Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBS OCD
MAY 08 2018
RECEIVED

5. Lease Serial No. NMNM0381550C

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM135131

2. Name of Operator XTO ENERGY INCORPORATED
Contact: TESSA FITZHUGH
E-Mail: tessa_fitzhugh@xtoenergy.com

8. Lease Name and Well No. PERLA NEGRA FEDERAL COM 6H

3. Address 6401 HOLIDAY HILL ROAD BLDG 5
MIDLAND, TX 79707

3a. Phone No. (include area code) Ph: 432-620-4336

9. API Well No. 30-025-43811-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SESW 440FSL 2010FWL 32.639786 N Lat, 103.515816 W Lon

At top prod interval reported below SESW 1034FSL 1948FWL 32.641163 N Lat, 103.515862 W Lon

At total depth NENW 194FNL 1874FEL 32.652554 N Lat, 103.516228 W Lon

10. Field and Pool, or Exploratory BONE SPRINGS

11. Sec., T., R., M., or Block and Survey or Area Sec 24 T19S R34E Mer NMP

12. County or Parish LEA

13. State NM

14. Date Spudded 10/23/2017

15. Date T.D. Reached 11/15/2017

16. Date Completed ☐ D & A ☒ Ready to Prod. 02/01/2018

17. Elevations (DF, KB, RT, GL)* 3788 GL

18. Total Depth: MD 14055 TVD 9611

19. Plug Back T.D.: MD 14033 TVD 9611

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
RCBL 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1895		1655		0	
12.250	9.625 J-55	40.0	0	4044		1184		0	
8.500	5.500 CYP-110	17.0	0	14035		1770		3000	

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	8893							

25. Producing Intervals

26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	8228	9611	10004 TO 13871	0.000		ACTIVE, PRODUCING
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
10004 TO 13871	FRAC IN 24 STAGES W/ 23159 GALS ACID, 9764360 LBS PROPPANT & 8478188 GALS FLUID

ACCEPTED FOR RECORD
MAY – 4 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
02/08/2018	03/08/2018	24	→	927.0	900.0	1270.0	77.3		GAS LIFT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→	927	900	1270	970	POW

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 #411900 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due: 08/01/2018

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	1826	2084		RUSTLER	1826
SALADO	2084	3286		SALADO	2084
YATES	3506	4054		YATES	3506
GRAYBURG-SAN ANDRES	5258	6366	WATER & OIL	GRAYBURG-SAN ANDRES	5258
DELAWARE	6366	6686	WATER & OIL	DELAWARE	6366
BRUSHY CANYON	6686	8228	WATER & OIL	BRUSHY CANYON	6686
BONE SPRING	8228	9653	OIL	BONE SPRING	8228
BONE SPRING 1ST	9653	9611	OIL	BONE SPRING 1ST	9653

32. Additional remarks (include plugging procedure):

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 #411900 Verified by the BLM Well Information System.
For XTO ENERGY INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by DUNCAN WHITLOCK on 04/23/2018 (18DW0137SE)

Name *(please print)* TESSA FITZHUGH Title REG. ANALYST

Signature (Electronic Submission) Date 04/20/2018

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 fradulent statements or representations as to any matter within its jurisdiction.

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, 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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
XTO Energy Inc. 6401 Holiday Hill Rd. Bldg 5 Midland, TX 79707	005380
	[3] Reason for Filing Code/Effective Date RT/40,000 bbls

[4] API Number	[5] Pool Name	[6] Pool Code
30-0 025-43811	Lea; Bone Spring	37570
[7] Property Code	[8] Property Name	[9] Well Number
39834	Perla Negra Federal Com	6H

II. [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	24	19S	34E		440	South	2010	West	Lea

[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
C	24	19S	34E		194	North	187	West	Lea

[12] Lse Code	[13] Producing Method Code	[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
195739	Plains Pipeline	O
24650	Targa Midstream Services Limited Partnership	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
10/23/2017	02/01/2018	14055	14033	10004-13871	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17 1/2	13 3/8	1895	1655
12 1/4	9 5/8	4044	1184
8 3/4 / 8 1/2	5 1/2	14035	1770
	2 7/8	8893	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
[37] Choke Size	[38] Oil	[39] Water	[40] Gas		[41] Test Method

