		9.31.11 PTGW
- DAT∰	930,11 SUSPENS	ENGINEER WVJ LOGGED IN THE TYPE DHO APP NO 1127348433
<u> </u>	/	ABOVE THIS LINE FOR DIVISION USE ONLY
	Ŋ	NEW MEXICO OIL CONSERVATION DIVISION XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
		- Engineering Bureau - 1220 South St. Francis Drive, Santa Fe, NM 87505
	· .	Breech F 13
		ADMINISTRATIVE APPLICATION CHECKLIST 30-039-3/6
		INDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
-thh.	[DHC-Down [PC-Pool	dard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] hole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] of Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] ified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TYPE OF AP	PLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD
	Check [B]	One Only for [B] or [C] Commingling - Storage - Measurement DHC CTB PC PC OLS OLM
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR
	[D]	Other: Specify
2]	NOTIFICATI [A]	ON REQUIRED TO: - Check Those Which Apply, or □ Does Not Apply 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]		CURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE TION INDICATED ABOVE.
	oval is accurate an	TON: I hereby certify that the information submitted with this application for administrative d complete to the best of my knowledge. I also understand that no action will be taken on this uired information and notifications are submitted to the Division.

WANETT MCCAULEY
Print or Type Name Signature Title Date wanett mccauley@xtoenergy.com

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

e-mail Address

DISTRICT

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

wanett_mccauley@xtoenergy.com

State of New Mexico Energy, Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Form C-107A Revised June 10, 2003

APPLICATION TYPE

X Single Well Establish Pre-Approved Pools EXISTING WELLBORE

220 S. St. Pfancis Dr., Santa Pe, NM 87505	APPLICATION FOR DOV	WNHOLE COMMINGLING	Ves X No
XTO Energy Inc.	38.	2 CR 3100, Aztec, NM 87410	DAC-4472)
Operator			
Breech F	#133 J Well No. Unit Le	Sec 33 T27N R06W etter-Section-Township-Range	Rio Arriba County
OGRID No. 5380 Property C	ode <u>304754</u> API No. <u>3</u>	0-039-31011 Lease T	ype: X FederalState Fee
DATA ELEMENT			LOWER ZONE
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blanco Mesaverde	Basin Mancos	Basin Dakota
Pool Code	72319	97232	71599
Top and Bottom of Pay Section	5100' - 5550'	6550' - 6850'	7100' - 7650'
(Perforated or Open-Hole Interval)	estimated	estimated	estimated
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)	680	981	1487
Oil Gravity or Gas BTU			
(Degree API or Gas BTU)	<u> </u>		
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
Date and Oil/Gas/Water Rates of	Date:	Date:	Date:
Last Production	Rates:	Rates:	Rates:
(Note: For new zones with no production history, applicant shall be required to attach production			
estimates and supporting data.)	Date:	Date:	Date: Rates:
	Rates:	Rates:	Rates.
Fixed Allocation Percentage	Oil: Gas:	% Oil: Gas: %	Oil: Gas: %
(Note: If allocation is based upon something other than current or past production, supporting data or	26 ′ 20 ′	° 58 ′° 38 ′°	16 " 42 "
explanation will be required.)	•		
Are all working, overriding, and royalty inte		Yes X	No No
f not, have all working, overriding, and roys	alty interests been notified by certified n		
Are all produced fluids from all commingled	zones compatible with each other?	YesX	No
Will commingling decrease the value of proc	luction?	Yes	No X
f this well is on, or communitized with, stat	e or federal lands, has either the Commi	ssioner of Public Lands	
or the United States Bureau of Land Manag			No
NMOCD Reference Case No. applicable to	this well:		
ATTACHMENTS:			
C-102 for each zone to be commingled	d showing its spacing unit and acreage d		•
	least one year. (If not available, attach e estimated production rates and supporti	•	
Data to support allocation method or f Notification list of all offset operators.	'ormula.		
•	g, and royalty interests for uncommon in	terest cases.	
Any additional statements, data, or do	cuments required to support comminglin	ng.	
f application is to establish Pre-Approved P	ools, the following additional information	on will be required:	
ist of other orders approving downhole cor		roved Pools	
ist of all operators within the proposed Pre roof that all operators within the proposed		ice of this application.	
Bottomhole presssure data, hereby certify that the information above is		••	
/	Alalla A.	-0	
IGNATURE WANTE	Mulaulli	TITLE Reg Compliance Tech	nician DATE 9/28/2011
) ~~	. (
YPE OR PRINT NAME Wannett M	foCaules:	TELEPHONE NO.	(505) 333-3630

