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*-----SCHLUMBERGER-----*  
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SCHLUMBERGER DIRECTIONAL SURVEY

UNION OIL OF CALIFORNIA

COVE FORT SULFURDALE 14-29

WILDCAT

MILLARD COUNTY, UTAH

RUN NO.	1	1268 -	2062	27-JUN-79	6017
RUN NO.	2	2096 -	2448	7-JUL-79	6027

START OF SURVEY IS CASING AT 1240 FT.

RADIUS OF CURVATURE METHOD

REFERENCE JOB 6027.

* DEPTH *	* DEVIATION *	* AZIMUTH *	* TRUE *	* CO-ORDINATES *	* COURSE *				
* FEET *	* DEGREES *	* DEGREES *	* VERTICAL *	* + NORTH *	* + EAST *	* LENGTH *			
			* DEPTH *	* - SOUTH *	* - WEST *	* FEET *			

* 1240.0 *	* 1.4 *	* 324.0 *	* 1240.0 *	* 0.0 *	* 0.0 *	* 0.0 *			
* 1260.0 *	* 1.4 *	* 324.0 *	* 1260.0 *	* 0.4 *	* -0.3 *	* 0.5 *			
* 1280.0 *	* 1.7 *	* 310.0 *	* 1280.0 *	* 0.8 *	* -0.7 *	* 1.0 *			
* 1300.0 *	* 2.8 *	* 296.0 *	* 1300.0 *	* 1.2 *	* -1.2 *	* 1.7 *			
* 1320.0 *	* 4.6 *	* 293.0 *	* 1319.9 *	* 1.7 *	* -2.4 *	* 3.0 *			
* 1340.0 *	* 4.1 *	* 288.0 *	* 1339.9 *	* 2.3 *	* -3.8 *	* 4.5 *			
* 1360.0 *	* 4.4 *	* 285.0 *	* 1359.8 *	* 2.7 *	* -5.3 *	* 6.0 *			
* 1380.0 *	* 4.3 *	* 283.0 *	* 1379.8 *	* 3.1 *	* -6.7 *	* 7.4 *			
* 1400.0 *	* 4.1 *	* 285.0 *	* 1399.7 *	* 3.5 *	* -8.2 *	* 8.9 *			
* 1420.0 *	* 3.8 *	* 276.0 *	* 1419.7 *	* 3.7 *	* -9.5 *	* 10.2 *			
* 1440.0 *	* 3.6 *	* 281.0 *	* 1439.6 *	* 3.9 *	* -10.7 *	* 11.4 *			
* 1460.0 *	* 4.0 *	* 270.0 *	* 1459.6 *	* 4.0 *	* -12.2 *	* 12.8 *			
* 1480.0 *	* 3.6 *	* 267.0 *	* 1479.5 *	* 4.0 *	* -13.4 *	* 14.0 *			
* 1500.0 *	* 4.0 *	* 268.0 *	* 1499.5 *	* 4.0 *	* -14.8 *	* 15.4 *			
* 1520.0 *	* 3.9 *	* 266.0 *	* 1519.4 *	* 4.0 *	* -16.2 *	* 16.7 *			
* 1540.0 *	* 3.9 *	* 260.0 *	* 1539.4 *	* 3.8 *	* -17.6 *	* 18.0 *			
* 1560.0 *	* 4.0 *	* 262.0 *	* 1559.3 *	* 3.6 *	* -19.0 *	* 19.4 *			
* 1580.0 *	* 3.9 *	* 256.0 *	* 1579.3 *	* 3.3 *	* -20.3 *	* 20.6 *			
* 1600.0 *	* 3.7 *	* 261.0 *	* 1599.2 *	* 3.0 *	* -21.6 *	* 21.8 *			
* 1620.0 *	* 4.0 *	* 251.0 *	* 1619.2 *	* 2.7 *	* -22.9 *	* 23.1 *			
* 1640.0 *	* 3.9 *	* 259.0 *	* 1639.1 *	* 2.4 *	* -24.3 *	* 24.4 *			
* 1660.0 *	* 4.0 *	* 252.0 *	* 1659.1 *	* 2.1 *	* -25.6 *	* 25.7 *			
* 1680.0 *	* 4.1 *	* 263.0 *	* 1679.0 *	* 1.8 *	* -27.0 *	* 27.0 *			
* 1700.0 *	* 3.9 *	* 256.0 *	* 1699.0 *	* 1.6 *	* -28.4 *	* 28.4 *			
* 1720.0 *	* 4.4 *	* 263.0 *	* 1718.9 *	* 1.3 *	* -29.8 *	* 29.8 *			
* 1740.0 *	* 3.9 *	* 253.0 *	* 1738.9 *	* 1.0 *	* -31.2 *	* 31.2 *			
* 1760.0 *	* 4.4 *	* 257.0 *	* 1758.8 *	* 0.6 *	* -32.6 *	* 32.6 *			
* 1780.0 *	* 4.4 *	* 253.0 *	* 1778.8 *	* 0.2 *	* -34.1 *	* 34.1 *			
* 1800.0 *	* 4.4 *	* 260.0 *	* 1798.7 *	* -0.2 *	* -35.6 *	* 35.6 *			
* 1820.0 *	* 4.4 *	* 249.0 *	* 1818.7 *	* -0.6 *	* -37.0 *	* 37.0 *			
* 1840.0 *	* 4.4 *	* 254.0 *	* 1838.6 *	* -1.1 *	* -38.5 *	* 38.5 *			
* 1860.0 *	* 4.4 *	* 251.0 *	* 1858.5 *	* -1.5 *	* -40.0 *	* 40.0 *			
* 1880.0 *	* 4.4 *	* 254.0 *	* 1878.5 *	* -2.0 *	* -41.4 *	* 41.5 *			
* 1900.0 *	* 4.7 *	* 262.0 *	* 1898.4 *	* -2.2 *	* -43.0 *	* 43.0 *			
* 1920.0 *	* 4.4 *	* 260.0 *	* 1918.4 *	* -2.5 *	* -44.5 *	* 44.6 *			
* 1940.0 *	* 4.4 *	* 252.0 *	* 1938.3 *	* -2.8 *	* -46.0 *	* 46.1 *			
* 1960.0 *	* 4.7 *	* 264.0 *	* 1958.2 *	* -3.0 *	* -47.6 *	* 47.7 *			
* 1980.0 *	* 4.4 *	* 261.0 *	* 1978.2 *	* -3.2 *	* -49.1 *	* 49.2 *			
* 2000.0 *	* 4.5 *	* 271.0 *	* 1998.1 *	* -3.3 *	* -50.7 *	* 50.8 *			
* 2020.0 *	* 4.6 *	* 275.0 *	* 2018.1 *	* -3.3 *	* -52.2 *	* 52.3 *			
* 2040.0 *	* 4.7 *	* 269.0 *	* 2038.0 *	* -3.4 *	* -53.9 *	* 54.0 *			
* 2060.0 *	* 5.1 *	* 266.0 *	* 2057.9 *	* -3.6 *	* -55.5 *	* 55.6 *			
* 2080.0 *	* 4.8 *	* 257.9 *	* 2077.9 *	* -4.0 *	* -57.1 *	* 57.3 *			
* 2100.0 *	* 4.8 *	* 266.0 *	* 2097.8 *	* -4.3 *	* -58.8 *	* 58.9 *			
* 2120.0 *	* 4.6 *	* 267.0 *	* 2117.7 *	* -4.4 *	* -60.4 *	* 60.6 *			
* 2140.0 *	* 4.6 *	* 266.0 *	* 2137.7 *	* -4.5 *	* -62.0 *	* 62.2 *			

