

ALLOCATION PERCENTAGE CHANGES QUARTERLY

ALLOCATION PERCENT IS IDENTICAL FOR DATA
OIL, WATER, AND GAS

Oil Rate= 23.105	Decline = 0.12588		Oil Rate= 60	Decline = 0.3							
n= 0.98			n= 0.98			Allocation Percent					
"BONE SPRING"			COMMINGLED			Monthly <i>WTR</i> Quarterly					
DATE	OIL	WTR	GAS	DATE	OIL	WTR	GAS	Bn. Spr.	Wolfcamp	Bn. Spr.	Wolfcamp
1/1/96	23.1		46.2	1/1/96	60.0		120.0	0.385	0.615		
2/1/96	22.9		45.7	2/1/96	58.5		117.0	0.391	0.609	0.391	0.609
3/1/96	22.6		45.3	3/1/96	57.1		114.3	0.396	0.604		
4/1/96	22.4		44.8	4/1/96	55.8		111.5	0.402	0.598		
5/1/96	22.2		44.3	5/1/96	54.5		109.0	0.407	0.593	0.407	0.593
6/1/96	21.9		43.9	6/1/96	53.2		106.5	0.412	0.588		
7/1/96	21.7		43.4	7/1/96	52.1		104.2	0.417	0.583		
8/1/96	21.5		43.0	8/1/96	50.9		101.9	0.422	0.578	0.422	0.578
9/1/96	21.3		42.6	9/1/96	49.8		99.7	0.427	0.573		
10/1/96	21.1		42.2	10/1/96	48.8		97.7	0.432	0.568		
11/1/96	20.9		41.8	11/1/96	47.8		95.6	0.437	0.563	0.437	0.563
12/1/96	20.7		41.4	12/1/96	46.9		93.8	0.441	0.559		
1/1/97	20.5		41.0	1/1/97	45.9		91.9	0.446	0.554		
2/1/97	20.3		40.6	2/1/97	45.1		90.1	0.450	0.550	0.450	0.550
3/1/97	20.1		40.2	3/1/97	44.3		88.5	0.454	0.546		
4/1/97	19.9		39.8	4/1/97	43.4		86.9	0.459	0.541		
5/1/97	19.7		39.5	5/1/97	42.7		85.3	0.463	0.537	0.463	0.537
6/1/97	19.6		39.1	6/1/97	41.9		83.8	0.467	0.533		
7/1/97	19.4		38.8	7/1/97	41.2		82.3	0.471	0.529		
8/1/97	19.2		38.4	8/1/97	40.4		80.9	0.475	0.525	0.475	0.525
9/1/97	19.0		38.1	9/1/97	39.7		79.5	0.479	0.521		
10/1/97	18.9		37.8	10/1/97	39.1		78.2	0.483	0.517		
11/1/97	18.7		37.4	11/1/97	38.4		76.9	0.487	0.513	0.487	0.513
12/1/97	18.6		37.1	12/1/97	37.8		75.7	0.491	0.509		
1/1/98	18.4		36.8	1/1/98	37.2		74.4	0.494	0.506		
2/1/98	18.2		36.5	2/1/98	36.6		73.2	0.498	0.502	0.498	0.502
3/1/98	18.1		36.2	3/1/98	36.1		72.2	0.501	0.499		
4/1/98	17.9		35.9	4/1/98	35.5		71.1	0.505	0.495		
5/1/98	17.8		35.6	5/1/98	35.0		70.0	0.508	0.492	0.508	0.492
6/1/98	17.6		35.3	6/1/98	34.5		69.0	0.512	0.488		
7/1/98	17.5		35.0	7/1/98	34.0		68.0	0.515	0.485		
8/1/98	17.4		34.7	8/1/98	33.5		67.0	0.518	0.482	0.518	0.482
9/1/98	17.2		34.4	9/1/98	33.0		66.0	0.522	0.478		
10/1/98	17.1		34.2	10/1/98	32.6		65.1	0.525	0.475		
11/1/98	17.0		33.9	11/1/98	32.1		64.2	0.528	0.472	0.528	0.472
12/1/98	16.8		33.6	12/1/98	31.7		63.4	0.531	0.469		
