

DATE IN 11-23-09	SUSPENSE	ENGINEER Jones	LOGGED IN 11-23-09	TYPE DHC	PTGW APP NO 0932740973
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



XTO

WF Fed 11 #4

20-04532267

RECEIVED
2009 NOV 20 PM 1 29

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

WANETT MCCAULEY
Print or Type Name

Signature

Title

REGULATORY CLERK

11/19/2009
Date

wanett_mccauley@xtoenergy.com
e-mail Address

XTO Energy Inc.
Operator

382 CR 3100, Aztec, NM 87410
Address

WF FEDERAL 11
Lease

#4
Well No.

J 11
Unit Letter-Section-Township-Range

30N 14W
County

SAN JUAN

OGRID No. 5380

Property Code 303671

API No. 30-045-32267

Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	(UPPER) BASIN FRDLC	(LOWER) BASIN FRDLC	HARPER HILL FS PC
Pool Code	71629	71629	78160
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1,553 - 1,583'	1,623' - 1,748'	1,781' - 1,814'
Method of Production (Flowing or Artificial Life)	FLOWING	FLOWING	FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)		1011.3 BTU	
Producing, Shut-In or New Zone	NEW ZONE	PRODUCING	NEW ZONE
Date and Oil/Gas/Water Rates of Last Production (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates:	Date: 8/01/2009 Rates: 0 BO/5 MCF/73 BW	Date: Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil: 0 % Gas: 71 %	Oil: % Gas: %	Oil: 100 % Gas: 29 %

Are all working, overriding, and royalty interests identical in all commingled zones?
If not, have all working, overriding, and royalty interests been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well:

ATTACHMENTS:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of all offset operators.
Notification list of working, overriding, and royalty interests for uncommon interest cases.
Any additional statements, data, or documents required to support commingling.

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

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

SIGNATURE Wanett McCauley

TITLE REGULATORY CLERK

DATE 11/19/2009

TYPE OR PRINT NAME WANETT MCCAULEY

TELEPHONE NO. (505) 333-3630

E-MAIL wanett.mccauley@xtoenergy.com

	CUM	MBO	EUR, MCF
	WATER	OIL	GAS
Fruitland Coal	100570	0	409545
Pictured Cliffs	71695	0	168054
Total	172265	0	577599

	%	%	%
	WATER	OIL	GAS
Fruitland Coal	58%	0%	71%
Pictured Cliffs	42%	100%	29%
Total	100%	100%	100%

