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*-----SCHLUMBERGER-----*  
*-----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

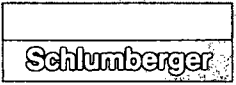
START OF SURVEY IS CASING AT 1240 FT.

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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* 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. *	
-----								* INDEX *
* DEPTH *	* DIP *	* DIP * AZI.	* DEV. *	* DEV. * AZI.	* DIAM * 1-3	* DIAM * 2-4	* BEST * =A	
* 1428	72.2	221	3.6	272	12.0	11.9	D	
* 1430	72.4	221	3.5	271	12.2	11.9	D	
* 1432	76.1	222	3.4	273	12.0	12.1	D	
* 1434			3.4	276	12.0	12.2		
* 1436			3.5	277	12.2	12.1		
* 1438			3.6	280	12.1	12.0		
* 1440			3.6	281	12.1	12.0		
* 1442			3.8	280	12.3	12.1		
* 1444			3.9	277	12.2	12.2		
* 1446			4.1	277	12.1	12.3		
* 1448			4.2	279	12.1	12.4		
* 1450			4.3	277	12.2	12.4		
* 1452			4.3	273	12.2	12.2		
* 1454			4.3	270	12.2	12.2		
* 1456			4.2	269	12.2	12.4		
* 1458			4.2	270	12.5	12.3		
* 1460			4.0	270	12.5	12.4		
* 1462			3.9	271	12.2	12.5		
* 1464			3.7	272	12.1	12.5		
* 1466			3.6	272	12.1	12.3		
* 1468			3.5	271	12.2	12.2		
* 1470			3.6	272	12.2	12.3		
* 1472			3.6	272	12.2	12.3		
* 1474			3.6	272	12.1	12.2		
* 1476			3.6	270	12.1	12.2		
* 1478			3.6	269	12.1	12.1		
* 1480			3.6	267	12.0	12.2		
* 1482			3.7	268	12.1	12.2		
* 1484			3.9	270	12.1	12.2		
* 1486	12.0	62	4.0	270	12.1	12.3	C	
* 1488	12.0	63	4.0	270	12.2	12.4	C	
* 1490	17.2	53	4.1	270	12.2	12.4	A	
* 1492	17.2	53	4.1	270	12.2	12.3	A	
* 1494			4.2	270	12.2	12.2		
* 1496	19.0	39	4.2	270	12.3	12.2	A	
* 1498	15.7	41	4.1	270	12.3	12.2	A	
* 1500	16.2	53	4.0	268	12.5	12.3	A	
* 1502	17.4	47	4.0	267	12.3	12.2	A	
* 1504	17.0	58	4.0	269	12.2	12.2	B	
* 1506	13.2	65	4.0	271	12.2	12.2	B	

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*          *   FORMATION          *           BOREHOLE           *   QUAL.   *
*          *   -----          *   -----          *   INDEX   *
*   DEPTH  *   DIP      DIP      *   DEV.    DEV.    DIAM    DIAM    *   BEST    *
*          *           AZI.      *           AZI.    1-3    2-4    *   =A      *
*****
*
*   1508    11.0      61          *   3.9     271     12.3    12.4    *   D       *
*   1510    11.0      61          *   3.9     271     12.3    12.4    *   D       *
*   1512    21.5      71          *   3.9     271     12.2    12.3    *   D       *
*   1514    22.7      65          *   3.9     271     12.2    12.3    *   D       *
*   1516    22.6      73          *   3.8     270     12.3    12.1    *   D       *
*   1518    16.3      41          *   3.8     269     12.3    12.0    *   B       *
*   1520    14.7      44          *   3.9     266     12.4    12.2    *   B       *
*   1522    12.9      52          *   4.0     266     12.3    12.3    *   B       *
*   1524    12.5      65          *   4.1     265     12.1    12.3    *   B       *
*   1526    12.9      54          *   4.1     264     12.2    12.3    *   D       *
*   1528    18.6      61          *   4.1     265     12.4    12.3    *   B       *
*   1530    11.0      61          *   4.1     264     12.4    12.3    *   D       *
*   1532    11.0      61          *   4.1     263     12.4    12.2    *   D       *
*   1534    11.0      61          *   4.2     264     12.3    12.1    *   D       *
*   1536    12.7      83          *   4.1     263     12.2    12.1    *   B       *
