

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

NMOCD-REC'D: 9/21/2020

Form C-104

Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

¹ Operator name and Address XTO Permian Operation LLC 6401 Holiday Hill Rd., Bldg 5 Midland, TX 79707		² OGRID Number 260737 373075
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30-015-45623	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 982220
⁷ Property Code 325596	⁸ Property Name POKER LAKE UNIT 20 BD	⁹ Well Number 124H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	20	25S	30E		955	South	2005	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	32	25S	30E		192	South	2330	West	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214984	Plains Marketing, LP 333 Clay Street, Suite 1600, Houston, TX 77002	O
248440	Western Refining Co, LP 212 N Clark Dr, El Paso, TX 79905	O
005380	XTO Energy, Inc 6401 Holiday Hill Rd., Bldg 5, Midland, TX 79707	O/G
372787	Versa Enterprises LLC 4803 Bishops Castle Dr., Midland TX 79705	O

IV. Well Completion Data

²¹ Spud Date 2/9/19 11/02/2019	²² Ready Date 8/18/20	²³ TD 22165 MD 11102	²⁴ PBTB 22158 MD 11102 TVD	²⁵ Perforations 11969-22020	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
18.5	16	820	2306		
14.375	11.75	3550	1870		
10.625	8.625	9565	1938		
7.875	5.5	21160	2820		
	2.875	10422			

V. Well Test Data

³¹ Date New Oil 8/19/20	³² Gas Delivery Date 8/19/20	³³ Test Date 9/17/20	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 822	³⁶ Csg. Pressure 430
³⁷ Choke Size	³⁸ Oil 1994	³⁹ Water 4374	⁴⁰ Gas 6084		⁴¹ Test Method Flowing
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cheryl Rowell</i>			OIL CONSERVATION DIVISION		
Printed name: CHERYL ROWELL			Approved by: <i>Amador Roman</i>		
Title: REGULATORY COORDINATOR			Title: BUSINESS OP. SPEC.		
E-mail Address: CHERYL.ROWELL@XTOENERGY.COM			Approval Date: 12/21/2020		
Date: 9/21/20		Phone: 432-218-3754			

AB

NMOCD-REC'D: 9/21/2020

District I1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720District II811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720District III1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170District IV1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS-DRILLED PLAT

¹ API Number 30-015-45623	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 325596	⁵ Property Name POKER LAKE UNIT 20 BD	⁶ Well Number 124H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,162'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	25 S	30 E		955	SOUTH	2,005	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	32	25 S	30 E		192	SOUTH	2,330	WEST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.
NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY XTO ENERGY

¹⁶ GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 404,288.1 X= 632,588.2 LAT.= 32.110780°N LONG.= 103.905108°W K.O.P. NAD 27 NME Y= 404,168.5 X= 632,639.5 LAT.= 32.110451°N LONG.= 103.904944°W FIRST TAKE POINT NAD 27 NME Y= 403,087.9 X= 632,882.6 LAT.= 32.107478°N LONG.= 103.904173°W CORNER COORDINATES TABLE NAD 27 NME <table border="1"> <tr><td>A</td><td>Y= 403,340.8 N, X= 633,259.4 E</td></tr> <tr><td>B</td><td>Y= 403,325.1 N, X= 631,923.1 E</td></tr> <tr><td>C</td><td>Y= 400,683.8 N, X= 633,276.4 E</td></tr> <tr><td>D</td><td>Y= 400,669.1 N, X= 631,940.0 E</td></tr> <tr><td>E</td><td>Y= 398,025.4 N, X= 633,293.5 E</td></tr> <tr><td>F</td><td>Y= 398,011.2 N, X= 631,958.0 E</td></tr> <tr><td>G</td><td>Y= 395,366.6 N, X= 633,290.8 E</td></tr> <tr><td>H</td><td>Y= 395,354.2 N, X= 631,958.0 E</td></tr> <tr><td>I</td><td>Y= 392,708.5 N, X= 633,288.1 E</td></tr> <tr><td>J</td><td>Y= 392,697.7 N, X= 631,958.4 E</td></tr> </table> CORNER COORDINATES TABLE NAD 83 NME <table border="1"> <tr><td>A</td><td>Y= 403,398.9 N, X= 674,444.4 E</td></tr> <tr><td>B</td><td>Y= 403,383.2 N, X= 673,108.1 E</td></tr> <tr><td>C</td><td>Y= 400,741.8 N, X= 674,461.5 E</td></tr> <tr><td>D</td><td>Y= 400,727.1 N, X= 673,125.0 E</td></tr> <tr><td>E</td><td>Y= 398,083.4 N, X= 674,478.7 E</td></tr> <tr><td>F</td><td>Y= 398,069.2 N, X= 673,143.1 E</td></tr> <tr><td>G</td><td>Y= 395,424.5 N, X= 674,476.0 E</td></tr> <tr><td>H</td><td>Y= 395,412.1 N, X= 673,143.2 E</td></tr> <tr><td>I</td><td>Y= 392,766.4 N, X= 674,473.4 E</td></tr> <tr><td>J</td><td>Y= 392,755.6 N, X= 673,143.7 E</td></tr> </table> LAST TAKE POINT NAD 27 NME Y= 393,042.5 X= 632,954.6 LAT.= 32.079862°N LONG.= 103.904069°W BOTTOM HOLE LOCATION NAD 27 NME Y= 392,897.6 X= 632,958.7 LAT.= 32.079464°N LONG.= 103.904058°W	A	Y= 403,340.8 N, X= 633,259.4 E	B	Y= 403,325.1 N, X= 631,923.1 E	C	Y= 400,683.8 N, X= 633,276.4 E	D	Y= 400,669.1 N, X= 631,940.0 E	E	Y= 398,025.4 N, X= 633,293.5 E	F	Y= 398,011.2 N, X= 631,958.0 E	G	Y= 395,366.6 N, X= 633,290.8 E	H	Y= 395,354.2 N, X= 631,958.0 E	I	Y= 392,708.5 N, X= 633,288.1 E	J	Y= 392,697.7 N, X= 631,958.4 E	A	Y= 403,398.9 N, X= 674,444.4 E	B	Y= 403,383.2 N, X= 673,108.1 E	C	Y= 400,741.8 N, X= 674,461.5 E	D	Y= 400,727.1 N, X= 673,125.0 E	E	Y= 398,083.4 N, X= 674,478.7 E	F	Y= 398,069.2 N, X= 673,143.1 E	G	Y= 395,424.5 N, X= 674,476.0 E	H	Y= 395,412.1 N, X= 673,143.2 E	I	Y= 392,766.4 N, X= 674,473.4 E	J	Y= 392,755.6 N, X= 673,143.7 E	SEC. 20 T25S R30E SEC. 29 T25S R30E SEC. 32 T25S R30E	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Cheryl Rowell</i> 8/25/20 Signature Date CHERYL ROWELL Printed Name cheryl_rowell@xtoenergy.com E-mail Address ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 6-22-2020 Date of Survey Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i> MARK DILLON HARP 23786 Certificate Number RR 2017071050
A	Y= 403,340.8 N, X= 633,259.4 E																																									
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Intent ☐ As Drilled ☐ XXX

