



Original Gas In Place - MCF								
Drainage Area = 43,560 <u>SQ.FT.</u> x ø x (1.0-Sw) x <u>Rp</u> x <u>520</u> x <u>1</u> x h x .001								
AC. 15.025 Rt Z								
Well Data	Operator: Well Name: Well No.:	Llano GRMU No. 1	Llano GRMU No. 2	Llano GRMU No. 3	Llano GRMU No. 4	Llano Gov't A No. 1	Getty 35 State No. 1	Average Well
- <u></u>								
Primary Gas Production - MCF Primary Oil Production - EQ. MCF (1) Remaining Primary Reserves - MCF (2) Ultimate Producible Reserves - MCF Recovery Efficiency - % Original Gas In Place - MCF		6,997,911 71,729 21,742 7,091,382 .80 8,864,228	5,897,450 82,922 21,742 6,002,114 .80 7,502,642	25,655 318,519	2,641,051 65,748 -0- 2,706,799 .80 3,383,499	1,500,00035,000-0-1,535,000.801,918,750	5,000,000 70,000 -0- 5,070,000 .80 6,337,500	3,982,210 58,509 <u>60,334</u> 4,101,053 <u>.80</u> 5,126,317
Thickness of Net Productive Sands - h (ft.) Average Porosity - Ø (%) Average Formation Water Saturation - Sw (%) Initial Reservoir Pressure - Rp (psia) Reservoir Temperature - Rt (^O R) Specific Gravity of Gas - G Supercompressibility Factor - Z		24 10.0 30 7614.2 644 .590 1.210	20 8.8 30 7695.2 637 .596 1.217	$ \begin{array}{r} 15\\ 10.5\\ 30\\ 5230.2\\ 632\\ .628\\ 1.238\\ \end{array} $	16 7.1 30 7671.2 638 .595 1.215	6 7.0 30 7017.2 644 .610 1.160	23 10.3 30 7468.2 636 .595 1.215	17.3 9.3 30 7116.0 638 .602 1.209
Calculated Drainage Area - (acres)		358	407	248	285	461	262	327

(1) Condensate production has been converted to equivalent MCF at the rate of 3.5 MCF/STBO.

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(2) Remaining Primary Reserves agreed to by Llano and State of New Mexico prior to commencement of gas storage operations. The volumes were calculated from extrapolations of BHP/Z vs. Cumulative Production plots.

The foregoing table has been compiled solely for those Grama Ridge Morrow (Gas) Field wells which are or have been producing only from the Morrow Sand interval located below the Morrow Clastics Zone.

358 407 248 1298 acres LLANO, INC. EXHIBIT "E" CALCULATED DRAINAGE AREA OF FIELD WELLS GRAMA RIDGE MORROW (GAS) FIELD LEA COUNTY, NEW MEXICO Le Las e $\odot N$ 2 E CASENO. 6496 59 C.