

PARAGUAY OCCIDENTAL (CHACO) - RELACIÓN DE POZOS DE EXPLORACIÓN PARA HIDROCARBUROS

Nr.	Operator	Well name-Nr.	Location		Year	Subbasin/area	Total depth (meters)	TD - geological formation	Hydro-carbon indication	BHT (°C)	Geotherm. gradient (°C/100m)
			Geogr.	UTM							
1	Union Oil Co.	Santa Rosa - 1	21°45' S 61°41' W	20K0636153 7594264	1947	Boquerón high	2.310 m	Fm. Sta. Rosa (Llandoveriano)	oil show	---	---
2	Union Oil Co.	La Paz - 1	21°53' S 60°58' W	20K0710086 7578696	1948	Boquerón high	2.210 m	Gr. San Alfredo inf. (Pridoliano)	---	---	---
3	Union Oil Co.	Pirizal - 1	23°03' S 60°38' W	20K0742498 7448984	1948	Pirity	3.148 m	Fm Sta. Barbara (Pal. inf. Eoc.sup.)	oil show	---	---
4	Union Oil Co.	Picuiba - 1	20°40' S 61°56' W	20K0611106 7714377	1949	Carandaity (south)	2.290 m	Gr San Alfredo inf. (Pragiano/Emsiano)	oil show	---	---
5	Union Oil Co.	Orihuela - 1	23°24' S 58°40' W	21K0329688 7411215	1949	San Pedro (west)	2.046 m	Gr San Alfredo inf. (Pragiano/Emsiano)	---	---	---
6	Pure Oil Co.	Madrejón - 1	20°25' S 59°29' W	21K0240859 7740449	1957	Curupaity (south)	1.728 m	Fm. Sta. Rosa (Llandoveriano)	oil show	107,78	4,69
7	Pure Oil Co.	Lagerenza - 1	20°00' S 61°00' W	20K0709243 7787269	1958	Lagerenza high	2.893 m	Fm. Sta. Rosa (Llandoveriano)	gas show	176,67	5,19
8	Pure Oil Co.	Lopez - 1	21°46' S 59°58' W	21K0193179 7590052	1959	Pirity	1.737 m	Gr. San Alfredo inf. (Pragiano/Emsiano)	---	82,22	3,20
9	Pure Oil Co.	Mendoza - 1R	20°09'38" S 61°46'39" W	20K0637564 7765841	1959	Carandaity (north)	3.244 m	Fm. Sta. Rosa (Llandoveriano)	gas blow oil show	157,22	4,02
10	Placid Oil Co.	Mendoza - 1	20°07'30" S 61°45'20" W	20K0630080 7774200	1966	Carandaity (north)	794 m	Gr. San Alfredo sup. (Eifeliano)	gas blow	62,22	4,49
11	Placid Oil Co.	Mendoza - 2	20°02'20" S 61°52'10" W	20K0618239 7783815	1967	Carandaity (north)	1.247 m	Gr. San Alfredo sup. (Eifeliano)	gas blow	64,45	3,03
12	Placid Oil Co.	Mendoza - 3	20°03'10" S 61°53'10" W	20K0616485 7782290	1967	Carandaity (north)	704 m	Gr. San Alfredo sup. (Givetiano)	---	55,00	4,08
13	Pennzoil & Vict. Holdings	Alicia - 1	20°57'02" S 61°48'57" W	20K0623116 7682869	1971	Carandaity (south)	1.306 m	Gr. San Alfredo sup. (Eifeliano)	---	55,56	2,21
14	Pennzoil & Vict. Holdings	Brigida - 1	21°18'50" S 61°55'22" W	20K0611724 7642731	1971	Carandaity (south)	1.513 m	Gr. San Alfredo sup. (Eifeliano)	oil show	58,89	2,13
15	Pennzoil & Vict. Holdings	Cristina - 1	21°26'54" S 61°53'26" W	20K0614960 7627826	1971	Boquerón high	643 m	Gr. San Alfredo sup. (Givetiano)	oil show	38,33	1,81