1/1/99	16.7		33.4	1/1/99	31.3		62.5	0.534	0.466		
2/1/99	16.6		33.1	2/1/99	30.8		61.7	0.537	0.463	0.537	0.463
3/1/99	16.4		32.9	3/1/99	30.5		60.9	0.540	0.460		
4/1/99	16.3		32.6	4/1/99	30.1		60.1	0.543	0.457		
5/1/99	16.2		32.4	5/1/99	29.7		59.4	0.546	0.454	0.546	0.454
6/1/99	16.1		32.1	6/1/99	29.3		58.6	0.548	0.452		
7/1/99	16.0		31.9	7/1/99	28.9		57.9	0.551	0.449		
8/1/99	15.8		31.7	8/1/99	28.6		57.2	0.554	0.446	0.554	0.446
9/1/99	15.7		31.4	9/1/99	28.2		56.5	0.557	0.443		
10/1/99	15.6		31.2	10/1/99	27.9		55.8	0.559	0.441		
11/1/99	15.5		31.0	11/1/99	27.6		55.1	0.562	0.438	0.562	0.438
12/1/99	15.4		30.8	12/1/99	27.2		54.5	0.565	0.435		
1/1/00	15.3		30.5	1/1/00	26.9		53.8	0.567	0.433		
2/1/00	15.2		30.3	2/1/00	26.6		53.2	0.570	0.430	0.570	0.430
3/1/00	15.1		30.1	3/1/00	26.3		52.6	0.572	0.428		
4/1/00	15.0		29.9	4/1/00	26.0		52.0	0.575	0.425		
5/1/00	14.9		29.7	5/1/00	25.7		51.5	0.577	0.423	0.577	0.423
6/1/00	14.7		29.5	6/1/00	25.5		50.9	0.579	0.421		
7/1/00	14.6		29.3	7/1/00	25.2		50.4	0.582	0.418		
8/1/00	14.5		29.1	8/1/00	24.9		49.8	0.584	0.416	0.584	0.416
9/1/00	14.4		28.9	9/1/00	24.6		49.3	0.586	0.414		
10/1/00	14.4		28.7	10/1/00	24.4		48.8	0.589	0.411		
11/1/00	14.3		28.5	11/1/00	24.1		48.2	0.591	0.409	0.591	0.409
12/1/00	14.2		28.3	12/1/00	23.9		47.8	0.593	0.407		
1/1/01	14.1		28.1	1/1/01	23.6		47.3	0.595	0.405		
2/1/01	14.0		28.0	2/1/01	23.4		46.8	0.598	0.402	0.597	0.403
3/1/01	13.9		27.8	3/1/01	23.2		46.3	0.599	0.401		
4/1/01	13.8		27.6	4/1/01	22.9		45.9	0.602	0.398		
5/1/01	13.7		27.4	5/1/01	22.7		45.4	0.604	0.396	0.604	0.396
6/1/01	13.6		27.3	6/1/01	22.5		45.0	0.606	0.394		
7/1/01	13.5		27.1	7/1/01	22.3		44.6	0.608	0.392		
8/1/01	13.5		26.9	8/1/01	22.1		44.1	0.610	0.390	0.610	0.390
9/1/01	13.4		26.7	9/1/01	21.9		43.7	0.612	0.388		
10/1/01	13.3		26.6	10/1/01	21.7		43.3	0.614	0.386		
11/1/01	13.2		26.4	11/1/01	21.4		42.9	0.616	0.384	0.616	0.384
12/1/01	13.1		26.3	12/1/01	21.3		42.5	0.618	0.382		
1/1/02	13.0		26.1	1/1/02	21.1		42.1	0.619	0.381		
2/1/02	13.0		25.9	2/1/02	20.9		41.7	0.621	0.379	0.621	0.379
3/1/02	12.9		25.8	3/1/02	20.7		41.4	0.623	0.377		
4/1/02	12.8		25.6	4/1/02	20.5		41.0	0.625	0.375		
5/1/02	12.7		25.5	5/1/02	20.3		40.7	0.627	0.373	0.627	0.373
6/1/02	12.7		25.3	6/1/02	20.1		40.3	0.628	0.372		
7/1/02	12.6		25.2	7/1/02	20.0		40.0	0.630	0.370		