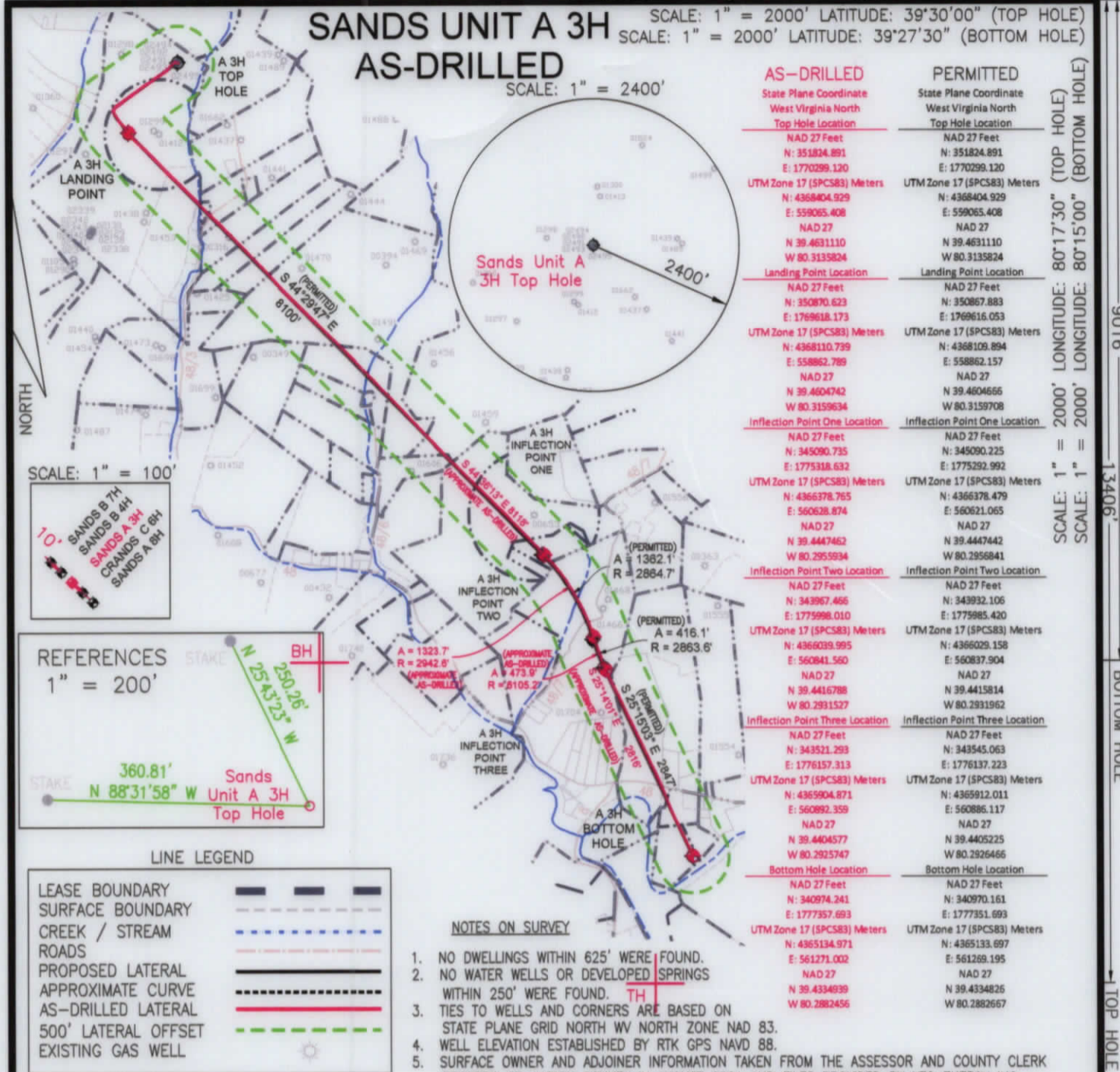


BOTTOM HOLE 10748' 6133'

