

NMOCC - ARTESIA  
NMOCC - HOBBS  
BLM - SANTA FEUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other...  
instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R385.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                             |                  |                                                                              |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------|-------------------------|
| 1. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                 |                  | 3. LEASE DESIGNATION AND SERIAL NO.<br>NM-0155494                            |                         |
| 2. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SHUT-IN <input type="checkbox"/> Other _____  |                  | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME                                        |                         |
| 4. NAME OF OPERATOR<br>PAN AMERICAN PETROLEUM CORPORATION                                                                                                                                                                   |                  | 7. UNIT AGREEMENT NAME                                                       |                         |
| 5. ADDRESS OF OPERATOR<br>BOX 68, HOBBS, N. M. 88240                                                                                                                                                                        |                  | 8. FARM OR LEASE NAME<br>CROSBY B Federal                                    |                         |
| 9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):<br>At surface<br>1980 FNL - 1980 FEL: Sec. 9 (Unit G, SW 1/4 NE 1/4)<br>At top prod. interval reported below<br>At total depth |                  | 9. WELL NO.<br>1                                                             |                         |
| 10. FIELD AND POOL, OR WILDCAT<br>CATO San Andres                                                                                                                                                                           |                  | 10. STATE<br>N.M.                                                            |                         |
| 11. PERMIT NO.<br>DATE ISSUED                                                                                                                                                                                               |                  | 11. REC. T. R. M. OR BLOCK AND SURVEY OR AREA<br>9-8-30 NMPM                 |                         |
| 12. DATE DRILLED<br>2-4-67                                                                                                                                                                                                  |                  | 12. COUNTY OR PARISH<br>Charles                                              |                         |
| 13. DATE T.D. REACHED<br>2-11-67                                                                                                                                                                                            |                  | 13. STATE<br>N.M.                                                            |                         |
| 14. DATE COMPL. (Ready to prod.)<br>2-14-67                                                                                                                                                                                 |                  | 14. ELEVATION (OF, REB, BT, OR, ETC.)<br>4104' R.D. 13.                      |                         |
| 15. TOTAL DEPTH, MD & TVD<br>3450                                                                                                                                                                                           |                  | 15. ELEV. CASINGHEAD<br>-                                                    |                         |
| 16. PLUG, BACK T.D., MD & TVD<br>3402                                                                                                                                                                                       |                  | 16. ROTARY TOOLS<br>O-TD                                                     |                         |
| 17. IF MULTIPLE COMPL., HOW MANY?                                                                                                                                                                                           |                  | 17. CABLE TOOLS                                                              |                         |
| 18. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>3365'-85' San Andres                                                                                                                       |                  | 18. WAS DIRECTIONAL SURVEY MADE?<br>No                                       |                         |
| 19. TYPE ELECTRIC AND OTHER LOGS RUN<br>Density, Laterolog & Microlaterolog                                                                                                                                                 |                  | 19. WAS WELL CORRED<br>No                                                    |                         |
| 20. CASING RECORD (Report all strings set in well)                                                                                                                                                                          |                  |                                                                              |                         |
| CASING SIZE                                                                                                                                                                                                                 | WEIGHT, LB./FT.  | DEPTH SET (MD)                                                               | HOLE SIZE               |
| 8 7/8"                                                                                                                                                                                                                      | 24"              | 460'                                                                         | 11"                     |
| 4 1/2"                                                                                                                                                                                                                      | 9.5"             | 3450'                                                                        | 7 7/8"                  |
| CEMENTING RECORD                                                                                                                                                                                                            |                  | AMOUNT PULLED                                                                |                         |
| 300 04                                                                                                                                                                                                                      |                  |                                                                              |                         |
| 800 04                                                                                                                                                                                                                      |                  |                                                                              |                         |
| 21. LINER RECORD                                                                                                                                                                                                            |                  |                                                                              |                         |
| SIZE                                                                                                                                                                                                                        | TOP (MD)         | BOTTOM (MD)                                                                  | SACKS CEMENT*           |
|                                                                                                                                                                                                                             |                  |                                                                              |                         |
| 22. TUBING RECORD                                                                                                                                                                                                           |                  | PACKER SET (MD)                                                              |                         |
| SIZE                                                                                                                                                                                                                        | DEPTH SET (MD)   |                                                                              |                         |
| 2 3/8"                                                                                                                                                                                                                      |                  |                                                                              |                         |
| 23. PERFORATION RECORD (Interval, size and number)<br>3365'-85' w/25PF                                                                                                                                                      |                  |                                                                              |                         |
| 24. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                              |                  | AMOUNT AND KIND OF MATERIAL USED                                             |                         |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                         |                  | 3365-85                                                                      |                         |
|                                                                                                                                                                                                                             |                  | 9000 gal 28%                                                                 |                         |
| 25. PRODUCTION                                                                                                                                                                                                              |                  |                                                                              |                         |
| DATE FIRST PRODUCTION<br>2-14-67                                                                                                                                                                                            |                  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Swab |                         |
| DATE OF TEST<br>2-17-67                                                                                                                                                                                                     |                  | WELL STATUS (Producing or shut-in)<br>Producing                              |                         |
| HOURS TESTED<br>24                                                                                                                                                                                                          | CHOKED SIZE<br>- | PROD'N. FOR TEST PERIOD<br>110                                               | OIL—BBL.<br>33          |
| WATER—BBL.<br>120 BBL                                                                                                                                                                                                       | GAS—MCF.<br>304  | GAS-OIL RATIO<br>26                                                          |                         |
| FLOW. TUBING PRESS.                                                                                                                                                                                                         | CASING PRESSURE  | CALCULATED 24-HOUR RATE                                                      | OIL GRAVITY-API (CORR.) |
|                                                                                                                                                                                                                             |                  |                                                                              |                         |
| 26. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vent                                                                                                                                                          |                  |                                                                              |                         |
| 27. LIST OF ATTACHMENTS<br>None                                                                                                                                                                                             |                  |                                                                              |                         |
| 28. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                           |                  |                                                                              |                         |
| SIGNED<br>SUPERINTENDENT<br>MAR 7 1967<br>MAR 7 1967<br>2-22-67                                                                                                                                                             |                  |                                                                              |                         |

