

TOP HOLE 6119' BOTTOM HOLE 677'

# SANDS UNIT A 8H

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

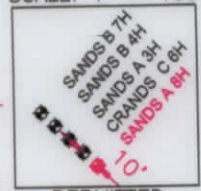
## AS-DRILLED LINE LEGEND

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

### AS-DRILLED

State Plane Coordinate West Virginia North Top Hole Location	
NAD 27 Feet	N: 351811.051
	E: 1770313.560
UTM Zone 17 (SPCS83) Meters	
N	4368400.786
E	559069.877
NAD 27	
N	39.4630734
W	80.3135308
Landing Point Location	
NAD 27 Feet	N: 349922.936
	E: 1769250.254
UTM Zone 17 (SPCS83) Meters	
N	4367820.144
E	558755.507
NAD 27	
N	39.4578632
W	80.3172359
Inflection Point One Location	
NAD 27 Feet	N: 346063.971
	E: 1773204.042
UTM Zone 17 (SPCS83) Meters	
N	4366654.537
E	559979.687
NAD 27	
N	39.4473665
W	80.3031115
Inflection Point Two Location	
NAD 27 Feet	N: 345538.018
	E: 1773602.816
UTM Zone 17 (SPCS83) Meters	
N	4366506.322
E	560103.850
NAD 27	
N	39.4459323
W	80.3016829
Bottom Hole Location	
NAD 27 Feet	N: 341232.234
	E: 1775670.969
UTM Zone 17 (SPCS83) Meters	
N	4365205.007
E	560755.802
NAD 27	
N	39.4341614
W	80.2942250

SCALE: 1" = 100'



### PERMITTED

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	E: 1770313.560
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E	558755.507
NAD 27	
N	39.4578632
W	80.3171900
Inflection Point One Location	
NAD 27 Feet	N: 349931.066
	E: 1769263.294
UTM Zone 17 (SPCS83) Meters	
N	4367822.688
E	558759.439
NAD 27	
N	39.4578858
W	80.3171900
Inflection Point Two Location	
NAD 27 Feet	N: 346217.053
	E: 1773104.551
UTM Zone 17 (SPCS83) Meters	
N	4366710.670
E	559948.598
NAD 27	
N	39.4477843
W	80.3034686
Inflection Point Two Location	
NAD 27 Feet	N: 345678.479
	E: 1773494.925
UTM Zone 17 (SPCS83) Meters	
N	4366548.568
E	560070.266
NAD 27	
N	39.4463153
W	80.3020693
Bottom Hole Location	
NAD 27 Feet	N: 341224.554
	E: 1775658.429
UTM Zone 17 (SPCS83) Meters	
N	4365202.603
E	560752.020
NAD 27	
N	39.4341400
W	80.2942692

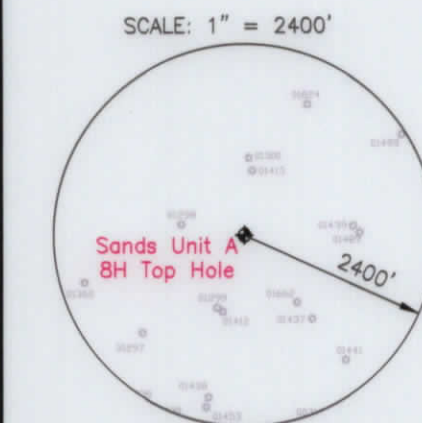
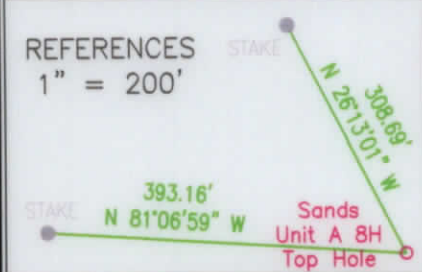
SCALE: 1" = 2000' LONGITUDE: 80°17'30" (TOP HOLE)  
 SCALE: 1" = 2000' LONGITUDE: 80°17'30" (BOTTOM HOLE)

8767'

13420'

BOTTOM HOLE

TOP 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 TH
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 AUGUST 2021 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.

