

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMSF079319

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

SCHWERTDFEGER A LS 15

2. Name of Operator

XTO ENERGY INC

Contact: HOLLY PERKINS

E-Mail: Regulatory@xtoenergy.com

9. API Well No.

30-045-06403-00-S1

3a. Address

2700 FARMINGTON AVE., BLDG K, SUITE 1
FARMINGTON, NM 87401

3b. Phone No. (include area code)

Ph: 505.324.1090 Ext: 4020

Fx: 505.564.6700

10. Field and Pool, or Exploratory

BLANCO MESAVERDE
OTERO CHACRA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 21 T27N R8W NWNE 0865FNL 2250FEL
36.56416 N Lat, 107.68570 W Lon

11. County or Parish, and State

SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

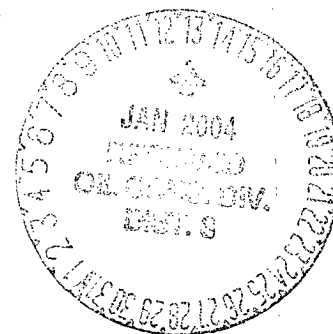
TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Subsurface Commingling
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

XTO Energy Inc. proposes to downhole commingle this well per the attached documents.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.



DHE 1344A2

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #25135 verified by the BLM Well Information System For XTO ENERGY INC, sent to the Farmington Committed to AFMSS for processing by MATTHEW HALBERT on 01/06/2004 (04MXH0082SE)	
Name (Printed/Typed) DARRIN STEED	Title REGULATORY SUPERVISOR
Signature (Electronic Submission)	Date 11/14/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title Petr. Eng	Date 11/14/03
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office NMOCB

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.

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

Submit 3 Copies To Appropriate District
Office

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised May 08, 2003

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

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

WELL API NO. 30-045-06403
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No. NMSF079319
7. Lease Name or Unit Agreement Name SCHWERTFEGER A LS
8. Well Number 15
9. OGRID Number 167067
10. Pool name or Wildcat OTERO CHACRA BLANCO MESAVERDE

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
XTO Energy Inc.

3. Address of Operator
2700 Farmington Ave., Bldg K, Ste. 1
Farmington, NM 87401

4. Well Location

Unit Letter B: 865 feet from the NORTH line and 2250 feet from the EAST line

Section 21 Township 27N Range 08W NMPM County SAN JUAN

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6300' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: DOWNHOLE COMMINGLE ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. proposes to downhole commingle this well per the attached documents.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Darrin Steed TITLE REGULATORY SUPERVISOR DATE 11/14/03
Type or print name DARRIN STEED Telephone No. (505) 324-1090

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:



November 12, 2003

Mr. Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Rd.
Aztec, New Mexico 87410

RE: Administrative approval to Downhole Commingle
Schwerdtfeger A #15
865' FNL & 2,250' FEL Sec. 21, T 27 N, R 08 W
San Juan County, New Mexico

Dear Mr. Chavez:

XTO Energy Inc. respectfully request approval to downhole commingle production from the Otero Chacra and Blanco Mesaverde pools in the Schwerdtfeger A #15. Attached for your reference are the following exhibits:

1. Sundry Notice (NMOCD From C-103)
2. Production data used for Production Allocation.

The Schwerdtfeger A #15 was drilled and completed by El Paso Natural Gas as a Blanco Mesaverde well in May 1958. The Otero Chacra formation was re completed in August 2003. The well is perforated in the Blanco Mesaverde from 4,712'-4,856' and the Otero Chacra from 3,398'-3,554'.

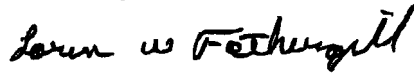
Based upon the last three months production analysis for the Blanco Mesaverde formation and the Otero Chacra, the following allocation percentages were determined:

Blanco Mesaverde (72319)	Oil 100%	Water 100 %	Gas 20 %
Otero Chacra (82329)	Oil 0%	Water 0 %	Gas 80 %

Both pools have common interest owners. Commingling both zones will not reduce the ultimate recovery of either pool. Downhole commingling will improve recovery of liquids, eliminating redundant surface equipment and maximize compressor efficiency. Notice has been filed with the BLM on Form 3160-5 concerning this matter.

XTO Energy Inc. request your Administrative Approval to downhole commingle the Chacra and Mesaverde pools based upon the above information. Should you need any additional information please contact me at (505) 324 1090.