[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.	OIL CONSERVATION DIVISION
Signature:	Approved by:
Printed name: Tessa Fitzhugh	Title:
Title: Regulatory Analyst	Approval Date:
E-mail Address: tessa_fitzhugh@xtoenergy.com	
Date: 04/20/2018 Phone: 432-620-4336	

5D Survey Report

Weatherford

XTO ENERGY

Perla Negra Federal Com 6H

Field Name: XTO Lea Co, NM (NAD 27 NME)	**Map Units:** US ft — **Company Name:** XTO Energy **Vertical Reference Datum (VRD):** Mean Sea Level **Projected Coordinate System:** NAD27 / New Mexico East **Comment:**

Site: Perla Negra Federal Com 6H	**Units:** US ft	**North Reference:** Grid	**Convergence Angle:** 0.44
	Position:	**Northing:** 597390.20 US ft	**Latitude:** 32° 38' 22.79"
		Easting: 751804.80 US ft	**Longitude:** -103° 30' 55.18"
	Elevation above MSL: 3788.00 US ft		
	Comment:		

Slot: Perla Negra Federal Com 6H	**Position (Relative to Site Centre)**		
	+N/-S: 0.00 US ft	**Northing:** 597390.20 US ft	**Latitude:** 32°38'22.79"
	+E/-W: 0.00 US ft	**Easting:** 751804.80 US ft	**Longitude:** -103°30'55.18"
	Elevation above MSL: 3788.00 US ft		
	Comment:		

Well: Perla Negra Federal Com 6H	**Type:** Main well		**UWI:**
	File Number:	**Comment:**	
	Closure Distance: 4654.74US ft		**Closure Azimuth:** 357.82°
	Vertical Section: Position of Origin (Relative to Slot centre)		
	+N/-S: 0.00 US ft	**+E/-W:** -0.00 US ft	**Az:** 358.01°

Drill floor: Survey Name: Definitive Survey

Rig Height (Well TVD Reference):	**Elevation above MSL:**	**Inclination:**	**Azimuth:**
26.50US ft	3814.50US ft	0.00°	0.00°

Survey Name: Definitive Survey

Date:	**Survey Tool:**	**Comment:**	**Company:**
23/Sep/2017	*See Survey Tool Ranges below.*		

Magnetic Model:

Model Name:	**Date:**	**Field Strength:**	**Declination:**	**Dip:**
bggm2017	23/Sep/2017	48257.9nT	6.97°	60.46°

Tie Point:

MD:	**Inclination:**	**Azimuth:**	**TVD:**	**North Offset:**	**East Offset:**
0.00 US ft	0.00°	0.00°	0.00 US ft	0.00 US ft	-0.00 US ft

Survey Tool Ranges:

Name	Start MD(USFt)	End MD(USFt)	Source Survey
MWD	0.00	1827.00	WFT MWD SVY_1
MWD	1827.00	3987.00	WFT MWD SVY_2
MWD	3987.00	8991.00	WFT MWD SVY_3

5D Survey Report

Survey Tool Ranges:

Name	Start MD(USFt)	End MD(USFt)	Source Survey
MWD	8991.00	9216.00	WFT MWD SVY_4
MWD	9216.00	9751.00	WFT MWD SVY_5
MWD	9751.00	14055.00	WFT MWD SVY_6

Casing Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
1895.00	0.47	128.98	1894.91	6.18	1.58	597396.38	751806.38	13 3/8 in

Wellpath created using minimum curvature.