API # 30-015-45623		
Operator Name: XTO PERMIAN OPERATING LLC	Property Name: POKER LAKE UNIT 20 BD	Well Number 124H

Kick Off Point (KOP)

UL N	Section 20	Township 25S	Range 30E	Lot	Feet 835	From N/S S	Feet 2056	From E/W W	County EDDY
Latitude 32.110575					Longitude 103.905427			NAD 83	

First Take Point (FTP)

UL C	Section 29	Township 25S	Range 30E	Lot	Feet 248	From N/S N	Feet 2294	From E/W W	County EDDY
Latitude 32.107602					Longitude 103.904656			NAD 83	

Last Take Point (LTP)

UL B	Section 32	Township 25S	Range 30E	Lot	Feet 337	From N/S S	Feet 2326	From E/W W	County EDDY
Latitude 32.079987					Longitude 103.904551			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ NOIs this well an infill well? ☐ YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-45492		
Operator Name: XTO PERMIAN OPERATION LLC	Property Name: POKER LAKE UNIT 20 BD	Well Number 701H

KZ 06/29/2018



MWD SURVEY CERTIFICATION
Gordon Technologies, LLC

State Of Texas

County Of Midland

I, Marcus Mitcham certify that; I am employed by Gordon Technologies, LLC.;
that I did on the day(s) of November 2, 2019 through January 15, 2020 conduct
or supervise the taking of a MWD survey from a depth of 195 feet to a depth of
22,165 feet; that the data is true, correct, complete and within the limitations of the
tool set forth by Gordon Technologies, LLC.; that I am authorized and qualified to make this report;
that this survey was conducted at the request of XTO Permian Operating LLC for the
Poker Lake Unit 20 BD 124H Well, A.P.I. No. 30-015-45623 in
Purple Sage; Wolfcamp Field and that I have reviewed this report and find that
it conforms to the principles and procedures set forth by Gordon Technologies, LLC.

Signature

MWD Coordinator

Title



Directional Survey Report

Company: **XTO Permian Operating LLC**
 Well: **Poker Lake Unit 20 BD 124H**
 County: **Eddy**
 State: **New Mexico**
 Field: **Purple Sage; Wolfcamp**
 API: **30-015-45623**
 Rig: **Nabors X-34**
 Service Co: **Gordon Technologies, LLC**
 Job #: **GT191065**
 Survey Calc: **Minimum Curvature**

Well Surface Location
 Latitude: **32.110780**
 Longitude: **-103.905108**
 Reference: **NAD 1927**
 Y (Northing): **404,288.10**
 X (Easting): **632,588.20**
 Field Engr: **Cory Black**
Joseph Miller

Report Date: **Jan 15 2020**
 Time: **11:01**
 Mag Reference: **Grid North**
 Mag Correction: **6.59**
 Vert Sect. Azi: **178.24**
 Perm Datum: **Mean Sea Level**
 Depth Ref: **Rotary Table**
 RKB Height: **33**
 GL Elev: **3162**