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*           *           *           * TRUE          * CO-ORDINATES *           *
* DEPTH    * DEVIATION * AZIMUTH  * VERTICAL    * *****    * COURSE    *
* FEET     * DEGREES   * DEGREES * DEPTH      * + NORTH    * + EAST    * LENGTH   *
*         *         *         * FEET       * - SOUTH    * - WEST    * FEET     *
*****
* 2160.0 * 4.4 * 262.0 * 2157.6 * -4.7 * -63.6 * 63.7 *
* 2180.0 * 4.0 * 264.0 * 2177.5 * -4.8 * -65.1 * 65.2 *
* 2200.0 * 4.3 * 264.0 * 2197.5 * -5.0 * -66.4 * 66.6 *
* 2220.0 * 4.0 * 254.0 * 2217.4 * -5.3 * -67.8 * 68.0 *
* 2240.0 * 4.1 * 254.0 * 2237.4 * -5.6 * -69.2 * 69.4 *
* 2260.0 * 4.3 * 251.0 * 2257.3 * -6.1 * -70.6 * 70.9 *
* 2280.0 * 4.4 * 250.0 * 2277.3 * -6.6 * -72.0 * 72.3 *
* 2300.0 * 4.3 * 252.0 * 2297.2 * -7.1 * -73.5 * 73.8 *
* 2320.0 * 4.6 * 254.0 * 2317.2 * -7.5 * -74.9 * 75.3 *
* 2340.0 * 4.6 * 256.0 * 2337.1 * -7.9 * -76.5 * 76.9 *
* 2360.0 * 4.8 * 255.0 * 2357.0 * -8.3 * -78.1 * 78.5 *
* 2380.0 * 4.6 * 250.0 * 2377.0 * -8.8 * -79.6 * 80.1 *
* 2400.0 * 4.8 * 249.0 * 2396.9 * -9.4 * -81.2 * 81.7 *
* 2420.0 * 5.2 * 251.0 * 2416.8 * -10.0 * -82.8 * 83.4 *
* 2440.0 * 4.8 * 254.0 * 2436.7 * -10.6 * -84.5 * 85.1 *
* 2448.0 * 4.6 * 254.0 * 2444.7 * -10.8 * -85.1 * 85.8 *
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* BOTTOM HOLE LOCATION *
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* COURSE LENGTH: 85.8 FEET *
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* COURSE AZIMUTH: 262.8 DEGREES *
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* MEASURED DEPTH: 2448.0 FEET *
*

* TRUE VERTICAL DEPTH: 2444.7 FEET *
*

* DISTANCE SOUTH: 10.8 FEET *
*

* DISTANCE WEST: 85.1 FEET *
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* EXACT RADIUS OF CURVATURE METHOD *
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* SCHLUMBERGER *