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	-0.00	597390.20	751804.80	0.00	
26.50	0.00	0.00	26.50	0.00	0.00	-0.00	597390.20	751804.80	0.00	
174.00	0.93	320.30	173.99	0.95	0.92	-0.76	597391.12	751804.04	0.63	
258.00	1.02	325.73	257.98	2.12	2.06	-1.62	597392.26	751803.18	0.15	
348.00	0.76	338.47	347.97	3.36	3.28	-2.29	597393.48	751802.51	0.36	
440.00	0.98	335.63	439.96	4.66	4.56	-2.84	597394.76	751801.96	0.24	
532.00	0.95	331.19	531.95	6.07	5.95	-3.53	597396.15	751801.27	0.09	
626.00	0.91	347.50	625.93	7.50	7.36	-4.07	597397.56	751800.73	0.28	
808.00	0.38	113.67	807.93	8.66	8.53	-3.83	597398.73	751800.97	0.65	
904.00	0.31	84.32	903.93	8.54	8.43	-3.28	597398.63	751801.52	0.20	
999.00	0.36	118.75	998.92	8.40	8.31	-2.76	597398.51	751802.04	0.21	
1094.00	0.07	83.17	1093.92	8.25	8.17	-2.44	597398.37	751802.36	0.32	
1187.00	0.42	93.44	1186.92	8.23	8.16	-2.05	597398.36	751802.75	0.38	
1282.00	0.16	124.86	1281.92	8.11	8.06	-1.59	597398.26	751803.21	0.31	
1377.00	0.21	78.88	1376.92	8.06	8.02	-1.31	597398.22	751803.49	0.16	
1471.00	0.35	89.13	1470.92	8.08	8.06	-0.85	597398.26	751803.95	0.16	
1566.00	0.25	133.60	1565.92	7.93	7.92	-0.41	597398.12	751804.39	0.26	
1660.00	0.45	135.32	1659.92	7.51	7.52	-0.01	597397.72	751804.79	0.21	
1754.00	0.49	130.93	1753.91	6.97	6.99	0.56	597397.19	751805.36	0.06	
1827.00	0.58	127.23	1826.91	6.52	6.56	1.09	597396.76	751805.89	0.13	
1895.00	0.47	128.98	1894.91	6.12	6.18	1.58	597396.38	751806.38	0.16	13 3/8 in
2001.00	0.30	134.28	2000.91	5.63	5.71	2.12	597395.91	751806.92	0.16	
2095.00	0.45	116.23	2094.90	5.28	5.38	2.62	597395.58	751807.42	0.20	
2188.00	0.31	137.22	2187.90	4.92	5.03	3.12	597395.23	751807.92	0.21	
2283.00	0.45	101.94	2282.90	4.63	4.76	3.66	597394.96	751808.46	0.28	
2378.00	0.22	167.42	2377.90	4.37	4.51	4.07	597394.71	751808.87	0.43	
2472.00	0.71	235.55	2471.89	3.88	4.00	3.62	597394.20	751808.42	0.70	
2567.00	0.69	248.23	2566.89	3.37	3.46	2.61	597393.66	751807.41	0.16	
2661.00	0.84	255.67	2660.88	3.03	3.08	1.41	597393.28	751806.21	0.19	
2755.00	0.77	254.92	2754.87	2.74	2.74	0.14	597392.94	751804.94	0.08	
2849.00	0.63	244.27	2848.86	2.39	2.35	-0.94	597392.55	751803.86	0.20	
2943.00	0.38	296.35	2942.86	2.33	2.27	-1.68	597392.47	751803.12	0.53	
3037.00	0.07	290.35	3036.86	2.50	2.43	-2.02	597392.63	751802.78	0.33	
3131.00	0.10	313.28	3130.86	2.58	2.50	-2.13	597392.70	751802.67	0.05	
3226.00	0.35	58.90	3225.86	2.78	2.71	-1.94	597392.91	751802.86	0.41	
3320.00	0.35	29.96	3319.86	3.16	3.11	-1.55	597393.31	751803.25	0.19	
3414.00	0.44	53.10	3413.85	3.61	3.57	-1.12	597393.77	751803.68	0.19	
3509.00	0.40	166.62	3508.85	3.49	3.47	-0.75	597393.67	751804.05	0.74	
3603.00	0.53	180.59	3602.85	2.74	2.71	-0.68	597392.91	751804.12	0.18	
3697.00	0.49	189.28	3696.85	1.91	1.88	-0.75	597392.08	751804.05	0.09	
3792.00	0.40	197.35	3791.84	1.20	1.17	-0.91	597391.37	751803.89	0.12	
3886.00	0.43	162.99	3885.84	0.55	0.52	-0.91	597390.72	751803.89	0.26	
3987.00	0.35	182.72	3986.84	-0.13	-0.16	-0.81	597390.04	751803.99	0.15	
4096.00	0.21	180.87	4095.84	-0.66	-0.69	-0.83	597389.51	751803.97	0.13	
4190.00	0.29	337.33	4189.84	-0.61	-0.64	-0.93	597389.56	751803.87	0.52	
4284.00	0.31	333.35	4283.84	-0.15	-0.19	-1.13	597390.01	751803.67	0.03	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