Breech F 133 - Allocations (Using XTO Wells in 26N 6W and 27N 6W)

							-1		Contract of the last		COMOL	COMO	COMOL	LON	LON	AVERAGE
ME	NO.	RESERVOIR	SECTION	TOWNSHIP	RANGE	FIELD	OPERATOR	1st PROD	1st PROD LAST PROD DAYS ON	DAYS ON	OIL (BBL)	GAS (MCF)	WATER (BBL)	OIL (MBO)	GAS (MMCF)	WATER (BBL/D)
BREECH F	8M (NPI)	DAKOTA	34	27 N	8 W	/ BASIN	XTO ENERGY	19980531	20101201	4378	2562	440750	797	3.05	595.04	
MO		DAKOTA	16	26 N	8 W	/ BASIN	XTO ENERGY	19940731	20101201	5296	2570	780973	1020		-	
BREECH F	1F (NPI)	DAKOTA	33	27 N	W 9	/ BASIN	XTO ENERGY	19990228	20101201	4116	1628	663885	2088		-	
BREECH A	132R (NPI)	DAKOTA	6	26 N	W 9	/ BASIN	XTO ENERGY	20010531	20101201	3087	1454	1128535	48449		1	
BREECHA	136F (NPI)	DAKOTA	10	26 N	9	W BASIN	XTO ENERGY	20010531	20101201	3445	2698	853163	33820			
BREECHC	144E (NPI)	DAKOTA	12	26 N		6 W BASIN	XTO ENERGY	19901231	20101201	5998	849	489660	652	0		
BREECH B	147 (NPI)	DAKOTA	7	26 N		6 W BASIN	XTO ENERGY	20030831	20101201	1281	1276	174534	- Total			7 0.7
BREECHC	303 (NPI)	DAKOTA	13	26 N		6 W BASIN	XTO ENERGY	20040930	20101201	2200	1108	345665	THE PERSON			0.33
BREECHE	850 (NPI)	DAKOTA	5	26 N		6 W BASIN	XTO ENERGY	20040930	20101201	2139	1071	267866				
BREECH E	65 (NPI)	DAKOTA	5	26 N	7	6 W BASIN	XTO ENERGY	20060331	20101201	1709	227	183675				
BREECH E	79 (NPI)	DAKOTA	1	26 N	100	6 W BASIN	XTO ENERGY	20060131	20101201	1601	169	68581			-	0
	392 (NPI)	DAKOTA	13	26 N		6 W BASIN	XTO ENERGY	20060228	20101201	1761	4304	609403	1582		1	98
	828 (NPI)	DAKOTA	13	26 N		6 W BASIN	XTO ENERGY	20060228	20101201	1786	1149	218741	742			
	158 (NPI)	DAKOTA	10	26 N	-	6 W BASIN	XTO ENERGY	20070531	20101201	1308	176	154887	593	0.18	2	0.45
	16 (NPI)	DAKOTA	33	27 N		6 W BASIN	XTO ENERGY	20070630	20101201	1036	438	133802	373			
ш	2 (NPI)	DAKOTA	33	27 N	W 9	BASIN	XTO ENERGY	20070531	20100801	1167	1315	200477	955			
	77 (NPI)	DAKOTA	2	26 N		6 W BASIN	XTO ENERGY	20071130	20101201	1101	374	206370	791			1
	228M (NPI)	DAKOTA	18	26 N	9 W	BASIN	XTO ENERGY	19991231	20101201	3855	1691	479453	1032	2.70	891.54	1 0.27
BREECH	812M (NPI)	DAKOTA	18	26 N		6 W BASIN	XTO ENERGY	19991231	20101201	3930	1480	AROTER	780	234	006 44	000