HIGH RESOLUTION

DIPMETER

CLUSTER LISTING

UNION OIL OF CALIFORNIA

WILDCAT

MILLARD , UTAH

COVE FORT SULFURDALE UNIT#14-2

RUN NO. ONE JOB NO. 6017

CLUSTER RESULTS ONLY

4 FT. CORR. - 2 FT. STEP

40 DEG. X2 SEARCH ANGLE

FORMATION		BOREHOLE		QUAL.			
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DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
1748	11.8	7	4.1	256	12.2	12.3	C
1750			4.3	257	12.2	12.2	
1752	17.3	65	4.4	258	12.2	12.3	A
1754	18.3	63	4.4	258	12.2	12.3	A
1756	18.7	52	4.4	258	12.3	12.2	C
1758			4.4	257	12.3	12.2	
1760	14.6	49	4.4	257	12.5	12.2	A
1762	15.2	41	4.4	257	12.5	12.2	A
1764	15.6	38	4.4	257	12.4	12.2	A
1766	14.4	17	4.4	255	12.2	12.2	A
1768	15.6	28	4.3	253	12.3	12.2	A
1770	16.4	38	4.3	252	12.4	12.3	A
1772	15.3	35	4.3	251	12.4	12.3	A
1774	16.1	39	4.3	251	12.4	12.3	A
1776	14.9	41	4.4	252	12.4	12.3	A
1778	12.0	43	4.4	252	12.5	12.3	A
1780	13.3	54	4.4	253	12.4	12.2	A
1782	18.2	47	4.4	253	12.3	12.3	A
1784	17.6	48	4.4	252	12.4	12.3	A
1786	16.9	47	4.4	251	12.7	12.3	A
1788	18.9	50	4.4	251	12.8	12.2	A
1790	18.6	52	4.4	252	12.6	12.2	A
1792	20.2	39	4.4	254	12.5	12.3	A
1794	19.5	43	4.4	254	12.5	12.3	A
1796	21.6	43	4.4	254	12.6	12.2	A
1798	22.6	43	4.4	257	12.4	12.2	A
1800	23.3	53	4.4	260	12.1	12.3	A
1802	20.2	48	4.4	260	12.1	12.3	A
1804	17.2	40	4.4	260	12.2	12.2	A
1806	19.4	56	4.4	258	12.3	12.2	A
1808	21.6	59	4.4	257	12.3	12.2	A
1810	22.5	64	4.3	258	12.3	12.2	A
1812	19.8	88	4.3	259	12.3	12.2	B
1814	25.5	40	4.3	257	12.3	12.2	A
1816	24.3	33	4.3	253	12.3	12.3	A
1818	21.4	37	4.4	251	12.3	12.3	A
1820	22.0	46	4.4	249	12.3	12.3	A
1822	22.5	44	4.4	249	12.3	12.3	A
1824	22.6	42	4.4	250	12.4	12.3	A
1826	22.0	40	4.4	249	12.7	12.3	A

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*  FORMATION  *          *          *          *          *          *          *          *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*  DEPTH  *  DIP  *  DIP  *  DEV.  *  DEV.  *  DIAM  *  DIAM  *  QUAL.  *
*          *          *  AZI.  *          *  AZI.  *  1-3  *  2-4  *  BEST  *
*          *          *          *          *          *          *          *          *
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DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	QUAL. BEST =A
1828	23.1	42	4.5	249	12.7	12.2	A
1830	23.5	44	4.5	248	12.4	12.2	A
1832	22.6	47	4.6	249	12.3	12.2	A
1834	20.9	51	4.6	251	12.4	12.1	A
1836	19.7	56	4.6	252	12.6	12.0	A
1838	19.7	51	4.5	253	12.5	12.1	A
1840	20.4	51	4.4	254	12.3	12.2	A
1842	20.5	51	4.4	257	12.3	12.3	A
1844	21.0	47	4.4	258	12.4	12.4	A
1846	20.8	48	4.4	256	12.3	12.3	A
1848	20.1	46	4.4	256	12.4	12.2	A
1850	20.7	50	4.4	255	12.4	12.3	A
1852	21.4	50	4.4	254	12.5	12.3	A
1854	19.9	50	4.4	253	12.5	12.4	A
1856	18.1	52	4.4	252	12.4	12.4	A
1858	20.0	58	4.4	252	12.4	12.4	A
1860	23.4	55	4.4	251	12.4	12.4	A
1862	25.4	54	4.4	252	12.4	12.3	A
1864	25.0	53	4.4	252	12.4	12.3	A
1866	22.5	51	4.4	251	12.4	12.3	A
1868	26.6	57	4.4	251	12.8	12.3	D
1870			4.4	251	13.1	12.5	
1872			4.4	251	12.9	12.5	
1874			4.4	254	12.6	12.4	
1876			4.4	255	12.5	12.4	
1878			4.4	255	12.6	12.4	
1880	29.8	58	4.4	254	12.5	12.3	D
1882	33.2	70	4.4	252	12.4	12.4	D
1884			4.5	254	12.4	12.4	
1886			4.5	255	12.4	12.3	
1888			4.6	256	12.5	12.3	
890			4.5	257	12.5	12.4	
892			4.4	257	12.3	12.3	
894			4.4	257	12.2	12.3	
96			4.5	258	12.2	12.3	
98			4.6	260	12.2	12.4	
00			4.7	262	12.2	12.3	
2			4.7	262	12.4	12.2	
4			4.7	260	12.4	12.3	
6			4.7	258	12.4	12.3	

