DATE IN	3-05 SUSPENS	E ENGINEEDYLS LOGGED IN TYPE DITC PROPIND 10503449171
	·]	ABOVE THIS LINE FOR DIVISION USE ONL NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau - 1220 South St. Francis Drive, Santa Fe, NM 87505
·		ADMINISTRATIVE APPLICATION CHECKLIST
	ils CHECKLIST IS M	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
	[NSL-Non-Star [DHC-Down [PC-Po	idard 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 [A]	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 PLC PC OLS OLM
· · ·	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
	[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
e generale në dhe		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.

[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.

Print or Type Name

Title

e-mail Address



2700 Farmington Ave, K-1 Farmington, NM 87401 Phone: (505) 324-1090 FAX: (505) 564-6700

February 1, 2005

Mr. Will Jones New Mexico Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, NM 87505 RECTIVED

FED 0 8 2005

OIL CONSERVATION DIVISION

Subject: Application for Downhole Commingle Dryden LS #4 Unit H Sec 12-T27N- R08W; 30-045-06675 Blanco-Mesaverde/Otero-Chacra/South Blanco Pictured Cliffs NMNM 103797; San Juan, NM

Dear Mr. Jones:

Enclosed please find an administrative application form (C107A) and attachments for downhole commingling for the captioned well. All interests are common in all zone's. Commingling of zones will not reduce the recovery of the three pools, will improve recovery of liquids, thus eliminating redundant surface equipment. Waste will not result and correlative rights will not be violated. Notice of our intent has been filed with the BLM on form 3160-5.

Any questions pertaining to this matter, please call me at (505) 324-1090.

Sincerely, Runoll Scale for

Holly C. Perkins V Regulatory Compliance Tech

xc: Wellfile OCD, Aztec Office BLM, Farmington

			19. A.	
Submit 3 Copies To Appropriate District	State of	f New Mexico		Form C-103
Office District I	Energy, Mineral	s and Natural Re	sources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240				WELL API NO.
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSER	VATION DIVI	SION	30-04-06675
District III	1220 Sou	th St. Francis D	r.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa I	Fe, NM 87505		6. State Oil & Gas Lease No.
District IV 1220 S. St. Francis Dr., Santa Fe, NM		•••••••••		0. State Off & Gas Lease No.
87505				
	CES AND REPORTS (7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR. USE "APPLIC				DRYDEN LS
PROPOSALS.)				8. Well Number 4
	Gas Well 🔀 Other			
2. Name of Operator				9. OGRID Number
XTO Energy Inc.				167067 10. Pool name or Wildcat
3. Address of Operator 2700 Farmington Ave, Suite K-1, F	armington NM 87401			BLANCO-MV/OTERO-CH/S BLANCO PC
				BEARCO-MATOTERO-CHI'S BEARCOTC
4. Well Location				
Unit Letter <u>H</u> :	<u>1650</u> feet from th			
Section 12	Township	27N Range		
	11. Elevation (Show)		RT, GR, etc.	
Pit or Below-grade Tank Application 🗌 o		6711' GR		
Pit typeDepth to Groundwa	iterDistance from n	earest fresh water we	I Dis	tance from nearest surface water
Pit Liner Thickness: mil	Below-Grade Tank: V	olume	bbls; Co	onstruction Material
12. Check A	Appropriate Box to I	Indicate Nature	of Notice,	Report or Other Data
PERFORM REMEDIAL WORK	PLUG AND ABANDO CHANGE PLANS MULTIPLE COMPL		NG/CEMEN	
	leted operations. (Clear	rly state all pertine	nt details, an	d give pertinent dates, including estimated date ttach wellbore diagram of proposed completion
	he S. Blanco Pictured C	liffs pool (72439).	See attachn	ction from the Blanco Mesaverde pool (72319), ments for supporting documentation and plats
roposed Gas Allocation:	Mesaverde-43%	Chacra-17%	Pictured C	Cliffs-40%
•	Mesaverde-86%	Chacra-14%	Pictured C	
•	Mesaverde-86%	Chacra-14%	Pictured C	Cliffs-0%
				e and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan .
ignature Runslineale for	9			MPLIANCE TECH DATE 02/01/05
Type or print nameHolly C. PoFor State Use Only	erkins E-mail addr	ess: holly_perkins(@xtoenergy.	com Telephone No. 505 564-6720