4379.00	0.16	296.07	4378.83	0.14	0.09	-1.37	597390.29	751803.43	0.22	
4473.00	0.35	321.42	4472.83	0.43	0.38	-1.66	597390.58	751803.14	0.23	
4568.00	0.16	319.00	4567.83	0.77	0.70	-1.93	597390.90	751802.87	0.20	
4663.00	0.16	264.83	4662.83	0.87	0.79	-2.15	597390.99	751802.65	0.15	
4757.00	0.14	289.47	4756.83	0.90	0.82	-2.39	597391.02	751802.41	0.07	
4852.00	0.10	203.41	4851.83	0.87	0.78	-2.53	597390.98	751802.27	0.18	
4947.00	0.35	235.57	4946.83	0.64	0.54	-2.80	597390.74	751802.00	0.28	
5041.00	0.29	240.81	5040.83	0.37	0.26	-3.25	597390.46	751801.55	0.07	
5135.00	0.38	231.21	5134.83	0.08	-0.05	-3.70	597390.15	751801.10	0.11	
5230.00	0.56	215.48	5229.83	-0.48	-0.62	-4.21	597389.58	751800.59	0.23	
5324.00	0.49	86.80	5323.82	-0.83	-0.98	-4.08	597389.22	751800.72	1.01	
5419.00	1.09	76.37	5418.81	-0.64	-0.74	-2.80	597389.46	751802.00	0.65	
5512.00	1.20	74.64	5511.80	-0.24	-0.27	-1.00	597389.93	751803.80	0.12	
5607.00	1.22	83.64	5606.77	0.07	0.10	0.97	597390.30	751805.77	0.20	
5702.00	0.45	99.81	5701.76	0.07	0.15	2.34	597390.35	751807.14	0.84	
5797.00	0.14	302.08	5796.76	0.06	0.15	2.61	597390.35	751807.41	0.61	
5891.00	0.51	325.12	5890.76	0.47	0.55	2.27	597390.75	751807.07	0.41	
5986.00	0.50	336.21	5985.76	1.21	1.28	1.86	597391.48	751806.66	0.10	
6079.00	0.85	283.35	6078.75	1.77	1.81	1.03	597392.01	751805.83	0.73	
6173.00	1.44	283.60	6172.73	2.27	2.25	-0.80	597392.45	751804.00	0.63	
6267.00	1.56	271.31	6266.70	2.66	2.55	-3.22	597392.75	751801.58	0.36	
6361.00	1.58	247.80	6360.67	2.29	2.09	-5.70	597392.29	751799.10	0.68	
6456.00	1.00	203.37	6455.64	1.09	0.84	-7.24	597391.04	751797.56	1.17	
6550.00	0.91	187.73	6549.63	-0.39	-0.65	-7.67	597389.55	751797.13	0.29	
6645.00	1.19	180.23	6644.61	-2.12	-2.39	-7.78	597387.81	751797.02	0.33	
6738.00	0.22	133.14	6737.61	-3.21	-3.48	-7.65	597386.72	751797.15	1.13	
6832.00	0.22	25.27	6831.61	-3.18	-3.44	-7.44	597386.76	751797.36	0.38	
6927.00	0.63	23.01	6926.60	-2.54	-2.79	-7.16	597387.41	751797.64	0.43	
7022.00	0.84	29.46	7021.60	-1.47	-1.70	-6.61	597388.50	751798.19	0.24	
7117.00	1.07	32.99	7116.58	-0.15	-0.35	-5.79	597389.85	751799.01	0.25	
7211.00	0.16	170.74	7210.58	0.44	0.25	-5.29	597390.45	751799.51	1.27	
7305.00	1.21	246.52	7304.57	-0.06	-0.27	-6.18	597389.93	751798.62	1.26	
7400.00	1.59	250.69	7399.54	-0.82	-1.11	-8.34	597389.09	751796.46	0.41	
7493.00	1.16	270.85	7492.52	-1.15	-1.52	-10.50	597388.68	751794.30	0.69	
7588.00	1.12	266.42	7587.50	-1.13	-1.56	-12.39	597388.64	751792.41	0.10	
7681.00	1.15	258.51	7680.48	-1.31	-1.81	-14.21	597388.39	751790.59	0.17	
7776.00	1.29	255.69	7775.46	-1.70	-2.26	-16.18	597387.94	751788.62	0.16	
7870.00	0.90	259.09	7869.44	-2.04	-2.66	-17.93	597387.54	751786.87	0.42	
7965.00	0.82	248.40	7964.43	-2.38	-3.05	-19.30	597387.15	751785.50	0.19	
8059.00	1.69	280.17	8058.41	-2.32	-3.06	-21.28	597387.14	751783.52	1.15	
8153.00	1.78	302.06	8152.36	-1.21	-2.04	-23.89	597388.16	751780.91	0.71	
8248.00	0.43	345.77	8247.35	-0.03	-0.91	-25.22	597389.29	751779.58	1.58	
8342.00	0.14	189.47	8341.35	0.20	-0.68	-25.33	597389.52	751779.47	0.60	
8436.00	0.87	111.01	8435.34	-0.19	-1.05	-24.68	597389.15	751780.12	0.91	
8530.00	0.63	143.95	8529.33	-0.90	-1.72	-23.71	597388.48	751781.09	0.51	
8624.00	0.98	278.85	8623.33	-1.17	-2.02	-24.20	597388.18	751780.60	1.59	
