

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 ResourcesNMOCD Rec'd: 9/23/2020 Form C-104
Revised August 1, 2011Oil 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 373075	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30-015-45472	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 703H

II. ¹⁰ Surface Location

Ul or lot no. N	Section 20	Township 25S	Range 30E	Lot Idn	Feet from the 955	North/South Line South	Feet from the 1915	East/West line West	County Eddy
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

¹¹ Bottom Hole Location

UL or lot no. N	Section 32	Township 25S	Range 30E	Lot Idn	Feet from the 290	North/South line South	Feet from the 1636	East/West line West	County 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

IV. Well Completion Data

²¹ Spud Date 06/08/19	²² Ready Date 08/19/20	²³ TD 22836 MD 11749 TVD	²⁴ PBTB 22834 MD 11749 TVD	²⁵ Perforations 12648-22700	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
18.5	16	773	793		
14.75	11.75	3490	1781		
10.625	8.625	9600	1315		
7.875	5.5	22836	3150		
	2.875	11036			

V. Well Test Data

³¹ Date New Oil 8/20/20	³² Gas Delivery Date 8/20/20	³³ Test Date 9/19/20	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 1231	³⁶ Csg. Pressure 2670
³⁷ Choke Size	³⁸ Oil 1035	³⁹ Water 6220	⁴⁰ Gas 9984		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: John Garcia		
Title: REGULATORY COORDINATOR			Title: Petroleum Specialist		
E-mail Address: CHERYL_ROWELL@XTOENERGY.COM			Approval Date: 2/25/2021		
Date: 9/23/20		Phone: 432-218-3754			

10/27/2020ab

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

NMOCD Rec'd: 9/23/2020

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 30-015-45472	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 98220	⁵ Property Name POKER LAKE UNIT 20 BD	⁶ Well Number 703H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC	⁹ Elevation 3,161'

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	1,915	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		290	SOUTH	1,636	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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 GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 404,287.1 X= 632,498.3 LAT.= 32.110778°N LONG.= 103.905399°W K.O.P. NAD 27 NME Y= 404,262.5 X= 632,374.5 LAT.= 32.110712°N LONG.= 103.905799°W FIRST TAKE POINT NAD 27 NME Y= 403,112.0 X= 632,202.4 LAT.= 32.107551°N LONG.= 103.906369°W CORNER COORDINATES TABLE NAD 27 NME 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 CORNER COORDINATES TABLE NAD 83 NME 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 LAST TAKE POINT NAD 27 NME Y= 393,071.1 X= 632,263.2 LAT.= 32.079949°N LONG.= 103.906301°W BOTTOM HOLE LOCATION NAD 27 NME Y= 392,990.1 X= 632,264.6 LAT.= 32.079726°N LONG.= 103.906298°W GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 404,345.2 X= 673,683.2 LAT.= 32.110903°N LONG.= 103.905882°W K.O.P. NAD 83 NME Y= 404,320.6 X= 673,559.4 LAT.= 32.110837°N LONG.= 103.906282°W FIRST TAKE POINT NAD 83 NME Y= 403,170.1 X= 673,387.4 LAT.= 32.107676°N LONG.= 103.906852°W		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. Signature: <i>Cheryl Rowell</i> Date: 8/26/20 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: MARK DILLON HARP 23786 Professional Surveyor MARK DILLON HARP 23786 Certificate Number RR 2017071051
---	--	--

Intent ☐ As Drilled ☒

API # 30-015-45472		
Operator Name: XTO PERMIAN OPERATING LLC	Property Name: POKER LAKE UNIT 20 BD	Well Number 703H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	20	25S	30E		932	FNL	1792	FWL	EDDY
Latitude 32.110837					Longitude 103.906282				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	29	25S	30E		216	FNL	1614	FWL	EDDY
Latitude 32.107676					Longitude 103.906852				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	32	25S	30E		371	FSL	1635	FWL	EDDY
Latitude 32.080073					Longitude 103.906783				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 OPERATING LLC	Property Name: POKER LAKE UNIT 20 BD	Well Number 701H

KZ 06/29/2018



MWD SURVEY CERTIFICATION
Gordon Technologies, LLC

State Of New Mexico

County Of Eddy County, New Mexico

I, Marcus Mitcham certify that; I am employed by Gordon Technologies, LLC.;
that I did on the day(s) of June 4, 2019 through August 5, 2020 conduct
or supervise the taking of a MWD survey from a depth of 169 feet to a depth of
22,836 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 Energy Inc. for the
Poker Lake Unit 20 BD 163H Well, A.P.I. No. 30-015-45472 in
Corral Canyon; Bone Spring, S. 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 163H**
 County: **Eddy**
 State: **NM**
 Field: **Corral Canyon; Bone Spring, S.**
 API: **30-015-45472**
 Rig: **Nabors F26**
 Service Co: **Gordon Technologies, LLC**
 Job #: **GT190373**
 Survey Calc: **Minimum Curvature**

Well Surface Location
 Latitude: **32.11077844**
 Longitude: **-103.9053958**
 Reference: **NAD 1927**
 Y (Northing): **404287.10**
 X (Easting): **632498.30**
 Field Engr: **Justin Lewis**
Morgan Sparks

Report Date: **Oct 04 2019**
 Time: **12:10**
 Mag Reference: **Grid North**
 Mag Correction: **6.64**
 Vert Sect. Azi: **181.11**
 Perm Datum: **Mean Sea Level**
 Depth Ref: **Rotary Table**
 RKB Height: **31**
 GL Elev: **3162**