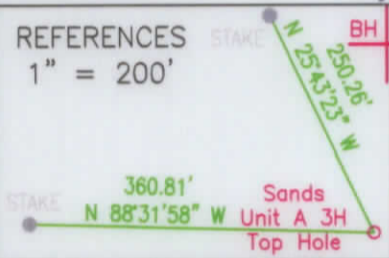
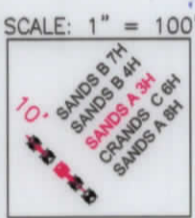
SANDS UNIT A 3H AS-DRILLED

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

SCALE: 1" = 2400'



AS-DRILLED	PERMITTED
State Plane Coordinate West Virginia North Top Hole Location	State Plane Coordinate West Virginia North Top Hole Location
NAD 27 Feet N: 351824.891 E: 1770299.120	NAD 27 Feet N: 351824.891 E: 1770299.120
UTM Zone 17 (SPCS83) Meters N: 4368404.929 E: 559065.408	UTM Zone 17 (SPCS83) Meters N: 4368404.929 E: 559065.408
NAD 27 N 39 4631110 W 80 3135824	NAD 27 N 39 4631110 W 80 3135824
Landing Point Location	Landing Point Location
NAD 27 Feet N: 350870.623 E: 1769618.173	NAD 27 Feet N: 350870.623 E: 1769618.173
UTM Zone 17 (SPCS83) Meters N: 4368110.739 E: 558862.789	UTM Zone 17 (SPCS83) Meters N: 4368110.739 E: 558862.157
NAD 27 N 39 4604742 W 80 3159708	NAD 27 N 39 4604656 W 80 3159708
Inflection Point One Location	Inflection Point One Location
NAD 27 Feet N: 345090.735 E: 1775318.632	NAD 27 Feet N: 345090.225 E: 1775292.992
UTM Zone 17 (SPCS83) Meters N: 4366378.785 E: 560628.874	UTM Zone 17 (SPCS83) Meters N: 4366378.479 E: 560621.065
NAD 27 N 39 4447462 W 80 2955934	NAD 27 N 39 4447442 W 80 2956841
Inflection Point Two Location	Inflection Point Two Location
NAD 27 Feet N: 343967.466 E: 1775986.010	NAD 27 Feet N: 343932.106 E: 1775985.420
UTM Zone 17 (SPCS83) Meters N: 4366039.995 E: 560841.560	UTM Zone 17 (SPCS83) Meters N: 4366029.158 E: 560837.904
NAD 27 N 39 4416788 W 80 2931527	NAD 27 N 39 4415814 W 80 2931962
Inflection Point Three Location	Inflection Point Three Location
NAD 27 Feet N: 343521.293 E: 1776157.313	NAD 27 Feet N: 343545.063 E: 1776137.223
UTM Zone 17 (SPCS83) Meters N: 4365904.871 E: 560892.359	UTM Zone 17 (SPCS83) Meters N: 4365912.011 E: 560886.117
NAD 27 N 39 4404577 W 80 2925747	NAD 27 N 39 4405225 W 80 2926466
Bottom Hole Location	Bottom Hole Location
NAD 27 Feet N: 340974.241 E: 1777357.693	NAD 27 Feet N: 340970.161 E: 1777351.693
UTM Zone 17 (SPCS83) Meters N: 4365134.971 E: 561271.002	UTM Zone 17 (SPCS83) Meters N: 4365133.697 E: 561269.195
NAD 27 N 39 4334939 W 80 2882456	NAD 27 N 39 4334826 W 80 2882667



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 AUGUST 2021 AND FILES PROVIDED BY XTO ENERGY INC.
6. WELLS SHOWN ARE TAKEN FROM RECORDS OF WDEP AND SURVEYED LOCATIONS.