APPROVED BY:	
Conditions of Approval (if any):	

					State of Ne	ew Mexico		,			
District I 1625 N. French Dr.	, Hobbs, NM	1 88240	E	nergy, Min	erals & Natur	al Resources D	epartn	nent	Re	vised A	Form C-102 August 15, 2000
District II 811 South First,	Artosia NR	1 88210									0
District III						TION DIVIS		·	Submit to A		riate District Office
1000 Rio Brazos District IV	Rd., Aztec,	NM 87410		12		St. Francis Dr				Sta Fe	te Lease - 4 Copies ee Lease - 3 Copies
1220 S. St. Francis	Dr., Santa F	e, NM 87505	;		Santa Fe, I	NM 87505					•
		W	VELL LC	CATION	AND AC	REAGE DEI	DICA	TION PL	AT 🗆] '	AMENDEDED REPORT
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⁴ Property C					⁵ Propert	y Name YDEN LS					Well Number
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16706					XTO ENER						6711 GL
					¹⁰ Surface			<u></u>			0/11/02
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UL or lot no.	Section	Township		Lot Idn	Feet from the	North/South lin		Feet from the	East/We	st line	County
¹² Dedicated Acres	s ¹³ Joint o	r Infill ¹⁴	Consolidation	Code ¹⁵ Or	der No.						
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									al Signed	by:	
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								1760)		
								Certificate	Number		

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840' Regulatory Compliance Tech Title 1/31/05 Date Date 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. October 21, 1958 Date of Survey Original Signed by: David Vilven 1760 1760		[Holly C	. Perkins			
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12 Title 1/31/05 Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on I hereby certify that the well location shown on I hereby certify that the well location shown on I hereby certify that the well location shown on 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. October 21, 1958 Date of Survey Original Signed by: David Vilven 1760								-	Bagula	om Compliand	a Taab		
12 Date 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. October 21, 1958 Date of Survey Original Signed by: David Vilven 1760										ory Compliant			
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Original Signed by: David Vilven 1760									Octobe Date of	er 21, 1958			
1760									Origir	nal Signed b	by:		
									David				
										e Number			

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District I 1625 N. French Dr. District II	., Hobbs, NM	1 88240	E	nergy, Min	State of Ne erals & Natura	w Mexico Il Resources Depa	ortment	Revised A	Form C-102 August 15, 2000				
811 South First, District III 1000 Rio Brazos District IV	Rd., Aztec,	NM 87410				TION DIVISIO t. Francis Dr. M 87505	DN Su	Stat	riate District Office te Lease - 4 Copies se Lease - 3 Copies				
1220 S. St. Francis	Dr., Santa F		ELL LO	CATION	N AND ACF	REAGE DEDIO	CATION PLA		AMENDEDED REPORT				
	API Numbe			² Pool Code			³ Pool Name BLANCO-MES						
⁴ Property C 22604		00/5		72319	⁵ Property DRY		⁶ Well Number 4						
⁷ OGRID 16706					⁸ Operator XTO ENER			⁹ Elevation 6711 GL					
UL or lot no. H	Section 12	Township 27N	Range 08W	Lot Idn	¹⁰ Surface I Feet from the 1650	Location North/South line NORTH	Feet from the 840	East/West line EAST	County SAN JUAN				
UL or lot no.	Section	Township	¹¹ Bott Range	tom Hole Lot Idn	Location If Feet from the	Different From North/South line	n Surface Feet from the	East/West line	County				
¹² Dedicated Acres N2 320	s ¹³ Joint or	r Infill ¹⁴ C	onsolidation	Code ¹⁵ Or	der No.	<u> </u>							
		.	STANI	DARD UNI	Γ HAS BEEN A	PPROVED BY TH	OPERA I hereby ce	TOR CERTI ertify that the infor- true and complete knowledge and t	mation contained to the best of my				
						840'	Holly C. I Printed Nam Regulator Title 1/31/05		} 				
		<u></u> .		12			Date	YOR CERT	IFICATION				
							this plat wa. surveys mad	tify that the well lo s plotted from field de by me or under t e same is true and o best of my belief.	notes of actual my supervision, correct to the				
							October Date of S Origina David V	21, 1958 Survey I Signed by:					
							1760 Certificate N	umber					