Survey	MD	Inc	Azimuth	TVD	VS	Rectangular Offsets		Course		Closure				Source
Tie In	0	0	0	0	0	NS	EW	Length	DLS	Temp	Distance	Azimuth		
1	195.00	0.46	262.36	195.00	0.08	-0.10	-0.78	195.00	0.24	49.14	0.78	262.36	MWD Run 1	
2	225.00	0.76	262.56	225.00	0.11	-0.15	-1.09	30.00	1.00	49.14	1.10	262.40	MWD Run 1	
3	325.00	0.65	209.46	324.99	0.66	-0.73	-2.03	100.00	0.64	56.29	2.15	250.32	MWD Run 1	
4	417.00	0.62	173.88	416.98	1.61	-1.67	-2.23	92.00	0.42	56.29	2.79	233.12	MWD Run 1	
5	512.00	1.06	181.36	511.97	3.00	-3.06	-2.20	95.00	0.48	63.43	3.77	215.66	MWD Run 1	
6	607.00	1.82	200.80	606.94	5.27	-5.35	-2.76	95.00	0.94	56.29	6.02	207.23	MWD Run 1	
7	760.00	1.97	225.63	759.86	9.29	-9.46	-5.50	153.00	0.54	0.00	10.94	210.16	MWD Run 1	
8	960.00	0.06	36.61	959.82	11.54	-11.78	-7.89	200.00	1.01	77.71	14.18	213.82	MWD Run 2	
9	1062.00	1.76	44.30	1061.81	10.41	-10.62	-6.77	102.00	1.67	77.71	12.59	212.51	MWD Run 2	
10	1157.00	1.76	43.31	1156.76	8.36	-8.51	-4.75	95.00	0.03	84.86	9.75	209.15	MWD Run 2	
11	1252.00	1.42	48.08	1251.73	6.57	-6.67	-2.87	95.00	0.38	84.86	7.26	203.30	MWD Run 2	
12	1346.00	1.01	43.56	1345.70	5.24	-5.29	-1.43	94.00	0.45	92.00	5.48	195.17	MWD Run 2	
13	1441.00	0.53	28.06	1440.70	4.27	-4.29	-0.65	95.00	0.55	92.00	4.34	188.61	MWD Run 2	
14	1536.00	0.48	47.87	1535.69	3.63	-3.64	-0.15	95.00	0.19	99.14	3.64	182.33	MWD Run 2	
15	1630.00	0.29	316.74	1629.69	3.20	-3.20	-0.02	94.00	0.60	99.14	3.20	180.34	MWD Run 2	
16	1724.00	0.40	275.10	1723.69	2.98	-3.00	-0.51	94.00	0.28	99.14	3.04	189.63	MWD Run 2	
17	1819.00	0.22	216.05	1818.69	3.09	-3.12	-0.95	95.00	0.36	99.14	3.26	196.89	MWD Run 2	
18	1912.00	0.29	220.91	1911.69	3.40	-3.44	-1.21	93.00	0.08	99.14	3.64	199.32	MWD Run 2	
19	2008.00	0.37	214.25	2007.69	3.83	-3.88	-1.54	96.00	0.09	106.29	4.17	201.65	MWD Run 2	
20	2103.00	0.50	197.29	2102.68	4.47	-4.53	-1.84	95.00	0.19	106.29	4.89	202.06	MWD Run 2	
21	2197.00	0.36	216.43	2196.68	5.09	-5.16	-2.13	94.00	0.21	106.29	5.58	202.46	MWD Run 2	
22	2291.00	0.74	192.16	2290.68	5.91	-5.99	-2.44	94.00	0.47	106.29	6.46	202.13	MWD Run 2	
23	2417.00	0.78	3.28	2416.67	5.85	-5.93	-2.56	126.00	1.20	106.29	6.46	203.34	MWD Run 2	
24	2480.00	1.40	1.41	2479.66	4.65	-4.73	-2.51	63.00	0.99	113.43	5.36	208.00	MWD Run 2	
25	2574.00	1.89	1.80	2573.62	1.96	-2.03	-2.44	94.00	0.52	113.43	3.17	230.18	MWD Run 2	
26	2700.00	1.86	0.78	2699.55	-2.16	2.09	-2.34	126.00	0.04	113.43	3.14	311.70	MWD Run 2	
27	2762.00	1.69	357.22	2761.52	-4.08	4.01	-2.38	62.00	0.33	113.43	4.66	329.35	MWD Run 2	
28	2856.00	0.84	14.51	2855.50	-6.13	6.06	-2.27	94.00	0.98	113.43	6.47	339.47	MWD Run 2	
29	2951.00	1.33	104.12	2950.49	-6.49	6.46	-1.03	95.00	1.65	113.43	6.55	350.98	MWD Run 2	
30	3045.00	2.24	102.91	3044.44	-5.73	5.79	1.82	94.00	0.97	113.43	6.07	17.48	MWD Run 2	
31	3140.00	0.90	157.11	3139.41	-4.56	4.69	3.92	95.00	1.96	120.57	6.11	39.93	MWD Run 2	
32	3234.00	1.57	174.02	3233.39	-2.59	2.73	4.34	94.00	0.80	120.57	5.13	57.90	MWD Run 2	
33	3328.00	2.33	167.13	3327.33	0.57	-0.42	4.90	94.00	0.84	120.57	4.92	94.88	MWD Run 2	
34	3423.00	2.89	157.50	3422.23	4.70	-4.51	6.25	95.00	0.75	113.43	7.71	125.83	MWD Run 2	
35	3481.00	2.66	151.83	3480.16	7.28	-7.05	7.45	58.00	0.62	120.57	10.25	133.44	MWD Run 2	
36	3612.00	1.95	160.52	3611.06	12.12	-11.83	9.62	131.00	0.60	92.00	15.25	140.88	MWD Run 3	
37	3706.00	1.84	157.75	3705.01	15.06	-14.74	10.73	94.00	0.15	92.00	18.23	143.94	MWD Run 3	
38	3801.00	1.91	158.28	3799.96	17.98	-17.62	11.89	95.00	0.08	92.00	21.26	145.98	MWD Run 3	
39	3895.00	1.84	156.48	3893.91	20.85	-20.46	13.07	94.00	0.10	92.00	24.28	147.42	MWD Run 3	
40	3989.00	2.41	137.92	3987.84	23.76	-23.31	15.00	94.00	0.94	99.14	27.72	147.24	MWD Run 3	
41	4084.00	3.38	137.37	4082.72	27.40	-26.85	18.24	95.00	1.02	106.29	32.46	145.82	MWD Run 3	
42	4178.00	4.21	143.66	4176.51	32.34	-31.67	22.16	94.00	0.99	106.29	38.65	145.02	MWD Run 3	
43	4272.00	4.39	142.66	4270.25	38.10	-37.31	26.38	94.00	0.21	106.29	45.70	144.73	MWD Run 3	
44	4367.00	4.30	141.51	4364.98	43.91	-42.99	30.81	95.00	0.13	113.43	52.89	144.37	MWD Run 3	
45	4461.00	4.09	139.67	4458.72	49.36	-48.30	35.17	94.00	0.27	113.43	59.75	143.94	MWD Run 3	
46	4556.00	3.79	140.41	4553.50	54.49	-53.30	39.36	95.00	0.32	113.43	66.26	143.56	MWD Run 3	
47	4650.00	4.58	144.74	4647.25	60.07	-58.76	43.51	94.00	0.90	120.57	73.12	143.48	MWD Run 3	
48	4745.00	4.67	147.39	4741.94	66.55	-65.12	47.78	95.00	0.24	120.57	80.77	143.73	MWD Run 3	