Survey	MD	Inc	Azimuth	TVD	VS	Rectangular Offsets		Course		Temp	Closure		Source
						NS	EW	Length	DLS		Distance	Azimuth	
Tie In	0	0	0	0	0	0	0	0	0	0	0	0	
1	169.00	0.26	248.98	169.00	0.14	-0.14	-0.36	169.00	0.15	0.00	0.38	248.98	Corr Svys
2	262.00	0.58	274.97	262.00	0.19	-0.17	-1.02	93.00	0.39	0.00	1.04	260.44	Corr Svys
3	357.00	0.65	248.60	356.99	0.37	-0.33	-2.00	95.00	0.30	0.00	2.03	260.72	Corr Svys
4	452.00	0.95	176.70	451.98	1.36	-1.31	-2.46	95.00	1.02	0.00	2.79	241.97	Corr Svys
5	547.00	1.27	185.20	546.97	3.19	-3.14	-2.51	95.00	0.38	0.00	4.02	218.60	Corr Svys
6	641.00	1.85	176.72	640.93	5.74	-5.70	-2.52	94.00	0.66	0.00	6.23	203.85	Corr Svys
7	732.00	2.67	172.06	731.86	9.30	-9.26	-2.14	91.00	0.92	0.00	9.51	193.02	Corr Svys
8	846.00	3.25	174.31	845.71	15.13	-15.11	-1.45	114.00	0.52	0.00	15.18	185.50	Corr Svys
9	942.00	2.22	184.50	941.60	19.69	-19.67	-1.33	96.00	1.18	0.00	19.71	183.87	Corr Svys
10	1036.00	1.11	210.51	1035.56	22.30	-22.27	-1.94	94.00	1.40	0.00	22.35	184.97	Corr Svys
11	1131.00	0.51	257.39	1130.55	23.20	-23.15	-2.82	95.00	0.89	0.00	23.33	186.93	Corr Svys
12	1226.00	0.92	330.99	1225.54	22.65	-22.58	-3.60	95.00	0.97	0.00	22.86	189.05	Corr Svys
13	1320.00	1.30	351.24	1319.52	20.94	-20.87	-4.13	94.00	0.58	0.00	21.27	191.19	Corr Svys
14	1414.00	0.98	351.31	1413.51	19.10	-19.02	-4.41	94.00	0.34	0.00	19.52	193.06	Corr Svys
15	1508.00	1.24	351.01	1507.49	17.31	-17.22	-4.69	94.00	0.28	0.00	17.85	195.24	Corr Svys
16	1603.00	1.29	352.05	1602.47	15.24	-15.14	-5.00	95.00	0.06	0.00	15.95	198.27	Corr Svys
17	1696.00	1.43	356.85	1695.44	13.05	-12.95	-5.21	93.00	0.19	0.00	13.96	201.91	Corr Svys
18	1790.00	1.23	340.18	1789.41	10.93	-10.83	-5.61	94.00	0.46	0.00	12.20	207.41	Corr Svys
19	1821.00	1.49	340.61	1820.41	10.25	-10.14	-5.86	31.00	0.84	0.00	11.71	210.04	Corr Svys
20	1916.00	1.61	346.40	1915.37	7.80	-7.67	-6.58	95.00	0.21	0.00	10.11	220.64	Corr Svys
21	2010.00	1.81	333.09	2009.33	5.21	-5.07	-7.57	94.00	0.47	0.00	9.11	236.20	Corr Svys
22	2095.00	1.91	340.67	2094.28	2.70	-2.53	-8.64	85.00	0.31	0.00	9.01	253.67	Corr Svys
23	2190.00	2.15	337.30	2189.22	-0.41	0.61	-9.86	95.00	0.28	0.00	9.87	273.52	Corr Svys
24	2285.00	2.11	324.52	2284.16	-3.45	3.67	-11.56	95.00	0.50	0.00	12.13	287.63	Corr Svys
25	2379.00	1.72	308.49	2378.11	-5.70	5.96	-13.67	94.00	0.70	0.00	14.91	293.57	Corr Svys
26	2472.00	1.74	276.21	2471.07	-6.67	6.98	-16.16	93.00	1.03	0.00	17.61	293.37	Corr Svys
27	2566.00	1.71	238.34	2565.03	-6.04	6.40	-18.78	94.00	1.19	0.00	19.84	288.83	Corr Svys
28	2661.00	1.27	196.55	2660.00	-4.25	4.65	-20.28	95.00	1.20	0.00	20.81	282.91	Corr Svys
29	2755.00	1.65	131.49	2753.97	-2.37	2.75	-19.56	94.00	1.70	0.00	19.76	278.01	Corr Svys
30	2850.00	2.14	92.14	2848.92	-1.45	1.78	-16.77	95.00	1.43	0.00	16.86	276.06	Corr Svys
31	2944.00	2.50	84.95	2942.85	-1.64	1.89	-12.97	94.00	0.49	0.00	13.11	278.31	Corr Svys
32	3039.00	2.03	100.63	3037.77	-1.59	1.77	-9.25	95.00	0.81	0.00	9.42	280.81	Corr Svys
33	3134.00	1.93	103.03	3132.72	-0.98	1.10	-6.04	95.00	0.14	0.00	6.14	280.28	Corr Svys
34	3228.00	1.99	102.72	3226.66	-0.32	0.38	-2.91	94.00	0.06	0.00	2.93	277.44	Corr Svys
35	3322.00	2.71	126.29	3320.58	1.29	-1.29	0.48	94.00	1.27	0.00	1.38	159.83	Corr Svys
36	3420.00	4.79	129.24	3418.37	5.15	-5.25	5.51	98.00	2.13	0.00	7.62	133.63	Corr Svys
37	3616.00	4.29	189.65	3613.86	17.46	-17.67	10.62	196.00	2.34	0.00	20.61	148.98	Corr Svys
38	3711.00	3.60	229.00	3708.65	22.97	-23.13	7.78	95.00	2.88	0.00	24.40	161.41	Corr Svys
39	3806.00	4.43	267.58	3803.43	25.20	-25.24	1.86	95.00	2.91	0.00	25.31	175.79	Corr Svys
40	3900.00	5.14	300.85	3897.12	23.33	-23.23	-5.38	94.00	3.00	0.00	23.85	193.05	Corr Svys
41	3994.00	5.46	312.90	3990.72	18.26	-18.03	-12.28	94.00	1.23	0.00	21.81	214.25	Corr Svys
42	4089.00	4.01	330.62	4085.40	12.39	-12.06	-17.22	95.00	2.15	0.00	21.02	235.00	Corr Svys
43	4183.00	3.42	340.87	4179.20	6.92	-6.54	-19.75	94.00	0.94	0.00	20.80	251.67	Corr Svys
44	4277.00	2.92	334.34	4273.06	1.90	-1.50	-20.53	94.00	1.41	0.00	20.58	265.81	Corr Svys
45	4372.00	2.13	43.23	4367.98	-1.83	2.20	-19.18	95.00	1.97	0.00	19.30	276.54	Corr Svys
46	4467.00	1.77	50.90	4462.92	-4.08	4.41	-16.83	95.00	0.47	0.00	17.40	284.68	Corr Svys
47	4561.00	1.60	48.23	4556.88	-5.91	6.20	-14.72	94.00	0.20	0.00	15.98	292.84	Corr Svys
48	4656.00	1.75	339.42	4651.85	-8.16	8.44	-14.24	95.00	2.00	0.00	16.56	300.65	Corr Svys