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DISTRICT I		State of Ne	W Mexico	tc-3396		Form Revised June	C-107
625 N. French Dr., Hobbs, NM 88240 ISTRICT_II	Energ	y, Minerals and	Natural Re	sources		APPLICATIO	
301 W. Grand Avenue, Artesia, NM 88210 ISTRICT III		Oil Conservat	tion Division			_X Sin	gle W
000 Rio Brazos Rd, Aztec, NM 87410 ISTRICT IV		1220 South St Santa Fe, New				lish Pre-Approv XISTING WEL	
20 S. St. Francis Dr., Santa Fe, NM 87505	APPLICATI	ON FOR DOWN			Ľ	X_Yes	
XTO Energy Inc.		2700	Farmington	Ave.,Bldg.K.S	te 1 Farming	ton, NM 87401	
perator	4	Address	12	27N 08W	san ju	AN	
ease	Well No.		Section-Township-Ra	ange		unty	
<u> </u>	ode 22604	API No. <u>30-(</u>			Type: <u>X</u> Fede		_ Fee
DATA ELEMENT	UPPE	RZONE	INTERM	EDIATE ZONE	E LO	WER ZONE	
	V	/					
Pool Name	S BLANCO-PI	CTURED CLEFFS	OTE	RO-CHACRA	BLAN	CO-MESAVERDE	
Pool Code	72	2439 🗸		82329		82319	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	316	6-3213	40	40-4100		4952-5486	-
Method of Production (Flowing or Artificial Life)	FL	OWING	F	LOWING		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	<u></u>						
(Degree API or Gas BTU) Producing, Shut-In or				······································		,	
New Zone	NEA	ZONE	N	ew zone		PRODUCING	
Date and Oil/Gas/Water Rates of Last Production (Note: For new zones with no production history,	Date: Rates:		Date: Rates:		Date: Rates:		
applicant shall be required to attach production estimates and supporting data.)	Date: Rates:		Date: Rates:		Date: Rates:		
Fixed Allocation Percentage Note: If allocation is based upon something other han current or past production, supporting data or explanation will be required.)	Oil: %	Gas: %	Oil: 14	Gas: % 17	0il: % 86	Gas: % 43	%
		·					
re all working, overriding, and royalty inte not, have all working, overriding, and roy	alty interests been not	tified by certified mail?		Yes	No No No		
re all produced fluids from all commingled	-	th each other?			No		
this well is on, or communitized with, stat	e or federal lands, has			ls			
the United States Bureau of Land Manage MOCD Reference Case No. applicable to 1		n writing of this applica	ation?	Yes <u>X</u>	No		
TTACHMENTS: C-102 for each zone to be commingled Production curve for each zone for at 1 For zones with no production history, Data to support allocation method or f Notification list of all offset operators. Notification list of working, overriding Any additional statements, data, or door	I showing its spacing least one year. (If no estimated production formula. , and royalty interests	t available, attach expla rates and supporting d s for uncommon interes	anation.) lata.				
application is to establish Pre-Approved P	ools, the following ac	ditional information w	ill be required:				··· ····
st of other orders approving downhole cor st of all operators within the proposed Pre oof that all operators within the proposed ottomhole presssure data. ereby certify that the information above is	-Approved Pools Pre-Approved Pools	were provided notice of	of this application.				
GNATURE Qualler	per shally C	Perkins	TITLE REG.	COMPLIANCE TI	SCH DATE	02/01/05	
PE OR PRINT NAME HOLLY C.			· · · · · · · · · · · · · · · · · · ·	TELEPHONE NO.	(<u>505)</u> 5	64-6720	
MAIL holly perkins@xtoen	arow com						

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Dryden #4 Workover 9 Section Reserve Analysis

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Reservoir	Average Oil EUR (bbl)	Oil % & H2O %	Average Gas EUR (Mscf)	Gas %
Pictured Cliffs	0	0	431047	40
Chacra	351	14	179593	17
Mesaverde	2233	86	455045	43
Total	2583		1065685	

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Dryden #4 Chacra Recompletion Offset Analysis Section 12 T27 R8