Sincerely,



Loren W. Fothergill
Production Engineer

Enclosures

Cc: GLM

LWF

TDL

George Cox - FTW Land
Well File

Well: SCHWERTFEGER A LS
 Operator: XTO ENERGY, INC.
 Township: 27.0N Range: 08W
 Section: 21 Unit: B
 Land Type: F County: San Juan
 Total Acres: 320
 Number of: 1

No.: 15
 API: 3004506403

Accumulated:

Oil: 3054 (BBLs)
 Water: 1429 (BBLs)

Gas: 738129 (MCF)
 Days Prodi: 4900 (Days)

Year: 2001

Pool Name BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prodi	Oil Accum.	Gas(MCF)
January	6	879	0	28	2910	681197
February	24	1322	0	0	2934	682519
March	17	940	0	0	2951	683459
April	6	4082	65	0	2957	687541
May	11	3007	0	0	2968	690548
June	2	2436	0	0	2970	692983
July	4	2805	65	0	2974	695788
August	4	2391	0	0	2978	698179
September	2	2171	0	0	2980	700350
October	1	2322	0	0	2981	702672
November	0	1237	70	0	2981	703909
December	1	2144	103	0	2982	706053
Total	78	25735	303	28		

Year: 2002

Pool Name BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prodi	Oil Accum.	Gas(MCF)
January	0	2183	69	31	2982	708236
February	0	1736	0	0	2982	709972
March	0	1915	80	0	2982	711887
April	0	1725	0	0	2982	713612
May	17	1935	80	0	2989	715547
June	0	1614	0	0	2989	717161
July	0	2105	0	0	2989	719266
August	0	1993	125	0	2989	721259
September	0	1748	0	0	2989	723007
October	2	1712	58	0	3001	724719
November	13	1700	0	0	3014	726419
December	3	1935	0	0	3017	728354
Total	35	22301	412	31		

$$35 \times 22301 = 61 \text{ MCF}$$

$$210 \text{ MCF}$$

$$61 + 210 = 271$$

$$61 / 271 = 22$$

Days	Prod	Accum. Oil	Accum. Gas (MCF)
31	0	3020	731010
0	0	3022	733390
0	0	3046	735341
30	0	3049	737045
31	0	3049	738763
22	0	3054	739827
0	0	3054	739847
0	0	3054	739847
0	0	3054	739847
0	0	3054	739847
0	0	3054	739847
0	0	3054	739847
31	0	3054	739847

MCF (54 MCFPD)

Average 9-15-03 to 10-30-03

$$\begin{aligned}
 & \text{M U} \quad \frac{54}{(54 + 210)} \\
 & = 20\%
 \end{aligned}$$

SCHWERDTFEGER A LS 15 & A 2 CDP volumes

Rec date XTO Gas Vol Tbg. press. CSG press. Line press: pool code

8/1/2003	0.00	0.00	0.00	145.75	72200
8/2/2003	368.26	150.64	157.49	149.87	72200
8/3/2003	725.30	491.51	559.74	147.35	72200
8/4/2003	477.66	521.81	556.11	145.88	72200
8/5/2003	811.10	370.84	443.73	140.59	72200
8/6/2003	701.61	323.61	381.47	139.17	72200
8/7/2003	622.00	329.18	355.29	142.82	72200
8/8/2003	587.88	272.98	328.62	140.08	72200
8/9/2003	602.06	241.33	297.16	143.62	72200
8/10/2003	584.46	203.14	267.08	141.16	72200
8/11/2003	569.66	173.59	232.82	137.69	72200
8/12/2003	464.41	192.89	238.07	152.60	72200
8/13/2003	436.98	224.77	260.98	141.28	72200
8/14/2003	507.03	161.71	214.32	135.08	72200
8/15/2003	200.56	259.34	280.26	156.40	72200
8/16/2003	508.58	227.60	259.01	141.35	72200
8/17/2003	460.08	160.46	207.26	139.13	72200
8/18/2003	424.23	154.39	197.14	137.10	72200
8/19/2003	396.41	153.62	192.42	140.79	72200
8/20/2003	362.43	163.54	198.41	140.66	72200
8/21/2003	314.02	155.63	215.31	142.49	72200
8/22/2003	246.34	188.99	235.98	171.95	72200
8/23/2003	385.16	213.51	231.74	140.20	72200
8/24/2003	368.63	156.16	183.76	136.89	72200
8/25/2003	340.22	147.13	180.93	132.09	72200
8/26/2003	322.63	145.00	181.88	133.83	72200
8/27/2003	309.95	145.48	182.75	134.02	72200
8/28/2003	368.70	105.12	176.87	140.28	72200
8/29/2003	414.53	77.37	138.37	150.41	72200
8/30/2003	411.05	71.19	118.87	162.02	72200
8/31/2003	414.82	60.77	107.50	138.70	72200
9/1/2003	395.33	54.65	98.86	141.33	72200
9/2/2003	372.75	55.89	94.91	150.61	72200
9/3/2003	363.14	51.64	92.16	154.63	72200
9/4/2003	351.97	50.72	89.46	156.98	72200
9/5/2003	343.17	49.80	87.49	160.59	72200
9/6/2003	335.13	51.11	86.92	167.34	72200
9/7/2003	327.48	47.38	84.70	167.99	72200
9/8/2003	322.35	48.03	83.64	164.44	72200
9/9/2003	321.97	46.75	82.59	152.42	72200
9/10/2003	319.07	47.45	81.16	144.82	72200
9/11/2003	314.52	43.31	80.00	155.58	72200
9/12/2003	305.14	47.61	79.27	156.17	72200
9/13/2003	306.11	45.98	78.40	136.41	72200
9/14/2003	297.87	45.80	77.31	158.24	72200
9/15/2003	297.16	44.76	76.30	135.29	72200
9/16/2003	290.67	44.66	75.28	150.62	72200