49	4750.00	5.53	286.83	4745.66	-10.73	11.10	-19.09	94.00	4.98	0.00	22.08	300.18	Corr Svys
50	4844.00	8.95	283.89	4838.90	-13.57	14.17	-30.52	94.00	3.66	0.00	33.65	294.90	Corr Svys
51	4939.00	8.92	282.60	4932.74	-16.67	17.55	-44.88	95.00	0.21	0.00	48.19	291.35	Corr Svys
52	5034.00	9.11	283.62	5026.57	-19.77	20.92	-59.38	95.00	0.26	0.00	62.96	289.41	Corr Svys
53	5128.00	7.73	274.84	5119.56	-21.79	23.21	-72.91	94.00	2.00	0.00	76.52	287.66	Corr Svys
54	5222.00	7.36	270.71	5212.75	-22.16	23.82	-85.23	94.00	0.70	0.00	88.50	285.61	Corr Svys
55	5316.00	7.11	270.67	5306.00	-22.08	23.96	-97.07	94.00	0.27	0.00	99.98	283.87	Corr Svys
56	5411.00	5.19	261.33	5400.45	-21.30	23.38	-107.20	95.00	2.27	0.00	109.72	282.30	Corr Svys
57	5505.00	4.64	254.10	5494.10	-19.47	21.70	-115.06	94.00	0.88	0.00	117.09	280.68	Corr Svys
58	5600.00	4.69	255.08	5588.79	-17.27	19.65	-122.51	95.00	0.10	0.00	124.07	279.11	Corr Svys
59	5694.00	3.24	239.90	5682.56	-14.83	17.32	-128.52	94.00	1.89	0.00	129.68	277.68	Corr Svys
60	5788.00	1.21	227.13	5776.49	-12.77	15.32	-131.55	94.00	2.21	0.00	132.43	276.64	Corr Svys
61	5883.00	0.53	199.99	5871.48	-11.65	14.22	-132.43	95.00	0.82	0.00	133.19	276.13	Corr Svys
62	5977.00	0.66	203.53	5965.47	-10.74	13.32	-132.80	94.00	0.14	0.00	133.46	275.73	Corr Svys
63	6072.00	0.60	198.65	6060.47	-9.76	12.34	-133.17	95.00	0.08	0.00	133.74	275.30	Corr Svys
64	6167.00	0.78	205.83	6155.46	-8.70	11.29	-133.61	95.00	0.21	0.00	134.09	274.83	Corr Svys
65	6261.00	0.79	195.52	6249.45	-7.49	10.09	-134.07	94.00	0.15	0.00	134.44	274.30	Corr Svys
66	6355.00	0.65	197.25	6343.44	-6.35	8.96	-134.40	94.00	0.15	0.00	134.70	273.81	Corr Svys
67	6450.00	0.67	196.72	6438.44	-5.30	7.91	-134.72	95.00	0.02	0.00	134.95	273.36	Corr Svys
68	6544.00	0.77	199.68	6532.43	-4.17	6.79	-135.09	94.00	0.11	0.00	135.26	272.88	Corr Svys
69	6637.00	0.92	198.79	6625.42	-2.87	5.49	-135.54	93.00	0.16	0.00	135.65	272.32	Corr Svys
70	6732.00	1.10	202.35	6720.40	-1.29	3.93	-136.13	95.00	0.20	0.00	136.19	271.65	Corr Svys
71	6825.00	0.48	142.23	6813.40	-0.15	2.79	-136.23	93.00	1.03	0.00	136.26	271.18	Corr Svys
72	6918.00	0.56	120.93	6906.39	0.37	2.25	-135.60	93.00	0.22	0.00	135.62	270.95	Corr Svys
73	7012.00	0.40	139.81	7000.39	0.85	1.77	-135.00	94.00	0.24	0.00	135.01	270.75	Corr Svys
74	7105.00	0.57	143.02	7093.39	1.46	1.15	-134.51	93.00	0.19	0.00	134.51	270.49	Corr Svys
75	7200.00	0.61	155.76	7188.38	2.29	0.31	-134.02	95.00	0.14	0.00	134.02	270.13	Corr Svys
76	7294.00	0.59	176.54	7282.38	3.22	-0.63	-133.78	94.00	0.23	0.00	133.78	269.73	Corr Svys
77	7389.00	0.74	200.20	7377.37	4.29	-1.69	-133.97	95.00	0.33	0.00	133.98	269.28	Corr Svys
78	7483.00	1.04	226.96	7471.36	5.46	-2.85	-134.80	94.00	0.54	0.00	134.83	268.79	Corr Svys
79	7578.00	0.87	277.76	7566.35	5.97	-3.34	-136.14	95.00	0.88	0.00	136.18	268.60	Corr Svys
80	7672.00	1.79	287.71	7660.32	5.47	-2.79	-138.25	94.00	1.01	0.00	138.28	268.84	Corr Svys
81	7767.00	1.47	277.03	7755.28	4.92	-2.19	-140.87	95.00	0.46	0.00	140.89	269.11	Corr Svys
82	7861.00	0.12	114.32	7849.27	4.84	-2.09	-141.98	94.00	1.69	0.00	141.99	269.16	Corr Svys
83	7956.00	0.50	146.21	7944.27	5.21	-2.47	-141.66	95.00	0.42	0.00	141.68	269.00	Corr Svys
84	8051.00	0.57	196.43	8039.27	6.01	-3.27	-141.56	95.00	0.48	0.00	141.60	268.68	Corr Svys
85	8145.00	0.51	213.88	8133.26	6.81	-4.06	-141.93	94.00	0.19	0.00	141.98	268.36	Corr Svys
86	8240.00	0.20	129.85	8228.26	7.27	-4.52	-142.03	95.00	0.56	0.00	142.11	268.18	Corr Svys
87	8335.00	0.23	88.78	8323.26	7.37	-4.62	-141.72	95.00	0.16	0.00	141.79	268.13	Corr Svys
88	8429.00	0.25	104.89	8417.26	7.41	-4.67	-141.33	94.00	0.07	0.00	141.41	268.11	Corr Svys
89	8523.00	0.06	42.76	8511.26	7.42	-4.69	-141.10	94.00	0.24	0.00	141.18	268.10	Corr Svys
90	8618.00	0.23	212.96	8606.26	7.55	-4.81	-141.17	95.00	0.30	0.00	141.25	268.05	Corr Svys
91	8712.00	0.23	239.49	8700.26	7.81	-5.07	-141.43	94.00	0.11	0.00	141.52	267.95	Corr Svys
92	8806.00	0.59	218.84	8794.26	8.29	-5.54	-141.90	94.00	0.41	0.00	142.01	267.76	Corr Svys
93	8901.00	0.76	216.20	8889.25	9.19	-6.43	-142.58	95.00	0.18	0.00	142.72	267.42	Corr Svys
94	8996.00	0.81	116.16	8984.25	9.99	-7.23	-142.35	95.00	1.27	0.00	142.53	267.09	Corr Svys
95	9091.00	1.30	98.41	9079.23	10.41	-7.69	-140.68	95.00	0.61	0.00	140.89	266.87	Corr Svys
96	9185.00	1.20	99.46	9173.21	10.69	-8.01	-138.65	94.00	0.11	0.00	138.88	266.70	Corr Svys
97	9280.00	1.52	117.88	9268.18	11.40	-8.76	-136.56	95.00	0.57	0.00	136.84	266.33	Corr Svys
98	9374.00	1.56	105.33	9362.15	12.28	-9.68	-134.22	94.00	0.36	0.00	134.57	265.88	Corr Svys
99	9469.00	1.48	110.55	9457.11	13.00	-10.45	-131.83	95.00	0.17	0.00	132.24	265.47	Corr Svys
100	9536.00	1.14	115.30	9524.10	13.56	-11.04	-130.41	67.00	0.53	0.00	130.88	265.16	Corr Svys
101	9668.00	0.28	174.69	9656.09	14.42	-11.92	-129.20	132.00	0.78	142.00	129.75	264.73	MWD Run 7
102	9763.00	0.73	162.45	9751.08	15.23	-12.73	-128.99	95.00	0.48	142.00	129.62	264.36	MWD Run 7
103	9857.00	1.06	179.79	9845.07	16.66	-14.17	-128.81	94.00	0.45	149.14	129.59	263.72	MWD Run 7
104	9951.00	1.12	179.99	9939.05	18.45	-15.96	-128.81	94.00	0.06	149.14	129.79	262.94	MWD Run 7
105	10046.00	0.28	139.82	10034.05	19.55	-17.06	-128.66	95.00	0.97	149.14	129.78	262.44	MWD Run 7
106	10140.00	0.09	108.44	10128.04	19.75	-17.26	-128.44	94.00	0.22	156.29	129.59	262.34	MWD Run 7
107	10234.00	0.17	22.61	10222.04	19.64	-17.16	-128.31	94.00	0.20	156.29	129.46	262.38	MWD Run 7
108	10329.00	0.34	29.56	10317.04	19.26	-16.78	-128.12	95.00	0.18	156.29	129.22	262.54	MWD Run 7
109	10423.00	0.38	79.78	10411.04	18.96	-16.49	-127.68	94.00	0.33	156.29	128.74	262.64	MWD Run 7
110	10517.00	0.47	134.29	10505.04	19.16	-16.70	-127.09	94.00	0.42	163.43	128.19	262.51	MWD Run 7
111	10612.00	0.69	137.78	10600.03	19.84	-17.39	-126.43	95.00	0.23	163.43	127.62	262.17	MWD Run 7
112	10706.00	0.90	138.61	10694.03	20.80	-18.37	-125.56	94.00	0.22	170.57	126.90	261.68	MWD Run 7
113	10801.00	0.98	146.54	10789.01	22.02	-19.61	-124.62	95.00	0.16	156.29	126.15	261.06	MWD Run 8
114	10895.00	1.35	147.02	10882.99	23.59	-21.20	-123.57	94.00	0.39	163.43	125.38	260.26	MWD Run 8
115	10989.00	1.03	178.73	10976.97	25.36	-22.98	-122.95	94.00	0.77	170.57	125.08	259.41	MWD Run 8
116	11018.00	1.05	181.27	11005.97	25.88	-23.50	-122.95	29.00	0.17	170.57	125.18	259.18	MWD Run 8