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			Geogr.	UTM							
16	Pennzoil & Vict. Holdings	Dorotea - 1	21°17'01" S 62°08'54" W	20K0588346 7646225	1971	Carandaity (south)	854 m	Gr. San Alfredo sup. (Givetiano)	oil show	44,45	2,08
17	Pennzoil & Vict. Holdings	Emilia - 1	20°06'34" S 62°07'14" W	20K0591933 7776165	1971	Carandaity (south)	1.021 m	Gr. San Alfredo sup (Givetiano).	oil show	51,11	2,39
18	Pennzoil & Vict. Holdings	Federica - 1	21°35'02" S 62°11'59" W	20K0582846 7613017	1971	Boquerón high	800 m	Gr. San Alfredo sup. (Givetiano)	oil show	40,00	1,67
19	Pennzoil & Vict. Holdings	Gabriela - 1	21°46'43" S 62°00'02" W	20K0603326 7591343	1971	Boquerón high	1.016 m	Gr. San Alfredo sup. (Eifeliano)	oil show	50,09	2,38
20	Pennzoil & Vict. Holdings	Hortensia - 1	21°30'29" S 61°39'27" W	20K0639056 7621025	1971	Boquerón high	765 m	Gr. San Alfredo sup. (Eifeliano)	oil show	41,11	1,89
21	Pennzoil & Vict. Holdings	Isabel - 1	21°01'14" S 61°27'40" W	20K0659927 7674807	1971	Carandaity (south)	946 m	Gr. San Alfredo sup. (Eifeliano)	---	47,22	2,17
22	Pennzoil & Vict. Holdings	Julia - 1	20°36'05" S 61°37'03" W	20K0644070 7721355	1971	Carandaity (south)	1.281 m	Gr. San Alfredo sup. (Eifeliano)	oil show	53,33	2,08
23	Pennzoil & Vict. Holdings	Katerina - 1	20°44'30" S 61°33'50" W	20K0649520 7705779	1971	Carandaity (south)	1.143 m	Gr. San Alfredo sup. (Eifeliano)	---	50,55	2,09
24	Pennzoil & Vict. Holdings	Luciana - 1	20°09'40" S 61°43'10" W	20K0633811 7768330	1972	Carandaity (north)	819 m	Gr. San Alfredo sup. (Eifeliano)	---	45,56	2,30
25	Pennzoil & Vict. Holdings	Marta - 1	20°16'31" S 61°40'27" W	20K0638455 7757501	1972	Carandaity (north)	828 m	Gr. San Alfredo sup. (Eifeliano)	---	44,45	2,15
26	Pennzoil & Vict. Holdings	Nola - 1	20°07'49" S 61°47'13" W	20K0626794 7773640	1972	Carandaity (north)	760 m	Gr. San Alfredo sup. (Givetiano)	---	43,33	2,19
27	Pennzoil & Vict. Holdings	Olga - 1	21°25'13" S 61°52'41" W	20K0616278 7630922	1972	Boquerón high	1.172 m	Gr. San Alfredo sup. (Eifeliano)	oil show	54,44	2,37
28	Pennzoil & Vict. Holdings	Don Quijote - 1	21°37'47" S 61°56'43" W	20K0609154 7607787	1972	Boquerón high	2.895 m	Fm. La Paz (Llanvirniano)	oil show	122,23	3,30
29	Repsa & Cía. Petrolera del Chaco	Palo Santo - 1	23°10'20" S 60°46'08" W	20K0728396 7435665	1974	Pirity	3.763 m	Fm. Palo Santo (Cret. sup. - Pal. inf.)	---	132,22	2,80
30	Esso, Aminoil & Chaco Expl.Co.	Berta - 1	22°32'47" S 61°00'38" W	20K0704585 7505331	1976	Pirity	4.789 m	Fm. San José / Cabrera (Westfaliano-Sakmariano)	gas show	164,44	2,87

PARAGUAY OCCIDENTAL (CHACO) - RELACIÓN DE POZOS DE EXPLORACIÓN PARA HIDROCARBUROS (cont.)

