

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, N.M.

February 24, 1956

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

El Paso Natural Gas Co.

Cleveland

Well No. 1-20

in NE

1/4

NE

1/4

(Company or Operator)

(Lease)

A

Sec. 20

T. 27N

R. 9W

NMPM., Fulcher Kutz

Pool

(Unit)

San Juan

County. Date Spudded 5-2-55

Date Completed 5-31-55

Please indicate location:

			X

1090'N, 990'E

Casing and Cementing Record

Size	Feet	Sax
8 5/8"	96'	80
5 1/2"	2304'	100
1"	2352'	---

Elevation 6421' Total Depth 2375' P.B.

Top oil/gas pay 2290 Name of Prod. Form. Pictured Cliff

Casing Perforations: None or

Depth to Casing shoe of Prod. String 2304'

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 3,758 MCF/D

Size choke in inches

Date first oil run to tanks or gas to Transmission system: Tied in

Transporter taking Oil or Gas: El Paso Natural Gas Company

Remarks: This well was originally drilled by J. Glenn Turner as the Turner Cleveland #1-20. El Paso Natural Gas has purchased this well from J. Glenn Turner with name changed to the El Paso Natural Gas Cleveland #1-20. El Paso Natural Gas will be the operator.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved FEB 28 1956, 19

El Paso Natural Gas Company

(Company or Operator)

By: (Signature)

Title: Petroleum Engineer

Send Communications regarding well to:

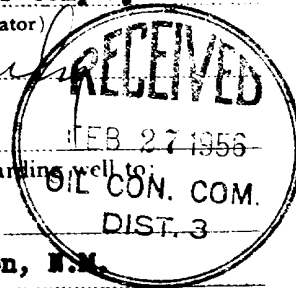
Name: E. J. Coel

Address: Box 997, Farmington, N.M.

OIL CONSERVATION COMMISSION

By: (Signature)

Title: PETROLEUM ENGINEER DIST. NO. 3



OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

No. Copies Filed: 5

INVESTIGATION

Case No.

Date

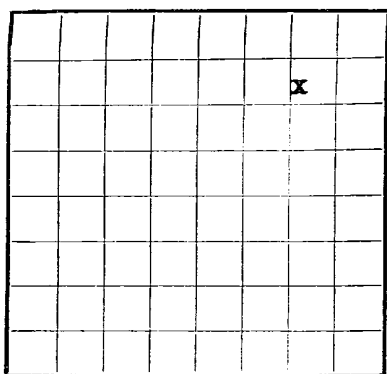
By

For

File

File

File



LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **011393**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **J. Glenn Turner** Address **Box 728 - Farmington, New Mexico**
Lessor or Tract **Cleveland** Field **Fulcher-Kuts** State **New Mexico**
Well No. **1-20** Sec. **20** T. **27N** R. **9W** Meridian **N.M.P.M.** County **San Juan**
Location **1090** ft. **N** of **N** Line and **990** ft. **E** of **E** Line of **Sec. 20** Elevation **6421** **RKB**
(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 *[Signature]*Date **July 13, 1955** Title **C. Beeson Neal, Agent in Farmington**

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

Commenced drilling **May 2, 1955**, 19 Finished drilling **May 30, 1955**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2290** to **2375** 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. 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—	
8-5/8"	24#	8 rd. thd.	New	87'	None				Surface
5-1/2"	14#	8 rd. thd.	New	2295'	Halliburton				Long string
1"	14#	8 rd. thd.	New	2852'	None				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	96'	80	Halliburton	Mostly water	
5-1/2"	2304'	100	Halliburton	Mostly water	

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 treated - 8,000 gal. diesel 10,000# sand on 5/30/55. Flushed with 2500 gal. diesel. Breakdown pressure 1000#. Injection 25BPM. Cleaned out to 2383'.						

TOOLS USED

Rotary tools were used from **96** feet to **2318** feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **96** feet, and from **2318** feet to **2383** feet

Initial **Potential Test**

DATES

Shut in for pipe line connection**June 21, 1955**, 19Put to producing **May 31, 1955**, 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 **3,758** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **630**

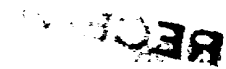
EMPLOYEES

Huerfano Drilling Company, Inc. Driller _____
Oliver E. Maxwell, Supt. Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1200	1200	Sand and shale.
1200	1285	85	Sand.
1285	2290	1005	Sand, shale and coal.
2290	2375	85	Sand.

Base Ojo Alamo - 1285'
Top Pictured Cliffs - 2290'

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 08-01-2004 BY 60322 UCBAW

10-10-66

1. The following information is being furnished to you for your information only. It is not intended to be used for any other purpose.

1. The "new" and "old" models are defined as follows: $\text{New} = 1$ if the model is a new model, and $\text{Old} = 1$ if the model is an old model.

[illegible][illegible]
$$10^{-10} \leq \beta \leq 10^{-9} \quad \text{for } 10^{-10} \leq t \leq 10^{-9} \quad \text{and} \quad 10^{-10} \leq \beta \leq 10^{-9} \quad \text{for } 10^{-10} \leq t \leq 10^{-9}$$

$\Delta E_{\text{eff}} = \frac{\Delta E}{(1 - \alpha)} = \frac{0.96 \text{ MeV}}{(1 - 0.78)} = 3.6 \text{ MeV}$

[illegible][illegible]

	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	2
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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 the results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked," or left in the well, give the 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 balling.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			</