Modern Mesav	lodem Mesaverde Wells Drilled after 199	led after 1990								2	CUMUL	CUMUL	CUMUL	EUR	EUR	AVERAGE
LEASE NAME	NO.	RESERVOIR	SECTION	TOWNSHIP	RANGE	FIELD	OPERATOR	1st PROD LAST P	LAST PROD	PROD DAYS ON OIL	(BBL)	GAS (MCF)	WATER (BRI)		GAS (MMCF)	WATER (BRI /D)
BREECH	812M (NPI)	MESAVERDE	18	26 N	W 9	V BLANCO	>	19991231	20101201	3928	4	261521			1	
BREECH	228M (NPI)	MESAVERDE	18	26 N	W 9	V BLANCO	XTO ENERGY	19991231	20101201	3857	3588	250402	1261	4,		0.33
BREECH E	850 (NPI)	MESAVERDE	5	26 N	W 9	V BLANCO	XTO ENERGY	20060630	20101201	1574	681	73056			1	0.04
BREECH F	8M (NPI)	MESAVERDE	34	27 N	W 9	V BLANCO	XTO ENERGY	19980531	20101201		781	125566				0 12
BREECH E	118E (NPI)	MESAVERDE	1	26 N	W 9	V BLANCO	XTO ENERGY	19961031	20101201		2606	540226			1111	0 13
BREECHC	144E (NPI)	MESAVERDE	12	26 N	W 9	V BLANCO	XTO ENERGY	19971231	20101201	4462	1890	246010	28 00.000		398	0.19
BREECH C	144 (NPI)	MESAVERDE	12	26 N	9 W	V BLANCO	XTO ENERGY	19981231	20101201	4313	3851	197881	925	6.73	336	0.21
							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1000		7		Average		CAA	0.10

