NORTH SQUARE LAKE UNIT
OFFSET PERFORMANCE

	OFFSET PROJECTS NOT WATERFLOODED							OFFSET WATERFLOODS		
	BURCH KEELY	DODD A	DODD B	G J WEST	TURNER A	TURNER B	TOTAL/ AVERAGE	DEVON	SKELLY	TOTAL/ AVERAGE
ACRES	5,160	600	680	2,400	680	1,800	11,320	5,120	4,080	9,200
80 ACRE WELLS										
PROD WELLS	57	9	10	35	16	49	**176**	41	71	**112**
EUR	13,614,000	787,500	587,500	1,576,000	1,775,000	5,144,000	**23,484,000**	5,844,000	10,213,000	**16,057,000**
EUR/WELL	238,842	87,500	58,750	45,029	110,938	104,980	**133,432**	142,537	143,845	**143,366**
EUR/ACRE	2,638	1,313	864	657	2,610	2,858	**2,075**	1,141	2,503	**1,745**
ACRE/WELL	91	67	68	69	43	37	**64**	125	57	**82**
40 ACRE WELLS										
PROD WELLS	145	10	11	25	17	18	**226**	40	94	**134**
INC EUR	10,867,000	787,500	587,500	2,490,000	1,775,000	1,849,000	**18,356,000**	3,645,000	1,428,000	**5,073,000**
EUR/WELL	74,945	78,750	53,409	99,600	104,412	102,722	**81,221**	91,125	15,191	**37,858**
EUR/ACRE	2,106	1,313	864	1,038	2,610	1,027	**1,622**	712	350	**551**
ACRE/WELL	26	32	32	40	21	27	**28**	63	25	**69**
RATIO TO 80	31%	90%	91%	221%	94%	98%	**61%**	64%	11%	**26%**
20 ACRE WELLS										
PROD WELLS	102	27	29	55	14	37	**264**	94	74	**168**
INC EUR	25,784,000	2,138,000	2,679,000	7,207,000	756,000	2,837,000	**41,401,000**	5,353,000	4,161,000	**9,514,000**
EUR/WELL	252,784	79,185	92,379	131,036	54,000	76,676	**156,822**	56,947	56,230	**56,631**
EUR/ACRE	4,997	3,563	3,940	3,003	1,112	1,576	**3,657**	1,046	1,020	**1,034**
ACRE/WELL	17	13	14	21	14	17	**17**	29	17	**22**
RATIO TO 80	106%	90%	157%	291%	49%	73%	**118%**	40%	39%	**40%**
RATIO TO 40	337%	101%	173%	132%	52%	75%	**193%**	62%	370%	**150%**
RATIO TO AVG	161%	95%	165%	181%	50%	74%	**146%**	49%	71%	**62%**
					Eff =143%					
ALL WELLS										
PROD WELLS	304	46	50	115	47	104	**666**	175	239	**414**
EUR	50,265,000	3,713,000	3,854,000	11,273,000	4,306,000	9,830,000	**83,241,000**	14,842,000	15,802,000	**30,644,000**
EUR/WELL	165,345	80,717	77,080	98,026	91,617	94,519	**124,986**	84,811	66,117	**74,019**
EUR/ACRE	9,741	6,188	5,668	4,697	6,332	5,461	**7,353**	2,899	3,873	**3,331**
	Note: Only 2 wells drilled as injectors				Note: 20 acre Infill wells are replacemet wells	Note : 35 wells conv to injection		Note: All 20 acre patterns developed	Note: 84 wells conv to injection	

Note: If 80 acre and 40 acre well data is the same, early time data was not available to differentiate groups.

Russell K. Hall and Associates, Inc.
Reservoir Evaluation Engineers
11/12/01

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 12112 (Reopened) Exhibit No. 3
Submitted by:
VANCO OIL & GAS CORP.
Hearing Date: March 7, 2002