49	4839.00	4.54	147.17	4835.64	73.03	-71.47	51.86	94.00	0.14	120.57	88.30	144.03	MWD Run 3
50	4933.00	4.49	147.47	4929.34	79.37	-77.69	55.86	94.00	0.06	120.57	95.69	144.29	MWD Run 3
51	5029.00	4.40	147.67	5025.05	85.77	-83.97	59.85	96.00	0.10	120.57	103.12	144.52	MWD Run 3
52	5123.00	4.25	147.63	5118.79	91.88	-89.96	63.64	94.00	0.16	120.57	110.20	144.72	MWD Run 3
53	5218.00	4.00	149.54	5213.54	97.81	-95.79	67.20	95.00	0.30	120.57	117.02	144.95	MWD Run 3
54	5313.00	3.12	156.99	5308.36	103.13	-101.03	69.89	95.00	1.04	127.71	122.85	145.32	MWD Run 3
55	5408.00	1.85	175.02	5403.27	107.07	-104.94	71.04	95.00	1.55	127.71	126.72	145.90	MWD Run 3
56	5503.00	0.97	205.83	5498.24	109.31	-107.19	70.82	95.00	1.19	127.71	128.47	146.55	MWD Run 3
57	5597.00	0.54	102.28	5592.23	110.12	-108.00	70.91	94.00	1.29	127.71	129.20	146.71	MWD Run 3
58	5692.00	0.56	101.43	5687.23	110.34	-108.18	71.80	95.00	0.02	127.71	129.84	146.43	MWD Run 3
59	5787.00	0.60	108.21	5782.22	110.61	-108.43	72.73	95.00	0.08	127.71	130.56	146.15	MWD Run 3
60	5881.00	0.65	111.06	5876.22	110.99	-108.78	73.69	94.00	0.06	134.86	131.39	145.88	MWD Run 3
61	5976.00	0.48	112.36	5971.21	111.36	-109.12	74.56	95.00	0.18	127.71	132.16	145.66	MWD Run 3
62	6070.00	0.48	129.99	6065.21	111.78	-109.53	75.23	94.00	0.16	127.71	132.87	145.52	MWD Run 3
63	6164.00	0.52	154.22	6159.21	112.44	-110.16	75.72	94.00	0.23	127.71	133.67	145.50	MWD Run 3
64	6259.00	0.55	171.15	6254.20	113.28	-111.00	75.97	95.00	0.17	127.71	134.51	145.61	MWD Run 3
65	6353.00	0.51	171.65	6348.20	114.15	-111.86	76.10	94.00	0.04	134.86	135.30	145.77	MWD Run 3
66	6447.00	0.55	175.10	6442.20	115.01	-112.72	76.20	94.00	0.05	120.57	136.07	145.94	MWD Run 3
67	6542.00	0.76	173.86	6537.19	116.10	-113.81	76.31	95.00	0.22	127.71	137.02	146.16	MWD Run 3
68	6636.00	0.77	168.96	6631.18	117.34	-115.04	76.50	94.00	0.07	127.71	138.16	146.38	MWD Run 3
69	6731.00	0.10	128.37	6726.18	118.02	-115.72	76.68	95.00	0.73	134.86	138.82	146.47	MWD Run 3
70	6825.00	0.26	52.69	6820.18	117.95	-115.64	76.92	94.00	0.27	134.86	138.89	146.37	MWD Run 3
71	6920.00	0.46	323.32	6915.18	117.51	-115.21	76.86	95.00	0.55	134.86	138.49	146.29	MWD Run 3
72	7014.00	0.60	317.06	7009.17	116.83	-114.55	76.30	94.00	0.16	134.86	137.63	146.33	MWD Run 3
73	7109.00	0.40	310.20	7104.17	116.24	-113.97	75.71	95.00	0.22	134.86	136.82	146.40	MWD Run 3
74	7203.00	0.27	274.37	7198.17	116.00	-113.74	75.24	94.00	0.26	134.86	136.37	146.52	MWD Run 3
75	7297.00	0.28	280.57	7292.17	115.92	-113.68	74.79	94.00	0.03	142.00	136.08	146.66	MWD Run 3
76	7392.00	0.28	258.89	7387.16	115.91	-113.68	74.34	95.00	0.11	142.00	135.83	146.82	MWD Run 3
77	7486.00	0.06	190.02	7481.16	116.00	-113.77	74.10	94.00	0.28	142.00	135.78	146.92	MWD Run 3
78	7582.00	0.97	54.94	7577.16	115.60	-113.36	74.76	96.00	1.06	142.00	135.79	146.60	MWD Run 3
79	7677.00	0.87	65.41	7672.15	114.88	-112.59	76.07	95.00	0.21	142.00	135.88	145.96	MWD Run 3
80	7771.00	0.48	67.66	7766.14	114.46	-112.15	77.09	94.00	0.42	142.00	136.09	145.50	MWD Run 3
81	7866.00	0.09	104.24	7861.14	114.34	-112.02	77.53	95.00	0.43	149.14	136.23	145.31	MWD Run 3
82	7960.00	0.40	245.44	7955.14	114.49	-112.17	77.30	94.00	0.50	142.00	136.22	145.43	MWD Run 3
83	8055.00	1.29	242.76	8050.13	115.08	-112.80	76.05	95.00	0.94	149.14	136.04	146.01	MWD Run 3
84	8149.00	1.85	254.53	8144.09	115.89	-113.69	73.64	94.00	0.68	149.14	135.45	147.07	MWD Run 3
85	8244.00	1.48	270.74	8239.05	116.20	-114.08	70.94	95.00	0.63	149.14	134.34	148.13	MWD Run 3
86	8337.00	1.42	283.22	8332.02	115.85	-113.80	68.62	93.00	0.34	149.14	132.89	148.91	MWD Run 3
87	8432.00	1.45	275.82	8426.99	115.39	-113.41	66.27	95.00	0.20	149.14	131.35	149.70	MWD Run 3
88	8525.00	1.49	269.22	8519.96	115.22	-113.31	63.89	93.00	0.19	149.14	130.08	150.58	MWD Run 3
89	8620.00	1.84	259.81	8614.92	115.42	-113.59	61.16	95.00	0.47	149.14	129.01	151.70	MWD Run 3
90	8714.00	1.68	268.42	8708.88	115.63	-113.90	58.30	94.00	0.33	149.14	127.95	152.90	MWD Run 3
91	8809.00	1.45	257.72	8803.84	115.85	-114.19	55.73	95.00	0.39	149.14	127.07	153.99	MWD Run 3
92	8904.00	1.36	239.13	8898.81	116.62	-115.03	53.59	95.00	0.49	149.14	126.90	155.02	MWD Run 3
93	8999.00	1.47	232.85	8993.79	117.87	-116.34	51.65	95.00	0.20	120.57	127.29	156.06	MWD Run 4
94	9093.00	0.50	177.76	9087.77	118.98	-117.48	50.70	94.00	1.33	127.71	127.95	156.66	MWD Run 4
95	9187.00	0.50	95.86	9181.77	119.44	-117.93	51.13	94.00	0.70	127.71	128.54	156.56	MWD Run 4
96	9281.00	0.62	83.19	9275.76	119.45	-117.91	52.04	94.00	0.18	134.86	128.89	156.19	MWD Run 4
97	9376.00	0.89	61.66	9370.76	119.08	-117.50	53.20	95.00	0.41	134.86	128.98	155.64	MWD Run 4
98	9470.00	0.87	51.19	9464.75	118.32	-116.71	54.40	94.00	0.17	142.00	128.76	155.01	MWD Run 4
99	9497.00	0.79	58.68	9491.74	118.11	-116.48	54.72	27.00	0.50	142.00	128.69	154.84	MWD Run 4
100	9616.00	0.50	66.71	9610.74	117.51	-115.85	55.90	119.00	0.25	134.86	128.63	154.24	MWD Run 5
101	9697.00	0.62	72.18	9691.73	117.26	-115.58	56.64	81.00	0.16	142.00	128.71	153.89	MWD Run 5
102	9774.00	0.75	49.31	9768.73	116.83	-115.12	57.42	77.00	0.39	149.14	128.64	153.49	MWD Run 5
103	9867.00	0.50	111.44	9861.72	116.61	-114.87	58.25	93.00	0.73	149.14	128.80	153.11	MWD Run 5
104	9962.00	0.26	165.15	9956.72	116.98	-115.23	58.70	95.00	0.43	156.29	129.32	153.01	MWD Run 5
105	10056.00	0.69	211.44	10050.72	117.66	-115.92	58.46	94.00	0.58	156.29	129.83	153.24	MWD Run 5
106	10151.00	1.01	237.19	10145.71	118.57	-116.86	57.45	95.00	0.52	163.43	130.22	153.82	MWD Run 5
107	10245.00	1.22	225.72	10239.69	119.68	-118.01	56.04	94.00	0.32	170.57	130.64	154.60	MWD Run 5
108	10340.00	1.58	265.44	10334.66	120.42	-118.82	54.01	95.00	1.06	170.57	130.52	155.56	MWD Run 5
109	10378.00	2.04	260.91	10372.64	120.53	-118.97	52.82	38.00	1.27	170.57	130.17	156.06	MWD Run 5
110	10430.00	1.80	259.87	10424.61	120.77	-119.26	51.10	52.00	0.47	156.29	129.75	156.80	MWD Run 6
111	10477.00	5.03	134.05	10471.56	122.36	-120.82	51.86	47.00	13.31	163.43	131.48	156.77	MWD Run 6
112	10525.00	12.26	121.86	10518.98	126.69	-124.98	57.71	48.00	15.46	163.43	137.66	155.22	MWD Run 6
113	10572.00	15.02	124.34	10564.66	133.05	-131.05	66.98	47.00	6.00	163.43	147.17	152.93	MWD Run 6
114	10619.00	18.82	136.83	10609.63	142.33	-140.02	77.20	47.00	11.15	170.57	159.89	151.13	MWD Run 6
115	10669.00	22.94	138.37	10656.33	155.86	-153.19	89.19	50.00	8.31	170.57	177.27	149.79	MWD Run 6
116	10714.00	25.45	144.83	10697.39	170.67	-167.66	100.59	45.00	8.10	170.57	195.52	149.04	MWD Run 6