FORMATION		BOREHOLE		QUAL.				
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	INDEX
		AZI.			1-3	2-4	=A	
1908			4.7	259	12.4	12.3		
1910			4.8	260	12.3	12.4		
1912			4.7	258	12.4	12.3		
1914			4.6	256	12.7	12.2		
1916			4.5	255	12.6	12.1		
1918			4.4	257	12.3	12.0		
1920			4.4	260	12.2	12.1		
1922			4.4	259	12.3	12.2		
1924			4.4	255	12.3	12.2		
1926			4.4	253	12.3	12.3		
1928			4.4	253	12.3	12.3		
1930			4.3	253	12.3	12.3		
1932			4.3	253	12.3	12.3		
1934			4.2	255	12.3	12.2		
1936			4.3	254	12.3	12.2		
1938			4.3	251	12.3	12.3		
1940			4.4	252	12.3	12.2		
1942			4.4	255	12.2	12.2		
1944	19.1	285	4.5	257	12.1	12.2		B
1946	19.3	288	4.6	258	12.2	12.2		B
1948			4.6	259	12.2	12.2		
1950			4.7	259	12.2	12.2		
1952			4.7	260	12.2	12.2		
1954			4.8	262	12.3	12.2		
1956	12.4	292	4.8	263	12.3	12.2		D
1958	12.1	282	4.7	265	12.3	12.2		D
1960			4.7	264	12.2	12.2		
1962			4.7	263	12.2	12.2		
1964			4.7	262	12.3	12.3		
1966			4.6	261	12.4	12.2		
1968			4.6	259	12.6	12.2		
1970			4.5	258	12.7	12.3		
1972			4.4	257	12.7	12.2		
1974			4.4	258	12.4	12.3		
1976			4.4	258	12.2	12.3		
1978			4.4	260	12.2	12.3		
1980			4.4	261	12.1	12.3		
1982			4.4	260	12.2	12.3		
1984			4.5	262	12.2	12.2		
1986			4.6	265	12.2	12.2		

* FORMATION *				* BOREHOLE *			* QUAL. *

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

1874			4.4	260	12.4	12.6	
1876	27.6	58	4.4	258	12.4	12.6	D
1878	28.5	62	4.4	259	12.3	12.6	D
1880	26.0	62	4.4	259	12.3	12.5	D
1882			4.4	261	12.4	12.4	
1884			4.4	262	12.4	12.4	
1886			4.4	263	12.3	12.5	
1888			4.4	262	12.3	12.5	
1890			4.4	261	12.4	12.4	
1892			4.4	263	12.4	12.2	
1894			4.4	265	12.4	12.2	
1896			4.4	266	12.4	12.2	
1898			4.5	268	12.3	12.2	
1900			4.6	267	12.3	12.3	
1902			4.6	264	12.4	12.5	
1904			4.6	264	12.4	12.4	
1906			4.6	267	12.4	12.5	
1908			4.6	268	12.4	12.4	
1910			4.6	266	12.4	12.4	
1912			4.5	264	12.3	12.6	
1914			4.4	262	12.1	12.7	
1916			4.4	263	12.1	12.4	
1918			4.3	266	12.2	12.3	
1920			4.3	267	12.1	12.3	
1922			4.3	265	12.2	12.3	
1924			4.3	262	12.3	12.3	
1926			4.2	260	12.4	12.3	
1928			4.2	259	12.4	12.4	
1930			4.1	259	12.3	12.3	
1932	15.8	167	4.0	262	12.3	12.3	D
1934	14.6	164	4.1	261	12.3	12.3	B
1936	15.0	190	4.1	258	12.3	12.3	D
1938			4.2	259	12.3	12.4	
1940			4.2	263	12.3	12.3	
1942			4.3	264	12.3	12.2	
1944	18.8	303	4.4	265	12.3	12.2	B
1946	27.7	304	4.4	267	12.3	12.2	D
1948			4.4	266	12.3	12.2	
1950			4.5	267	12.3	12.2	
1952	19.0	89	4.6	268	12.3	12.2	D

