

**Examples of Morrow Producers in Diamond Mound Field and Buffalo Valley Field
Reservoir Determinations**

Well Name / Location	Field Name	BHPi, psia	Net Pay, ft	Porosity	Yield, bbls/mcf	EUR, Bcf	Drainage Area, Acres
Long Arroyo MQ Fed Com #1 Sec. 25-T14S-R27E	Buffalo Valley	2,200	12	0.10	0.003	1.012	215
Midwest Com #1 Sec. 6-T15S-R28E	Buffalo Valley	3,180	52	0.12	0.009	3.443	95
State ET Gas Com #1 Sec. 36-T15S-R27E	Diamond Mound	3,500	12	0.09	0.005	3.135	470
Derrick Fed Com #1 Sec. 5-T16S-R28E	Diamond Mound	3,150	22	0.08	0.007	3.091	295
Crow Flats 10 Fed #1 Sec. 10-T16S-R28E	Diamond Mound	3,100	17	0.09	0.009	1.272	150
Windmill ATI State #1 Sec. 16-T15S-R28E	Buffalo Valley	2,100	24	0.10	0.006	1.035	120
Mesa State Com #1 Sec. 31-T15S-R28E	Diamond Mound	3,000	10	0.13	0.006	1.521	205
Harris Fed #4 Sec. 26-T15S-R27E	Buffalo Valley	2,200	14	0.08	0.004	0.660	150
Harris Fed #10 Sec. 22-T15S-R27E	Buffalo Valley	2,495	12	0.11	0.002	0.950	155

Field Summary Information

Buffalo Valley

Discovery Well: 2/62 Cities Service Beatza #1, Sec. 35-T14S-R27E

Number of Morrow wells drilled and completed to date: 52 wells

Cumulative production range: 14,000 Mcf to 11.5 BCF

Drainage area range: 3 acres to 780 acres

Diamond Mound

Discovery Well: 3/78 Ocean Energy Inc. Diamond Mound Fed #1, Sec. 1-T16S-R27E

Number of Morrow wells drilled and completed to date: 49 wells

Cumulative production range: 1,000 Mcf to 7.1 BCF

Drainage area range: 1 acre to 630 acres

OIL CONSERVATION DIVISION
CASE NUMBER 12778
EXHIBIT 8