NO. RESERVOIR SECTION TOWNSHIP RANGE FIELD OPERATOR 1st PROD LAST PROD DAYS ON OIL (BBL) GAS (MACF) OIL (MBO) GAS (MACF)	Modern Manco.	Modern Mancos Wells Drilled after 1990	after 1990	*	A 100 DAY						Ö	CUMUL	CUMUL	CUMUL	EUR	EUR	AVERAGE
1F (NP)	LEASE NAME		RESERVOIR	SECTION	TOWNSHIP	RANGE	FIELD	OPERATOR	1st PROD	LAST PROD D			_	WATER (BBL)	-	GAS (MMCF)	WATER (BBL/D)
MANICOS 16 MANICOS 17 MANICOS 17 MANICOS 17 MANICOS 18 MANICOS 18 MANICOS 19 MANI	BREECH F	1F (NPI)	MANCOS	33		9			19990228	20101201	4136	10610	558552	16160		911 895	
113 (NP) MANICOS 2	STATE B COM	233R (NPI)	MANCOS	16		9			19940731	20101201	5266	6644	1004217	98		-	
136 (NP) MANICOS 10 26 N 6 NV BIANCO XTO ENERGY 19980331 20101201 4339 11417 133010 269 12.144 250.247 144E (NP) MANICOS 12 26 N 6 NV BIANCO XTO ENERGY 19901320 1377 1118 11418 1	STATE COM	113 (NPI)	MANCOS	2	_	9			19971130	20101201	3985	12844	275036	363	-		
144E (NPI) MANICOS 12 26 N 6 W BIANCO XTO ENERGY 19901130 20101201 1116 150886 42 1.118 228.704 29 (NPI) MANICOS 15 26 N 6 W BIANCO XTO ENERGY 200010201 1859 288677 141 157034 41 0.141 153.728 240 (E NPI) MANICOS 15 26 N 6 W BIANCO XTO ENERGY 200010201 1859 288677 141 157034 41 0.141 153.728 13E (NPI) MANICOS 2	BREECH A	136 (NPI)	MANCOS	10		9			19980331	20101201	4339	11417	133010	269		250.247	
79 (NPI) MANICOS 1	BREECHC	144E (NPI)	MANCOS	12		9			19901130	20101201	6270	1118	190895	42			
240E (NPI) MANNCOS 15 26 N 6 W BLANCO XTO ENERGY 20010301 1869 2829 75 6 999 910 33 113E (NPI) MANNCOS 5 26 N 6 W BLANCO XTO ENERGY 20010301 1760 666 73005 74 2.116 311.944 113E (NPI) MANNCOS 2 26 N 6 W BLANCO XTO ENERGY 20010301 1762 687 760 716 2.16 311.944 685E (NPI) MANNCOS 5 26 N 6 W BLANCO XTO ENERGY 20010201 1762 687 510 1.169 302.888 685E (NPI) MANNCOS 14 26 N 6 W BLANCO XTO ENERGY 200610201 1786 687 510 1.169 302.888 136F (NPI) MANNCOS 10 6 W BLANCO XTO ENERGY 20040731 20101201 1786 869 317439 3476.366 302.888 136F (NPI) MANNCOS 10 6 W BLANCO XTO ENERGY <	BREECH E	(IAN) 62	MANCOS	1		9			20061130	20101201	1377	141	37084	41			190
MANNCOS 5 26 N 6 W BLANCO XTO ENERGY 20071201 1573 258 686 73005 74 2.116 311.944 113E (NP) MANCOS 5 26 N 6 W BLANCO XTO ENERGY 20060430 20101201 1762 869 87 86407 510 1.169 82.88 863.72 244 869 87 87 87 87 87 87 87 8	BREECH D	240E (NPI)	MANCOS	15		9	_		20050930	20101201	1859	2529	288675	75		910,33	
115E (NPT) MANICOS 2	BREECH E	65 (NPI)	MANCOS	5	_	9			20071031	20101201	1180	686	73005	74		311.944	
BEO (NP) MANCOS 5 26 N 6 W BLANCO XTO ENERGY 2006;1331 2010;201 1762 687 69407 510 1169 302.886 6855 R M BLANCO XTO ENERGY 2006;1321 2010;201 1862 3794 276660 177 8.836 883.72 244E (NP) MANCOS 14 26 N 6 W BLANCO XTO ENERGY 2006;228 2010;201 14249 128401 2352 27434 3476.366 136F (NP) MANCOS 2 26 N 6 W BLANCO XTO ENERGY 2004;0731 2010;201 2263 2460 286379 2773 2733 2773 140M (NP) MANCOS 2 26 N 6 W BLANCO XTO ENERGY 2005;073 