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Vater	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	10	0			8.1	4 4		- c	5 5	- c	- - -	<u>i</u> c		, 10	0	0	0.3	-	0	0.1	0	0	1.0	o	0	0.1			c	, o	00		5
Last Water																																																
Last Gas	5.3	e	9.9	7.8	5.6	4	37.2	24.4	=	14.6	0.7	2.1	1.6	0	21	62	41.8			.88	100.1	25.7		6.00 6.78	2	0.0	0.10 7 7 0	2.2	43.4	28	6.5	51.5	43.4	2.9	109.3	97.4	215.5	79.8	66	161.8	117.6			39.1	40.5	200	1	<u>c</u> .
	0	0	•	0	0	0	0 (0	0	0	0	o	0	0	0	0	0			÷		<u>-</u>	5	2 10	5			7 0	0.0	; o	0	0.3	0.1	0	0.3	0.6	12	0.2	0.7	0.1	0.1			c	о с) C		2
	173539	124670	99829	98189	45994	244321	598579	160788	96686	208307	150368	67208	66614	53590	260715	297499	306193	3053089	SRORIL	109934	047460	21/11U	000110	04011	10870	20100	070100	0504U	ERERG3	73392	340837	720394	1466602	738447	1147450	17529	45259	273617	1165045	744054	567390	10010983	465045	1000439	BORDED	478600	000014	n/ACAA
OII EUR (4	0	22	0	0	2372	1864	1623	0	0	0	0	•	0	0	14	•	6969 555	Lec	1647	1000	1062	0.00	4	110	100	7007	030 1900	2224	1	241	5751	5609	2621	4682	§	253	1088	2965	2628	1457	49120	2233	c	o c	> c	2	8
Vater Cum	•	0	0	0	88	0	0	•	0	0	0	0	16	0	0	6240	0	6294		7080		1524	011	1460	0080	1979	0081		f a	429	0	3168	2365	0	184	0	0	330	0	103	83	38137		ç	v a	» c	.	D
Gas Cum Water Cum	173539	124670	99829	99174	45994	244321	438354	160788	96686	208307	150368	67208	66614	53590	260715	50 390	22737	2363284		109934	00000	21/110	0051/0	846//	82954	305152	361023	046040	2,00012	23397	340837	720394	1466602	738447	1147450	17529	45259	273617	1165045	744054	567390	10010983		000130		002029	4/ 8000	995970
Olicum	14	0	72	0	0	2372	1864	1623	0	0	0	0	0	0	0	15	0	5960		1647	į	2301	1980/	2	119	687	2882	835	1007	777	241	5751	5609	2621	4682	<u>6</u>	253	1088	2965	2628	1457	49120		c	5 0	5 0	2	R
DLP	19860201	20040301	19801101	20040301	19871201	19881101	20040301	19971101	19850501	19990501	19880301	1020066	1980301	10890701	19900201	20040201	20040201			1000000		20040601	2004002	20040601	20040601	20040601	20040601	20040601		20040001	20040601	20040601	20040601	19880401	20040601	20040601	20040601	20040601	19940201	20040601	20040601					20040601	10/06661	20040601
0FP	19720701	19800401	19720701	19800401	19750901	19720701	19730501	19730501	19731201	19731201	19731201	19750901	19740601	19750901	19761001	20020601	20010401			20020101		20010601	19580501	20020601	20020401	19580201	19981001	19980401	10200201	19090/01	19581101	19851001	19790201	19720801	19800401	20040101	20031201	19940901	19720701	19941001	19940101			10000101	10600/61	19/4001	19531201	19550501
Spot	s	s	s	z	s	z	s	s	z	s	s	z	s	z	z	z	s			Ű	,	<i></i> о о	<i>i</i> n :	z:	z	<u>ہ</u>	ŝ	ω:	zι	0 Z	2 00	z	s	s	z	z	s	z	ż	s	z			6	n a	ກເ	'n	z
Range	8W	8W	8W	8W	8W	8W	8W	8W	8W	8W	8W	M2	۸۲ ۷	ML	M2	M2	8W			MA		₹ i	M	ž	×.	Ž	ž	×.		A NO	MB MB	8W	8W	8	8W	8W	W8	8W	8W	8W	8W			Ĩ	Z F	N F	M.	ML
n Town	13 27N	13 27N	11 27N	11 27N	1 27N	11 27N	13 27N	14 27N	11 27N	13 27N	14 27N	6 27N			18 27N	7 27N	2 27N			N10 9			6 27N	7 27N		7 27N	18 27N		N/Z BL	N/7 81				11 27N	11 27N	11 27N				0 2/N		6 2/N	6 27N					
Section																				ų			B		Ш	Ц	Ц		52	10			De	DE	DE	DE	DE	ы	DE	DE	DE				CLIFFS	CLIFFS	CLIFFS	CLIFFS
Well # Reservoir	3 CHACRA	6 CHACRA	1 CHACRA	2 CHACRA	2 CHACRA	1 CHACRA	2 CHACRA	3 CHACRA	4 CHACRA	5 CHACRA	6 CHACRA		9 CHACRA	1 CHACRA	5 CHACRA	4 CHACRA	7 CHACRA						5 MESAVERDE	_				-		9 MESAVERDE	1 MESAVERUE 7 MESAVERUE	MESAVER	7 MESAVERDE	1 MESAVER	MESAVERDE	MESAVER	MESAVER	MESAVER	1 MESAVER	MESAVER	MESAVER				150 PICTURED	168 PICTURED	3 PICTURED	37 PICTURED
Weil #		-					-	,		.,	-	117	168	201	205	244	47			1900	MOC7	254M	8	244	244M	8	109M	113	113M	80 •		78	47		4	B	₽	Ħ		₹	Ħ			į	<u>6</u>	₽		ę
Well Name	FEDERAL E	FEDERAL E	FEDERAL J	FEDERAL J	HOWELL F	LARGO FEDERAL	SAN JUAN 28 7 UNIT	STATE COM	Sum	Average		NAU JUAN 20 / UNII	SAN JUAN 28 7 UNIT	SAN JUAN 28 7 UNIT			SAN JUAN 28 7 UNIT I		BROOKHAVEN COM F 7A	STATE COM	FEDERAL J	LARGO FEDERAL	LARGO FEDERAL	LARGO FEDERAL	Sum	Averæge		SAN JUAN 28 7 UNIT																				