FORMATION				BOREHOLE				QUAL.
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DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A	
954	19.0	89	4.6	269	12.3	12.2	D	
956			4.5	270	12.3	12.3		
958			4.5	270	12.2	12.3		
960			4.4	269	12.2	12.2		
962			4.4	268	12.4	12.2		
964			4.4	265	12.2	12.3		
966			4.4	262	12.2	12.5		
968			4.4	261	12.3	12.7		
970			4.4	260	12.3	12.8		
972			4.2	259	12.3	12.5		
974			4.1	260	12.3	12.2		
976			4.1	262	12.3	12.2		
978			4.1	263	12.3	12.2		
980			4.2	264	12.4	12.1		
982			4.3	264	12.3	12.2		
984	74.7	155	4.4	265	12.3	12.2	D	
986	77.1	155	4.5	267	12.3	12.2	B	
988			4.6	270	12.3	12.1		
990			4.7	269	12.2	11.9		
992			4.8	267	12.2	12.0		
994			4.7	267	12.4	12.1		
996			4.5	267	12.4	12.2		
998			4.4	266	12.1	12.2		
2000			4.4	267	12.3	12.2		
2002			4.4	268	12.4	12.2		
2004			4.4	266	12.4	12.2		
2006			4.4	263	12.3	12.3		
2008			4.4	262	12.2	12.3		
2010			4.4	263	12.2	12.3		
2012			4.4	264	12.3	12.3		
2014			4.4	266	12.3	12.4		
2016			4.4	267	12.3	12.5		
2018			4.4	265	12.3	12.5		
2020			4.4	265	12.4	12.5		
2022			4.5	267	12.3	12.4		
2024			4.6	267	12.3	12.4		
2026			4.7	265	12.5	12.5		
2028			4.8	264	12.5	12.4		
2030			4.8	262	12.3	12.3		
2032			4.9	260	12.4	12.3		

* FORMATION * BOREHOLE * QUAL. *
* ----- * INDEX *
* DEPTH * DIP * DIP * DEV. * DEV. * DIAM * DIAM * BEST *
* * * AZI. * * AZI. * 1-3 * 2-4 * =A *

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
2034			4.8	259	12.4	12.2	*
2036			4.7	259	12.3	12.3	*
2038			4.6	260	12.4	12.4	*
2040			4.5	258	12.4	12.3	*
2042			4.5	257	12.4	12.4	*
2044			4.6	257	12.3	12.3	*
2046			4.6	258	12.3	12.2	*
2048			4.5	258	12.3	12.2	*
2050			4.5	259	12.3	12.3	*
2052			4.6	260	12.3	12.3	*
2054			4.7	259	12.3	12.2	*
2056			4.8	258	12.3	12.3	*
2058			4.9	257	12.3	12.3	*
2060			5.0	251	12.2	12.3	*
2062			5.1	251	12.2	12.2	*

UNION OIL OF CALIFORNIA COVE FORT SULFURDALE UNI. SUMMARY

DEPTH	DIP	DIP AZM	DEV	DEV AZM	DIAM 1-3	DIAM 2-4	QUAL
TOP							
1268.0	32.6	48.	1.4	324.	11.7	12.8	*
BOTTOM							
2062.0	47.4	285.	5.2	266.	12.2	12.1	*
TOP							
1874.0	22.9	180.	4.4	260.	12.4	12.6	*
BOTTOM							
2062.0	80.1	192.	5.1	251.	12.2	12.2	*

* *

* SCHLUMBERGER *

HIGH RESOLUTION

DIPMETER

CLUSTER LISTING

UNION OIL OF CALIFORNIA

WILDCAT

MILLARD , UTAH

COVE FORT SULFURDALE 14-29

RUN NO. TWO JOB NO. 6027

CLUSTER RESULTS ONLY

4 FT. CORR. - 2 FT. STEP

40 DEG. X2 SEARCH ANGLE

FORMATION		BOREHOLE		QUAL.		INDEX	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
2096			4.6	264	9.3	9.4	
2098			4.6	265	9.5	9.4	
2100			4.8	266	9.4	9.3	
2102	39.3	110	4.8	266	9.4	9.2	D
2104	43.3	113	4.8	267	9.3	9.2	D
2106			4.7	267	9.3	9.2	
2108			4.7	267	9.3	9.2	
2110			4.7	267	9.3	9.2	
2112	29.2	252	4.7	266	9.3	9.2	D
2114	33.3	255	4.6	266	9.2	9.2	B
2116	12.1	349	4.6	266	9.2	9.2	D
2118			4.6	266	9.2	9.2	
2120			4.6	267	9.2	9.3	
2122			4.7	267	9.2	9.2	
2124	33.5	248	4.7	267	9.3	9.1	D
2126	33.6	242	4.7	267	9.3	9.1	D
2128			4.7	266	9.3	9.2	
2130			4.7	267	9.3	9.3	
2132			4.7	267	9.3	9.1	
2134			4.7	266	9.3	9.1	
2136			4.6	266	9.3	9.2	
2138			4.6	267	9.3	9.4	
2140			4.6	266	9.2	9.5	
2142			4.5	266	9.2	9.6	
2144			4.4	265	9.2	9.5	
2146			4.4	265	9.2	9.3	
2148			4.4	265	9.2	9.3	
2150			4.4	264	9.1	9.5	
2152			4.4	264	9.1	9.5	
2154			4.4	264	9.2	9.4	
2156			4.4	264	9.2	9.3	
2158			4.4	263	9.3	9.2	
2160			4.4	262	9.3	9.2	
2162			4.4	262	9.2	9.2	
2164			4.4	264	9.3	9.1	
2166			4.4	262	9.4	8.9	
2168			4.4	262	9.3	8.9	
2170			4.3	264	9.1	8.9	
2172			4.3	264	9.1	8.9	
2174			4.2	265	9.1	9.0	

