

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-122-A
(EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Anteo Formation Pictured Cliffs County San Juan
Well Name Indriak No. 10 (PC) 71-496
Unit A S 29 T 30 R 10 Pay Zone 2703 To 2754 Flow String Casing
Casing O D 7.000 Wt 20.0 Set at 4607 Tubing O D 1.660 Wt 2.4 L 2742 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas.

Period of test flow

SIP Measured

From 11-28-62 To 12-6-62 6-23-62

Deadweight Flowing Pressure, psia

Flowing Pressure psia

Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-in Pressures, psia

Meter Error

Friction Loss

Casing 460 (j) Tubing 460 (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart 249 (g) Corrected 249 (h) P_t 249 (i) Gravity .685

FRICTION NEGLECTABLE

G. L. = $1-e^{-s} =$ $(F_c Q)^2 =$

$(1-e^{-s})(F_c Q)^2 = R^2 =$ $P_t^2 =$ $P_w^2 =$ Use P_t^2

$Q =$ 105 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} = \frac{(c)}{(d)} \right] =$ 105

$D = Q$ 105 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{158700}{149577} \right)^N = \frac{1.0608}{1.0514} =$ 110

SUMMARY

$P_c =$ 460 psia
 $Q =$ 105 MCF/D
 $P_w =$ 249 psia
 $P_d =$ 230 psia
 $D =$ 110 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. I. Kondrich
Title Sr. Gas Engineer
Witnessed By
Company



1. WORLDWIDE INFORMATION SERVICE
 2. WORLDWIDE INFORMATION SERVICE

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1. General 2. Organization 3. Personnel 4. Equipment 5. Methods 6. Results 7. Conclusions 8. References 9. Appendices 10. Index 11. Tables 12. Figures 13. Notes 14. Comments 15. Summary 16. Abstract 17. Introduction 18. Background 19. Objectives 20. Methods 21. Results 22. Conclusions 23. References 24. Appendices 25. Index 26. Tables 27. Figures 28. Notes 29. Comments 30. Summary 31. Abstract 32. Introduction 33. Background 34. Objectives 35. Methods 36. Results 37. Conclusions 38. References 39. Appendices 40. Index 41. Tables 42. Figures 43. Notes 44. Comments 45. Summary 46. Abstract 47. Introduction 48. Background 49. Objectives 50. Methods 51. Results 52. Conclusions 53. References 54. Appendices 55. Index 56. Tables 57. Figures 58. Notes 59. Comments 60. Summary 61. Abstract 62. Introduction 63. Background 64. Objectives 65. Methods 66. Results 67. Conclusions 68. References 69. Appendices 70. Index 71. Tables 72. Figures 73. Notes 74. Comments 75. Summary 76. Abstract 77. Introduction 78. Background 79. Objectives 80. Methods 81. Results 82. Conclusions 83. References 84. Appendices 85. Index 86. Tables 87. Figures 88. Notes 89. Comments 90. Summary 91. Abstract 92. Introduction 93. Background 94. Objectives 95. Methods 96. Results 97. Conclusions 98. References 99. Appendices 100. Index 101. Tables 102. Figures 103. Notes 104. Comments 105. Summary 106. Abstract 107. Introduction 108. Background 109. Objectives 110. Methods 111. Results 112. Conclusions 113. References 114. Appendices 115. Index 116. Tables 117. Figures 118. Notes 119. Comments 120. Summary 121. Abstract 122. Introduction 123. Background 124. Objectives 125. Methods 126. Results 127. Conclusions 128. References 129. Appendices 130. Index 131. Tables 132. Figures 133. Notes 134. Comments 135. Summary 136. Abstract 137. Introduction 138. Background 139. Objectives 140. Methods 141. Results 142. Conclusions 143. References 144. Appendices 145. Index 146. Tables 147. Figures 148. Notes 149. Comments 150. Summary 151. Abstract 152. Introduction 153. Background 154. Objectives 155. Methods 156. Results 157. Conclusions 158. References 159. Appendices 160. Index 161. Tables 162. Figures 163. Notes 164. Comments 165. Summary 166. Abstract 167. Introduction 168. Background 169. Objectives 170. Methods 171. Results 172. Conclusions 173. References 174. Appendices 175. Index 176. Tables 177. Figures 178. Notes 179. Comments 180. Summary 181. Abstract 182. Introduction 183. Background 184. Objectives 185. Methods 186. Results 187. Conclusions 188. References 189. Appendices 190. Index 191. Tables 192. Figures 193. Notes 194. Comments 195. Summary 196. Abstract 197. Introduction 198. Background 199. Objectives 200. Methods 201. Results 202. Conclusions 203. References 204. Appendices 205. Index 206. Tables 207. Figures 208. Notes 209. Comments 210. Summary 211. Abstract 212. Introduction 213. Background 214. Objectives 215. Methods 216. Results 217. Conclusions 218. References 219. Appendices 220. Index 221. Tables 222. Figures 223. Notes 224. Comments 225. Summary 226. Abstract 227. Introduction 228. Background 229. Objectives 230. Methods 231. Results 232. Conclusions 233. References 234. Appendices 235. Index 236. Tables 237. Figures 238. Notes 239. Comments 240. Summary 241. Abstract 242. Introduction 243. Background 244. Objectives 245. Methods 246. Results 247. Conclusions 248. References 249. Appendices 250. Index 251. Tables 252. Figures 253. Notes 254. Comments 255. Summary 256. Abstract 257. Introduction 258. Background 259. Objectives 260. Methods 261. Results 262. Conclusions 263. References 264. Appendices 265. Index 266. Tables 267. Figures 268. Notes 269. Comments 270. Summary 271. Abstract 272. Introduction 273. Background 274. Objectives 275. Methods 276. Results 277. Conclusions 278. References 279. Appendices 280. Index 281. Tables 282. Figures 283. Notes 284. Comments 285. Summary 286. Abstract 287. Introduction 288. Background 289. Objectives 290. Methods 291. Results 292. Conclusions 293. References 294. Appendices 295.

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1944

REPORT OF THE BOARD OF DIRECTORS

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