117	10761.00	26.55	152.98	10739.64	188.60	-185.28	111.19	47.00	7.95	170.57	216.08	149.03	MWD Run 6
118	10808.00	30.50	157.02	10780.93	209.23	-205.62	120.62	47.00	9.35	170.57	238.39	149.60	MWD Run 6
119	10855.00	31.81	155.13	10821.15	231.74	-227.84	130.49	47.00	3.48	177.71	262.56	150.20	MWD Run 6
120	10903.00	34.45	145.11	10861.38	254.77	-250.48	143.58	48.00	12.65	177.71	288.71	150.18	MWD Run 6
121	10950.00	39.74	145.73	10898.85	278.59	-273.82	159.66	47.00	11.28	177.71	316.96	149.75	MWD Run 6
122	10998.00	44.11	143.58	10934.56	305.28	-299.95	178.23	48.00	9.58	156.29	348.91	149.28	MWD Run 7
123	11045.00	48.16	147.11	10967.13	333.74	-327.83	197.46	47.00	10.17	163.43	382.70	148.94	MWD Run 7
124	11091.00	54.17	148.96	10995.96	364.70	-358.23	216.39	46.00	13.43	163.43	418.51	148.86	MWD Run 7
125	11138.00	60.00	152.55	11021.49	399.70	-392.65	235.62	47.00	13.96	163.43	457.92	149.03	MWD Run 7
126	11186.00	63.41	158.77	11044.26	438.71	-431.14	252.99	48.00	13.44	163.43	499.89	149.60	MWD Run 7
127	11233.00	68.87	163.31	11063.27	479.75	-471.77	266.91	47.00	14.59	170.57	542.04	150.50	MWD Run 7
128	11281.00	73.64	166.64	11078.70	523.97	-515.66	278.67	48.00	11.91	170.57	586.14	151.61	MWD Run 7
129	11328.00	78.09	172.44	11090.18	569.00	-560.45	286.92	47.00	15.26	170.57	629.62	152.89	MWD Run 7
130	11375.00	83.49	177.12	11097.71	615.28	-606.62	291.12	47.00	15.12	170.57	672.86	154.36	MWD Run 7
131	11422.00	86.05	180.90	11101.99	662.06	-653.41	291.93	47.00	9.69	177.71	715.65	155.93	MWD Run 7
132	11470.00	86.24	180.54	11105.22	709.91	-701.29	291.33	48.00	0.85	177.71	759.40	157.44	MWD Run 7
133	11564.00	89.94	180.65	11108.35	803.76	-795.22	290.35	94.00	3.94	184.86	846.57	159.94	MWD Run 7
134	11658.00	89.30	180.42	11108.97	897.68	-889.21	289.47	94.00	0.72	184.86	935.14	161.97	MWD Run 7
135	11753.00	90.25	179.47	11109.35	992.64	-984.21	289.57	95.00	1.41	184.86	1025.92	163.61	MWD Run 7
136	11847.00	90.00	178.63	11109.14	1086.63	-1078.20	291.12	94.00	0.93	184.86	1116.81	164.89	MWD Run 7
137	11940.00	89.50	177.95	11109.55	1179.63	-1171.15	293.90	93.00	0.91	192.00	1207.47	165.91	MWD Run 7
138	12034.00	92.32	180.18	11108.06	1273.59	-1265.11	295.43	94.00	3.82	192.00	1299.15	166.86	MWD Run 7
139	12129.00	92.30	179.16	11104.23	1368.48	-1360.03	295.98	95.00	1.07	192.00	1391.87	167.72	MWD Run 7
140	12224.00	91.12	179.64	11101.39	1463.42	-1454.98	296.97	95.00	1.34	192.00	1484.98	168.46	MWD Run 7
141	12319.00	90.45	179.03	11100.09	1558.39	-1549.97	298.08	95.00	0.95	192.00	1578.37	169.11	MWD Run 7
142	12413.00	89.44	179.27	11100.18	1652.38	-1643.96	299.47	94.00	1.10	192.00	1671.01	169.68	MWD Run 7
143	12508.00	92.16	181.32	11098.85	1747.29	-1738.93	298.98	95.00	3.59	192.00	1764.45	170.24	MWD Run 7
144	12603.00	91.77	179.76	11095.60	1842.16	-1833.87	298.09	95.00	1.69	192.00	1857.94	170.77	MWD Run 7
145	12698.00	90.92	179.68	11093.37	1937.10	-1928.84	298.55	95.00	0.90	192.00	1951.81	171.20	MWD Run 7
146	12793.00	90.87	179.44	11091.88	2032.06	-2023.83	299.28	95.00	0.26	199.14	2045.83	171.59	MWD Run 7
147	12887.00	90.36	179.49	11090.87	2126.03	-2117.82	300.16	94.00	0.55	199.14	2138.98	171.93	MWD Run 7
148	12981.00	89.24	181.28	11091.20	2219.96	-2211.81	299.53	94.00	2.25	199.14	2232.00	172.29	MWD Run 7
149	13076.00	88.49	182.15	11093.08	2314.77	-2306.74	296.69	95.00	1.21	199.14	2325.75	172.67	MWD Run 7
150	13170.00	88.09	179.33	11095.89	2408.63	-2400.69	295.47	94.00	3.03	199.14	2418.80	172.98	MWD Run 7