117	11085.00	1.99	237.36	11072.95	27.14	-24.75	-123.95	67.00	2.47	156.29	126.39	258.71	MWD Run 9
118	11132.00	6.75	222.52	11119.80	29.67	-27.22	-126.50	47.00	10.33	163.43	129.40	257.86	MWD Run 9
119	11180.00	11.50	211.69	11167.18	35.91	-33.38	-130.92	48.00	10.48	163.43	135.11	255.70	MWD Run 9
120	11227.00	16.65	213.00	11212.75	45.67	-43.02	-137.06	47.00	10.98	163.43	143.65	252.57	MWD Run 9
121	11274.00	21.27	214.98	11257.19	58.47	-55.66	-145.62	47.00	9.92	163.43	155.89	249.08	MWD Run 9
122	11321.00	24.81	211.91	11300.44	74.02	-71.02	-155.72	47.00	7.95	163.43	171.15	245.48	MWD Run 9
123	11369.00	27.19	208.11	11343.58	92.45	-89.24	-166.21	48.00	6.05	163.43	188.66	241.77	MWD Run 9
124	11416.00	30.03	204.65	11384.84	112.80	-109.41	-176.18	47.00	6.99	163.43	207.39	238.16	MWD Run 9
125	11462.00	31.49	200.14	11424.37	134.72	-131.15	-185.12	46.00	5.93	170.57	226.87	234.68	MWD Run 9
126	11509.00	35.29	198.34	11463.61	159.30	-155.58	-193.62	47.00	8.35	163.43	248.38	231.22	MWD Run 9
127	11557.00	38.98	199.21	11501.87	186.90	-183.00	-202.95	48.00	7.76	170.57	273.28	227.96	MWD Run 9
128	11604.00	43.84	200.90	11537.11	216.29	-212.19	-213.63	47.00	10.61	170.57	301.10	225.19	MWD Run 9
129	11651.00	48.65	201.95	11569.61	248.11	-243.77	-226.04	47.00	10.36	170.57	332.45	222.84	MWD Run 9
130	11698.00	50.09	202.16	11600.21	281.42	-276.83	-239.43	47.00	3.08	170.57	366.01	220.86	MWD Run 9
131	11745.00	53.93	200.46	11629.14	316.18	-311.34	-252.88	47.00	8.65	170.57	401.10	219.08	MWD Run 9
132	11792.00	58.71	198.08	11655.19	353.33	-348.25	-265.76	47.00	11.01	170.57	438.07	217.35	MWD Run 9
133	11840.00	62.99	195.31	11678.57	393.70	-388.40	-277.78	48.00	10.24	170.57	477.51	215.57	MWD Run 9
134	11887.00	64.83	193.78	11699.24	434.76	-429.25	-288.37	47.00	4.89	170.57	517.12	213.89	MWD Run 9
135	11934.00	68.94	193.72	11717.69	476.93	-471.23	-298.64	47.00	8.75	177.71	557.89	212.36	MWD Run 9
136	11981.00	70.85	190.86	11733.85	520.22	-514.35	-308.03	47.00	7.01	177.71	599.53	210.92	MWD Run 9
137	12028.00	74.89	188.08	11747.69	564.64	-558.64	-315.41	47.00	10.29	177.71	641.53	209.45	MWD Run 9
138	12075.00	80.34	186.06	11757.77	610.28	-604.18	-321.05	47.00	12.33	177.71	684.18	207.99	MWD Run 9
139	12122.00	85.65	183.45	11763.50	656.82	-650.65	-324.91	47.00	12.57	177.71	727.26	206.54	MWD Run 9
140	12216.00	88.43	178.95	11768.36	750.66	-744.47	-326.87	94.00	5.62	184.86	813.06	203.70	MWD Run 9
141	12311.00	89.27	176.75	11770.26	845.48	-839.37	-323.30	95.00	2.48	184.86	899.49	201.07	MWD Run 9
142	12406.00	92.21	176.68	11769.04	940.18	-934.20	-317.86	95.00	3.10	184.86	986.79	198.79	MWD Run 9
143	12500.00	91.34	174.74	11766.12	1033.71	-1027.89	-310.83	94.00	2.26	184.86	1073.86	196.83	MWD Run 9
144	12594.00	88.88	173.43	11765.94	1127.00	-1121.38	-301.15	94.00	2.96	184.86	1161.11	195.03	MWD Run 9
145	12688.00	89.10	175.52	11767.60	1220.35	-1214.92	-292.10	94.00	2.24	184.86	1249.54	193.52	MWD Run 9
146	12783.00	90.22	175.58	11768.16	1314.90	-1309.63	-284.73	95.00	1.18	184.86	1340.22	192.27	MWD Run 9
147	12877.00	90.67	175.60	11767.43	1408.46	-1403.35	-277.50	94.00	0.48	184.86	1430.52	191.19	MWD Run 9
148	12972.00	88.74	173.42	11767.92	1502.82	-1497.90	-268.41	95.00	3.06	184.86	1521.76	190.16	MWD Run 9
149	13066.00	90.56	175.55	11768.50	1596.18	-1591.46	-259.38	94.00	2.98	184.86	1612.45	189.26	MWD Run 9
150	13160.00	92.38	178.34	11766.09	1689.89	-1685.28	-254.37	94.00	3.54	184.86	1704.37	188.58	MWD Run 9
151	13255.00	92.05	178.35	11762.41	1784.71	-1780.17	-251.63	95.00	0.35	192.00	1797.86	188.05	MWD Run 9
