
WELL OPERATOR: XTO ENERGY INC.
Address: 190 THORN HILL ROAD
City: WARRENDALE State: PA Zip Code: 15086

ESTIMATED DEPTH: 7,573' (TVD), 17,207' (TMD)
DESIGNATED AGENT: GARY BEALL
Address: P.O. BOX 1008
City: JANE LEW State: WV Zip Code: 26378

WORTHINGTON D 10H

LINE LEGEND

LEASE BOUNDARY	
SURFACE BOUNDARY	
CREEK / STREAM	
ROADS	
PROPOSED LATERAL	
APPROXIMATE CURVE	
AS-DRILLED LATERAL	
500' LATERAL OFFSET	
EXISTING GAS WELL	

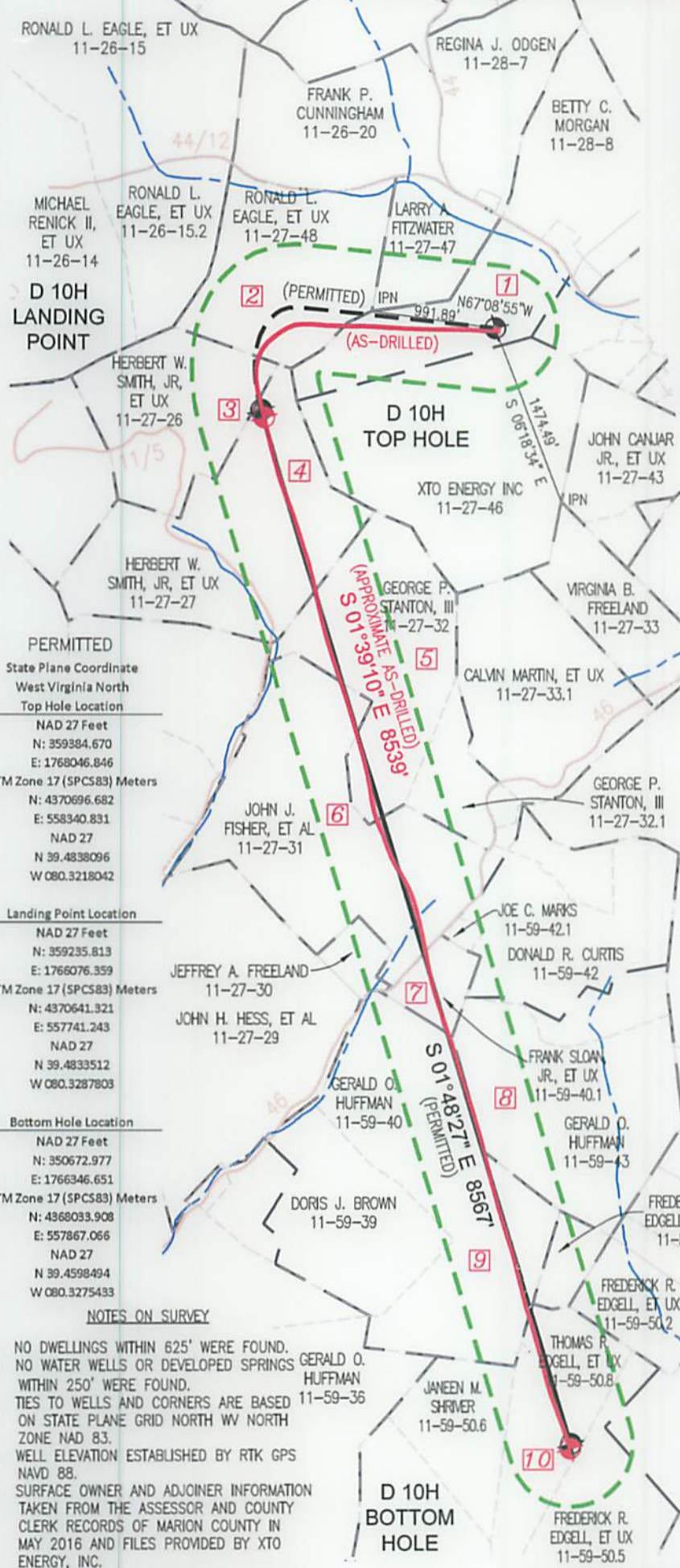
LEASE	LESSOR	MINERAL ACREAGE
1)	JAMES RUDOLPH HEATER LIVING TRUST, ET AL	19.658
2)	CAROLYN R. GROVER, ET AL	39.17
3)	GAYLE D JUSTICE, ET AL	34.60
4)	EXPLORATION PARTNERS, LLC, ET AL	64.55
5)	AMANDA M. HESS, ET AL	51.250
6)	AMANDA M. HESS, ET AL	67.500
7)	FREDERICK R. EDGELL, ET AL	7.500
8)	RONALD D. MARTIN, ET AL	66.500
9)	HARRY G. MOORHEAD, ET AL	94.000
10)	ROY W. EDGELL, ET AL	140.51825



AS-DRILLED
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 NAD 27 Feet
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 E: 1768046.846
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 E: 558340.831
 NAD 27
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 W 080.3218042

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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 WORTHINGTON D 10H

Drawn By: JRV	Date: 05/29/19	LINCOLN DISTRICT MARION COUNTY, WEST VIRGINIA
Scale: 1" = 1200'	Sheet: SHEET 2 OF 2	File No.: JC2016-38
AFE # 1600261		