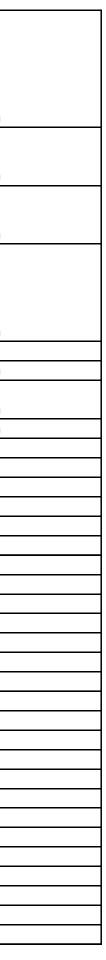
									,		Was Sump	
											filled with So	
								How Many Years			or Other	
(Current) Owner	F : 1137				Sump Location		When Was the Sump (First)	1	Amount of Fluid		Material?	
and/or Operator	Field Name	County	Sump Name/Description	-	Latitude Longitude	(LxWxD) Sump Volume in ft.3	Excavated	Active	Discharged in bbls.	Composition of Fluid(s) ¹	(Yes/No)	When Was the Sur
Southern California Gas				The sump is evident in photos from 1949 and 1954. Based on site reconnaissance and		Based on aerial photographs 80 x 150. Limey	Pothole trench excavated					
Company				trenching data, the sump cavity was excavated in bedrock, and once filled, covered with locally derived material. Located approximately 210 feet southeast of an oil well known as		shale encountered at 11 feet below ground surface (bgs)	in 1997					
(SoCalGas)	Aliso Canyon	Los Angeles	Sump 1	"Standard Sesnon 24".		surface (bgs)		Unknown	Unknown		unknown	Unknown
		LOS Angeles	Sump 1	Sump 2 is positioned on a relatively flat pad near the oil well know as "Standard Sesnon		Based on aerial photographs 80 x 100.		Onknown	Onknown		unknown	
				3".		However, the final remediation excavation						
						area covered an area of approximately 13,060						
						square feet to a depth of between 26 and 31	Drum extracated in 1997.					
						feet.	Exploratory trenching					
SoCalGas	Aliso Canyon	Los Angeles	Sump 2				excavated in 1996.	Unknown	Unknown		Yes	Unknown
				Sump identified with some degree of uncertainty as absolute evidence of a sump was not		Siltstone bedrock encountered at 6 feet bgs						
				identified during field investigations.								
			C				Drume outre ested in 1007	Links and			N	
SoCalGas	Aliso Canyon	Los Angeles	Sump 3				Drums extracated in 1997.	Unknown	Unknown		Yes	Unknown
				Based on available data the apparent location of the sump is north of an oil well known as								
				"Fernando Fee 11". Groundwater was encountered at 19 feet bgs during a 1997								
				investigation. During a subsequent investigation no groundwater was encountered and			Exploratory trench					
SoCalGas	Aliso Canyon	Los Angeles	Sump 4	therefore it was estimated that the water was perched transient water.			excavated in 1997	Unknown	Unknown		Yes	Unknown
						The suspected sump was not identified						
						through aerial photos, site reconnaissance						
						mapping or geophysical surveying.	Exploratory trench					
SoCalGas	Aliso Canyon	Los Angeles	Sump 5	Not definitively identified			excavated in 1997	Unknown	Unknown		unknown	Unknown
						Based on aerials 60 x 110. Siltstone bedrock						
				The sump is positioned on ten of a southwest transfing ridgeline that outends about EOO		encountered at 8 feet bgs						
				The sump is positioned on top of a southwest-trending ridgeline that extends about 500 feet southwest of an oil well known as "Porter 32". There is limited access to the sump			Exploratory trench					
SoCalGas	Aliso Canyon	Los Angeles	Sump 6	area.			excavated in 1997	Unknown	Unknown		unknown	Unknown
Socaldas		Los / ligeres	Sump o			unknown						
							Two exploratory pothole					
				Not definitively identified. Aerial photography and field reconnaissance efforts could not			trenches excavated in					
SoCalGas	Aliso Canyon	Los Angeles	Sump 7	confirm the presence of a sump.			1997	Unknown	Unknown		unknown	Unknown
						35 x35 (west) and 25 x 25 (east). Siltstone						
						bedrock encountered at 11 feet bgs in west						
						sump, 3 ft. bgs in east sump.						
				Sump presence was confirmed by research and field work. The sump actually consists of			One exploratory trench					
SoCalGas	Aliso Canyon	Los Angeles	Sump 8	two adjacent, but physically distinct sumps, are referred to as the eastern and western sumps.			excavated in each sump in 1997	Unknown	Unknown		unknown	Unknown
30001003		LOS Angeles		Location of the sump was confirmed by aerial photos, however actual field evidence of		25 x 60. Siltstone bedrock encountered at 12	Exploratory trench	OIKIOWII	UIIKIIUWII		UIIKIIOWII	
SoCalGas	Aliso Canyon	Los Angeles	Sump 9	sump materials was not found.		feet bgs	excavated in 1997	Unknown	Unknown		unknown	Unknown
		0.11				60 x 85	Two exploratory pothole					
							trenches excavated in					
SoCalGas	Aliso Canyon	Los Angeles	Sump 10	The location not confirmed, albeit confirmed on aerial photographs.			1996	Unknown	Unknown		unknown	Unknown
						55 x 220. Sandstone encountered at 12 bgs	Exploratory trenching					
SoCalGas	Aliso Canyon	Los Angeles	Sump 11	The sump is apparent in 1949 and 1954 aerials, with no immediately adjacent oil wells.			performed in 1996	Unknown	Unknown		unknown	Unknown
				Not definitively identified. Estimated to be in the general vicinity of an oil well known as		unknown						
SoCalGas	Aliso Canyon	Los Angeles	Sump 12	"Porter 42"			unknown	Unknown	Unknown			Unknown
	Alian Conven		Curren 12	Sump 13 is positioned on a relatively flat pad near the oil well know as "Porter Sesnon 20".		35 x 75	Exploratory trenching performed in 1996					Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 13	Sump located within a relatively level area on upper portion of hill, south of oil well and		11,717 square feet	Exploratory trenching	Unknown	Unknown			
SoCalGas	Aliso Canyon	Los Angeles	Sump 14	pad			performed in 2006	Unknown	Unknown			Unknown
		2007 1180103		han.	1	11,127 square feet						
				Sump 15 is located approximately 180 feet north of a well referred to as 'Orcutt -			SoCalGas performed soil					
SoCalGas	Aliso Canyon	Los Angeles	Sump 15	Del Aliso - Sesnon 1' # 1			removal activates in 2008	Unknown	Unknown			Unknown
						6,652 square feet						
				Sump 16 is located near the well referred to as 'Orcutt -			Exploratory trenching					
SoCalGas	Aliso Canyon	Los Angeles	Sump 16	Del Aliso - Sesnon 1' # 1			performed in 2006	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 17	Sump was inaccessible			unknown	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 18	Sump was inaccessible		16,480 square feet	unknown	Unknown	Unknown			Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump 19	Sump was inaccessible		8,937 square feet	unknown	Unknown	Unknown			Unknown