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			Geogr.	UTM							
31	Texaco & Marat. Co.	Cerro León - 1	19°49' S 60°56' W	20K0716470 7807482	1976	Lagerenza high	1.970 m	Gr. San Alfredo inf. (Pragiano / Emsiano)	gas show	98,89	3,67
32	Texaco & Marat. Co.	Toro - 1	20°07'58" S 58°57'04" W	21K0296045 7772630	1977	Curupaity (south)	3.418 m	Fm. Sta. Rosa (Llandoveriano)	oil -gas show	150,55	3,62
33	Texaco & Marat. Co.	Gato - 1	20°03'30" S 58°52'30" W	21K0303911 7780963	1978	Curupaity (south)	1.646 m	Gr. San Alfredo sup. (Givetiano)	oil-gas show	76,67	3,03
34	Chaco Expl.Co.	Parapiti - 1	21°00'00" S 61°00'00" W	20K0707889 7676552	1977	Carandaity (south)	3.000 m	Fm. La Paz (Llanvirniano)	gas show	117,78	3,21
35	Chaco Expl.Co.	Parapiti - 2	21°34'00" S 62°00'00" W	20K0603535 7614804	1977	Boquerón high	2.370 m	Fm. Sta. Rosa (Llandoveriano)	---	104,44	3,30
36	Cía. Petrolera del Chaco	Anita - 1	22°53'24" S 61°30'18" W	20K0653346 7467879	1978	Pirity	4.129 m	Fm. Berta (Jur. sup. - Cret. sup.)	ind.	148,89	2,96
37	Cía. Petrolera del Chaco	Gloria - 1	22°56'55" S 60°38'04" W	20K0742566 7460216	1979	Pirity	4.016 m	Fm. Berta (Jur. sup. - Cret. sup.)	---	141,11	2,85
38	Occidental	Carmen - 1	23°15'07" S 61°18'14" W	20K0673514 7427575	1985	Pirity	4.511 m	Fm. San José / Cabrera (Westfaliano-Sakmariano)	ind.	174,44	3,27
39	Occidental	Tte. Acosta - 1	22°44'55" S 60°25'15" W	20K0764866 7482002	1987	Pirity	4.268 m	Fm. Berta (Jur. sup. - Cret. sup.)	---	155,28	2,99
40	Occidental	Nazareth - 1	22°39'17" S 59°51'37" W	21K0206047 7491874	1987	Pirity	4.025 m	Fm. Berta (Jur. sup. - Cret. sup.)	---	136,11	2,71
41	P.C. Martínez	Independencia -1	20° 09' 45"S 61°46' 24"W	20K0628191 7770063	1993	Carandaity (north)	609 m	Gr. San Alfredo sup. (Eifeliano)	gas blow	53,20	3,89
42	Phillips	Pantera - 1	19°37'25" S 59°39'25" W	21K0221352 7828007	1995	Curupaity (central)	2.130 m	Gr. San Alfredo inf. (Pragiano / Emsiano)	oil - gas show	113,61	3,32
43	P.C. Martínez	Independencia - 2	20°09'40" S 61°46'24" W	20K0628192 7770217	1996	Carandaity (north)	624 m	Gr. San Alfredo sup. (Eifeliano)	gas show	53,20	3,89

PARAGUAY ORIENTAL - RELACIÓN DE POZOS DE EXPLORACIÓN PARA HIDROCARBUROS

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			Geogr.	UTM							
1	Pecten / Occid. / Trend	Asunción - 1	24°04'12.5" S 56°27'12.4" W	21J0555561 7337900	1981	San Pedro (central)	3.223 m	Gr. Caacupé (Llanvirniano)	oil show	92,22	2,11
2	Pecten / Occid. / Trend	Asunción - 2	23°41'47.9" S 56°35'02.3" W	21K0542413 7379297	1982	San Pedro (north)	2.926 m	Gr. Caacupé (Llanvirniano)	oil show	76,11	1,82
3	Texaco	Mallorquín - 1	25°28'47" S 55°16'40" W	21J0673124 7180812	1990	Paraná (central occid.)	2.991 m	Gr. Cnel. Oviedo (Stefan.-Sakmariano)	oil-gas show	87,78	3,63
4	Texaco / Guaraní	Inés - 1	25°26'18,6" S 55°17'07.7" W	21J0672409 7185388	1994	Paraná (central occid.)	775 m	Fm. San Miguel (Sakmariano)	oil show	40,00	5,16
5	Texaco / Guaraní	Inés - 2	25°26'49,5" S 55°16'39,5" W	21J0673185 7184427	1994	Paraná (central occid.)	927 m	Fm. San Miguel (Sakmariano)	oil show	43,33	4,67

Gradientes térmicos según unidades geotectónicas y su relación al potencial para hidrocarburos.

Área		Gradiente térmico		Potencial para hidrocarburos	
		°C/100m	m/1°C	HC	Formación
1.	San Pedro	2,0 - 2,5°C / 100m	40 m / 1°C	petróleo petróleo gas	Gr. Cnel. Oviedo Gr. San Pedro Gr. Itacurubí
2.	Pirity	2,8 - 3,0°C / 100 m	33 m / 1°C	petróleo gas (?)	Gr. Pirity inferior Gr. Palmar de las Islas
3.	Paraná	3,5 - 4,0°C / 100 m	25 m / 1°C	petróleo petróleo gas	Gr. Independencia Gr. Cnel. Oviedo Gr. San Pedro
4.	Curupaity Carandaity Boquerón	2,0 - 3,3°C / 100 m	30 m / 1°C	petróleo/gas petróleo/gas gas	Gr. Palmar de las Islas Gr. San Alfredo Gr. Cerro León
5.	Lagerenza	3,5 - 5,0°C / 100 m	20 m / 1°C	gas gas (?)	Gr. San Alfredo Gr. Cerro León