

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 10, 1956

Operator El Paso Natural Gas Company		Lease San Juan 29-7 Unit # 53	
Location 1550'N, 800'E, Sec. 27-29-7		County Rio Arriba	State New Mexico
Field Mesa Verde		Pool Blanco Mesa Verde	
Casing Diameter 5 1/2	Set At Feet 5561	Tubing Diameter 2	Set At Feet 5490
Perforations From 4912	5503	Total Depth: 5566 - c/o - 5510'	
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, inches 0.750	Choke Constant, C 14.1605		
Shut-in Pressure, Casing, PSIG 1064	PSIA 1076	Days Shut-In 8	Shut-in Pressure, Tubing, PSIG 1055
Flowing Pressure, Casing, PSIG 414	PSIA 426		Working Pressure, Pw, PSIG 903
Temperature, T 79	0.750	Fpv (From Tables) 1.044	Gravity 680

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

$Q = 14.1605 \times 426 \times .9822 \times .9393 \times 1.044 = 5810$ MCF/D

OPEN FLOW $Q_{OF} = Q \left(\frac{P_1 - P_b}{P_1 - P_w} \right)^n$

$Q_{OF} = \left(\frac{1,157,776}{320,551} \right)^{.75} \times 5810 = 2.615 \times 5810$

$Q_{OF} = 15,193$ MCF/D

Tom Grant

By: Tom Grant

L. D. Galloway
L. D. Galloway



OIL	WATER	SEAL
NO. 1	NO. 2	NO. 3
NO. 4	NO. 5	NO. 6
NO. 7	NO. 8	NO. 9
NO. 10	NO. 11	NO. 12
NO. 13	NO. 14	NO. 15
NO. 16	NO. 17	NO. 18
NO. 19	NO. 20	NO. 21
NO. 22	NO. 23	NO. 24
NO. 25	NO. 26	NO. 27
NO. 28	NO. 29	NO. 30
NO. 31	NO. 32	NO. 33
NO. 34	NO. 35	NO. 36
NO. 37	NO. 38	NO. 39
NO. 40	NO. 41	NO. 42
NO. 43	NO. 44	NO. 45
NO. 46	NO. 47	NO. 48
NO. 49	NO. 50	NO. 51
NO. 52	NO. 53	NO. 54
NO. 55	NO. 56	NO. 57
NO. 58	NO. 59	NO. 60
NO. 61	NO. 62	NO. 63
NO. 64	NO. 65	NO. 66
NO. 67	NO. 68	NO. 69
NO. 70	NO. 71	NO. 72
NO. 73	NO. 74	NO. 75
NO. 76	NO. 77	NO. 78
NO. 79	NO. 80	NO. 81
NO. 82	NO. 83	NO. 84
NO. 85	NO. 86	NO. 87
NO. 88	NO. 89	NO. 90
NO. 91	NO. 92	NO. 93
NO. 94	NO. 95	NO. 96
NO. 97	NO. 98	NO. 99
NO. 100	NO. 101	NO. 102
NO. 103	NO. 104	NO. 105
NO. 106	NO. 107	NO. 108
NO. 109	NO. 110	NO. 111
NO. 112	NO. 113	NO. 114
NO. 115	NO. 116	NO. 117
NO. 118	NO. 119	NO. 120
NO. 121	NO. 122	NO. 123
NO. 124	NO. 125	NO. 126
NO. 127	NO. 128	NO. 129
NO. 130	NO. 131	NO. 132
NO. 133	NO. 134	NO. 135
NO. 136	NO. 137	NO. 138
NO. 139	NO. 140	NO. 141
NO. 142	NO. 143	NO. 144
NO. 145	NO. 146	NO. 147
NO. 148	NO. 149	NO. 150
NO. 151	NO. 152	NO. 153
NO. 154	NO. 155	NO. 156
NO. 157	NO. 158	NO. 159
NO. 160	NO. 161	NO. 162
NO. 163	NO. 164	NO. 165
NO. 166	NO. 167	NO. 168
NO. 169	NO. 170	NO. 171
NO. 172	NO. 173	NO. 174
NO. 175	NO. 176	NO. 177
NO. 178	NO. 179	NO. 180
NO. 181	NO. 182	NO. 183
NO. 184	NO. 185	NO. 186
NO. 187	NO. 188	NO. 189
NO. 190	NO. 191	NO. 192
NO. 193	NO. 194	NO. 195
NO. 196	NO. 197	NO. 198
NO. 199	NO. 200	NO. 201
NO. 202	NO. 203	NO. 204
NO. 205	NO. 206	NO. 207
NO. 208	NO. 209	NO. 210
NO. 211	NO. 212	NO. 213
NO. 214	NO. 215	NO. 216
NO. 217	NO. 218	NO. 219
NO. 220	NO. 221	NO. 222
NO. 223	NO. 224	NO. 225
NO. 226	NO. 227	NO. 228
NO. 229	NO. 230	NO. 231
NO. 232	NO. 233	NO. 234
NO. 235	NO. 236	NO. 237
NO. 238	NO. 239	NO. 240
NO. 241	NO. 242	NO. 243
NO. 244	NO. 245	NO. 246
NO. 247	NO. 248	NO. 249
NO. 250	NO. 251	NO. 252
NO. 253	NO. 254	NO. 255
NO. 256	NO. 257	NO. 258
NO. 259	NO. 260	NO. 261
NO. 262	NO. 263	NO. 264
NO. 265	NO. 266	NO. 267
NO. 268	NO. 269	NO. 270
NO. 271	NO. 272	NO. 273
NO. 274	NO. 275	NO. 276
NO. 277	NO. 278	NO. 279
NO. 280	NO. 281	NO. 282
NO. 283	NO. 284	NO. 285
NO. 286	NO. 287	NO. 288
NO. 289	NO. 290	NO. 291