*****		*****		*****		*****		*****	
* FORMATION *		* BOREHOLE *		* QUAL. *		* INDEX *		* *	
-----		*-----*		*-----*		*-----*		*-----*	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	=A	
		AZI.		AZI.	1-3	2-4			

2176			4.2	265	9.1	9.1			*
2178			4.1	265	9.1	9.1			*
2180			4.0	264	9.1	9.0			*
2182			4.0	263	9.0	8.9			*
2184			4.0	262	9.1	9.2			*
2186			4.0	262	9.2	9.4			*
2188			4.0	262	9.1	9.3			*
2190			4.0	262	9.0	9.2			*
2192	44.2	84	4.0	261	9.0	9.1		D	*
2194			4.0	263	9.0	9.0			*
2196			4.0	264	9.1	9.1			*
2198			4.1	264	9.2	9.4			*
2200			4.3	264	9.3	9.9			*
2202			4.3	263	9.4	10.0			*
2204			4.2	263	9.3	9.5			*
2206			4.1	264	9.1	9.3			*
2208	44.7	93	4.0	262	9.7	9.5		D	*
2210			4.0	259	10.3	9.7			*
2212			4.0	257	10.1	10.5			*
2214			4.0	256	9.9	10.9			*
2216			4.0	257	9.6	10.7			*
2218			4.0	256	9.8	10.3			*
2220			4.0	254	10.1	10.6			*
2222			4.1	257	10.3	11.6			*
2224			4.0	259	9.9	11.1			*
2226			4.0	258	9.4	9.7			*
2228			4.0	255	9.2	9.4			*
2230	47.8	143	4.0	254	9.2	9.6		D	*
2232	51.2	143	4.0	255	9.1	9.5		D	*
2234	81.2	140	4.0	257	8.9	9.1		B	*
2236			4.0	257	9.0	9.0			*
2238			4.0	255	9.1	9.0			*
2240			4.1	254	9.1	9.1			*
2242			4.1	253	9.0	9.1			*
2244			4.2	252	9.0	9.0			*
2246			4.3	252	9.0	9.1			*
2248			4.3	253	9.0	9.1			*
2250			4.3	252	9.1	9.1			*
2252			4.3	251	9.1	9.0			*
2254			4.3	251	9.1	9.0			*

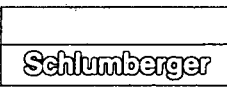
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*****
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*       *     *   *   *   *   *   *   *   *   *   *   *
*       *     *   *   *   *   *   *   *   *   *   *   *
*****
*
* 2256          *          *          *          *          *          *
* 2258          *          *          *          *          *          *
* 2260          *          *          *          *          *          *
* 2262          *          *          *          *          *          *
* 2264          *          *          *          *          *          *
* 2266          *          *          *          *          *          *
* 2268          *          *          *          *          *          *
* 2270          *          *          *          *          *          *
* 2272          *          *          *          *          *          *
* 2274          *          *          *          *          *          *
* 2276          *          *          *          *          *          *
* 2278          *          *          *          *          *          *
* 2280          *          *          *          *          *          *
* 2282          *          *          *          *          *          *
* 2284          *          *          *          *          *          *
* 2286          *          *          *          *          *          *
* 2288          *          *          *          *          *          *
* 2290          *          *          *          *          *          *
* 2292          *          *          *          *          *          *
* 2294          *          *          *          *          *          *
* 2296          *          *          *          *          *          *
* 2298          *          *          *          *          *          *
* 2300          *          *          *          *          *          *
* 2302          *          *          *          *          *          *
* 2304          *          *          *          *          *          *
* 2306          *          *          *          *          *          *
* 2308          *          *          *          *          *          *
* 2310          *          *          *          *          *          *
* 2312          *          *          *          *          *          *
* 2314          *          *          *          *          *          *
* 2316          * 78.1   * 297   *          *          *          *          *
* 2318          * 73.8   * 298   *          *          *          *          *
* 2320          *          *          *          *          *          *          *
* 2322          *          *          *          *          *          *          *
* 2324          *          *          *          *          *          *          *
* 2326          *          *          *          *          *          *          *
* 2328          *          *          *          *          *          *          *
* 2330          *          *          *          *          *          *          *
* 2332          *          *          *          *          *          *          *
* 2334          * 82.0   * 314   *          *          *          *          *
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*****
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *  DIP  *  DIP  *  DEV.  *  DEV.  *  DIAM  *  DIAM  *  BEST *
*          *    *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
*          *    *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
*****
*
* 2336      75.4      318      4.6      257      9.0      9.3      D
* 2338      4.6      256      8.9      9.5
* 2340      4.6      256      8.9      9.6
* 2342      71.7      137      4.6      257      9.0      9.4      D
* 2344      74.6      319      4.6      259      9.1      9.0      B
* 2346      4.7      259      9.1      9.0
* 2348      4.7      259      9.0      9.1
* 2350      4.7      259      9.0      9.2
* 2352      4.7      258      9.0      9.1
* 2354      4.8      259      9.0      9.1
* 2356      4.8      258      9.0      9.1
* 2358      4.8      256      9.0      9.1
* 2360      4.8      255      8.9      9.1
* 2362      4.8      253      8.9      9.0
* 2364      4.8      251      8.9      8.8
* 2366      4.8      250      9.0      8.8
* 2368      4.8      250      9.0      8.8
* 2370      4.8      251      9.0      8.8
* 2372      4.7      250      9.0      8.9
* 2374      4.6      249      9.1      8.9
* 2376      4.7      249      9.1      9.0
* 2378      4.6      250      9.0      9.0
* 2380      4.6      250      9.0      8.8
* 2382      4.7      249      8.9      8.8
* 2384      4.7      247      8.9      8.9
* 2386      66.0      287      4.7      248      8.9      8.9      B
* 2388      68.1      288      4.8      249      9.0      8.8      D
* 2390      4.8      249      9.0      8.9
* 2392      4.8      248      9.1      8.9
* 2394      4.8      248      9.1      8.8
* 2396      4.8      249      9.1      8.9
* 2398      4.8      248      9.1      9.0
* 2400      4.8      249      9.0      8.9
* 2402      4.8      251      9.0      8.8
* 2404      4.8      251      9.0      8.8
* 2406      4.8      248      9.0      8.9
* 2408      4.9      248      8.8      8.9
* 2410      4.9      250      8.7      8.7
* 2412      5.0      251      8.9      8.6
* 2414      5.1      251      9.0      8.6
*****