152	13349.00	89.80	176.57	11760.90	1878.49	-1874.05	-247.46	94.00	3.05	192.00	1890.32	187.52	MWD Run 9
153	13443.00	91.26	177.87	11760.03	1972.27	-1967.93	-242.91	94.00	2.08	184.86	1982.87	187.04	MWD Run 9
154	13538.00	89.69	176.89	11759.24	2067.06	-2062.83	-238.56	95.00	1.95	192.00	2076.58	186.60	MWD Run 9
155	13632.00	88.91	179.31	11760.39	2160.92	-2156.76	-235.45	94.00	2.70	184.86	2169.57	186.23	MWD Run 9
156	13727.00	93.39	181.34	11758.48	2255.86	-2251.71	-235.98	95.00	5.18	184.86	2264.04	185.98	MWD Run 10
157	13821.00	93.05	181.62	11753.20	2349.71	-2345.53	-238.41	94.00	0.47	192.00	2357.62	185.80	MWD Run 10
158	13916.00	86.81	180.30	11753.32	2444.66	-2440.47	-240.00	95.00	6.71	184.86	2452.24	185.62	MWD Run 10
159	14010.00	90.31	180.81	11755.68	2538.61	-2534.42	-240.91	94.00	3.76	192.00	2545.84	185.43	MWD Run 10
160	14105.00	90.56	180.96	11754.96	2633.61	-2629.40	-242.38	95.00	0.31	192.00	2640.55	185.27	MWD Run 10
161	14199.00	88.99	181.24	11755.33	2727.60	-2723.38	-244.18	94.00	1.70	192.00	2734.31	185.12	MWD Run 10
162	14240.00	90.67	181.13	11755.45	2768.60	-2764.37	-245.03	41.00	4.11	177.71	2775.21	185.07	MWD Run 11
163	14334.00	90.00	179.48	11754.90	2862.59	-2858.37	-245.53	94.00	1.89	177.71	2868.89	184.91	MWD Run 11
164	14428.00	88.49	178.72	11756.14	2956.52	-2952.34	-244.05	94.00	1.80	184.86	2962.41	184.73	MWD Run 11
165	14522.00	89.97	180.79	11757.40	3050.47	-3046.33	-243.65	94.00	2.71	184.86	3056.05	184.57	MWD Run 11
166	14617.00	87.59	178.70	11759.42	3145.41	-3141.29	-243.23	95.00	3.33	192.00	3150.69	184.43	MWD Run 11
167	14712.00	90.95	179.98	11760.63	3240.35	-3236.26	-242.14	95.00	3.78	192.00	3245.31	184.28	MWD Run 11
168	14806.00	89.64	181.93	11760.15	3334.34	-3330.24	-243.70	94.00	2.50	192.00	3339.15	184.19	MWD Run 11
169	14901.00	90.84	180.82	11759.75	3429.33	-3425.21	-245.98	95.00	1.72	192.00	3434.03	184.11	MWD Run 11
170	14996.00	90.28	180.19	11758.82	3524.32	-3520.20	-246.82	95.00	0.89	192.00	3528.84	184.01	MWD Run 11
171	15090.00	89.75	177.26	11758.80	3618.23	-3614.17	-244.73	94.00	3.17	199.14	3622.44	183.87	MWD Run 11
172	15184.00	89.52	178.87	11759.40	3712.09	-3708.11	-241.55	94.00	1.73	199.14	3715.97	183.73	MWD Run 11
173	15279.00	89.22	178.05	11760.44	3806.98	-3803.07	-239.00	95.00	0.92	199.14	3810.57	183.60	MWD Run 11
174	15372.00	89.44	177.34	11761.53	3899.81	-3895.98	-235.26	93.00	0.80	199.14	3903.08	183.46	MWD Run 11
175	15467.00	91.48	177.84	11760.77	3994.62	-3990.89	-231.27	95.00	2.21	199.14	3997.59	183.32	MWD Run 11
176	15562.00	90.78	175.99	11758.89	4089.35	-4085.73	-226.16	95.00	2.08	199.14	4091.99	183.17	MWD Run 11
177	15656.00	89.75	175.59	11758.46	4182.94	-4179.48	-219.25	94.00	1.18	199.14	4185.22	183.00	MWD Run 11
178	15751.00	90.62	177.53	11758.15	4277.63	-4274.30	-213.55	95.00	2.24	199.14	4279.63	182.86	MWD Run 11
179	15844.00	88.82	182.10	11758.61	4370.58	-4367.27	-213.25	93.00	5.28	199.14	4372.47	182.80	MWD Run 11
180	15939.00	90.39	182.03	11759.26	4465.56	-4462.20	-216.68	95.00	1.65	206.29	4467.46	182.78	MWD Run 11
181	16034.00	88.85	182.96	11759.89	4560.53	-4557.11	-220.81	95.00	1.89	199.14	4562.45	182.77	MWD Run 11
182	16128.00	89.89	181.66	11760.93	4654.50	-4651.02	-224.60	94.00	1.77	192.00	4656.44	182.76	MWD Run 11
183	16223.00	88.88	180.25	11761.95	4749.49	-4746.00	-226.18	95.00	1.83	199.14	4751.38	182.73	MWD Run 11
184	16317.00	88.07	181.48	11764.45	4843.45	-4839.95	-227.60	94.00	1.57	199.14	4845.30	182.69	MWD Run 11