8719.00	0.70	287.30	8718.32	-0.83	-1.72	-25.56	597388.48	751779.24	0.32	
8813.00	1.02	312.58	8812.31	-0.05	-0.98	-26.72	597389.22	751778.08	0.52	
8907.00	0.25	59.34	8906.30	0.63	-0.31	-27.16	597389.89	751777.64	1.19	
8991.00	1.65	104.97	8990.29	0.37	-0.53	-25.84	597389.67	751778.96	1.77	
9026.00	1.97	119.22	9025.27	-0.09	-0.95	-24.83	597389.25	751779.97	1.57	
9058.00	1.00	235.53	9057.27	-0.53	-1.38	-24.58	597388.82	751780.22	8.04	
9089.00	4.13	321.18	9088.24	0.22	-0.66	-25.50	597389.54	751779.30	13.47	
9121.00	8.22	331.72	9120.05	3.20	2.25	-27.31	597392.45	751777.49	13.21	
9152.00	12.11	335.51	9150.55	8.19	7.16	-29.70	597397.36	751775.10	12.73	
9184.00	13.77	340.83	9181.74	14.93	13.82	-32.35	597404.02	751772.45	6.38	
9216.00	15.03	342.88	9212.74	22.57	21.38	-34.82	597411.58	751769.98	4.25	
9248.00	17.47	343.38	9243.45	31.23	29.95	-37.41	597420.15	751767.39	7.64	
9279.00	21.23	343.61	9272.70	41.17	39.79	-40.33	597429.99	751764.47	12.13	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	vS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
9310.00	24.20	344.13	9301.29	52.78	51.29	-43.65	597441.49	751761.15	9.60	
9341.00	26.99	345.90	9329.25	65.83	64.23	-47.10	597454.43	751757.70	9.33	
9373.00	29.67	348.10	9357.41	80.73	79.03	-50.51	597469.23	751754.29	8.99	
9405.00	32.80	349.60	9384.77	97.11	95.31	-53.71	597485.51	751751.09	10.08	
9436.00	36.22	351.66	9410.31	114.53	112.63	-56.55	597502.83	751748.25	11.66	
9467.00	39.74	354.31	9434.75	133.53	131.56	-58.86	597521.76	751745.94	12.51	
9499.00	43.52	355.75	9458.66	154.75	152.73	-60.69	597542.93	751744.11	12.18	
9530.00	46.59	355.41	9480.56	176.67	174.61	-62.39	597564.81	751742.41	9.93	
9562.00	49.23	356.65	9502.00	200.40	198.30	-64.03	597588.50	751740.77	8.74	
9593.00	51.50	358.24	9521.78	224.27	222.14	-65.08	597612.34	751739.72	8.32	
9624.00	53.73	358.76	9540.60	248.90	246.76	-65.73	597636.96	751739.07	7.32	
9656.00	57.16	358.99	9558.75	275.25	273.11	-66.24	597663.31	751738.56	10.74	
9688.00	61.51	359.65	9575.06	302.76	300.63	-66.57	597690.83	751738.23	13.71	
9719.00	65.33	0.16	9588.93	330.46	328.35	-66.61	597718.55	751738.19	12.41	
9751.00	68.59	0.46	9601.46	359.88	357.79	-66.45	597747.99	751738.35	10.22	
9776.00	70.50	0.91	9610.19	383.28	381.21	-66.17	597771.41	751738.63	7.82	
9807.00	72.99	359.98	9619.90	412.69	410.65	-65.94	597800.85	751738.86	8.52	
9839.00	74.79	0.47	9628.78	443.41	441.39	-65.82	597831.59	751738.98	5.81	
9871.00	76.82	0.25	9636.63	474.40	472.41	-65.63	597862.61	751739.17	6.38	
9902.00	78.65	359.87	9643.21	504.67	502.70	-65.60	597892.90	751739.20	6.02	
9933.00	80.32	359.75	9648.87	535.14	533.18	-65.70	597923.38	751739.10	5.40	
9964.00	82.29	359.23	9653.56	565.77	563.82	-65.97	597954.02	751738.83	6.57	
9995.00	83.84	359.33	9657.30	596.53	594.59	-66.36	597984.79	751738.44	5.01	
10027.00	85.67	359.17	9660.22	628.39	626.45	-66.77	598016.65	751738.03	5.74	
10059.00	86.78	358.59	9662.33	660.32	658.37	-67.40	598048.57	751737.40	3.91	
10090.00	88.18	358.37	9663.69	691.20	689.33	-68.22	598079.53	751736.58	4.57	
10152.00	90.56	358.19	9664.38	753.28	751.30	-70.08	598141.50	751734.72	3.85	
10246.00	91.68	358.20	9662.54	847.26	845.23	-73.04	598235.43	751731.76	1.19	
10341.00	92.80	358.02	9658.83	942.18	940.10	-76.17	598330.30	751728.63	1.19	
