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U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080675
LEASE OR PERMIT TO PROSPECT _____
14-08-001-1054

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 27-4 Unit Field Wildcat State New Mexico
Well No. 9 Sec. 33 T. 27N R. 4W Meridian NMPM County Rio Arriba
Location 990 ft. [N.] of S Line and 1840 ft. [E.] of W Line of Section 33 Elevation 7204'

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed W. F. Cowell

Date September 12, 1956 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling 7-20-56, 1956 Finished drilling 7-27-56, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3495 to 4095 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	131'	100	Circulated		
5 1/2"	4095'	250	Single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Well History.				

TOOLS USED

Rotary tools were used from 0 feet to 4095 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 2,539,000 ^{A.O.P. 2,621 MCF/D} Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----1012-----

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3245	3245	Tan to gry cr-grn ss interbedded w/gry sn.
3245	3330	85	Ojo Alamo ss. White cr-grn s.
3330	3808	478	Kirtland form. Gry sn interbedded w/tight gry fine-grn ss.
3808	3995	187	Fruitland form. Gry carb sn, scattered coals coals and gry, tight, fine-grn ss.
3995	4095	100	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

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1993-94 7. 2002-03 18. 2003-04 19. 2004-05 20. 2005-06 21. 2006-07 22. 2007-08 23. 2008-09 24. 2009-10 25. 2010-11 26. 2011-12 27. 2012-13 28. 2013-14 29. 2014-15 30. 2015-16 31. 2016-17 32. 2017-18 33. 2018-19 34. 2019-20 35. 2020-21 36. 2021-22 37. 2022-23 38. 2023-24 39. 2024-25 40. 2025-26 41. 2026-27 42. 2027-28 43. 2028-29 44. 2029-30 45. 2030-31 46. 2031-32 47. 2032-33 48. 2033-34 49. 2034-35 50. 2035-36 51. 2036-37 52. 2037-38 53. 2038-39 54. 2039-40 55. 2040-41 56. 2041-42 57. 2042-43 58. 2043-44 59. 2044-45 60. 2045-46 61. 2046-47 62. 2047-48 63. 2048-49 64. 2049-50 65. 2050-51 66. 2051-52 67. 2052-53 68. 2053-54 69. 2054-55 70. 2055-56 71. 2056-57 72. 2057-58 73. 2058-59 74. 2059-60 75. 2060-61 76. 2061-62 77. 2062-63 78. 2063-64 79. 2064-65 80. 2065-66 81. 2066-67 82. 2067-68 83. 2068-69 84. 2069-70 85. 2070-71 86. 2071-72 87. 2072-73 88. 2073-74 89. 2074-75 90. 2075-76 91. 2076-77 92. 2077-78 93. 2078-79 94. 2079-80 95. 2080-81 96. 2081-82 97. 2082-83 98. 2083-84 99. 2084-85 100. 2085-86 101. 2086-87 102. 2087-88 103. 2088-89 104. 2089-90 105. 2090-91 106. 2091-92 107. 2092-93 108. 2093-94 109. 2094-95 110. 2095-96 111. 2096-97 112. 2097-98 113. 2098-99 114. 2099-00 115. 2100-01 116. 2101-02 117. 2102-03 118. 2103-04 119. 2104-05 120. 2105-06 121. 2106-07 122. 2107-08 123. 2108-09 124. 2109-10 125. 2110-11 126. 2111-12 127. 2112-13 128. 2113-14 129. 2114-15 130. 2115-16 131. 2116-17 132. 2117-18 133. 2118-19 134. 2119-20 135. 2120-21 136. 2121-22 137. 2122-23 138. 2123-24 139. 2124-25 140. 2125-26 141. 2126-27 142. 2127-28 143. 2128-29 144. 2129-30 145. 2130-31 146. 2131-32 147. 2132-33 148. 2133-34 149. 2134-35 150. 2135-36 151. 2136-37 152. 2137-38 153. 2138-39 154. 2139-40 155. 2140-41 156. 2141-42 157. 2142-43 158. 2143-44 159. 2144-45 160. 2145-46 161. 2146-47 162. 2147-48 163. 2148-49 164. 2149-50 165. 2150-51 166. 2151-52 167. 2152-53 168. 2153-54 169. 2154-55 170. 2155-56 171. 2156-57 172. 2157-58 173. 2158-59 174. 2159-60 175. 2160-61 176. 2161-62 177. 2162-63 178. 2163-64 179. 2164-65 180. 2165-66 181. 2166-67 182. 2167-68 183. 2168-69 184. 2169-70 185. 2170-71 186. 2171-72 187. 2172-73 188. 2173-74 189. 2174-75 190. 2175-76 191. 2176-77 192. 2177-78 193. 2178-79 194. 2179-80 195. 2180-81 196. 2181-82 197. 2182-83 198. 2183-84 199. 2184-85 200. 2185-86 201. 2186-87 202. 2187-88 203. 2188-89 204. 2189-90 205. 2190-91 206. 2191-92 207. 2192-93 208. 2193-94 209. 2194-95 210. 2195-96 211. 2196-97 212. 2197-98 213. 2198-99 214. 2199-00 215. 2200-01 216. 2201-02 217. 2202-03 218. 2203-04 219. 2204-05 220. 2205-06 221. 2206-07 222. 2207-08 223. 2208-09 224. 2209-10 225. 2210-11 226. 2211-12 227. 2212-13 228. 2213-14 229. 2214-15 230. 2215-16 231. 2216-17 232. 2217-18 233. 2218-19 234. 2219-20 235. 2220-21 236. 2221-22 237. 2222-23 238. 2223-24 239. 2224-25 240. 2225-26 241. 2226-27 242. 2227-28 243. 2228-29 244. 2229-30 245. 2230-31 246. 2231-32 247. 2232-33 248. 2233-34 249. 2234-35 250. 2235-36 251. 2236-37 252. 2237-38 253. 2238-39 254. 2239-40 255. 2240-41 256. 2241-42 257. 2242-43 258. 2243-44 259. 2244-45 260. 2245-46 261. 2246-47 262. 2247-48 263. 2248-49 264. 2249-50 265. 2250-51 266. 2251-52 267. 2252-53 268. 2253-54 269. 2254-55 270. 2255-56 271. 2256-57 272. 2257-58 273. 2258-59 274. 2259-60 275. 2260-61 276. 2261-62 277. 2262-63 278. 2263-64 279. 2264-65 280. 2265-66 281. 2266-67 282. 2267-68 283. 2268-69 284. 2269-70 285. 2270-71 286. 2271-72 287. 2272-73 288. 2273-74 289. 2274-75 290. 2275-76 291. 2276-77 292. 2277-78 293. 2278-79 294. 2279-80 295. 2280-81 296. 2281-82 297. 2282-83 298. 2283-84 299. 2284-85 300. 2285-86 301. 2286-87 302. 2287-88 303. 2288-89 304. 2289-90 305. 2290-91 306. 2291-92 307. 2292-93 308. 2293-94 309. 2294-95 310. 2295-96 311. 2296-97 312. 2297-98 313. 2298-99 314. 2299-00 315. 2300-01 316. 2301-02 317. 2302-03 318. 2303-04 319. 2304-05 320. 2305-06 321. 2306-07 322. 2307-08 323. 2308-09 324. 2309-10 325. 2310-11 326. 2311-12 327. 2312-13 328. 2313-14 329. 2314-15 330. 2315-16 331. 2316-17 332. 2317-18 333. 2318-19 334. 2319-20 335. 2320-21 336. 2321-22 337. 2322-