\* (See Instructions and Spaces for Additional Data on Reverse Side)

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. **Cosmetic local State or Federal office for specific instructions.**

**Item 16:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| SUMMARY OF POROUS ZONES:                                                                                                                                                                                            |  |     |        |                             |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|--------|-----------------------------|------------------|
| SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF - CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |  |     |        |                             |                  |
| FORMATION                                                                                                                                                                                                           |  | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |                  |
|                                                                                                                                                                                                                     |  |     |        |                             | GEOLOGIC MARKERS |
|                                                                                                                                                                                                                     |  |     |        |                             | TOP              |

22-507

DATE

TIME

AREA

1. TITLE

2. LOCATION

3. DATE

4. TIME

5. AREA

6. TITLE

7. LOCATION

8. DATE

9. TIME

10. AREA

11. TITLE

12. LOCATION

13. DATE

14. TIME

15. AREA

16. TITLE

17. LOCATION

18. DATE

19. TIME

20. AREA

21. TITLE

22. LOCATION

23. DATE

24. TIME

25. AREA

26. TITLE

27. LOCATION

28. DATE

29. TIME

30. AREA

31. TITLE

32. LOCATION

33. DATE

34. TIME

35. AREA

36. TITLE

37. LOCATION

38. DATE

39. TIME

40. AREA

41. TITLE

42. LOCATION

43. DATE

44. TIME

45. AREA

46. TITLE

47. LOCATION

48. DATE

49. TIME

50. AREA

51. TITLE

52. LOCATION

53. DATE

54. TIME

55. AREA

56. TITLE

57. LOCATION

58. DATE

59. TIME

60. AREA

61. TITLE

62. LOCATION

63. DATE

64. TIME

65. AREA

66. TITLE

67. LOCATION

68. DATE

69. TIME

70. AREA

71. TITLE

72. LOCATION

73. DATE

74. TIME

75. AREA

76. TITLE

77. LOCATION

78. DATE

79. TIME

80. AREA

81. TITLE

82. LOCATION

83. DATE

84. TIME

85. AREA

86. TITLE

87. LOCATION

88. DATE

89. TIME

90. AREA

91. TITLE

92. LOCATION

93. DATE

94. TIME

95. AREA

96. TITLE

97. LOCATION

98. DATE

99. TIME

100. AREA

101. TITLE

102. LOCATION

103. DATE

104. TIME

105. AREA

106. TITLE

107. LOCATION

108. DATE

109. TIME

110. AREA

111. TITLE

112. LOCATION

113. DATE

114. TIME

115. AREA

116. TITLE

117. LOCATION

118. DATE

119. TIME

120. AREA

121. TITLE

122. LOCATION