API	DB_ID	LEASE NAME	NO.	RESERVOIR	SEC.	LOCATION	FIELD	OPERATOR	1st PROD	LAST PROD	CUM OIL	REM OIL	CUM GAS	REM GAS	CUM WATER	EUR OIL	EUR GAS	DLY OIL	DLY GAS	DLY WAT	DECLINE
30045227640002	548042	MS NONA 15	2	FRUITLAND COAL	15	30 N 14 W	BASIN	XTO ENERGY	19990731	20090701	0	0	274,324	40,851	86,787	0	315,175	0	28.1	3.7	7
30045299180000	548244	WF STATE 2	1	FRUITLAND COAL	2	30 N 14 W	BASIN	XTO ENERGY	20020531	20090401	0	0	5,175	0	91,753	0	5,175	0	0.4	0	7
30045309190000		PINON COM	90	FRUITLAND COAL	13	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20020901	20080801	0	0	580,602	665,723	191,971	0	1,246,325	0	152	52.3	7
30045309210000		HUMBLE KIRTLAND COM	90	FRUITLAND COAL	13	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20021001	20080801	0	0	81,228	71,616	106,629	0	152,844	0	34.2	10.9	7
30045309300000		MOLLY PITCHER	90	FRUITLAND COAL	14	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20021101	20080801	0	0	198,949	386,321	182,931	0	585,270	0	96.6	38.6	7
30045309160000		MUCHO DEAL COM	90	FRUITLAND COAL	14	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20021101	20080801	0	0	85,257	82,711	79,036	0	167,968	0	36.4	7.9	7
30045312160000		BIG FIELD	91Y	FRUITLAND COAL	10	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20021201	20080801	0	0	139,948	53,964	103,724	0	193,912	0	30.7	35.5	7
30045309140000		BIG FIELD	90	FRUITLAND COAL	10	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20030101	20080801	0	0	113,485	365,643	93,292	0	479,138	0	92.5	48.1	7
30045309230000		LIBSON	90	FRUITLAND COAL	11	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20030101	20080801	0	0	38,348	0	86,620	0	38,348	0	19.2	5.7	7
30045270940000		ATLANTIS	4	FRUITLAND COAL	3	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20040501	20080801	0	0	25,497	8,069	68,073	0	33,566	0	21.6	63.8	7
30045321990000		MOLLY PITCHER	90S	FRUITLAND COAL	14	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20040901	20080801	0	0	433,237	948,656	119,836	0	1,381,893	0	208.1	22.1	7
30045320400000		MUCHO DEAL COM	90S	FRUITLAND COAL	14	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20041101	20080801	0	0	20,395	0	53,093	0	20,395	0	11.2	42.5	7
30045320100000		LIBSON	90S	FRUITLAND COAL	11	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20041101	20080801	0	0	39,791	25,217	80,871	0	65,008	0	25	7	7
300453202010000		BIG FIELD	92	FRUITLAND COAL	15	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20041201	20080801	0	0	70,891	224,934	102,489	0	295,825	0	64.6	99.9	7
30045320300000		BIG FIELD	92S	FRUITLAND COAL	15	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20041201	20080801	0	0	23,257	41,366	49,780	0	64,613	0	28.2	73.8	7
30045324830000		BIG FIELD	91S	FRUITLAND COAL	10	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20050401	20080801	0	0	58,225	21,666	105,289	0	58,225	0	19.3	85.3	7
30045312920000	548250	WF STATE 2	2	FRUITLAND COAL	2	30 N 14 W	BASIN	XTO ENERGY	20050531	20090701	0	0	26,625	0	70,120	0	48,311	0	24.3	56	7
300453265640000		ATLANTIS COM	4S	FRUITLAND COAL	3	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20050601	20080801	0	0	224,860	824,589	82,227	0	1,049,449	0	183.5	78.5	7
300453265650000		BIG FIELD COM	93	FRUITLAND COAL	3	30 N 14 W	BASIN	DUGAN PRODUCTION CORPORATION	20050601	20080801	0	0	326,816	992,029	171,581	0	1,318,845	0	216.7	111.5	7
300453227000000	548185	WF FEDERAL 1	2	FRUITLAND COAL	1	30 N 14 W	BASIN	XTO ENERGY	20050630	20090701	0	0	144,322	405,486	164,644	0	549,808	0	100.4	48.7	7
300453075900000	548166	WF FEDERAL 12	1	FRUITLAND COAL	12	30 N 14 W	BASIN	XTO ENERGY	20050630	20090701	0	0	232,564	785,251	163,092	0	1,017,815	0	175.7	55.2	7
30045307120001	548166	WF FEDERAL 12	2	FRUITLAND COAL	12	30 N 14 W	BASIN	XTO ENERGY	20050630	20090701	0	0	40,825	100,363	7,638	0	141,188	0	39.9	2.9	7
300453075900000	548254	WF STATE 2	3	FRUITLAND COAL	2	30 N 14 W	BASIN	XTO ENERGY	20050630	20090701	0	0	89,287	134,153	69,706	0	223,440	0	46.6	38.7	7
300453209700000	548258	WF STATE 2	4	FRUITLAND COAL	2	30 N 14 W	BASIN	XTO ENERGY	20050630	20090701	0	0	41,123	4,539	151,644	0	45,662	0	20.9	20.6	7
300453226800000	548164	WF FEDERAL 11	1	FRUITLAND COAL	11	30 N 14 W	BASIN	XTO ENERGY	20050731	20090701	0	0	207,225	587,047	76,067	0	794,272	0	136.4	38.7	7
30045303180001	548040	MR NONA 15	1	FRUITLAND COAL	15	30 N 14 W	BASIN	XTO ENERGY	20051130	20090701	0	0	56,576	204,760	42,139	0	261,336	0	60.6	45.9	7
									Post 2000 FLDC Average		0	0	132,181	277,365	100,570	0	409,545	0	74	44	7
API	DB_ID	LEASE NAME	NO.	RESERVOIR	SEC.	LOCATION	FIELD	OPERATOR	1st PROD	LAST PROD	CUM OIL	REM OIL	CUM GAS	REM GAS	CUM WATER	EUR OIL	EUR GAS	DLY OIL	DLY GAS	DLY WAT	DECLINE
300452269600000		DINERO	1	PICTURED CLIFFS	13	30 N 14 W	ISAN JUAN	DUGAN PRODUCTION CORPORATION	19781201	19840901	0	0	7,757	0	3,036	0	7,757	0	8.3	5.7	7
30045227640001	548041	MS NONA 15	2	PICTURED CLIFFS	15	30 N 14 W	HARPER	XTO ENERGY	19980430	20090701	0	0	223,743	5,043	100,315	0	228,766	0	21	2.3	7
300453031800000	548039	MR NONA 15	1	PICTURED CLIFFS	15	30 N 14 W	HARPER	XTO ENERGY	20011231	20090701	0	0	234,099	0	98,294	0	234,099	0	8	0	7
300452991800000	548243	WF STATE 2	1	PICTURED CLIFFS	2	30 N 14 W	HARPER	XTO ENERGY	20020531	20071101	0	0	4,444	0	72,908	0	4,444	0	7.7	94.4	7
300453129200000	548249	WF STATE 2	2	PICTURED CLIFFS	2	30 N 14 W	HARPER	XTO ENERGY	20050531	20070101	0	0	4,502	0	18,330	0	4,502	0	10.4	0	7
300453075900000	548253	WF STATE 2	3	PICTURED CLIFFS	2	30 N 14 W	HARPER	XTO ENERGY	20050630	20090701	0	0	40,558	0	78,353	0	40,558	0	5.2	0	7
300453209700000	548257	WF STATE 2	4	PICTURED CLIFFS	2	30 N 14 W	HARPER	XTO ENERGY	20050630	20070101	0	0	8,050	36,817	6,416	0	44,867	0	27.3	0	7
300453226800000	548163	WF FEDERAL 11	1	PICTURED CLIFFS	11	30 N 14 W	HARPER	XTO ENERGY	20050731	20090701	0	0	100,144	582,508	102,518	0	100,144	0	14.9	5.2	7
300453066000000	548162	WF FEDERAL 1	1	PICTURED CLIFFS	1	30 N 14 W	HARPER	XTO ENERGY	20060131	20090701	0	0	165,259	103,221	125,045	0	747,767	0	135.5	118.5	7
									Post 2000 PCCF Average		0	0	79,579	103,221	71,695	0	168,054	0	30	31	7