10436.00	92.17	356.98	9654.71	1037.09	1034.92	-80.31	598425.12	751724.49	1.28	
10530.00	89.65	358.21	9653.21	1131.06	1128.82	-84.25	598519.02	751720.55	2.98	
10624.00	89.93	358.65	9653.56	1225.06	1222.78	-86.83	598612.98	751717.97	0.55	
10718.00	91.33	358.09	9652.52	1319.05	1316.74	-89.50	598706.94	751715.30	1.60	
10813.00	90.56	359.16	9650.96	1414.03	1411.69	-91.78	598801.89	751713.02	1.39	
10907.00	91.19	358.53	9649.52	1508.01	1505.66	-93.68	598895.86	751711.12	0.95	
11001.00	90.91	359.59	9647.80	1601.97	1599.63	-95.22	598989.83	751709.58	1.17	
11095.00	88.95	359.96	9647.91	1695.92	1693.63	-95.59	599083.83	751709.21	2.12	
11190.00	89.02	359.29	9649.60	1790.87	1788.61	-96.21	599178.81	751708.59	0.71	
11284.00	89.93	359.07	9650.46	1884.85	1882.59	-97.55	599272.79	751707.25	1.00	
11378.00	89.86	357.67	9650.63	1978.84	1976.55	-100.23	599366.75	751704.57	1.49	
11473.00	89.51	358.59	9651.15	2073.84	2071.50	-103.33	599461.70	751701.47	1.04	
11568.00	90.70	357.85	9650.98	2168.84	2166.45	-106.28	599556.65	751698.52	1.48	
11662.00	92.59	357.95	9648.28	2262.79	2260.35	-109.72	599650.55	751695.08	2.01	
11757.00	91.68	357.77	9644.74	2357.73	2355.21	-113.27	599745.41	751691.53	0.98	
11851.00	91.67	357.69	9641.99	2451.68	2449.10	-116.99	599839.30	751687.81	0.09	
11945.00	90.42	358.36	9640.28	2545.67	2543.03	-120.23	599933.23	751684.57	1.51	
12039.00	88.81	356.57	9640.91	2639.65	2636.92	-124.38	600027.12	751680.42	2.56	
12134.00	89.86	357.40	9642.01	2734.63	2731.78	-129.38	600121.98	751675.42	1.41	
12229.00	90.70	0.93	9641.55	2829.59	2826.76	-130.76	600216.96	751674.04	3.82	
12323.00	91.81	0.62	9639.49	2923.46	2920.72	-129.49	600310.92	751675.31	1.23	
12417.00	89.37	359.81	9638.52	3017.38	3014.71	-129.14	600404.91	751675.66	2.74	
12511.00	89.44	359.26	9639.50	3111.34	3108.70	-129.90	600498.90	751674.90	0.59	
12606.00	90.07	358.73	9639.90	3206.32	3203.69	-131.57	600593.89	751673.23	0.87	
12700.00	90.91	358.21	9639.10	3300.32	3297.65	-134.08	600687.85	751670.72	1.05	
12795.00	92.09	357.25	9636.61	3395.28	3392.54	-137.84	600782.74	751666.96	1.60	
12890.00	91.96	358.88	9633.26	3490.22	3487.42	-141.05	600877.62	751663.75	1.72	
12985.00	93.22	359.01	9628.96	3585.10	3582.31	-142.79	600972.51	751662.01	1.33	
13079.00	90.63	358.52	9625.81	3679.04	3676.22	-144.82	601066.42	751659.98	2.80	
13174.00	90.35	358.56	9624.99	3774.03	3771.19	-147.24	601161.39	751657.56	0.30	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
13268.00	88.95	357.76	9625.57	3868.02	3865.14	-150.26	601255.34	751654.54	1.72	
13362.00	89.51	358.05	9626.83	3962.01	3959.06	-153.69	601349.26	751651.11	0.67	
13456.00	90.98	357.64	9626.43	4056.01	4052.99	-157.23	601443.19	751647.57	1.62	
13551.00	89.30	357.69	9626.20	4151.00	4147.91	-161.10	601538.11	751643.70	1.77	
13645.00	90.70	358.38	9626.20	4245.00	4241.85	-164.32	601632.05	751640.48	1.66	
13740.00	92.37	357.84	9623.65	4339.96	4336.76	-167.45	601726.96	751637.35	1.85	
13834.00	91.54	358.76	9620.45	4433.91	4430.67	-170.24	601820.87	751634.56	1.32	
13928.00	91.61	358.20	9617.86	4527.87	4524.60	-172.73	601914.80	751632.07	0.60	
13991.00	93.16	358.23	9615.24	4590.81	4587.51	-174.69	601977.71	751630.11	2.46	Last WFT SVY
14055.00	93.16	358.23	9611.71	4654.71	4651.38	-176.67	602041.58	751628.13	0.00	PTB