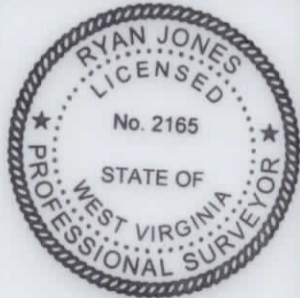
2402 PENNSYLVANIA 66 DELMONT, PA 15626
(724) 757 - 2417 www.jonesconsultant.com

SHEET 1 OF 2

FILE #: JC2017-18
DRAWING #: SANDS A 3H 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 3H
API WELL #: 47 049 02491
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: SHINNSTON 7.5
ACREAGE: 105.34±
ACREAGE: 774.4±

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: 7,547' (TVD), 20,500' (TMD) AS-DRILLED
DESIGNATED AGENT: GARY BEALL
Address: P.O. BOX 1008
City: JANE LEW State: WV Zip Code: 26378



SANDS UNIT A 3H AS-DRILLED

LINE LEGEND

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

SANDS UNIT A 3H		
LEASE	LESSOR	MINERAL ACREAGE
1)	TRIO PETROLEUM CORP	138.05
2)	WACO OIL AND GAS CO. INC.	35.185
3)	JAMES C. WEEKLY, JR	0.91
4)	JAMES C. WEEKLY, JR	16.22
5)	LACY BOGGESS, ET VIR	18.00
6)	O. JOAN WEEKLY	17.00
7)	JOANNE EDGEELL	15.52
8)	PATRICIA ANN JUDY, ET AL	130.00
9)	DAVID M. TETRICK	20.00
10)	WACO OIL AND GAS CO. INC.	86.00
11)	EUGENE V. TETRICK, ET AL	8.00
12)	BERTA PEARL LAUGHLIN, ET AL	80.00
13)	BERTA PEARL LAUGHLIN	31.053
14)	BRENDA K. JOSEPH, ET AL	6.50
15)	WACO OIL AND GAS CO. INC., ET AL	91.49
16)	XTO ENERGY INC	68.16
17)	XTO ENERGY INC	2.452
18)	MICHAEL JOSEPH BOUFFIQUX	9.82

AS-DRILLED		
State Plane Coordinate West Virginia North Top Hole Location		
NAD 27 Feet		
N: 351824.891		
E: 1770299.120		
UTM Zone 17 (SPCS83) Meters		
N: 4368404.929		
E: 559065.408		
NAD 27		
N 39.4631110		
W 80.3135824		
Landing Point Location		
NAD 27 Feet		
N: 350867.883		
E: 1769616.053		
UTM Zone 17 (SPCS83) Meters		
N: 4366109.894		
E: 558862.157		
NAD 27		
N 39.4604666		
W 80.3159708		
Inflection Point One Location		
NAD 27 Feet		
N: 345090.225		
E: 1775292.992		
UTM Zone 17 (SPCS83) Meters		
N: 4366378.479		
E: 550621.065		
NAD 27		
N 39.4447442		
W 80.2956841		
Inflection Point Two Location		
NAD 27 Feet		
N: 343952.106		
E: 1775985.420		
UTM Zone 17 (SPCS83) Meters		
N: 4365029.158		
E: 560837.904		
NAD 27		
N 39.4415814		
W 80.2931962		
Inflection Point Three Location		
NAD 27 Feet		
N: 343545.063		
E: 1776137.223		
UTM Zone 17 (SPCS83) Meters		
N: 4365912.011		
E: 560886.117		
NAD 27		
N 39.4405225		
W 80.2926466		
Bottom Hole Location		
NAD 27 Feet		
N: 340970.161		
E: 1777351.693		
UTM Zone 17 (SPCS83) Meters		
N: 4365133.697		
E: 561269.195		
NAD 27		
N 39.4334826		
W 80.2882667		

PERMITTED

State Plane Coordinate West Virginia North Top Hole Location

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E: 1770299.120

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- WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP AND SURVEYED LOCATIONS OF WELLS WITHIN 500' OF WELL BORE.

JONES CONSULTANTS, LLC

SURVEYING • MAPPING • LAND • GAS WELL • PIPELINE
 2402 PENNSYLVANIA 66 DELMONT, PA 15121
 (724) 757 - 2417 www.jonesconsultant.com



SUPPLEMENTAL SURFACE AND LESSOR EXHIBIT SANDS UNIT A 3H			
Drawn By:	Date:	LINCOLN DISTRICT MARION COUNTY, WEST VIRGINIA	
JRV	8/5/21		
Scale:	1" = 1500'	Sheet:	File No.:
AFE #	1003382	SHEET 2 OF 2	JC2017-18

01/21/2022