*   1538    15.0      72          *   4.0     262     12.2    12.2    *   B       *
*   1540    18.7      63          *   3.9     260     12.2    12.2    *   D       *
*   1542    11.9      74          *   3.9     258     12.3    12.3    *   D       *
*   1544    11.9      74          *   4.0     258     12.3    12.3    *   D       *
*   1546    11.9      74          *   4.0     260     12.1    12.1    *   D       *
*   1548    11.9      74          *   4.1     261     12.2    12.3    *   D       *
*   1550    11.9      74          *   4.2     264     12.4    12.5    *   D       *
*   1552    15.7      66          *   4.2     265     12.5    12.6    *   B       *
*   1554    16.1      53          *   4.2     264     12.5    12.5    *   B       *
*   1556    16.1      53          *   4.1     263     12.4    12.2    *   D       *
*   1558    16.1      53          *   4.0     261     12.3    12.1    *   D       *
*   1560    16.1      53          *   4.0     262     12.3    12.3    *   D       *
*   1562    16.1      53          *   3.9     261     12.3    12.4    *   D       *
*   1564    16.1      53          *   3.9     258     12.2    12.3    *   D       *
*   1566    16.1      53          *   3.8     255     12.1    12.3    *   D       *
*   1568    16.1      53          *   3.7     257     12.3    12.3    *   D       *
*   1570    16.1      53          *   3.7     259     12.3    12.5    *   D       *
*   1572    16.1      53          *   3.7     259     12.2    12.5    *   D       *
*   1574    16.1      53          *   3.7     259     12.5    12.2    *   D       *
*   1576    16.1      53          *   3.9     259     12.5    12.2    *   D       *
*   1578    16.1      53          *   3.9     258     12.3    12.3    *   D       *
*   1580    16.1      53          *   3.9     256     12.3    12.4    *   D       *
*   1582    16.1      53          *   3.8     255     12.4    12.3    *   D       *
*   1584    16.1      53          *   3.7     253     12.3    12.4    *   D       *
*   1586    16.1      53          *   3.7     251     12.3    12.6    *   D       *
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*          *   FORMATION          *           BOREHOLE           *   QUAL.   *
*          * -----*-----*-----*-----*-----*-----*   INDEX   *
*  DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   *   BEST   *
*          *   AZI.  *   AZI.   1-3   2-4   *   =A    *
*****
*
* 1588      3.8    252      12.2   12.3
* 1590      4.0    255      12.1   12.0
* 1592      4.0    257      12.2   12.2
* 1594      3.9    259      12.4   12.5
* 1596      3.8    260      12.3   12.4
* 1598      3.7    261      12.2   12.2
* 1600      3.7    261      12.3   12.2
* 1602      3.8    261      12.4   12.2
* 1604      20.7   48      3.8    260      12.3   12.4   A
* 1606      22.2   52      3.8    257      12.3   12.4   A
* 1608      21.1   51      3.7    256      12.3   12.5   A
* 1610      20.4   53      3.7    257      12.3   12.4   A
* 1612      22.8   53      3.8    257      12.3   12.2   A
* 1614      3.9    258      12.7   12.2
* 1616      4.0    258      12.6   11.9
* 1618      4.0    253      12.2   11.7
* 1620      4.0    251      12.3   12.1
* 1622      15.4   39      4.0    253      12.5   12.4   B
* 1624      4.0    255      12.6   12.3