123. DATE

124. TIME

125. AREA

126. TITLE

127. LOCATION

128. DATE

129. TIME

130. AREA

131. TITLE

132. LOCATION

133. DATE

134. TIME

135. AREA

136. TITLE

137. LOCATION

138. DATE

139. TIME

140. AREA

141. TITLE

142. LOCATION

143. DATE

144. TIME

145. AREA

146. TITLE

147. LOCATION

148. DATE

149. TIME

150. AREA

151. TITLE

152. LOCATION

153. DATE

154. TIME

155. AREA

156. TITLE

157. LOCATION

158. DATE

159. TIME

160. AREA

161. TITLE

162. LOCATION

163. DATE

164. TIME

165. AREA

166. TITLE

167. LOCATION

168. DATE

169. TIME

170. AREA

171. TITLE

172. LOCATION

173. DATE

174. TIME

175. AREA

176. TITLE

177. LOCATION

178. DATE

179. TIME

180. AREA

181. TITLE

182. LOCATION

183. DATE

184. TIME

185. AREA

186. TITLE

187. LOCATION

188. DATE

189. TIME

190. AREA

191. TITLE

192. LOCATION

193. DATE

194. TIME

195. AREA

196. TITLE

197. LOCATION

198. DATE

199. TIME

200. AREA

201. TITLE

202. LOCATION

203. DATE

204. TIME

205. AREA

206. TITLE

207. LOCATION

208. DATE

209. TIME

210. AREA

211. TITLE

212. LOCATION

213. DATE

214. TIME

215. AREA

216. TITLE

217. LOCATION

218. DATE

219. TIME

220. AREA

221. TITLE

222. LOCATION

223. DATE

224. TIME

225. AREA

226. TITLE

227. LOCATION

228. DATE

229. TIME

230. AREA

231. TITLE

232. LOCATION

233. DATE

234. TIME

235. AREA

236. TITLE

237. LOCATION

238. DATE

239. TIME

240. AREA

241. TITLE

242. LOCATION

243. DATE

244. TIME

245. AREA

246. TITLE

247. LOCATION

248. DATE

249. TIME

250. AREA

251. TITLE

252. LOCATION

253. DATE

254. TIME

255. AREA

256. TITLE

257. LOCATION

258. DATE

259. TIME

260. AREA

261. TITLE

262. LOCATION

263. DATE

264. TIME

265. AREA

266. TITLE

267. LOCATION

268. DATE

269. TIME

270. AREA

271. TITLE

272. LOCATION

273. DATE

274. TIME

275. AREA

276. TITLE

277. LOCATION

278. DATE

279. TIME

280. AREA

281. TITLE

282. LOCATION

283. DATE

284. TIME

285. AREA

286. TITLE

287. LOCATION

288. DATE

289. TIME

290. AREA

291. TITLE

292. LOCATION

293. DATE

294. TIME

295. AREA

296. TITLE

297. LOCATION

298. DATE

299. TIME

300. AREA

301. TITLE

302. LOCATION

303. DATE

304. TIME

305. AREA

306. TITLE

307. LOCATION

308. DATE

309. TIME

310. AREA

311. TITLE

312. LOCATION

313. DATE

314. TIME

315. AREA

316. TITLE

317. LOCATION

318. DATE

319. TIME

320. AREA

321. TITLE

322. LOCATION

323. DATE

324. TIME

325. AREA

326. TITLE

327. LOCATION

328. DATE

329. TIME

330. AREA

331. TITLE

332. LOCATION

333. DATE

334. TIME

335. AREA

336. TITLE

337. LOCATION

338. DATE

339. TIME

340. AREA

341. TITLE

342. LOCATION

343. DATE

344. TIME

345. AREA

346. TITLE

347. LOCATION

348. DATE

349. TIME

350. AREA

351. TITLE

352. LOCATION

353. DATE

354. TIME

355. AREA

356. TITLE

357. LOCATION

358. DATE

359. TIME

360. AREA

361. TITLE

362. LOCATION

363. DATE

364. TIME

365. AREA

366. TITLE

367. LOCATION

368. DATE

369. TIME

370. AREA

371. TITLE

372. LOCATION

373. DATE

374. TIME

375. AREA

376. TITLE

377. LOCATION</