151	13265.00	87.73	177.95	11099.35	2503.56	-2495.59	297.73	95.00	1.50	199.14	2513.29	173.20	MWD Run 7
152	13360.00	90.14	178.48	11101.12	2598.54	-2590.52	300.68	95.00	2.60	199.14	2607.91	173.38	MWD Run 7
153	13454.00	89.33	177.95	11101.55	2692.53	-2684.48	303.61	94.00	1.03	199.14	2701.59	173.55	MWD Run 7
154	13548.00	91.51	175.21	11100.87	2786.48	-2778.29	309.22	94.00	3.72	199.14	2795.45	173.65	MWD Run 7
155	13643.00	90.92	176.62	11098.85	2881.37	-2873.03	315.98	95.00	1.61	199.14	2890.35	173.72	MWD Run 7
156	13756.00	90.78	177.99	11097.17	2994.34	-2985.88	321.30	113.00	1.22	184.86	3003.12	173.86	MWD Run 8
157	13850.00	89.69	179.37	11096.79	3088.34	-3079.86	323.46	94.00	1.87	184.86	3096.79	174.00	MWD Run 8
158	13945.00	89.33	180.35	11097.60	3183.29	-3174.85	323.69	95.00	1.10	192.00	3191.31	174.18	MWD Run 8
159	14039.00	89.50	179.09	11098.56	3277.26	-3268.84	324.15	94.00	1.35	199.14	3284.88	174.34	MWD Run 8
160	14133.00	89.44	178.82	11099.43	3371.24	-3362.82	325.87	94.00	0.29	199.14	3378.57	174.47	MWD Run 8
161	14227.00	89.58	178.75	11100.23	3465.24	-3456.80	327.86	94.00	0.17	192.00	3472.31	174.58	MWD Run 8
162	14322.00	89.24	179.13	11101.21	3560.22	-3551.78	329.62	95.00	0.54	199.14	3567.04	174.70	MWD Run 8
163	14416.00	87.90	178.03	11103.56	3654.19	-3645.71	331.95	94.00	1.84	199.14	3660.80	174.80	MWD Run 8
164	14511.00	87.34	179.16	11107.50	3749.10	-3740.60	334.27	95.00	1.33	206.29	3755.51	174.89	MWD Run 8
165	14605.00	86.44	180.45	11112.60	3842.93	-3834.46	334.59	94.00	1.67	206.29	3849.03	175.01	MWD Run 8
166	14700.00	86.05	180.94	11118.83	3937.64	-3929.25	333.44	95.00	0.66	206.29	3943.37	175.15	MWD Run 8
167	14793.00	87.62	181.01	11123.96	4030.39	-4022.09	331.86	93.00	1.69	192.00	4035.76	175.28	MWD Run 9
168	14887.00	88.85	181.80	11126.85	4124.20	-4116.02	329.56	94.00	1.55	192.00	4129.19	175.42	MWD Run 9
169	14981.00	90.20	181.93	11127.63	4218.00	-4209.96	326.50	94.00	1.44	192.00	4222.60	175.57	MWD Run 9
170	15076.00	89.69	181.36	11127.73	4312.83	-4304.92	323.77	95.00	0.81	199.14	4317.08	175.70	MWD Run 9
171	15170.00	90.45	181.37	11127.61	4406.69	-4398.89	321.53	94.00	0.81	199.14	4410.63	175.82	MWD Run 9
172	15264.00	91.18	180.38	11126.27	4500.58	-4492.87	320.10	94.00	1.31	206.29	4504.26	175.92	MWD Run 9
173	15358.00	90.56	180.31	11124.85	4594.51	-4586.86	319.53	94.00	0.66	206.29	4597.97	176.02	MWD Run 9
174	15452.00	91.46	180.38	11123.19	4688.43	-4680.84	318.97	94.00	0.96	206.29	4691.70	176.10	MWD Run 9
175	15545.00	91.62	180.17	11120.69	4781.34	-4773.81	318.52	93.00	0.28	213.43	4784.42	176.18	MWD Run 9
176	15639.00	91.93	179.53	11117.78	4875.25	-4867.76	318.77	94.00	0.76	213.43	4878.19	176.25	MWD Run 9
177	15734.00	91.48	179.25	11114.95	4970.19	-4962.71	319.78	95.00	0.56	213.43	4973.00	176.31	MWD Run 9
178	15829.00	91.90	179.09	11112.15	5065.14	-5057.66	321.15	95.00	0.47	213.43	5067.85	176.37	MWD Run 9
179	15923.00	91.26	178.06	11109.56	5159.10	-5151.59	323.49	94.00	1.29	213.43	5161.74	176.41	MWD Run 9
180	16018.00	90.84	177.43	11107.82	5254.08	-5246.50	327.23	95.00	0.80	220.57	5256.70	176.43	MWD Run 9
181	16113.00	89.69	178.99	11107.38	5349.07	-5341.45	330.19	95.00	2.04	220.57	5351.65	176.46	MWD Run 9
182	16207.00	89.16	178.79	11108.32	5443.06	-5435.43	332.02	94.00	0.60	220.57	5445.56	176.50	MWD Run 9
183	16302.00	91.34	180.99	11107.91	5538.01	-5530.42	332.20	95.00	3.26	213.43	5540.38	176.56	MWD Run 9
184	16396.00	90.78	180.52	11106.17	5631.90	-5624.39	330.96	94.00	0.78	192.00	5634.12	176.63	MWD Run 9