Example for Each Sump



				Sump 20 is located within a relatively level area just below a cut slope A light growth of grass and brush covers this sump area. There	13,226 square feet					
				are no visual indications of the former sump location other than the flat-lying pad and a						
				northern cut slope. Stained soil or possible oil seepage was not encountered within or		E de staat de staat de s				
			Summer 20	adjacent to this sump location.		Exploratory trenching				Linder avera
SoCalGas	Aliso Canyon	Los Angeles	Sump 20		10.204 annual fact	performed in 2006	Unknown	Unknown		Unknown
		Los Angeles	Sump 21	Sump 21 is two adjoining sumps located west of an access road that traverses north and	19,364 square feet	SoCalGas performed soil removal activities in 2008	Unknown	Unknown		
SoCalGas	Aliso Canyon			past the well referred to as 'Sesnon Fee' 6 (Figure 3). This sump is located approximately 200 feet southwest of this well.						Unknown
50001003					9,353square feet				+	
				Sump 22 is located approximately 150 feet west of the well referred to as 'Sesnon	5,5553quare reet	SoCalGas performed soil				
SoCalGas	Aliso Canyon	Los Angeles	Sump 22	Fee' 8.		removal activities in 2008	Unknown	Unknown		Unknown
				Sump 23 is located within a relatively level area at the south end of an overgrown This	6,888 square feet				+	
				sump area is covered with a moderate growth of coastal shrub. Fences border a portion of						
				the former sump area. Stained soil or possible oil seepage was not encountered within or						
				adjacent to this sump location.		Exploratory trenching				
SoCalGas	Aliso Canyon	Los Angeles	Sump 23			performed in 2006	Unknown	Unknown		Unknown
SoCalGas	Aliso Canyon	Los Angeles	Sump Frew 7	western sump area						
SoCalGas	Aliso Canyon	Los Angeles	Sump N	western sump area			Unknown	Unknown		Unknown
			Sesnon Fee 2 and 2A(SF2							
SoCalGas	Aliso Canyon	Los Angeles	and SF2A)				Unknown	Unknown		Unknown
							Unknown	Unknown		Unknown
									+	
									+	
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What Material Was Used to Fill the Sump?	Was There Solidified Waste? (Yes/No)	If Yes, What Was the Composition of those Solids?
Covered with locally derived material	none encountered	
3 buried 55 -gallon drums were found and removed. Upper 4.5 feet contained fill soil and scattered debris. Surficial material was underlain by stained soils and drilling muds. One buried 55-gallon drum was found and removed. Fill soil was	Yes	Drilling muds encountered
encountered from ground surface to about 6 feet bgs.	none encountered	
Soils from trenching and exploratory borings indicated the presence of stained and unstained soils within the top 21 feet, with drilling muds identified at 15-18 bgs.	Yes	Drilling muds encountered
N/A	none encountered	
Fill soils, were encountered from surface to a depth of approximately 8 feet bgs, where siltstone bedrock was encountered.	none encountered	
Unstained fill soil encountered in trenches in about top 1-2 feet, where siltstone bedrock was encountered.	none encountered	
Concrete debris encountered from surface to 1 foot bgs, unstained fill soil was encountered from 1 to 11 feet bgs (west). Unstained fill soil (0-3 feet)	none encountered	
Light brown coble silt (fill) encountered to 12 bgs	none encountered	
Sandy silt to total depth of potholes (12-15 bgs)	none encountered	
Silty sand and silty sand talus debris.	none encountered	
unknown	none encountered	
brown sandy silt, few black oil stained nodules	none encountered	
silty clay, some black stained oil nodules, bentonite Brown to olive brown silty clay with abundant gravel- to cobble-size		
angular rock fragments		
L	1	I

Example for Each Sump

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Example for Each Sump