* 1626      4.0    256      12.4   12.4
* 1628      4.1    258      12.4   12.6
* 1630      4.1    258      12.3   12.7
* 1632      4.0    256      12.6   12.6
* 1634      3.9    257      12.5   12.3
* 1636      3.9    260      12.5   12.2
* 1638      3.9    260      12.6   12.3
* 1640      3.9    259      12.4   12.3
* 1642      37.0   178     3.9    258      12.3   12.3   D
* 1644      3.8    258      12.3   12.3
* 1646      30.6   173     3.9    257      12.3   12.3   B
* 1648      31.4   170     3.9    257      12.4   12.2   D
* 1650      4.0    258      12.3   12.2
* 1652      18.0   68      4.0    258      12.3   12.3   D
* 1654      4.0    256      12.4   12.3
* 1656      24.1   55      4.0    254      12.4   12.2   D
* 1658      4.0    254      12.4   12.3
* 1660      16.9   59      4.0    252      12.3   12.4   B
* 1662      15.4   61      4.0    251      12.3   12.4   D
* 1664      16.1   49      4.0    252      12.3   12.3   B
* 1666      16.7   39      4.0    254      12.3   12.2   D
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*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          * ----- *          * ----- *          * INDEX *
* DEPTH *  * DIP  *  * DIP  *  * DEV.  *  * DEV.  *  * DIAM  *  * DIAM  *  * BEST *
*          *      *  * AZI. *  *      *  *      *  *      *  * 1-3  *  * 2-4  *  * =A  *
*****
*
* 1668    18.3    60    4.0    256    12.4    12.3    B
* 1670    18.4    62    4.1    256    12.5    12.4    D
* 1672    16.6    62    4.1    259    12.5    12.4    D
* 1674
* 1676
* 1678    20.1    56    4.1    262    12.5    12.4
* 1680    18.7    60    4.1    263    12.5    12.3
* 1682    20.9    71    4.1    262    12.3    12.2
* 1684    17.1    120   4.1    264    12.3    12.2
* 1686    16.8    121   4.2    264    12.4    12.2
* 1688    22.5    69    4.2    264    12.4    12.3
* 1690    22.2    68    4.1    264    12.4    12.4
* 1692
* 1694
* 1696
* 1698
* 1700    19.4    62    4.0    262    12.4    12.2
* 1702    16.5    63    3.9    259    12.4    12.2
* 1704    12.3    83    3.9    258    12.2    12.2
* 1706    19.3    64    3.9    256    12.2    12.4
* 1708    19.2    63    3.8    253    12.3    12.4
* 1710
* 1712    19.9    54    3.9    254    12.3    12.3
* 1714    18.7    50    4.0    256    12.3    12.3
* 1716    23.1    50    4.1    262    12.3    12.2
* 1718    23.1    52    4.3    262    12.2    12.3
* 1720
* 1722
* 1724
* 1726    24.9    45    4.4    263    12.3    12.2
* 1728    15.5    53    4.4    261    12.4    12.2
* 1730    12.1    45    4.4    261    12.4    12.3
* 1732
* 1734    21.0    48    4.4    260    12.7    12.4
* 1736    8.2     357   4.4    260    12.7    12.4
* 1738    8.9     353   4.4    260    12.7    12.4
* 1740    7.3     44    4.4    259    12.8    12.3
* 1742    19.6    48    4.3    258    12.6    12.2
* 1744    17.5    46    4.2    258    12.4    12.2
* 1746    15.5    54    4.1    257    12.3    12.2
*
* 1736    8.2     357   4.0    254    12.3    12.2
* 1738    8.9     353   4.0    254    12.3    12.2
* 1740    7.3     44    4.0    252    12.3    12.3
* 1742    19.6    48    3.9    253    12.3    12.4
* 1744    17.5    46    3.9    252    12.3    12.3
* 1746    15.5    54    4.0    251    12.3    12.4
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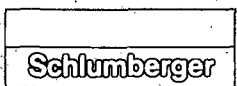
FORMATION			BOREHOLE				QUAL.		