2010;201 2352 5140 286373 2773 140M (NP) MANCOS 2 26 N 6 W BLANCO XTO ENERGY 2005;130 2010;201 2352 5140 2352 27434 3476.386 150M (NP) MANCOS 2 26 N 6 W BLANCO XTO ENERGY 2005;130 2010;201 2352 5140 2352 27434 3476.386 150M (NP) MANCOS 2 26 N 6 W BLANCO XTO ENERGY 2002;130 2010;201 2352 2743 2763 2763 150M (NP) MANCOS 2 2 2 N 6 W BLANCO XTO ENERGY 2003;130 2010;201 2863 3402 2763 150M (NP) MANCOS 3 N 6 W BLANCO XTO ENERGY 2003;130 2010;201 2863 3463 2763 150M (NP) MANCOS 3 N 6 W BLANCO XTO ENERGY 2003;130 2010;201 2863 3463 150M (NP) MANCOS 3 N 6 W BLANCO XTO ENERGY 2003;130 2010;201 2864 3454 44144 150M (NP) MANCOS 3 N 6 W BLANCO XTO ENERGY 2003;130 2010;201 2864 3464 44144 150M (NP) MANCOS 3 N N N N N N N N N	STATE COM	113E (NPI)	MANCOS	2		9			20060430	20101201	1573	236	80802	240			
CARDING NAME CARD	BREECH E	850 (NPI)	MANCOS	5		9	_		20051031	20101201	1762	687	96407	510		302	
244E (NPI) MANCOS 14 26 N 6 W BLANCO XTO ENERGY 20060228 20101201 1786 4089 317459 86 12.733 934.921 136F (NPI) MANCOS 10 26 N 6 W BLANCO XTO ENERGY 20060228 2406 280919 434 347.836 347.836 58M (NPI) MANCOS 3 26 N 6 W BLANCO XTO ENERGY 20030731 20101201 2863 5103 298296 86 8.357 937.712 58M (NPI) MANCOS 1 6 N BLANCO XTO ENERGY 20030731 20101201 286296 86 8.357 937.712 56E (NPI) MANCOS 1 6 N BLANCO XTO ENERGY 20030731 20101201 1872 6009 392203 376 10.74 1168.8367 937.712 56E (NPI) MANCOS 2 8 N BLANCO XTO ENERGY 20001201 2322 5140 260727 77 10.275	BREECH D	685E (NPI)	MANCOS	11		9				20101201	1802	3794	276060	171		863.72	
136F (NPI) MANCOS 10 26 N 6 W BLANCO XTO ENERGY 20040731 20101201 2314 12840 128840 2352 27434 3476/366 346 3476/366 3	BREECHC	244E (NPI)	MANCOS	14		9	-		20060228	20101201	1786	4089	317459	86		934.921	
147 (MPI) MANCOS 7 26 N 6 W BLANCO XTO ENERGY 20041031 20101201 2268 2460 280919 411 6.146 683.735 513	BREECH A	136F (NPI)	MANCOS	10	26 N	9	-		20040731	20101201	2311	14249	1288401	2352		3476.366	
E 58M (NP) MANCOS 3 26 N 6 W BLANCO XTO ENERGY 20030731 20101201 2663 5103 298295 86 8.357 937.712 D HAMCOS 5 I 6 N BLANCO XTO ENERGY 2004131 20101201 1872 6009 382203 376 747 1158.386 E 50E (NP) MANCOS 2 E N 6 W BLANCO XTO ENERGY 2004131 20101201 2822 514 207 10.275 740.29 C 50M BLANCO XTO ENERGY 20021130 20101201 2668 3422 20682 216 11.985 643.375 C 8M MINCOS 12 26 N 6 W BLANCO XTO ENERGY 20021130 20101201 2668 3422 2056 112 268 0.68 65.375 F 8M MINCOS 12 26 N 6 W BLANCO XTO ENERGY 20021231 20101201 2869 367 112 286 0.68 36 17330 4144 4594 451.283 F 132R (NP	BREECH B	147 (NPI)	MANCOS	7	26 N	9			20041031	20101201	2258	2460	280919	411		683.735	0.18