185	16490.00	88.82	179.63	11106.50	5725.85	-5718.39	330.84	94.00	2.29	213.43	5727.95	176.69	MWD Run 9
186	16585.00	90.06	180.11	11107.42	5820.80	-5813.38	331.05	95.00	1.40	213.43	5822.80	176.74	MWD Run 9
187	16679.00	90.20	180.65	11107.21	5914.74	-5907.38	330.43	94.00	0.59	213.43	5916.61	176.80	MWD Run 9
188	16774.00	91.20	180.59	11106.05	6009.65	-6002.36	329.40	95.00	1.05	220.57	6011.39	176.86	MWD Run 9
189	16868.00	90.50	179.75	11104.66	6103.58	-6096.35	329.12	94.00	1.16	220.57	6105.23	176.91	MWD Run 9
190	16962.00	91.26	180.01	11103.21	6197.53	-6190.34	329.32	94.00	0.85	220.57	6199.09	176.95	MWD Run 9
191	17056.00	91.43	179.84	11101.01	6291.46	-6284.31	329.44	94.00	0.26	227.71	6292.94	177.00	MWD Run 9
192	17150.00	87.84	177.40	11101.60	6385.44	-6378.26	331.70	94.00	4.62	206.29	6386.88	177.02	MWD Run 9
193	17245.00	92.04	179.93	11101.70	6480.41	-6473.21	333.92	95.00	5.16	213.43	6481.81	177.05	MWD Run 9
194	17340.00	88.71	178.33	11101.08	6575.38	-6568.18	335.36	95.00	3.89	220.57	6576.73	177.08	MWD Run 9
195	17435.00	88.91	179.76	11103.06	6670.34	-6663.14	336.94	95.00	1.52	220.57	6671.65	177.11	MWD Run 9
196	17530.00	89.38	181.29	11104.47	6765.26	-6758.12	336.07	95.00	1.68	220.57	6766.47	177.15	MWD Run 9
197	17623.00	91.12	183.13	11104.07	6858.02	-6851.04	332.49	93.00	2.72	220.57	6859.11	177.22	MWD Run 9
198	17718.00	89.02	181.10	11103.95	6952.80	-6945.97	328.98	95.00	3.07	227.71	6953.76	177.29	MWD Run 9
199	17813.00	88.43	181.54	11106.07	7047.63	-7040.92	326.79	95.00	0.77	227.71	7048.50	177.34	MWD Run 9
200	17908.00	89.52	182.16	11107.76	7142.43	-7135.85	323.73	95.00	1.32	227.71	7143.19	177.40	MWD Run 9
201	18002.00	90.78	182.61	11107.52	7236.18	-7229.77	319.81	94.00	1.42	220.57	7236.84	177.47	MWD Run 9
202	18096.00	91.85	181.93	11105.36	7329.92	-7323.67	316.09	94.00	1.35	227.71	7330.49	177.53	MWD Run 9
203	18190.00	91.23	178.71	11102.83	7423.81	-7417.62	315.57	94.00	3.49	227.71	7424.33	177.56	MWD Run 9
204	18285.00	89.08	177.24	11102.58	7518.80	-7512.55	318.92	95.00	2.74	220.57	7519.32	177.57	MWD Run 9
205	18379.00	87.98	178.37	11104.99	7612.77	-7606.45	322.52	94.00	1.68	220.57	7613.28	177.57	MWD Run 9
206	18473.00	90.53	180.01	11106.21	7706.74	-7700.42	323.85	94.00	3.23	199.14	7707.23	177.59	MWD Run 10
207	18567.00	89.89	179.40	11105.87	7800.70	-7794.42	324.34	94.00	0.94	206.29	7801.16	177.62	MWD Run 10
208	18661.00	88.32	178.39	11107.33	7894.68	-7888.39	326.15	94.00	1.99	206.29	7895.13	177.63	MWD Run 10
209	18756.00	89.64	179.33	11109.03	7989.66	-7983.35	328.04	95.00	1.71	206.29	7990.09	177.65	MWD Run 10
210	18850.00	89.38	178.77	11109.83	8083.64	-8077.33	329.60	94.00	0.66	213.43	8084.05	177.66	MWD Run 10
211	18944.00	90.39	179.90	11110.02	8177.62	-8171.32	330.69	94.00	1.61	213.43	8178.01	177.68	MWD Run 10
212	19039.00	89.80	180.17	11109.86	8272.58	-8266.32	330.63	95.00	0.68	213.43	8272.93	177.71	MWD Run 10
213	19133.00	89.24	180.01	11110.65	8366.52	-8360.32	330.48	94.00	0.62	213.43	8366.85	177.74	MWD Run 10
214	19227.00	90.45	180.80	11110.90	8460.45	-8454.31	329.82	94.00	1.54	220.57	8460.74	177.77	MWD Run 10
215	19321.00	88.18	179.83	11112.03	8554.38	-8548.30	329.30	94.00	2.63	220.57	8554.64	177.79	MWD Run 10
216	19414.00	88.80	180.32	11114.48	8647.30	-8641.26	329.18	93.00	0.85	220.57	8647.53	177.82	MWD Run 10
217	19508.00	88.80	181.16	11116.45	8741.19	-8735.23	327.96	94.00	0.89	213.43	8741.39	177.85	MWD Run 10
218	19603.00	88.88	180.60	11118.37	8836.07	-8830.20	326.51	95.00	0.60	213.43	8836.24	177.88	MWD Run 10
219	19698.00	90.62	180.24	11118.78	8930.99	-8925.20	325.81	95.00	1.87	213.43	8931.14	177.91	MWD Run 10
220	19792.00	91.37	180.58	11117.15	9024.91	-9019.18	325.14	94.00	0.88	213.43	9025.04	177.94	MWD Run 10
221	19887.00	91.12	179.93	11115.09	9119.83	-9114.16	324.71	95.00	0.73	220.57	9119.94	177.96	MWD Run 10
222	19981.00	92.94	180.49	11111.76	9213.71	-9208.09	324.37	94.00	2.03	220.57	9213.80	177.98	MWD Run 10
223	20075.00	93.05	180.53	11106.85	9307.51	-9301.96	323.53	94.00	0.12	220.57	9307.58	178.01	MWD Run 10
224	20169.00	92.13	180.55	11102.60	9401.34	-9395.86	322.65	94.00	0.98	220.57	9401.40	178.03	MWD Run 10
225	20263.00	90.22	180.16	11100.67	9495.25	-9489.83	322.07	94.00	2.07	227.71	9495.30	178.06	MWD Run 10
226	20358.00	91.26	182.47	11099.44	9590.09	-9584.79	319.89	95.00	2.67	220.57	9590.13	178.09	MWD Run 10
227	20453.00	89.64	181.11	11098.70	9684.90	-9679.74	316.92	95.00	2.23	213.43	9684.92	178.12	MWD Run 10
228	20547.00	88.85	178.43	11099.94	9778.85	-9773.72	317.30	94.00	2.97	220.57	9778.87	178.14	MWD Run 10
229	20641.00	88.91	179.00	11101.77	9872.83	-9867.68	319.41	94.00	0.61	227.71	9872.84	178.15	MWD Run 10
230	20735.00	87.62	178.29	11104.62	9966.78	-9961.60	321.63	94.00	1.57	227.71	9966.80	178.15	MWD Run 10
231	20830.00	90.56	178.46	11106.13	10061.76	-10056.54	324.32	95.00	3.10	227.71	10061.77	178.15	MWD Run 10
232	20924.00	89.58	178.34	11106.01	10155.76	-10150.51	326.94	94.00	1.05	227.71	10155.77	178.16	MWD Run 10
233	21020.00	90.92	178.93	11105.59	10251.75	-10246.48	329.23	96.00	1.53	227.71	10251.76	178.16	MWD Run 10
234	21114.00	89.64	178.26	11105.14	10345.75	-10340.44	331.54	94.00	1.54	206.29	10345.76	178.16	MWD Run 10
235	21208.00	89.27	178.44	11106.03	10439.74	-10434.40	334.24	94.00	0.44	220.57	10439.75	178.17	MWD Run 10
236	21321.00	91.18	178.50	11105.59	10552.74	-10547.35	337.26	113.00	1.69	213.43	10552.74	178.17	MWD Run 11
237	21415.00	90.98	178.04	11103.81	10646.72	-10641.29	340.10	94.00	0.53	213.43	10646.73	178.17	MWD Run 11
238	21509.00	89.94	177.49	11103.06	10740.71	-10735.22	343.76	94.00	1.25	220.57	10740.72	178.17	MWD Run 11
239	21604.00	90.67	178.86	11102.55	10835.71	-10830.16	346.79	95.00	1.63	220.57	10835.72	178.17	MWD Run 11
240	21698.00	87.00	176.32	11104.46	10929.66	-10924.04	350.74	94.00	4.75	220.57	10929.67	178.16	MWD Run 11
241	21792.00	88.60	177.15	11108.07	11023.55	-11017.81	356.09	94.00	1.92	213.43	11023.57	178.15	MWD Run 11
242	21886.00	91.77	177.53	11107.77	11117.53	-11111.70	360.45	94.00	3.40	220.57	11117.54	178.14	MWD Run 11
243	21980.00	91.23	177.00	11105.31	11211.48	-11205.56	364.93	94.00	0.80	220.57	11211.50	178.13	MWD Run 11
244	22074.00	91.20	178.90	11103.32	11305.45	-11299.47	368.29	94.00	2.02	220.57	11305.47	178.13	MWD Run 11
245	22108.00	91.06	178.54	11102.65	11339.45	-11333.46	369.05	34.00	1.14	213.43	11339.47	178.13	MWD Run 11
PTB	22165.00	91.06	178.54	11101.59	11396.44	-11390.43	370.51	57.00	0.00	0.00	11396.45	178.14	MWD Run 11