185	16411.00	87.90	182.10	11767.75	4937.39	-4933.85	-230.54	94.00	0.68	206.29	4939.23	182.68	MWD Run 11
186	16506.00	88.96	182.39	11770.36	5032.33	-5028.74	-234.26	95.00	1.16	199.14	5034.19	182.67	MWD Run 11
187	16600.00	90.03	181.53	11771.18	5126.31	-5122.68	-237.47	94.00	1.46	206.29	5128.18	182.65	MWD Run 11
188	16695.00	90.76	179.75	11770.53	5221.30	-5217.66	-238.53	95.00	2.03	206.29	5223.11	182.62	MWD Run 11
189	16790.00	88.85	177.69	11770.85	5316.21	-5312.63	-236.41	95.00	2.96	213.43	5317.89	182.55	MWD Run 11
190	16884.00	90.78	178.06	11771.16	5410.06	-5406.56	-232.93	94.00	2.09	206.29	5411.57	182.47	MWD Run 11
191	16978.00	91.01	177.05	11769.69	5503.86	-5500.46	-228.92	94.00	1.10	206.29	5505.22	182.38	MWD Run 11
192	17073.00	91.88	177.18	11767.29	5598.60	-5595.31	-224.14	95.00	0.93	206.29	5599.80	182.29	MWD Run 11
193	17167.00	88.96	179.39	11766.60	5692.47	-5689.25	-221.32	94.00	3.90	206.29	5693.55	182.23	MWD Run 11
194	17262.00	89.64	180.28	11767.76	5787.44	-5784.24	-221.05	95.00	1.18	213.43	5788.46	182.19	MWD Run 11
195	17356.00	91.01	180.78	11767.23	5881.43	-5878.23	-221.92	94.00	1.55	213.43	5882.42	182.16	MWD Run 11
196	17450.00	89.33	180.69	11766.95	5975.42	-5972.22	-223.13	94.00	1.79	213.43	5976.39	182.14	MWD Run 11
197	17545.00	90.42	180.57	11767.16	6070.42	-6067.21	-224.17	95.00	1.15	213.43	6071.35	182.12	MWD Run 11
198	17640.00	90.03	180.36	11766.79	6165.41	-6162.21	-224.94	95.00	0.47	213.43	6166.31	182.09	MWD Run 11
199	17734.00	88.77	180.69	11767.77	6259.40	-6256.20	-225.80	94.00	1.39	206.29	6260.27	182.07	MWD Run 12
200	17829.00	89.10	179.61	11769.54	6354.37	-6351.18	-226.05	95.00	1.19	206.29	6355.20	182.04	MWD Run 12
201	17924.00	87.84	179.29	11772.07	6449.29	-6446.14	-225.14	95.00	1.37	206.29	6450.07	182.00	MWD Run 12
202	18019.00	87.39	181.21	11776.03	6544.19	-6541.05	-225.55	95.00	2.07	206.29	6544.94	181.97	MWD Run 12
203	18113.00	89.58	180.84	11778.51	6638.15	-6635.00	-227.23	94.00	2.36	206.29	6638.89	181.96	MWD Run 12
204	18207.00	92.52	182.64	11776.79	6732.12	-6728.92	-230.09	94.00	3.67	206.29	6732.86	181.96	MWD Run 12
205	18301.00	88.80	180.01	11775.71	6826.09	-6822.87	-232.26	94.00	4.85	213.43	6826.82	181.95	MWD Run 12
206	18396.00	91.62	184.00	11775.36	6921.05	-6917.78	-235.58	95.00	5.14	213.43	6921.79	181.95	MWD Run 12
207	18491.00	89.27	183.44	11774.62	7015.94	-7012.57	-241.74	95.00	2.54	213.43	7016.74	181.97	MWD Run 12
208	18585.00	90.45	185.13	11774.85	7109.79	-7106.30	-248.77	94.00	2.19	213.43	7110.66	182.00	MWD Run 12
209	18680.00	89.83	183.91	11774.62	7204.62	-7201.00	-256.25	95.00	1.44	213.43	7205.56	182.04	MWD Run 12
210	18774.00	91.48	182.96	11773.54	7298.53	-7294.83	-261.88	94.00	2.03	213.43	7299.52	182.06	MWD Run 12
211	18868.00	88.43	181.96	11773.62	7392.49	-7388.73	-265.92	94.00	3.41	213.43	7393.51	182.06	MWD Run 12
212	18962.00	87.90	181.30	11776.63	7486.44	-7482.64	-268.59	94.00	0.90	213.43	7487.46	182.06	MWD Run 12
213	19056.00	89.89	179.77	11778.44	7580.41	-7576.61	-269.47	94.00	2.67	220.57	7581.40	182.04	MWD Run 12
214	19151.00	89.27	178.10	11779.14	7675.33	-7671.59	-267.70	95.00	1.88	220.57	7676.26	182.00	MWD Run 12
215	19245.00	89.66	176.42	11780.01	7769.11	-7765.47	-263.21	94.00	1.83	213.43	7769.93	181.94	MWD Run 12
216	19339.00	89.16	175.46	11780.98	7862.73	-7859.23	-256.56	94.00	1.15	213.43	7863.42	181.87	MWD Run 12
217	19483.00	89.33	177.42	11782.88	8006.23	-8002.93	-247.61	144.00	1.37	213.43	8006.76	181.77	MWD Run 12
218	19560.00	89.55	178.34	11783.63	8083.10	-8079.88	-244.77	77.00	1.23	213.43	8083.58	181.74	MWD Run 12