Formation Points: (Relative to Slot centre)(TVD relative to Well TVD Reference)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Name	Comment
N/A	0.39	188.80	9741.50	1.01	-0.95	597391.21	751803.85	First Bone Spring Middle	
1823.59	0.58	127.38	1823.50	6.58	1.06	597396.78	751805.86	Rustler	
1931.59	0.41	130.32	1931.50	6.00	1.80	597396.20	751806.60	Top Salt	
3281.64	0.34	41.71	3281.50	2.92	-1.69	597393.12	751803.11	Base Salt	
3490.65	0.30	151.52	3490.50	3.57	-0.79	597393.77	751804.01	Yates	
4079.66	0.23	181.29	4079.50	-0.62	-0.83	597389.58	751803.97	Seven Rivers	
4734.67	0.14	283.07	4734.50	0.80	-2.34	597391.00	751802.46	Queen	
4994.67	0.32	237.98	4994.50	0.39	-3.04	597390.59	751801.76	Penrose Sand	
5270.67	0.25	173.69	5270.50	-0.87	-4.32	597389.33	751800.48	Grayburg	
6360.83	1.58	247.84	6360.50	2.10	-5.70	597392.30	751799.10	Delaware	
6688.89	0.70	174.02	6688.50	-3.11	-7.75	597387.09	751797.05	Brushy Canyon	
8040.09	1.49	276.83	8039.50	-3.13	-20.77	597387.07	751784.03	Basal Brushy Canyon	
8218.15	0.80	316.84	8217.50	-1.17	-25.05	597389.03	751779.75	"BSGL" Marker	
8239.15	0.52	333.11	8238.50	-0.98	-25.20	597389.22	751779.60	Bone Spring	
8335.15	0.10	196.56	8334.50	-0.66	-25.33	597389.54	751779.47	Avalon Sand	
8431.16	0.83	111.50	8430.50	-1.02	-24.75	597389.18	751780.05	Upper Avalon Shale	
8851.20	0.58	322.16	8850.50	-0.60	-27.09	597389.60	751777.71	Lower Avalon Shale	
9657.38	57.35	359.02	9559.50	274.27	-66.26	597664.47	751738.54	First Bone Spring Sand	