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* FORMATION *					* BOREHOLE		* QUAL. *		

* DEPTH *	* DIP	* DIP	* DEV.	* DEV.	* DIAM	* DIAM	* BEST	* INDEX	* =A
		AZI.		AZI.	1-3	2-4			

* 2180			4.1	261	9.2	9.0			
* 2182			4.1	261	9.1	8.9			
* 2184			4.1	261	9.1	9.2			
* 2186			4.1	261	9.3	9.4			
* 2188			4.1	261	9.2	9.4			
* 2190			4.1	260	9.1	9.4			
* 2192	41.7	85	4.1	260	9.1	9.2		D	
* 2194			4.1	261	9.1	9.1			
* 2196			4.2	262	9.2	9.2			
* 2198			4.2	262	9.2	9.4			
* 2200			4.3	262	9.3	9.9			
* 2202			4.3	262	9.4	10.1			
* 2204			4.2	263	9.3	9.6			
* 2206			4.1	263	9.2	9.4			
* 2208	39.2	78	4.1	261	9.6	9.6		D	
* 2210			4.1	259	10.4	9.7			
* 2212			4.1	256	10.3	10.6			
* 2214			4.1	256	9.8	11.1			
* 2216	83.4	39	4.1	257	9.5	11.0		D	
* 2218	79.9	38	4.0	257	9.3	10.7		D	
* 2220	82.4	37	4.0	255	9.7	10.7		D	
* 2222			4.1	257	10.2	11.5			
* 2224	84.8	39	4.2	257	10.1	10.9		D	
* 2226			4.2	256	9.7	9.7			
* 2228			4.1	252	9.4	9.4			
* 2230			4.1	251	9.3	9.7			
* 2232			4.1	252	9.1	9.6			
* 2234			4.1	253	9.1	9.3			
* 2236			4.0	256	9.1	9.1			
* 2238			4.1	256	9.2	9.1			
* 2240			4.2	252	9.2	9.2			
* 2242			4.3	252	9.1	9.2			
* 2244			4.3	252	9.1	9.1			
* 2246			4.3	252	9.1	9.1			
* 2248			4.4	252	9.1	9.2			
* 2250			4.4	252	9.1	9.2			
* 2252			4.4	250	9.1	9.1			
* 2254			4.3	252	9.1	9.1			
* 2256	82.1	347	4.3	253	9.0	9.1		D	
* 2258			4.3	252	9.1	9.1			

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*****
*          * FORMATION          *          * BOREHOLE          *          * QUAL. *
*          * -----*          * -----*          * INDEX *
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST  *
*          *   AZI.  *   AZI.   1-3   2-4   * =A    *
*****

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DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
	AZI.	AZI.			1-3	2-4	=A
2260			4.3	252	9.2	9.0	
2262			4.3	252	9.2	9.1	
2264			4.4	252	9.1	9.1	
2266			4.4	253	9.1	8.9	
2268			4.4	251	9.2	8.9	
2270	85.0	68	4.4	250	9.5	9.0	D
2272			4.4	251	9.4	9.1	
2274			4.4	251	9.2	9.0	
2276			4.4	251	9.1	9.0	
2278			4.4	251	9.2	9.0	
2280	16.4	109	4.4	252	9.2	9.0	B
2282			4.3	251	9.2	9.0	
2284			4.3	251	9.3	9.1	
2286	82.0	78	4.3	251	9.3	9.0	D
2288			4.3	249	9.5	9.1	
2290			4.3	249	9.6	9.1	
2292			4.4	250	9.6	9.3	
2294			4.4	250	10.4	9.5	
2296			4.4	251	11.1	9.7	
2298			4.4	251	10.5	9.7	
2300			4.4	252	9.5	9.3	
2302			4.4	252	9.6	9.2	
2304			4.4	249	10.0	9.3	
2306			4.3	247	9.7	10.0	
2308			4.4	246	9.5	10.1	
2310			4.4	248	9.4	9.3	
2312			4.4	248	9.3	9.2	
2314			4.4	247	9.2	9.3	
2316			4.4	247	9.1	9.0	
2318			4.5	248	9.1	8.8	
2320			4.6	248	9.1	8.9	
2322			4.6	248	9.1	8.9	
2324			4.6	248	9.1	8.9	
2326			4.6	247	9.1	8.8	
2328			4.6	247	9.0	8.9	
2330			4.6	247	9.0	9.0	
2332	79.5	340	4.6	247	9.1	8.9	D
2334	76.3	315	4.6	247	9.3	8.9	D
2336	78.6	321	4.5	247	9.5	8.8	D
2338			4.5	249	9.7	8.8	

