



LOCATE WELL CORRECTLY

Location **2310** ft. **N** of **N** Line and **2310** ft. **E** of **E** Line of **Section 5** Elevation **3571**

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.

is to be known as Donnell #1. Signed _____ Date _____ Date _____ The summary on this page is for the condition of the well at above date. The well was drilled into a 1061 second zone. Commenced drilling April 19, 1961 Finished drilling July 7, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 2, from _____ to _____
No. 3, from _____ to _____ No. 4, from _____ to _____
No. 5, 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 _____
No. 5, from _____ to _____ No. 6, 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
85/8	782	None	Dumped		10sx.

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 3087 feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

D. M. Jenkins, Driller Ben Porter, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Caliche
20	633	613	Red Beds
633	901	268	Anhydrite
901	2183	1282	Salt
2183	2365	182	Anhydrite
2365	2485	120	Sand & Dolomite
2485	2615	130	Dolomite & Anhydrite
2615	2700	85	Sand
2700	2750	50	Dolomite
2750	2790	40	Sand
2790	3087	297	Dolomite & Sand
			25000 ft. to top of 1st bed 25000 ft. to top of 25000 ft. to top of 25000 ft. to top of 25000 ft. to top of

[OVER]

[OVER]
 FORINATION RECORD-CONTINUED

10-1194-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2790	2787	3	Dolomite
2787	2780	7	Sand
2780	2770	10	Dolomite
2770	2765	5	Sand
2765	2750	15	Dolomite & Anhydrite
2750	2745	5	Sand & Dolomite
2745	2735	10	Anhydrite
2735	2725	10	Salt
2725	2715	10	Anhydrite
2715	2705	10	Sand
2705	2695	10	Dolomite
2695	2685	10	Sand
2685	2675	10	Dolomite
2675	2665	10	Sand
2665	2655	10	Dolomite
2655	2645	10	Sand
2645	2635	10	Dolomite
2635	2625	10	Sand
2625	2615	10	Dolomite
2615	2605	10	Sand
2605	2595	10	Dolomite
2595	2585	10	Sand
2585	2575	10	Dolomite
2575	2565	10	Sand
2565	2555	10	Dolomite
2555	2545	10	Sand
2545	2535	10	Dolomite
2535	2525	10	Sand
2525	2515	10	Dolomite
2515	2505	10	Sand
2505	2495	10	Dolomite
2495	2485	10	Sand
2485	2475	10	Dolomite
2475	2465	10	Sand
2465	2455	10	Dolomite
2455	2445	10	Sand
2445	2435	10	Dolomite
2435	2425	10	Sand
2425	2415	10	Dolomite
2415	2405	10	Sand
2405	2395	10	Dolomite
2395	2385	10	Sand
2385	2375	10	Dolomite
2375	2365	10	Sand
2365	2355	10	Dolomite
2355	2345	10	Sand
2345	2335	10	Dolomite
2335	2325	10	Sand
2325	2315	10	Dolomite
2315	2305	10	Sand
2305	2295	10	Dolomite
2295	2285	10	Sand
2285	2275	10	Dolomite
2275	2265	10	Sand
2265	2255	10	Dolomite
2255	2245	10	Sand
2245	2235	10	Dolomite
2235	2225	10	Sand
2225	2215	10	Dolomite
2215	2205	10	Sand
2205	2195	10	Dolomite
2195	2185	10	Sand
2185	2175	10	Dolomite
2175	2165	10	Sand
2165	2155	10	Dolomite
2155	2145	10	Sand
2145	2135	10	Dolomite
2135	2125	10	Sand
2125	2115	10	Dolomite
2115	2105	10	Sand
2105	2095	10	Dolomite
2095	2085	10	Sand
2085	2075	10	Dolomite
2075	2065	10	Sand
2065	2055	10	Dolomite
2055	2045	10	Sand
2045	2035	10	Dolomite
2035	2025	10	Sand
2025	2015	10	Dolomite
2015	2005	10	Sand
2005	1995	10	Dolomite
1995	1985	10	Sand
1985	1975	10	Dolomite
1975	1965	10	Sand
1965	1955	10	Dolomite
1955	1945	10	Sand
1945	1935	10	Dolomite
1935	1925	10	Sand
1925	1915	10	Dolomite
1915	1905	10	Sand
1905	1895	10	Dolomite
1895	1885	10	Sand
1885	1875	10	Dolomite
1875	1865	10	Sand
1865	1855	10	Dolomite
1855	1845	10	Sand
1845	1835	10	Dolomite
1835	1825	10	Sand
1825	1815	10	Dolomite
1815	1805	10	Sand
1805	1795	10	Dolomite
1795	1785	10	Sand
1785	1775	10	Dolomite
1775	1765	10	Sand
1765	1755	10	Dolomite
1755	1745	10	Sand
1745	1735	10	Dolomite
1735	1725	10	Sand
1725	1715	10	Dolomite
1715	1705	10	Sand
1705	1695	10	Dolomite
1695	1685	10	Sand
1685	1675	10	Dolomite
1675	1665	10	Sand
1665	1655	10	Dolomite
1655	1645	10	Sand
1645	1635	10	Dolomite
1635	1625	10	Sand
1625	1615	10	Dolomite
1615	1605	10	Sand
1605	1595	10	Dolomite
1595	1585	10	Sand
1585	1575	10	Dolomite
1575	1565	10	Sand
1565	1555	10	Dolomite
1555	1545	10	Sand
1545	1535	10	Dolomite
1535	1525	10	Sand
1525	1515	10	Dolomite
1515	1505	10	Sand
1505	1495	10	Dolomite