U.S. Immigration Service
San Francisco, California
Office of the Director

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PHYSICAL CHEMISTRY

LEAF 242 70 100 70 201

1. The first part of the document is a letter from the President of the United States to the Secretary of the Navy, dated 1877. The letter is signed by the President and is addressed to the Secretary of the Navy. The letter is a copy of a letter that was sent to the Secretary of the Navy by the President. The letter is a copy of a letter that was sent to the Secretary of the Navy by the President.

ONLY ONE OR TWO SANDS OR SLICES

Questions are asked about the following:

No. 1, from 1 to 100	No. 1, from 1 to 100
No. 2, from 101 to 200	No. 2, from 101 to 200
No. 3, from 201 to 300	No. 3, from 201 to 300

01 end 9 67

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2014-12-09 09:14:13

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$$H_0 = \frac{1}{2}(\vec{L}^2 + \vec{S}^2) - \frac{1}{2}\mu_B g_N \beta_N H_z - \frac{1}{2}\mu_B g_e \beta_e H_z - \frac{1}{2}\mu_B g_N \beta_N H_z - \frac{1}{2}\mu_B g_e \beta_e H_z \quad (9)$$

8-22-50 T.D. 4095. C.O. to 4073. Fert. 4000-14, 4040-0. Filled with 52,000
 gallons water and 50,000 # sand. Maximum and BDP 2550. Average pressure 1500.
 Flush 5000 gallons. Injection rate 99 BLM.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sacked", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

7-56094-01

CONFIDENTIAL

[illegible]

PLUGS AND ADAPTERS

Handing in	Handed	Double see
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SHOOTING RECORD

DATE	STOCK NO.	REFERENCE NO.	QUANTITY	PRICE	EXPLANATION

0320 21007

1. Name of the person	2. Address	3. Date	4. Signature
Mr. John Doe	123 Main Street, New York, NY 10001	10/25/2023	[Signature]
Mr. John Doe	123 Main Street, New York, NY 10001	10/25/2023	[Signature]

25741

1. Name of the person or organization	2. Address	3. City	4. State	5. Zip
Mr. J. Edgar Hoover	2400 Wilson Building	Washington, D.C.	D.C.	20535

[illegible][illegible]

3170

1. NAME _____
 2. DATE _____
 3. SCORE _____
 4. TEACHER _____
 5. SCHOOL _____
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 7. CITY _____
 8. STATE _____
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CFOCEN **KODKAO**

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FORMATION

LEAF TYPOL

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—WOLF