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*****
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *  DIP   DIP   *  DEV.   DEV.   DIAM   DIAM * BEST *
*          *   AZI. *          *   AZI.   1-3   2-4 * =A *
*****
*
* 2340          4.5   249   9.7   8.8
* 2342          4.6   249   9.5   8.9
* 2344          4.6   250   9.1   9.0
* 2346          4.6   250   9.2   9.1
* 2348          4.6   250   9.3   9.1
* 2350          4.6   251   9.4   9.0
* 2352    24.8   119   4.6   250   9.4   8.9   B
* 2354    32.2   315   4.6   249   9.3   8.9   D
* 2356          4.7   249   9.3   8.9
* 2358    23.8   308   4.7   249   9.4   8.9   D
* 2360          4.6   249   9.5   9.0
* 2362    21.8   320   4.6   248   9.4   8.9   D
* 2364    22.0   320   4.7   248   9.2   8.8   D
* 2366    23.7   311   4.6   248   9.2   8.8   D
* 2368          4.6   248   9.2   8.8
* 2370          4.6   248   9.1   8.9
* 2372    39.7    88   4.6   248   9.1   9.0   D
* 2374    25.2    91   4.5   247   9.2   9.0   D
* 2376    23.9    90   4.5   248   9.2   9.1   D
* 2378    37.9    12   4.5   248   9.1   9.1   D
* 2380          4.5   248   9.0   9.0
* 2382    47.5    11   4.5   247   9.0   8.8   D
* 2384    50.2     9   4.5   246   9.0   8.9   D
* 2386    21.7   331   4.6   246   9.0   9.0   B
* 2388          4.6   247   9.1   8.8
* 2390          4.7   247   9.1   8.9
* 2392          4.8   246   9.2   8.9
* 2394          4.8   245   9.3   8.9
* 2396    81.5    73   4.8   246   9.3   9.0   D
* 2398    80.0    71   4.8   247   9.2   9.0   D
* 2400    82.0    70   4.8   248   9.1   8.9   D
* 2402          4.8   249   9.1   8.8
* 2404          4.7   247   9.1   8.8
* 2406          4.8   244   9.1   9.0
* 2408          4.8   246   9.0   9.0
* 2410          4.8   248   9.0   8.7
* 2412    48.6   325   4.9   247   9.1   8.7   D
* 2414    56.7   321   4.9   247   9.1   8.7   D
* 2416    54.0   325   5.0   246   9.1   8.8   D
* 2418          5.1   247   9.2   8.8
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*****
*          *   FORMATION          *           BOREHOLE           *   QUAL.   *
*          *-----*-----*           *-----*-----*   INDEX   *
*   DEPTH  *   DIP    DIP    *   DEV.    DEV.    DIAM    DIAM  *   BEST   *
*          *          AZI.   *          AZI.    1-3    2-4  *   =A    *
*****
*
*   2420          5.1    248    9.1    8.8
*   2422          5.1    247    9.1    8.8
*   2424          5.1    247    9.0    8.8
*   2426          5.0    249    9.0    8.8
*   2428          4.9    248    9.3    8.8
*   2430      55.8    310    4.9    245    9.4    8.7    D
*   2432      53.6    309    4.8    245    9.4    8.7    B
*   2434          4.8    246    9.2    8.7
*   2436          4.8    247    8.9    8.8
*   2438          4.8    248    9.0    8.8
*   2440          4.8    249    8.9    8.7
*   2442          4.8    249    9.0    8.8
*   2444          4.9    250    9.0    9.1
*   2446          5.0    251    9.0    9.3
*   2448          5.1    250    9.0    9.3
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UNION OIL OF CALIFORNIA          COVE FORT SULFURDALE 14-      SUMMARY
*****
*  DEPTH  *  DIP    DIP    *  DEV    DEV    DIAM    DIAM  *  QUAL  *
*          *        AZM    *        AZM    1-3    2-4  *
*****
*
*  TOP
* 2096.0   31.2   142.   4.6   264.   9.3   9.4   *
*
*  BOTTOM
* 2448.0   79.4   69.    4.6   254.   9.0   9.3   *
*
*  TOP
* 2100.0   70.8   344.   4.6   264.   9.5   9.4   *
*
*  BOTTOM
* 2448.0   72.0   106.   5.1   250.   9.0   9.3   *
*
*****

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