1495	1485	10	Sand
1485	1475	10	Dolomite
1475	1465	10	Sand
1465	1455	10	Dolomite
1455	1445	10	Sand
1445	1435	10	Dolomite
1435	1425	10	Sand
1425	1415	10	Dolomite
1415	1405	10	Sand
1405	1395	10	Dolomite
1395	1385	10	Sand
1385	1375	10	Dolomite
1375	1365	10	Sand
1365	1355	10	Dolomite
1355	1345	10	Sand
1345	1335	10	Dolomite
1335	1325	10	Sand
1325	1315	10	Dolomite
1315	1305	10	Sand
1305	1295	10	Dolomite
1295	1285	10	Sand
1285	1275	10	Dolomite
1275	1265	10	Sand
1265	1255	10	Dolomite
1255	1245	10	Sand
1245	1235	10	Dolomite
1235	1225	10	Sand
1225	1215	10	Dolomite
1215	1205	10	Sand
1205	1195	10	Dolomite
1195	1185	10	Sand
1185	1175	10	Dolomite
1175	1165	10	Sand
1165	1155	10	Dolomite
1155	1145	10	Sand
1145	1135	10	Dolomite
1135	1125	10	Sand
1125	1115	10	Dolomite
1115	1105	10	Sand
1105	1095	10	Dolomite
1095	1085	10	Sand
1085	1075	10	Dolomite
1075	1065	10	Sand
1065	1055	10	Dolomite
1055	1045	10	Sand
1045	1035	10	Dolomite
1035	1025	10	Sand
1025	1015	10	Dolomite
1015	1005	10	Sand
1005	995	10	Dolomite
995	985	10	Sand
985	975	10	Dolomite
975	965	10	Sand
965	955	10	Dolomite
955	945	10	Sand
945	935	10	Dolomite
935	925	10	Sand
925	915	10	Dolomite
915	905	10	Sand
905	895	10	Dolomite
895	885	10	Sand
885	875	10	Dolomite
875	865	10	Sand
865	855	10	Dolomite
855	845	10	Sand
845	835	10	Dolomite
835	825	10	Sand
825	815	10	Dolomite
815	805	10	Sand
805	795	10	Dolomite
795	785	10	Sand
785	775	10	Dolomite
775	765	10	Sand
765	755	10	Dolomite
755	745	10	Sand
745	735	10	Dolomite
735	725	10	Sand
725	715	10	Dolomite
715	705	10	Sand
705	695	10	Dolomite
695	685	10	Sand
685	675	10	Dolomite
675	665	10	Sand
665	655	10	Dolomite
655	645	10	Sand
645	635	10	Dolomite
635	625	10	Sand
625	615	10	Dolomite
615	605	10	Sand
605	595	10	Dolomite
595	585	10	Sand
585	575	10	Dolomite
575	565	10	Sand
565	555	10	Dolomite
555	545	10	Sand
545	535	10	Dolomite
535	525	10	Sand
525	515	10	Dolomite
515	505	10	Sand
505	495	10	Dolomite
495	485	10	Sand
485	475	10	Dolomite
475	465	10	Sand
465	455	10	Dolomite
455	445	10	Sand
445	435	10	Dolomite
435	425	10	Sand
425	415	10	Dolomite
415	405	10	Sand
405	395	10	Dolomite
395	385	10	Sand
385	375	10	Dolomite
375	365	10	Sand
365	355	10	Dolomite
355	345	10	Sand
345	335	10	Dolomite
335	325	10	Sand
325	315	10	Dolomite
315	305	10	Sand
305	295	10	Dolomite
295	285	10	Sand
285	275	10	Dolomite
275	265	10	Sand
265	255	10	Dolomite
255	245	10	Sand
245	235	10	Dolomite
235	225	10	Sand
225	215	10	Dolomite
215	205	10	Sand
205	195	10	Dolomite
195	185	10	Sand
185	175	10	Dolomite
175	165	10	Sand
165	155	10	Dolomite
155	145	10	Sand
145	135	10	Dolomite
135	125	10	Sand
125	115	10	Dolomite
115	105	10	Sand
105	95	10	Dolomite
95	85	10	Sand
85	75	10	Dolomite
75	65	10	Sand
65	55	10	Dolomite
55	45	10	Sand
45	35	10	Dolomite
35	25	10	Sand
25	15	10	Dolomite
15	5	10	Sand

GRAM 1 0109

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, position, and number of shots. If pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or burning.

On May 15, 1961, after reaching depth of 3047', hole was found to be crooked. For five days effort was made to straighten hole before 3000', then hole was reduced to 4 1/4" and carried to 3087'. At which point it was plugged back to 2650'. 8" tools were strung up again and after shooting with both dynamite and nitro-glycerin, repeatedly the hole was carried to 3087' where a deviation of 1 1/2 degrees was reached. At 2816', the deviation had increased sharply. It was decided to put a 25 sack of cement plug on bottom. Move cable tools off of hole and undertake to complete well by use of rotary tools. Rotary tools were lowered on the hole July 5, 1961. Top of cement plug was found at 2800'. Cement was drilled and hole carried to 2860'. Where drill bits began to bind indicating we had been unsuccessful in our effort to start new hole. Completed drilling April 19, 1961. The well was plugged July 7, 1961 according to instructions given by Mr. Jim Kinnaird. The log was extended 50' east (2260' REL) and new rotary hole was started the following day. This new hole is to be known as Donnelly #1 - San Antonio Federal.