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

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	[2] Pool Code	[3] Pool Name
30 025 43811	37570	Lea, Bone Spring

[4] Property Code	[5] Property Name	[6] Well Number
39834	PERLA NEGRA FEDERAL COM	6H

[7] OGRID No.	[8] Operator Name	[9] Elevation
005380	XTO ENERGY	3788'

[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	24	19 S	34 E		440	SOUTH	2,010	WEST	LEA

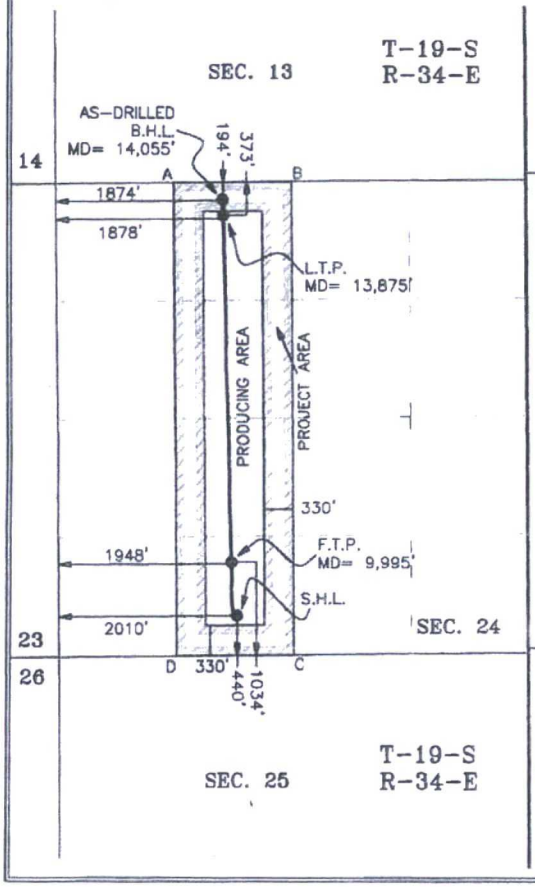
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	19 S	34 E		194	NORTH	1,874	WEST	LEA

[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.

[16] NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY XTO ENERGY



GEODETIC COORDINATES SURFACE LOCATION NAD 27 NME
Y= 597,390.3
X= 751,804.8
LAT.= 32.639663°N
LONG.= 103.515328°W

GEODETIC COORDINATES SURFACE LOCATION NAD 83 NME
Y= 597,453.7
X= 792,985.2
LAT.= 32.639787°N
LONG.= 103.515819°W

FIRST TAKE POINT NAD 27 NME
Y= 597,984.8
X= 751,738.5
LAT.= 32.641299°N
LONG.= 103.515528°W

FIRST TAKE POINT NAD 83 NME
Y= 598,047.0
X= 792,918.7
LAT.= 32.641419°N
LONG.= 103.516021°W

CORNER COORDINATES TABLE NAD 27 NME
A - Y= 602,227.6 N, X= 751,072.6 E
B - Y= 602,242.6 N, X= 752,392.9 E
C - Y= 596,956.7 N, X= 752,439.7 E
D - Y= 596,943.4 N, X= 751,119.5 E

CORNER COORDINATES TABLE NAD 83 NME
A - Y= 602,291.2 N, X= 792,252.9 E
B - Y= 602,306.2 N, X= 793,573.2 E
C - Y= 597,020.2 N, X= 793,620.2 E
D - Y= 597,006.8 N, X= 792,299.9 E

LAST TAKE POINT NAD 27 NME
Y= 601,861.8
X= 751,633.5
LAT.= 32.651957°N
LONG.= 103.515772°W

LAST TAKE POINT NAD 83 NME
Y= 601,924.1
X= 792,813.6
LAT.= 32.652077°N
LONG.= 103.516265°W

AS-DRILLED BOTTOM HOLE LOCATION NAD 27 NME
Y= 602,041.6
X= 751,628.1
LAT.= 32.652451°N
LONG.= 103.515785°W

AS-DRILLED BOTTOM HOLE LOCATION NAD 83 NME
Y= 602,103.9
X= 792,808.2
LAT.= 32.652571°N
LONG.= 103.516278°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 — Date: 4-20-2018

Printed Name: Jesse Tabaka

E-mail Address: jesse_tabaka@xtoenergy.com

[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.

12-08-2017
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number

MARK DILLON HARP — NEW MEXICO — 23786 — PROFESSIONAL SURVEYOR

AI 2017122085