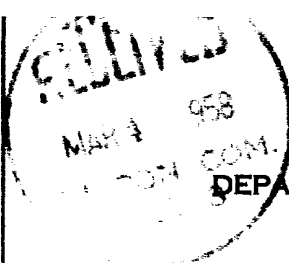
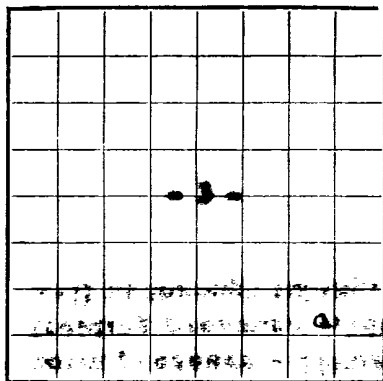


ILLEGIBLE

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE Santa Fe, N. M.SERIAL NUMBER N.M. 94076

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company San Juan Gas Corporation Address 1711 First National Bldg. Santa Fe, N.M.Lessor or Tract _____ Field Carlin State New MexicoWell No. 2-D Sec. 3 T. 36N R. 12E Meridian New Mexico Primary San JuanLocation 960 ft. 10 Line and 335 ft. W of 3 Line of 3 Elevation 7000
(Derrick base 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 Robert C. LarsonDate August 11, 1956 Title Chief Pros.

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

Commenced drilling August 11, 1956 Finished drilling August 20, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2000 to 2000 G No. 4, from _____ to _____No. 2, from 2000 to 2000 G No. 5, from _____ to _____No. 3, from 2000 to 2000 G No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2000 to 2000 No. 3, from 2000 to 2000No. 2, from 2000 to 2000 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	21	3	C.F.L.	2000	Ball	2000	2000	2000	Production
4-1/2	11	3	C.F.L.	1000	Ball	1000	1000	1000	Production
4-1/2	11	3	C.F.L.	1000	Ball	1000	1000	1000	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	90'	30	Ball		
4-1/2	3072.71'	130			

PLUGS AND ADAPTERS

Heaving plug—Material Baker Cast Iron Length 2 feet Depth set 3600'

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

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

Cable tools were used from _____ feet to _____ 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

_____, Driller _____, Driller

_____, Driller _____, Driller

W. M. JarroR. E. Pitts

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	113	113	Broken sand and shale.
113	132	19	Sand - fresh water.
132	206	74	Shale.
206	232	26	Sand.
232	264	32	Shale.
264	390	126	Broken sand and shale.
390	407	17	Sand.
407	407	0	Shale.
407	407	0	Sand.
407	797	390	Shale.
797	1013	216	Sand, broken, and shale.
1013	1049	36	Sand.
1049	1113	64	Shale.
1113	1144	31	Sand.
1144	1202	58	Shale.
1202	1250	48	Sand.
1250	2003	753	Shale.
2003	2327	324	Sand.
2327	2550	223	Shale.
2550	2592	42	Sand.
2592	2672	80	Shale.
2672	2684	12	Sand.