0	0	0	0	0	0	0	0	•	0	0	0	0	0	0	0	0	0		
1.3	9.8	16.3	25.4	*-	4.	5.1	0.2	22.8	14.6	22.6	-	23.2	22.8	8.5 2	60.2	1.8	5.8		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
286149	393735	630900	757517	404464	117539	171034	247052	336766	147689	334445	102205	276824	83096	210724	914126	478298	222630	9483031	431047
0	0	0	0	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
0	0	0	6	0	0	0	0	0	2	•	0	371	0	195	0	0	0	605	
286149	393735	630900	757517	404464	117539	171034	247052	336766	147689	334445	102205	276824	83096	210724	914126	478298	222630	9483031	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	R	
19960301	20040601	20040601	20040601	19960501	19811001	20040601	19900301	20040501	20040501	19891201	19860401	20040601	19780901	19950701	19811001	19851101	19910901		
19750901	19550501	19520801	19580201	19610801	19550701	19550701	19721101	19750901	19851101	19581101	19600601	19790201	19701201	19701201	19571001	19571101	19550601		
z	s	S	s	s	s	z	S	s	z	s	z	s	s	z	z	z	s		
Ŵ,	ML	Ň	W 2	Ž	₹	Ň	8W	8W	BW	8W	8W	8 W	8W	8W	8W	8W	8W		
7 27N	7 27N	7 27N	7 27N	18 27N	18 27N	18 27N	1 27N	1 27N	1 27N	2 27N	2 27N	2 27N	11 27N	11 27N	11 27N	11 27N	12 27N		
201 PICTURED CLIFFS	38 PICTURED CLIFFS		86 PICTURED CLIFFS	122 PICTURED CLIFFS	39 PICTURED CLIFFS	40 PICTURED CLIFFS	19 PICTURED CLIFFS	2 PICTURED CLIFFS	3 PICTURED CLIFFS	7 PICTURED CLIFFS	1 PICTURED CLIFFS	47 PICTURED CLIFFS	1 PICTURED CLIFFS	2 PICTURED CLIFFS	5 PICTURED CLIFFS	6 PICTURED CLIFFS	2 PICTURED CLIFFS		
SAN JUAN 28 7 UNIT	SAN JUAN 28 7 UNIT	SAN JUAN 28 7 UNIT	SAN JUAN 28 7'UNIT	SAN JUAN 28 7 UNIT	SAN JUAN 28 7 UNIT	SAN JUAN 28 7 UNIT ?	BLANCO LS	HOWELLF	HOWELL F	BROOKHAVEN COM F	SENGES COM	STATE COM	OXNARD	OXNARD	SAN JUAN 27 B C	SAN JUAN 27 B C	BOLACK B LS	Sum	Average