-----			-----				INDEX		
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST		
		AZI.		AZI.	1-3	2-4	=A		
*								*	
*	1748	11.8	7	4.1	256	12.2	12.3	C	*
*	1750			4.3	257	12.2	12.2		*
*	1752	17.3	65	4.4	258	12.2	12.3	A	*
*	1754	18.3	63	4.4	258	12.2	12.3	A	*
*	1756	18.7	52	4.4	258	12.3	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	*

```

*****
*          * FORMATION          *          * BOREHOLE          *          * QUAL. *
*          * -----          *          * -----          *          * INDEX *
* DEPTH   *   DIP   *   DIP   *   *   DEV.   *   DEV.   *   DIAM   *   DIAM   *   * BEST *
*         *         *   AZI.   *   *   AZI.   *   AZI.   *   1-3   *   2-4   *   *  =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
* 1890    4.5    257    12.5    12.4
* 1892    4.4    257    12.3    12.3
* 1894    4.4    257    12.2    12.3
* 1896    4.5    258    12.2    12.3
* 1898    4.6    260    12.2    12.4
* 1900    4.7    262    12.2    12.3
* 1902    4.7    262    12.4    12.2
* 1904    4.7    260    12.4    12.3
* 1906    4.7    258    12.4    12.3
*****
    
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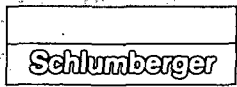
FORMATION		BOREHOLE		QUAL.		
-----		-----		INDEX		
DEPTH	DIP	DIP AZI.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
1908			4.7 259	12.4	12.3	
1910			4.8 260	12.3	12.4	
1912			4.7 258	12.4	12.3	
1914			4.6 256	12.7	12.2	
1916			4.5 255	12.6	12.1	
1918			4.4 257	12.3	12.0	
1920			4.4 260	12.2	12.1	
1922			4.4 259	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.		
* * * * * * * *		-----*					INDEX
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
* * * * * * * *		-----*					INDEX
* 1988			4.7	267	12.1	12.2	
* 1990			4.9	267	12.1	12.2	
* 1992			5.0	268	12.0	12.2	
* 1994			5.0	267	12.1	12.3	
* 1996			4.8	269	12.2	12.4	
* 1998			4.7	271	12.2	12.2	
* 2000			4.5	271	12.2	12.2	
* 2002			4.4	272	12.2	12.3	
* 2004			4.5	272	12.3	12.4	
* 2006	35.3	262	4.5	268	12.2	12.3	D
* 2008	36.6	262	4.4	268	12.2	12.2	D
* 2010	34.9	267	4.4	270	12.3	12.1	D
* 2012			4.5	272	12.2	12.2	
* 2014			4.5	272	12.3	12.3	
* 2016			4.5	273	12.4	12.2	
* 2018			4.6	274	12.4	12.2	
* 2020			4.6	275	12.4	12.3	
* 2022	35.3	265	4.6	276	12.4	12.3	D
* 2024			4.7	276	12.3	12.3	
* 2026			4.7	275	12.4	12.4	
* 2028			4.8	274	12.4	12.5	
* 2030			4.9	273	12.3	12.4	
* 2032			5.0	271	12.3	12.3	
* 2034			5.0	270	12.3	12.3	
* 2036			4.8	271	12.2	12.3	
* 2038			4.8	269	12.3	12.3	
* 2040			4.7	269	12.3	12.4	
* 2042			4.7	267	12.3	12.4	
* 2044			4.7	265	12.3	12.3	
* 2046	45.8	126	4.7	266	12.2	12.2	D
* 2048			4.7	267	12.2	12.2	
* 2050	43.3	126	4.7	268	12.3	12.2	B
* 2052			4.7	265	12.3	12.3	
* 2054			4.8	264	12.2	12.2	
* 2056			4.9	265	12.2	12.3	
* 2058			4.9	267	12.2	12.3	
* 2060			5.1	266	12.3	12.2	
* 2062			5.2	266	12.2	12.1	



 * 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
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




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*****
*          * FORMATION          *          * BOREHOLE          * QUAL. *
*          * -----          *          * -----          * INDEX *
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST  *
*          *   AZI. AZI.  *          * AZI.   1-3   2-4   * =A    *