219	19655.00	89.86	179.21	11784.12	8178.02	-8174.85	-242.74	95.00	0.97	220.57	8178.45	181.70	MWD Run 12
220	19750.00	90.59	179.10	11783.75	8272.96	-8269.84	-241.33	95.00	0.78	220.57	8273.36	181.67	MWD Run 12
221	19845.00	91.65	180.57	11781.89	8367.92	-8364.82	-241.06	95.00	1.91	220.57	8368.29	181.65	MWD Run 12
222	19906.00	90.73	180.65	11780.62	8428.90	-8425.80	-241.71	61.00	1.51	220.57	8429.27	181.64	MWD Run 12
223	20000.00	93.11	180.89	11777.47	8522.84	-8519.73	-242.97	94.00	2.54	220.57	8523.20	181.63	MWD Run 12
224	20094.00	92.66	180.82	11772.74	8616.72	-8613.60	-244.37	94.00	0.48	220.57	8617.07	181.63	MWD Run 12
225	20189.00	87.95	175.70	11772.24	8711.54	-8708.50	-241.49	95.00	7.32	220.57	8711.85	181.59	MWD Run 12
226	20284.00	90.73	174.47	11773.33	8806.00	-8803.13	-233.35	95.00	3.20	220.57	8806.22	181.52	MWD Run 12
227	20379.00	91.06	176.71	11771.85	8900.54	-8897.83	-226.05	95.00	2.38	220.57	8900.70	181.46	MWD Run 12
228	20474.00	91.12	177.16	11770.04	8995.27	-8992.68	-220.97	95.00	0.48	220.57	8995.39	181.41	MWD Run 12
229	20567.00	89.89	176.78	11769.22	9088.02	-9085.54	-216.05	93.00	1.38	220.57	9088.11	181.36	MWD Run 12
230	20662.00	90.84	175.37	11768.62	9182.65	-9180.32	-209.55	95.00	1.79	220.57	9182.71	181.31	MWD Run 12
231	20756.00	90.22	177.89	11767.75	9276.35	-9274.14	-204.03	94.00	2.76	220.57	9276.38	181.26	MWD Run 12
232	20851.00	91.57	176.72	11766.26	9371.13	-9369.02	-199.56	95.00	1.88	220.57	9371.15	181.22	MWD Run 12
233	20945.00	91.09	179.11	11764.08	9464.95	-9462.93	-196.14	94.00	2.59	220.57	9464.96	181.19	MWD Run 12
234	21039.00	89.75	178.82	11763.39	9558.88	-9556.91	-194.44	94.00	1.46	220.57	9558.88	181.17	MWD Run 12
235	21134.00	90.22	179.14	11763.42	9653.81	-9651.89	-192.75	95.00	0.60	220.57	9653.81	181.14	MWD Run 12
236	21230.00	86.56	179.93	11766.11	9749.72	-9747.83	-191.97	96.00	3.90	220.57	9749.72	181.13	MWD Run 12
237	21324.00	90.00	180.04	11768.93	9843.65	-9841.78	-191.95	94.00	3.66	220.57	9843.65	181.12	MWD Run 12
238	21419.00	88.68	179.88	11770.03	9938.62	-9936.77	-191.88	95.00	1.40	220.57	9938.62	181.11	MWD Run 12
239	21513.00	89.27	179.60	11771.71	10032.58	-10030.75	-191.46	94.00	0.69	220.57	10032.58	181.09	MWD Run 12
240	21608.00	88.26	183.29	11773.76	10127.54	-10125.68	-193.85	95.00	4.03	220.57	10127.54	181.10	MWD Run 12
241	21712.00	89.55	183.55	11775.74	10231.43	-10229.47	-200.05	104.00	1.27	227.71	10231.43	181.12	MWD Run 12
242	21830.00	90.28	183.02	11775.92	10349.34	-10347.28	-206.82	118.00	0.76	227.71	10349.35	181.15	MWD Run 12
243	21892.00	94.15	182.92	11773.52	10411.25	-10409.14	-210.02	62.00	6.24	227.71	10411.26	181.16	MWD Run 12
244	21987.00	93.17	182.77	11767.46	10506.01	-10503.83	-214.73	95.00	1.04	206.29	10506.02	181.17	MWD Run 13
245	22082.00	93.39	182.63	11762.02	10600.82	-10598.57	-219.20	95.00	0.27	213.43	10600.83	181.18	MWD Run 13
246	22175.00	93.28	182.58	11756.61	10693.63	-10691.31	-223.42	93.00	0.13	213.43	10693.65	181.20	MWD Run 13
247	22270.00	90.00	181.90	11753.90	10788.56	-10786.19	-227.13	95.00	3.53	213.43	10788.58	181.21	MWD Run 13
248	22363.00	90.76	182.61	11753.28	10881.54	-10879.11	-230.79	93.00	1.12	220.57	10881.56	181.22	MWD Run 13
249	22457.00	90.53	181.39	11752.22	10975.52	-10973.05	-234.07	94.00	1.32	220.57	10975.54	181.22	MWD Run 13
250	22552.00	90.95	180.63	11750.99	11070.51	-11068.02	-235.74	95.00	0.91	220.57	11070.53	181.22	MWD Run 13
251	22646.00	89.75	179.32	11750.42	11164.49	-11162.02	-235.70	94.00	1.89	220.57	11164.51	181.21	MWD Run 13
252	22741.00	90.20	179.04	11750.46	11259.43	-11257.01	-234.34	95.00	0.56	227.71	11259.45	181.19	MWD Run 13