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

SHEET 1 OF 2

FILE #: JC2018-77  
 DRAWING #: SANDS A 8H AS-DRILLED  
 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: 8/5/2021  
 OPERATOR'S WELL #: SANDS UNIT A 8H  
 API WELL #: 47 049 02495  
 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: XTO ENERGY INC

ELEVATION: 1,230' (EXISTING GRADE)  
 QUADRANGLE: SHINSTON 7.5'  
 ACREAGE: 105.34±  
 ACREAGE: 638±

01/21/2022

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

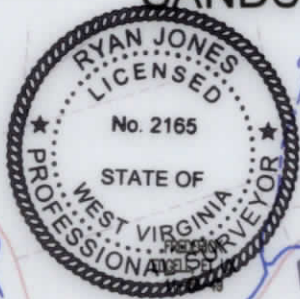
ESTIMATED DEPTH: 7,490' (TVD), 18,960' (TMD) AS-DRILLED  
 DESIGNATED AGENT: GARY BEALL  
 Address: P.O. BOX 1008  
 City: JANE LEW State: WV Zip Code: 26378



# SANDS UNIT A 8H AS-DRILLED

## LINE LEGEND

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



LEASE	LESSOR	MINERAL ACREAGE
1)	TRIO PETROLEUM CORP	138.05
2)	WACO OIL AND GAS CO. INC.	35.185
3)	O. JOAN WEEKLY	17.00
4)	IMOGENE SAYERS, ET AL	5.045
5)	IMOGENE SAYERS, ET AL	30.995
6)	PATRICIA ANN JUDY, ET AL	130.00
7)	GARY B. TATE, ET AL	5.22
8)	WILMA R. GOODWIN, ET AL	20.00
9)	EUGENE V. TETRICK, ET AL	16.72
10)	EUGENE V. TETRICK, ET AL	8.00
11)	DAVID M. TETRICK	16.175
12)	BERTA PEARL LAUGHLIN, ET AL	80.00
13)	ALLEN R. COOPER, ET AL	20.00
14)	PHYLLIS J. CARPENTER, ET AL	15.00
15)	BARBARA HARRIS, ET AL	15.00
16)	DENZIL MCINTIRE, ET UX	132.00
17)	WACO OIL AND GAS CO. INC., ET AL	91.49

	SURFACE OWNER	TAX PARCEL
A	DONALD A. WEEKLY, ET UX	11-57-11.6
B	ROGER L. WEEKLY	11-57-11.3
C	VIRGINIA K. WEEKLY	11-57-11.2
D	JESSICA N. WEEKLY, ET VIR	11-57-11.5
E	ROGER L. WEEKLY	11-53-31.1
F	STEPHEN L. YEAGER	11-57-11.8
G	EUGENE E. TETRICK	11-57-11.1
H	JOHN R. WEEKLY	11-57-10
I	DANIEL M. TETRICK	11-53-3.20
J	DAVID M. TETRICK	11-53-3.2
K	EDWARD W. HINERMAN, ET UX	11-51-15.8
L	EDWARD W. HINERMAN, ET UX	11-51-15.3
M	CRAIG A. HOLT, ET UX	11-51-15.4
N	CRAIG A. HOLT, ET UX	11-58-1.2
O	JAMES A. KELLAR, ET UX	11-53-4.1

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**JONES CONSULTANTS, LLC**

SURVEYING • MAPPING • LAND • GAS WELL • PIPELINE  
2402 PENNSYLVANIA 66 DELMONT, PA 15622  
(724) 757-2417 www.jonesconsultant.com

**XTO ENERGY**  
190 THORN HILL ROAD  
WARRENDALE, PA 15086



**SUPPLEMENTAL SURFACE AND LESSOR EXHIBIT**  
**SANDS UNIT A 8H**  
Drawn By: JRV Date: 8/5/21  
Scale: 1" = 1500' Sheet: LINCOLN DISTRICT MARION COUNTY, WEST VIRGINIA  
File No.: AFE # 1004837 SHEET 2 OF 2 JC2018-77



04/21/2022