E-mail address:

18

TITLE-UPERVISOR DISTRICT # 3

PHONE <u>505-333-3630</u>

MAR 2 2 2011

Type or print name WANETT MCCAULEY

Conditions of Approval (if any):

For State Use Only

APPROVED BY

Allocations are based off of projected EURs for 160-acre infill wells in the 12-section that had at least 20 years of Dakota production prior to adding the Gallup intervals. The analysis was careful to use allocated production from the Dakota that had remained consistently on trend both before and after adding the new Gallup zone. The average EURs for oil, gas and water from the Berger 2-E and the OH Randel 7 wells were used.

	30045247490000 RANDEL, OH 7 DAKOT/	30045247490000 RANDEL, OH 7 GALLUP	30045247520000 BERGER 2E	30045247520000 BERGER 2E	API LEASE NAME NO. RESERVOIR Sec
	7 DAKOTA	7 GALLUP	GALLUP	DAKOTA). RESERVOIR
	15 26 N 11 W XTO ENERGY:	15 26 N 11 W XTO ENERGY	23 26 N 11 W XTO ENERGY	23 26 N 11 W XTO ENERGY	Location OPERATOR
	19820131	20060630	20020331	19810731	1st PROD
	20100801	20100801	20100801	20100801	1st PROD LAST PROD CUM OIL CUM GAS CUM WATER
Dako Gallı	2,812	5,051	7,165	3,174	CUM OIL
Dakota Average Gallup Average TOTAL	590,976	32,412		730,495	CUM GAS
6,448 2,693 9,141				6,518	CUM WATER I
3,126 11,021 14,147	3,055	13,431	8,610	3,197	ÜR OIL
705,111 310,986 1,016,097				751,264	EUR GAS DLY OIL DLY GAS
	0.2	4.2	1.1	0	DLY OIL
		23.1		21.1	DLY GAS
	2.3	1.7	0.8	0	DLY WAT

	% Production	on	
	Oil	Gas	Water
Dakota	22%	69%	71%
Gallup	78%	31%	29%
Total	100%	100%	100%