9/17/2003	288.29	43.34	74.49	136.51	72200
9/18/2003	289.18	43.36	73.70	133.30	72200
9/19/2003	289.63	38.70	72.61	132.63	72200
9/20/2003	287.17	40.16	72.61	137.70	72200
9/21/2003	288.21	36.21	68.34	148.37	72200
9/22/2003	282.06	35.83	67.01	137.99	72200
9/23/2003	280.23	35.89	65.46	134.01	72200
9/24/2003	275.93	39.29	63.83	147.48	72200
9/25/2003	271.80	38.55	62.95	141.54	72200
9/26/2003	269.25	39.15	61.49	162.82	72200
9/27/2003	267.27	37.59	60.77	144.79	72200
9/28/2003	266.32	36.16	60.16	144.02	72200
9/29/2003	263.87	41.04	59.81	145.02	72200
9/30/2003	261.51	39.26	59.62	138.82	72200
10/1/2003	258.50	34.19	59.07	156.69	72200
10/2/2003	256.94	37.78	59.37	142.23	72200
10/3/2003	262.11	37.39	60.21	145.53	72200
10/4/2003	263.52	31.28	56.80	148.67	72200
10/5/2003	258.53	32.46	55.50	142.45	72200
10/6/2003	255.12	30.17	54.52	143.11	72200
10/7/2003	253.48	31.05	53.59	143.89	72200
10/8/2003	251.79	29.93	53.04	140.94	72200
10/9/2003	248.24	30.59	52.97	143.97	72200
10/10/2003	246.81	30.41	53.01	155.34	72200
10/11/2003	246.68	28.97	52.99	147.29	72200
10/12/2003	246.96	31.89	52.04	148.33	72200
10/13/2003	246.19	34.62	50.80	147.44	72200
10/14/2003	244.36	31.04	50.64	147.38	72200
10/15/2003	243.20	30.61	50.45	142.35	72200
10/16/2003	241.24	26.58	50.26	142.07	72200
10/17/2003	240.68	38.93	50.01	140.78	72200
10/18/2003	239.36	26.85	49.47	142.68	72200
10/19/2003	237.79	26.97	49.37	139.96	72200
10/20/2003	235.22	31.69	49.99	153.36	72200
10/21/2003	236.11	30.04	49.38	142.44	72200
10/22/2003	235.77	30.28	48.92	117.81	72200
10/23/2003	196.34	51.95	62.03	98.12	72200
10/24/2003	124.29	109.12	110.09	134.52	72200
10/25/2003	143.83	131.70	137.89	177.56	72200
10/26/2003	293.94	46.45	68.26	176.04	72200
10/27/2003	266.70	28.93	55.75	151.70	72200
10/28/2003	251.53	27.50	52.08	158.20	72200
10/29/2003	243.73	31.64	48.95	153.28	72200
10/30/2003	237.30	33.09	48.64	167.70	72200

253.80 Average fr/9/15/03 to 10/30/03

44 Schwerdtfeger A #2 production rate

210 Schwerdtfeger A #15 production rate (Chacra)

210