

A 10x10 grid with an 'X' in the 4th column and 7th row.

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

U. S. GEOLOGICAL SURVEY

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
 Lessor or Tract Horseshoe Ute Field Horseshoe Gallup State New Mexico
 Well No. 29 Sec. 34 T. 31N R. 16W Meridian NMPM County San Juan
 Location 813 ft. N. of N Line and 2056 ft. E. of E Line of Section 34 Elevation 5478
(Depth from surface to seal 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.

As far as can be determined from all available records.
Signed **ORIGINAL SIGNED BY: JOSEPH E. KREGER**
Date **JANUARY 13, 1960** Title **Petroleum Engineer**

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

Commenced drilling December 11, 19 59 Finished drilling December 15, 19 59

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1389 to 1414 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	105	125	Circulated		
5-1/2"	1472	100	Single Sarge		

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 1473 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

! DATES

~~December 22~~ -----, 19 ~~59~~ Put to producing ----- ~~January 9~~ -----, 19 ~~60~~
 The production for the first 24 hours was ~~15~~ ----- barrels of fluid of which ~~100~~ ----- % was oil; ----- %
 emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. ~~xxx~~ ~~API 40.8~~ -----
 If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----
 Rock pressure, lbs. per sq. in. -----

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1160	1160	Mancos Form. Gy. carb. ssale.
1160	1473	313	Gallup Form. Lt. gy. to bra. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. lmbd. shale.
TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.			

**TOPS ARE FROM ELECTRIC LOGS
AND RADIOACTIVITY LOGS.**

RECEIVED
JAN 20 1960
U.S. LAND OFFICE
JAN 18 1960
U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES
GEOLOGICAL SURVEY

A blank sheet of graph paper featuring a uniform grid of squares. The grid consists of 10 columns and 10 rows, creating a total of 100 small square units. The lines are thin and black, set against a white background. There are no margins or additional markings on the page.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

The information given hereon is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
ORIGINAL SIGNED BY: JOSEPH E. KEEFER

Location of _____ of _____
Sec. _____ T. _____ R. _____ Meridian
County _____ State _____
Lessor or Trust _____
Company _____
Address _____
Field _____

Commenced drilling _____, 19____ Finished drilling _____, 19____
The summary on this page is for the condition of the well at above date.
Name _____ Title _____

OIL OR GAS SANDS OR ZONES

(Devotee Das by G)

13-22-59
SOF parts: 1380-1414 with 56, 57 gals. oil and 90,000* (and 10-20);
flush with 1428 gals. oil; Injection Rate: 51.1 bpm; Maximum treating
pressure--1200 psi.; pressure--1100 psi.; average treating
pressures--1000-1100 psi.; dropped 31 psi. ball sealers one time for
100* Nicks
No. 2 from to
No. 2 from to
No. 2 from to
No. 4 from to
No. 5 from to
No. 6 from to

CASUALTY RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

16-48004-2 II : GOVERNMENT PRINTING OFFICE

RECORDING AND CEMENTING RECORD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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2025451 014 20114

[illegible]

057022 2-10000

DEBU 2100T

[illegible]

237A11

[illegible]

Flow pressure, lbs. per sq. in.	
Flow rate, cu. ft. per 24 hours	
Water and sediment	
Gravelly sand	
Barrels of fluid of which 10 was oil	
Let to produce	

EMPLOYEES

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</
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FORMATION RECORD

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