

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 10, 1956

Owner El Paso Natural Gas Company	Lease Harvey State #6
Location 1120N, 1020E, Sec. 16-25-7	County Rio Arriba State New Mexico
Property Pictured Cliff	Pool Wildcat
Casing Diameter 5 1/2 Set At Feet 2756	Tubing Diameter 2 Set At Feet 2736
Flow Through Casing 2721	Flow Through Tubing c/o 2736
Stimulation Method Sand Water Frac	

Shut-In Pressure, Casing 0.750 PSIG	Shut-In Pressure, Tubing 14.1605 PSIG
Flowing Pressure, Casing 638 PSIG	Flowing Pressure, Tubing 617 PSIG
Temperature 162	Gravity 369
63	0.85
7	1.017

CHOKE = LOW Q C x F₁ x F₂ x F₃ x F₄

Q 14.1605 x 174 x .9971 x .9535 x 1.017 2382 MCF/D

$$Q = \left(\frac{P_1^2 - P_2^2}{P_1^2} \right)^n$$

$$Q = \left(\frac{422,500}{286,339} \right)^n \quad 1.4755 = 1.392$$

Q 3316 MCF/D

Tom Grant

W. D. Galloway

W. D. Galloway
L. D. Galloway



OIL CONSERVATION COMMISSION

AZULE DISTRICT OF CALIF.

No. Count Received 3

1942	1	
1943		
1944		
1945		
1946		
1947		
1948		
1949		
1950		
1951		
1952		
1953		
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980		
1981		
1982		
1983		
1984		
1985		
1986		
1987		
1988		
1989		
1990		
1991		
1992		
1993		
1994		
1995		
1996		
1997		
1998		
1999		
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012		
2013		
2014		
2015		
2016		
2017		
2018		
2019		
2020		
2021		
2022		
2023		
2024		
2025		
2026		
2027		
2028		
2029		
2030		
2031		
2032		
2033		
2034		
2035		
2036		
2037		
2038		
2039		
2040		
2041		
2042		
2043		
2044		
2045		
2046		
2047		
2048		
2049		
2050		
2051		
2052		
2053		
2054		
2055		
2056		
2057		
2058		
2059		
2060		
2061		
2062		
2063		
2064		
2065		
2066		
2067		
2068		
2069		
2070		
2071		
2072		
2073		
2074		
2075		
2076		
2077		
2078		
2079		
2080		
2081		
2082		
2083		
2084		
2085		
2086		
2087		
2088		
2089		
2090		
2091		
2092		
2093		
2094		
2095		
2096		
2097		
2098		
2099		
2100		
2101		
2102		
2103		
2104		
2105		
2106		
2107		
2108		
2109		
2110		
2111		
2112		
2113		
2114		
2115		
2116		
2117		
2118		
2119		
2120		
2121		
2122		
2123		
2124		
2125		
2126		
2127		
2128		
2129		
2130		
2131		
2132		
2133		
2134		
2135		
2136		
2137		
2138		
2139		
2140		
2141		
2142		
2143		
2144		
2145		
2146		
2147		
2148		
2149		
2150		
2151		
2152		
2153		
2154		
2155		
2156		
2157		
2158		
2159		
2160		
2161		
2162		
2163		
2164		
2165		
2166		
2167		
2168		
2169		
2170		
2171		
2172		
2173		
2174		
2175		
2176		
2177		
2178		
2179		
2180		
2181		
2182		
2183		
2184		
2185		
2186		
2187		
2188		
2189		
2190		
2191		
2192		
2193		
2194		
2195		
2196		
2197		
2198		
2199		
2200		
2201		
2202		
2203		
2204		
2205		
2206		
2207		
2208		
2209		
2210		
2211		
2212		
2213		
2214		
2215		
2216		
2217		
2218		
2219		
2220		
2221		
2222		
2223		
2224		
2225		
2226		
2227		
2228		
2229		
2230		
2231		
2232		
2233		
2234		
2235		
2236		
2237		
2238		
2239		
2240		
2241		
2242		
2243		
2244		
2245		
2246		
2247		
2248		
2249		
2250		
2251		
2252		
2253		
2254		
2255		
2256		
2257		
2258		
2259		
2260		
2261		
2262		
2263		
2264		
2265		
2266		
2267		
2268		
2269		
2270		
2271		
2272		
2273		
2274		
2275		
2276		
2277		
2278		
2279		
2280		
2281		
2282		
2283		
2284		
2285		
2286		
2287		
2288		
2289		
2290		
2291		
2292		
2293		
2294		
2295		
2296		
2297		
2298		
2299		
2300		
2301		
2302		
2303		
2304		
2305		
2306		
2307		
2308		
2309		
2310		
2311		
2312		
2313		
2314		
2315		
2316		
2317		
2318		
2319		
2320		
2321		
2322		
2323		
2324		
2325		
2326		
2327		
2328		
2329		
2330		
2331		
2332		
2333		
2334		
2335		
2336		
2337		
2338		
2339		
2340		
2341		
2342		
2343		
2344		
2345		
2346		
2347		
2348		
2349		
2350		
2351		
2352		
2353		
2354		
2355		
2356		
2357		
2358		
2359		
2360		
2361		
2362		
2363		
2364		
2365		
2366		
2367		
2368		
2369		
2370		
2371		
2372		
2373		
2374		
2375		
2376		
2377		
2378		
2379		
2380		
2381		
2382		
2383		
2384		
2385		
2386		
2387		
2388		
2389		
2390		
2391		
2392		
2393		
2394		
2395		
2396		
2397		
2398		
2399		
2400		
2401		
2402		
2403		
2404		
2405		
2406		
2407		
2408		
2409		
2410		
2411		
2412		
2413		
2414		
2415		
2416		
2417		
2418		
2419		
2420		
2421		
2422		
2423		
2424		
2425		
2426		
2427		
2428		
2429		
2430		
2431		
2432		
2433		
2434		
2435		
2436		
2437		
2438		
2439		
2440		
2441		
2442		
2443		
2444		
2445		
2446		
2447		
2448		
2449		
2450		
2451		
2452		
2453		
2454		
2455		
2456		
2457		
2458		
2459		
2460		
2461		
2462		
2463		
2464		
2465		
2466		
2467		
2468		
2469		
2470		
2471		
2472		
2473		
2474		
2475		
2476		
2477		
2478		
2479		
2480		
2481		
2482		
2483		
2484		
2485		
2486		
2487		
2488		
2489		
2490		
2491		
2492		
2493		
2494		
2495		
2496		
2497		
2498		
2499		
2500		
2501		
2502		
2503		
2504		
2505		
2506		
2507		
2508		
2509		
2510		
2511		
2512		
2513		
2514		
2515		
2516		
2517		
2518		
2519		
2520		
2521		
2522		
2523		
2524</		