FROM—

TO—

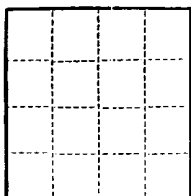
TOTAL FEET

FORMATION

16-43094-4

FROM-	TO-	TOTAL FEET	FORMATION
1684	2714	2714	Shale.
1736	2703	2703	Shale.
2713	2702	2702	Shale.
2707	2701	2701	Shale.
2700	2699	2699	Shale.
2694	2693	2693	Shale.
2687	2686	2686	Shale.
2681	2680	2680	Shale.
2674	2673	2673	Shale.
2667	2666	2666	Shale.
2660	2659	2659	Shale.
2653	2652	2652	Shale.
2646	2645	2645	Shale.
2639	2638	2638	Shale.
2632	2631	2631	Shale.
2625	2624	2624	Shale.
2618	2617	2617	Shale.
2611	2610	2610	Shale.
2604	2603	2603	Shale.
2597	2596	2596	Shale.
2590	2589	2589	Shale.
2583	2582	2582	Shale.
2576	2575	2575	Shale.
2569	2568	2568	Shale.
2562	2561	2561	Shale.
2555	2554	2554	Shale.
2548	2547	2547	Shale.
2541	2540	2540	Shale.
2534	2533	2533	Shale.
2527	2526	2526	Shale.
2520	2519	2519	Shale.
2513	2512	2512	Shale.
2506	2505	2505	Shale.
2499	2498	2498	Shale.
2492	2491	2491	Shale.
2485	2484	2484	Shale.
2478	2477	2477	Shale.
2471	2470	2470	Shale.
2464	2463	2463	Shale.
2457	2456	2456	Shale.
2450	2449	2449	Shale.
2443	2442	2442	Shale.
2436	2435	2435	Shale.
2429	2428	2428	Shale.
2422	2421	2421	Shale.
2415	2414	2414	Shale.
2408	2407	2407	Shale.
2401	2400	2400	Shale.
2394	2393	2393	Shale.
2387	2386	2386	Shale.
2380	2379	2379	Shale.
2373	2372	2372	Shale.
2366	2365	2365	Shale.
2359	2358	2358	Shale.
2352	2351	2351	Shale.
2345	2344	2344	Shale.
2338	2337	2337	Shale.
2331	2330	2330	Shale.
2324	2323	2323	Shale.
2317	2316	2316	Shale.
2310	2309	2309	Shale.
2303	2302	2302	Shale.
2296	2295	2295	Shale.
2289	2288	2288	Shale.
2282	2281	2281	Shale.
2275	2274	2274	Shale.
2268	2267	2267	Shale.
2261	2260	2260	Shale.
2254	2253	2253	Shale.
2247	2246	2246	Shale.
2240	2239	2239	Shale.
2233	2232	2232	Shale.
2226	2225	2225	Shale.
2219	2218	2218	Shale.
2212	2211	2211	Shale.
2205	2204	2204	Shale.
2198	2197	2197	Shale.
2191	2190	2190	Shale.
2184	2183	2183	Shale.
2177	2176	2176	Shale.
2170	2169	2169	Shale.
2163	2162	2162	Shale.
2156	2155	2155	Shale.
2149	2148	2148	Shale.
2142	2141	2141	Shale.
2135	2134	2134	Shale.
2128	2127	2127	Shale.
2121	2120	2120	Shale.
2114	2113	2113	Shale.
2107	2106	2106	Shale.
2100	2099	2099	Shale.
2093	2092	2092	Shale.
2086	2085	2085	Shale.
2079	2078	2078	Shale.
2072	2071	2071	Shale.
2065	2064	2064	Shale.
2058	2057	2057	Shale.
2051	2050	2050	Shale.
2044	2043	2043	Shale.
2037	2036	2036	Shale.
2030	2029	2029	Shale.
2023	2022	2022	Shale.
2016	2015	2015	Shale.
2009	2008	2008	Shale.
2002	2001	2001	Shale.
1995	1994	1994	Shale.
1988	1987	1987	Shale.
1981	1980	1980	Shale.
1974	1973	1973	Shale.
1967	1966	1966	Shale.
1960	1959	1959	Shale.
1953	1952	1952	Shale.
1946	1945	1945	Shale.
1939	1938	1938	Shale.
1932	1931	1931	Shale.
1925	1924	1924	Shale.
1918	1917	1917	Shale.
1911	1910	1910	Shale.
1904	1903	1903	Shale.
1897	1896	1896	Shale.
1890	1889	1889	Shale.
1883	1882	1882	Shale.
1876	1875	1875	Shale.
1869	1868	1868	Shale.
1862	1861	1861	Shale.
1855	1854	1854	Shale.
1848	1847	1847	Shale.
1841	1840	1840	Shale.
1834	1833	1833	Shale.
1827	1826	1826	Shale.
1820	1819	1819	Shale.
1813	1812	1812	Shale.
1806	1805	1805	Shale.
1799	1798	1798	Shale.
1792	1791	1791	Shale.
1785	1784	1784	Shale.
1778	1777	1777	Shale.
1771	1770	1770	Shale.
1764	1763	1763	Shale.
1757	1756	1756	Shale.
1750	1749	1749	Shale.
1743	1742	1742	Shale.
1736	1735	1735	Shale.
1729	1728	1728	Shale.
1722	1721	1721	Shale.
1715	1714	1714	Shale.
1708	1707	1707	Shale.
1701	1700	1700	Shale.
1694	1693	1693	Shale.
1687	1686	1686	Shale.
1680	1679	1679	Shale.
1673	1672	1672	Shale.
1666	1665	1665	Shale.
1659	1658	1658	Shale.
1652	1651	1651	Shale.
1645	1644	1644	Shale.
1638	1637	1637	Shale.
1631	1630	1630	Shale.
1624	1623	1623	Shale.
1617	1616	1616	Shale.
1610	1609	1609	Shale.
1603	1602	1602	Shale.
1596	1595	1595	Shale.
1589	1588	1588	Shale.
1582	1581	1581	Shale.
1575	1574	1574	Shale.
1568	1567	1567	Shale.
1561	1560	1560	Shale.
1554	1553	1553	Shale.
1547	1546	1546	Shale.
1540	1539	1539	Shale.
1533	1532	1532	Shale.
1526	1525	1525	Shale.
1519	1518	1518	Shale.
1512	1511	1511	Shale.
1505	1504	1504	Shale.
1498	1497	1497	Shale.
1491	1490	1490	Shale.
1484	1483	1483	Shale.