D MANCOS 11 26 N B W BLANCO XTO ENERGY 20061321 26140 392203 376 10,474 1136.386 E 506 (NP) MANCOS 5 26 N 6 W BLANCO XTO ENERGY 20041321 2322 5140 260727 10,275 740.29 C 62M (NP) MANCOS 2 26 N 6 W BLANCO XTO ENERGY 20041301 20101201 2362 216 11,365 740.29 C 689M (NP) MANCOS 12 26 N 6 W BLANCO XTO ENERGY 20041301 20101201 2669 905 177330 112 12 269.056 F 98 M (NP) MANCOS 3 27 N 6 W BLANCO XTO ENERGY 20041301 20101201 2669 905 177330 112 269.056 F 132 M (NP) MANCOS 3 26 N BLANCO XTO ENERGY 20041201 2269 4494 4494 4494 4494 4494 4494 4494 4494 4494 4494 4494 4494 </td <td>BREECH E</td> <td>58M (NPI)</td> <td>MANCOS</td> <td>3</td> <td>26 N</td> <td>9</td> <td></td> <td>$\overline{}$</td> <td>20030731</td> <td>20101201</td> <td>2653</td> <td>5103</td> <td>298295</td> <td>86</td> <td></td> <td>937.712</td> <td></td>	BREECH E	58M (NPI)	MANCOS	3	26 N	9		$\overline{}$	20030731	20101201	2653	5103	298295	86		937.712	
E 5GE (NP) MANCOS 5 26 N 6 W BLANCO XTO ENERGY 20040131 20101201 2322 5140 266727 127 10.275 740.29 C 62M (NP) MANCOS 2 26 N 6 W BLANCO XTO ENERGY 20021130 20101201 2668 3422 205832 216 11.985 654.375 C 689M (NP) MANCOS 34 2 26 N 6 W BLANCO XTO ENERGY 20031231 20101201 2688 905 177330 112 1.22 269.058 A 132R (NP) MANCOS 9 26 N 6 W BLANCO XTO ENERGY 2004030 20101201 2246 2088 905 177830 41.484 2491.283	BREECH D	140M (NPI)	MANCOS	11	26 N	9	_		20051130	20101201	1872	6009	392203	376		1136.386	
CEM (NP) MANCOS 2 26 N BLANCO XTO ENERGY 20021130 20101201 2666 3422 205632 216 11.985 654.375 205631 20101201 2688 3422 205632 216 11.985 654.375 205631 20101201 2688 395 177330 112 268.058 205631 27 N 6 W BLANCO XTO ENERGY 20031231 20101201 2810 2484 220946 120 4.494 491.283 2484 258.046 268 N 6 W BLANCO XTO ENERGY 20040930 20101201 2246 2248 27861 4669 41444 21.88.046 218.046 218.046 218.046 22	BREECHE	50E (NPI)	MANCOS	5	26 N	9	_		20040131	20101201	2322	5140	260727	127		740.29	
689M (NP) MANCOS 12 26 N 6 W BLANCO XTO ENERGY 20031130 210101201 2869 906 177330 112 269.056 916 917330 91 91 91 91 91 91 91 9	STATEA	62M (NPI)	MANCOS	2	26 N	9			20021130	20101201	2656	3422	205832	216		654.375	100
8M (NP) MANCOS 34 27 N 6 W BLANCO XTO ENERGY 20021231 20101201 246 220946 120 4,494 491.283 0 132R (NPI) MANCOS 9 26 N 6 W BLANCO XTO ENERGY 20040930 20101201 2246 20885 727681 4069 41,484 2138,046 1	BREECHC	(IAN) M689	MANCOS	12	26 N	9			20031130	20101201	2668	908	177330	112		269.058	
132R (NP) MANCOS 9 26 N 6 W BLANCO XTO ENERGY 20040930 20101201 2246 20885 727681 4069 41,484 2138,046 1	BREECH F	8M (NPI)	MANCOS	34	27 N	9			20021231	20101201	2810	2484	220946	120	-	491.283	0
	BREECH A	132R (NPI)	MANCOS	6	26 N		BLANCC		20040930	20101201	2246	20885	727681	4069		2138.046	1

	Oil	Gas		Water
Dakota	16%		2%	75%
Mesaverde	26%	200	20%	8%
	28%		8%	17%

Breech F 133 - Downhole Commingle (BHP and Fracture Parting Pressure Calculation)

	Mesaverde	Mancos	Dakota
Gas Specific Gravity	0.694	0.681	0.698
Depth to Mid Perf (ft)	5325	6700	7375
Shut in Casing Pressure (psia)	594	826	1215
Surface Temperature (deg F)	60	60	60
Bottom Hole Temperature (deg F)	136	141	151
Static BHP (psia)	680	981	1487
Fracture Parting Pressure (psia)	3461	4355	4794