

U. S. LAND OFFICE Santa FeSERIAL NUMBER 078316-F

LEASE OR PERMIT TO PROSPECT

OIL CON. COM. UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New MexicoLessor or Tract Walker Field Blanco State New MexicoWell No. 2 Sec 32 T. 31N R. 9W Meridian NMPM County San JuanLocation 1650 ft. N. of S. Line and 1650 ft. E. of W. Line of Section 32 Elevation 6358'
(Derrick floor relative to sea level)

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 ORIGINAL SIGNED SCHOEL SCHULEMANDate March 22, 1954Title Petroleum Engineer

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

Commenced drilling January 19, 1954 Finished drilling February 23, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3123 to 3202 (G) No. 4, from 5373 to 5435 (G)No. 2, from 4980 to 4962 (G)

No. 5, from _____ to _____

No. 3, from 4962 to 5373 (G)

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8	25.4	8	Armco	162'	Armco				Surface
7	20 3/4	8	Armco	4745	Baker				Prod. Csg.
2"	4.7	8	Armco	5380					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	172	125	Circulated		
7	4755	500	Sing. 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
		Sand-Oil, See well History				

TOOLS USED

Gas Circulation

Rotary tools were used from 0 feet to 4755 feet, and from 4755 feet to 5435 feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 23, 1954

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 3,763,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1054

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1350	1350	Tan cr-grn ss w/thin sh breaks.
1350	1896	546	Variegated sh w/thin ss breaks.
1896	2400	504	Tan to gry cr-grn ss interbedded w/gry sh.
2400	2435	35	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2400.
2435	2776	341	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2435.
2776	3123	347	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2776.
3123	3202	79	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3123.
3202	4780	1578	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3202.
4780	4962	182	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4780.
4962	5373	411	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 4962.
5373	5435	62	Point Lookout formation, Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5373.

FORMATION RECORD—Continued

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HISTORY OF OIL OR GAS WELL

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 "sidetracked", 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.

February 17, 1954 Total Depth 4940'. Interval treated 4755' - 4940'.
Treated Cliff House Formation with 3800 gallons #2 Diesel Oil and 8800# sand.
Injection rate 515 barrels (230 Gals) per hour. Formation bridged, no flush.
Natural gas 196 MCF. Gas 8 hours after treatment 1500 MCF.

February 21, 1954 Total Depth 5435'. Interval treated 5405'-5438'.
Treated Point Lookout formation. ~~5410, 500 gallons #2 Diesel Oil and 7500# sand.~~
Breakdown pressure 1800# Maximum pressure 2100#. Injection rate 6.5 barrels (273
gal.) per minute. Flushed with 2260 gallons oil. Gage before treatment 2,160 MCF.
Gage 15 hours after treatment 3,630 MCF.

DATE RECEIVED: 10/10/71 FROM: [illegible] TO: [illegible]
(Typed Name of Clerk)

CIT OE 072 4000 DE 50 4E2

COLONNAGE: 1941-1942. 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. 2525-2526. 2527-2528. 2529-2530. 2531-2532. 2533-2534. 2535-2536. 2537-2538. 2539-2540. 2541-2542. 2543-2544. 2545-2546. 2547-2548. 2549-2550. 2551-2552. 2553-2554. 2555-2556. 2557-2558. 2559-2560. 2561-2562. 2563-2564. 2565-2566. 2567-2568. 2569-2570. 2571-2572. 2573-2574. 2575-2576. 2577-2578. 2579-2580. 2581-2582. 2583-2584. 2585-2586. 2587-2588. 2589-2590. 2591-2592. 2593-2594. 2595-2596. 2597-2598. 2599-2600. 2601-2602. 2603-2604. 2605-2606. 2607-2608. 2609-2610. 2611-2612. 2613-2614. 2615-2616. 2617-2618. 2619-2620. 2621-2622. 2623-2624. 2625-2626. 2627-2628. 2629-2630. 2631-2632. 2633-2634. 2635-2636. 2637-2638. 2639-2640. 2641-2642. 2643-2644. 2645-2646. 2647-2648. 2649-2650. 2651-2652. 2653-2654. 2655-2656. 2657-2658. 2659-2660. 2661-2662. 2663-2664. 2665-2666. 2667-2668. 2669-2670. 2671-2672. 2673-2674. 2675-2676. 2677-2678. 2679-2680. 2681-2682. 2683-26

Про единствата се, бидејќи не постои единство на принципите, а единство на фактите.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-11-2011 BY 60322 UCBAW

THE PROSECUTOR STATED THAT HE BELIEVES THAT THE DEFENDANT'S

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

FOUO//METH COLLECTION

TOP SECRET CODE NAME

ECOLOGICAL SURVEY

DISSEMINATION OF THE INTERIOR
OIL CON. COM. UNITED STATES

101 e 1024

RECEIVED

FOR THE U.S. AIR FORCE

2-15517-17 (PUB. SEC. 105)

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