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NMOCD Rec'd: 10/05/2020

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other				5. Lease Serial No. NMLC064894	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____				6. If Indian, Allottee or Tribe Name	
2. Name of Operator XTO PERMIAN OPERATING LLC Contact: CHERYL ROWELL E-Mail: Cheryl_rowell@xtoenergy.com				7. Unit or CA Agreement Name and No. 891000303X	
3. Address 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707		3a. Phone No. (include area code) Ph: 432.218-3754		8. Lease Name and Well No. POKER LAKE UNIT 20 BD 124H	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 20 T25S R30E Mer NMP SESW 955FSL 2005FWL 32.110905 N Lat, 103.905591 W Lon At top prod interval reported below Sec 29 T25S R30E Mer NMP NENW 248FNL 2294FWL 32.107602 N Lat, 103.904656 W Lon At total depth Sec 32 T25S R30E Mer NMP SESW 192FSL 2330FWL 32.079589 N Lat, 103.904540 W Lon				9. API Well No. 30-015-45623-00-S1	
14. Date Spudded 11/02/2019		15. Date T.D. Reached 12/10/2019		10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS) UNKNOWN	
		16. Date Completed ☐ D & A ☒ Ready to Prod. 08/19/2020		11. Sec., T., R., M., or Block and Survey or Area Sec 20 T25S R30E Mer NMP	
				12. County or Parish EDDY	
				13. State NM	
17. Elevations (DF, KB, RT, GL)* 3162 GL					
18. Total Depth: MD 22165 TVD 11102		19. Plug Back T.D.: MD 22158 TVD 11102		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RCB GR CCL				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
18.500	16.000 J55	75.0	0	820		2306		0	
14.375	11.750 J55	54.0	0	3550		1870		0	
10.625	8.625 L80	32.0	0	9565		1938		0	
7.875	5.500 P110	23.0	0	21160		2820		2272	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10422	10400						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP			11969 TO 22020	4.000	3220	ACTIVE/PRODUCING
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11969 TO 22020	531,988 BBLS FLUID, 24,966,607 LBS PROPPANT

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/19/2020	09/17/2020	24		1994.0	6084.0	4374.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI 822	Csg. Press. 430.0	24 Hr. Rate	Oil BBL 1994	Gas MCF 6084	Water BBL 4374	Gas:Oil Ratio 3051	Well Status PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #530750 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

AB 12/21/2020

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER	927	1167	SALT SALT SH, SS; OIL, WTR, GAS SS, LS; OIL WTR GAS SH; OIL WTR GAS		
TOP SALT	1167	3909			
BASE OF SALT	3909	4049			
DELAWARE	4049	7926			
BONE SPRING	7987	10701			
WOLFCAMP	10701				

32. Additional remarks (include plugging procedure):

KOP = 10440 ft

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #530750 Verified by the BLM Well Information System.

For XTO PERMIAN OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by JENNIFER SANCHEZ on 09/25/2020 (20JAS0300SE)

Name (please print) CHERYL ROWELLTitle REGULATORY COORDINATOR

Signature _____ (Electronic Submission)

Date 09/21/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

Revisions to Operator-Submitted EC Data for Well Completion #530750

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC064894	NMLC064894
Agreement:		891000303X (NMNM71016X)
Operator:	XTO PERMIAN OPERATING LLC 6401 HOLIDAY HILL, BLDG 5 MIDLAND, TX 79707 Ph: 432-218-3754	XTO PERMIAN OPERATING LLC 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707 Ph: 432.683 2277
Admin Contact:	CHERYL ROWELL REGULATORY COORDINATOR E-Mail: Cheryl_rowell@xtoenergy.com Ph: 432.218-3754	CHERYL ROWELL REGULATORY COORDINATOR E-Mail: Cheryl_rowell@xtoenergy.com Ph: 432.218-3754
Tech Contact:	CHERYL ROWELL REGULATORY COORDINATOR E-Mail: Cheryl_rowell@xtoenergy.com Ph: 432.218-3754	CHERYL ROWELL REGULATORY COORDINATOR E-Mail: Cheryl_rowell@xtoenergy.com Ph: 432.218-3754
Well Name: Number:	POKER LAKE UNIT 20 BD 124H	POKER LAKE UNIT 20 BD 124H
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 20 T25S R30E Mer NMP SESW 955FSL 2005FWL 32.110905 N Lat, 103.905591 W Lon	NM EDDY Sec 20 T25S R30E Mer NMP SESW 955FSL 2005FWL 32.110905 N Lat, 103.905591 W Lon
Field/Pool:	PURPLE SAGE; WOLFCAMP	PURPLE SAGE-WOLFCAMP (GAS)
Logs Run:	RCB/GR/CCL	RCB GR CCL
Producing Intervals - Formations:		WOLFCAMP
Porous Zones:	RUSTLER TOP SALT BASE SALT DELAWARE BONE SPRING WOLFCAMP	RUSTLER TOP SALT BASE OF SALT DELAWARE BONE SPRING WOLFCAMP
Markers:		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 12967

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
XTO PERMIAN OPERATING LLC. BUILDING 5 MIDLAND, TX79707	373075	12967	C-104C
6401 HOLIDAY HILL ROAD			
OCD Reviewer	Condition		
abustamante	None		