1477	1476	1476	Shale.
1470	1469	1469	Shale.
1463	1462	1462	Shale.
1456	1455	1455	Shale.
1449	1448	1448	Shale.
1442	1441	1441	Shale.
1435	1434	1434	Shale.
1428	1427	1427	Shale.
1421	1420	1420	Shale.
1414	1413	1413	Shale.
1407	1406	1406	Shale.
1400	1399	1399	Shale.
1393	1392	1392	Shale.
1386	1385	1385	Shale.
1379	1378	1378	Shale.
1372	1371	1371	Shale.
1365	1364	1364	Shale.
1358	1357	1357	Shale.
1351	1350	1350	Shale.
1344	1343	1343	Shale.
1337	1336	1336	Shale.
1330	1329	1329	Shale.
1323	1322	1322	Shale.
1316	1315	1315	Shale.
1309	1308	1308	Shale.
1302	1301	1301	Shale.
1295	1294	1294	Shale.
1288	1287	1287	Shale.
1281	1280	1280	Shale.
1274	1273	1273	Shale.
1267	1266	1266	Shale.
1260	1259	1259	Shale.
1253	1252	1252	Shale.
1246	1245	1245	Shale.
1239	1238	1238	Shale.
1232	1231	1231	Shale.
1225	1224	1224	Shale.
1218	1217	1217	Shale.
1211	1210	1210	Shale.
1204	1203	1203	Shale.
1197	1196	1196	Shale.
1190	1189	1189	Shale.
1183	1182	1182	Shale.
1176	1175	1175	Shale.
1169	1168	1168	Shale.
1162	1161	1161	Shale.
1155	1154	1154	Shale.
1148	1147	1147	Shale.
1141	1140	1140	Shale.
1134	1133	1133	Shale.
1127	1126	1126	Shale.
1120	1119	1119	Shale.
1113	1112	1112	Shale.
1106	1105	1105	Shale.
1099	1098	1098	Shale.
1092	1091	1091	Shale.
1085	1084	1084	Shale.
1078	1077	1077	Shale.
1071	1070	1070	Shale.
1064	1063	1063	Shale.
1057	1056	1056	Shale.
1050	1049	1049	Shale.
1043	1042	1042	Shale.
1036	1035	1035	Shale.
1029	1028	1028	Shale.
1022	1021	1021	Shale.
1015	1014	1014	Shale.
1008	1007	1007	Shale.
1001	1000	1000	Shale.
994	993	993	Shale.
987	986	986	Shale.
980	979	979	Shale.
973	972	972	Shale.
966	965	965	Shale.
959	958	958	Shale.
952	951	951	Shale.
945	944	944	Shale.
938	937	937	Shale.
931	930	930	Shale.
924	923	923	Shale.
917	916	916	Shale.
910	909	909	Shale.
903	902	902	Shale.
896	895	895	Shale.
889	888	888	Shale.
882	881	881	Shale.
875	874	874	Shale.
868	867	867	Shale.
861	860	860	Shale.
854	853	853	Shale.
847	846	846	Shale.
840	839	839	Shale.
833	832	832	Shale.
826	825	825	Shale.
819	818	818	Shale.
812	811	811	Shale.
805	804	804	Shale.
798	797	797	Shale.
791	790	790	Shale.
784	783	783	Shale.
777	776	776	Shale.
770	769	769	Shale.
763	762	762	Shale.
756	755	755	Shale.
749	748	748	Shale.
742	741	741	Shale.
735	734	734	Shale.
728	727	727	Shale.
721	720	720	Shale.
714	713	713	Shale.
707	706	706	Shale.
700	699	699	Shale.
693	692	692	Shale.
686	685	685	Shale.
679	678	678	Shale.
672	671	671	Shale.
665	664	664	Shale.
658	657	657	Shale.
651	650	650	Shale.
644	643	643	Shale.
637	636	636	Shale.
630	629	629	Shale.
623	622	622	Shale.
616	615	615	Shale.
609	608	608	Shale.
602	601	601	Shale.
595	594	594	Shale.
588	587	587	Shale.
581	580	580	Shale.
574	573	573	Shale.
567	566	566	Shale.
560	559	559	Shale.
553	552	552	Shale.
546	545	545	Shale.
539	538	538	Shale.
532	531	531	Shale.
525	524	524	Shale.
518	517	517	Shale.
511	510	510	Shale.
504	503	503	Shale.
497	496	496	Shale.
490	489	489	Shale.
483	482	482	Shale.
476	475	475	Shale.
469	468	468	Shale.
462	461	461	Shale.
455	454	454	Shale.
448	447	447	Shale.
441	440	440	Shale.
434	433	433	Shale.
427	426	426	Shale.
420	419	419	Shale.

Oral Approval Received March 17, 1958

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office New MexicoLease No. 04076Unit Federal

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 17, 1958

Well No. 3-D is located 200 ft. from [S] line and 835 ft. from [E] line of sec. 3
SE/4 Sec. 3 25N 2W N.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Rio Arriba New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7434 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is intended to plug and abandon this well in the following manner:

Squeeze existing Pictured Cliffs perforations between 3610' and 3664' with 50 sacks of cement. Spot a 50 sack cement plug at the surface, erect a 4"x4" pipe as a permanent marker and restore to location to original contours.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company San Juan Gas CorporationAddress Box 997Farmington, New MexicoAttn: E. S. OberlyBy Original Signed D. C. JohnstonTitle Petroleum Engineer