253	22781.00	91.18	178.62	11749.98	11299.40	-11297.00	-233.52	40.00	2.67	227.71	11299.41	181.18	MWD Run 13
PTB	22836.00	91.18	178.62	11748.85	11354.34	-11351.97	-232.20	55.00	0.00	0.00	11354.34	181.17	MWD Run 13



Form 3160-4
(August 2007)

UNITED STATES NMOC Rec'd: 10/05/2020
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC064894

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other						6. If Indian, Allottee or Tribe Name	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____						7. Unit or CA Agreement Name and No. 891000303X	
2. Name of Operator XTO PERMIAN OPERATING LLC Contact: CHERYL ROWELL E-Mail: Cheryl_rowell@xtoenergy.com						8. Lease Name and Well No. POKER LAKE UNIT 20 BD 703H	
3. Address 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707				3a. Phone No. (include area code) Ph: 432.218-3754		9. API Well No. 30-015-45472-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 20 T25S R30E Mer NMP At surface SENW 955FSL 1915FWL 32.110903 N Lat, 103.905882 W Lon Sec 29 T25S R30E Mer NMP At top prod interval reported below NENW 216FNL 1614FWL 32.107676 N Lat, 103.906852 W Lon Sec 32 T25S R30E Mer NMP At total depth SESW 290FSL 1636FWL 32.079851 N Lat, 103.906779 W Lon						10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)	
						UNKNOWN	
						11. Sec., T., R., M., or Block and Survey or Area Sec 20 T25S R30E Mer NMP	
						12. County or Parish 13. State EDDY NM	
14. Date Spudded 06/08/2019		15. Date T.D. Reached 08/05/2019		16. Date Completed ☐ D & A ☒ Ready to Prod. 08/19/2020		17. Elevations (DF, KB, RT, GL)* 3161 GL	
18. Total Depth: MD 22836 TVD 11748		19. Plug Back T.D.: MD 22834 TVD 11748		20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RCG 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)

[illegible]

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	11036	11036						

25. Producing Intervals

20. Producing Intervals			20. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP			12648 TO 22700	4.000	3244	ACTIVE/PRODUCING
B)						
C)						
D)						

26. Perforation Record

20. Producing Intervals			20. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP			12648 TO 22700	4.000	3244	ACTIVE/PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12648 TO 22700	522,149 BBLS FLUID, 25,137,930 LBS PROPPANT

28. Production - Interval A

Date First Produced 08/18/2020	Test Date 09/19/2020	Hours Tested 24	Test Production 	Oil BBL 1035.0	Gas MCF 10333.0	Water BBL 6220.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI 1231	Csg. Press. 2670.0	24 Hr. Rate 	Oil BBL 1035	Gas MCF 10333	Water BBL 6220	Gas:Oil Ratio 9984	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 #531333 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

10/27/2020 ab

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 TOP SALT BASE OF SALT DELAWARE BONE SPRING WOLFCAMP	463 892 3482 3572 7462 10705	892 3482 3572 7462 10705	SALT SALT SH, SS; OIL, WTR, GAS SS, LS; OIL, WTR, GAS SH; OIL, WTR, GAS		

32. Additional remarks (include plugging procedure):

KOP = 11075

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 #531333 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 (20JAS0299SE)

Name (please print) CHERYL ROWELLTitle REGULATORY COORDINATOR

Signature _____ (Electronic Submission)

Date 09/23/2020

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 #531333

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC064894	NMLC064894
Agreement:		891000303X (NMNM71016X)
Operator:	XTO PERMIAN OPERATING, LLC 6401 HOLIDAY HILL RD, 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 703H	POKER LAKE UNIT 20 BD 703H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 20 T25S R30E Mer NMP	Sec 20 T25S R30E Mer NMP
Surf Loc:	SE NW 955FSL 1915FWL 32.110903 N Lat, 103.905882 W Lon	SE NW 955FSL 1915FWL 32.110903 N Lat, 103.905882 W Lon
Field/Pool:	PURPLE SAGE; WOLFCAMP	PURPLE SAGE-WOLFCAMP (GAS)
Logs Run:	RCG/GR/CCL	RCG GR CCL
Producing Intervals - Formations:		WOLFCAMP
Porous Zones:	RUSTLER TOP OF SALT BASE OF 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 18972

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
XTO PERMIAN OPERATING LLC. BUILDING 5 MIDLAND, TX79707	373075	18972	C-104C
6401 HOLIDAY HILL ROAD			
OCD Reviewer	Condition		
jagarcia	None		