*****
*
* 1954     19.0     89     4.6     269     12.3     12.2     D
* 1956     4.5     270     12.3     12.3
* 1958     4.5     270     12.2     12.3
* 1960     4.4     269     12.2     12.2
* 1962     4.4     268     12.4     12.2
* 1964     4.4     265     12.2     12.3
* 1966     4.4     262     12.2     12.5
* 1968     4.4     261     12.3     12.7
* 1970     4.4     260     12.3     12.8
* 1972     4.2     259     12.3     12.5
* 1974     4.1     260     12.3     12.2
* 1976     4.1     262     12.3     12.2
* 1978     4.1     263     12.3     12.2
* 1980     4.2     264     12.4     12.1
* 1982     4.3     264     12.3     12.2
* 1984     74.7     155     4.4     265     12.3     12.2     D
* 1986     77.1     155     4.5     267     12.3     12.2     B
* 1988     4.6     270     12.3     12.1
* 1990     4.7     269     12.2     11.9
* 1992     4.8     267     12.2     12.0
* 1994     4.7     267     12.4     12.1
* 1996     4.5     267     12.4     12.2
* 1998     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
*****

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

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*****
* DEPTH *   DIP   DIP   *   DEV   DEV   DIAM   DIAM * QUAL *
*       *       AZM   *       AZM   1-3   2-4 *
*****
* 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   *
*****
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*

* 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

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*****
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *   DIP   DIP   * DEV.   DEV.   DIAM   DIAM * BEST *
*       *     *   *   *   *   *   *   *   *   *   *
*       *     *   *   *   *   *   *   *   *   *   *
*****
*
* 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   *
*****

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* FORMATION * BOREHOLE * QUAL. *

* ----- * INDEX *

* DEPTH * DIP DIP * DEV. DEV. DIAM DIAM * BEST *

* * AZI. * AZI. 1-3 2-4 * =A *

* * * * *

* 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 *

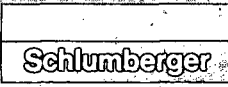
* 2246 4.3 252 9.0 9.1 *

* 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 *



* FORMATION *					* BOREHOLE *			* QUAL. *	

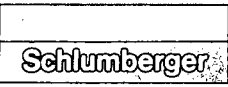
* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *	* INDEX *	
		AZI.		AZI.	1-3	2-4	=A		

* 2256			4.3	252	9.0	9.0			
* 2258			4.2	252	9.0	8.9			
* 2260			4.3	251	9.1	8.9			
* 2262			4.3	252	9.1	9.0			
* 2264			4.3	252	9.1	9.0			
* 2266			4.3	251	9.0	8.8			
* 2268			4.4	251	9.2	8.8			
* 2270			4.4	250	9.4	8.9			
* 2272			4.4	249	9.4	8.9			
* 2274			4.4	250	9.1	8.9			
* 2276			4.4	250	9.1	9.0			
* 2278			4.4	249	9.1	8.9			
* 2280			4.4	250	9.1	8.9			
* 2282			4.3	250	9.1	9.0			
* 2284			4.2	249	9.2	9.1			
* 2286			4.2	250	9.2	9.0			
* 2288			4.3	249	9.5	9.0			
* 2290			4.3	250	9.6	9.1			
* 2292			4.3	251	9.6	9.3			
* 2294			4.3	251	10.6	9.5			
* 2296			4.4	252	10.9	9.7			
* 2298			4.3	253	10.2	9.5			
* 2300			4.3	252	9.3	9.2			
* 2302			4.3	252	9.5	9.2			
* 2304			4.3	252	10.0	9.3			
* 2306			4.3	251	10.2	9.6			
* 2308			4.4	253	9.9	9.6			
* 2310			4.4	255	9.2	9.4			
* 2312			4.4	253	9.3	9.3			
* 2314			4.4	251	9.3	9.1			
* 2316	78.1	297	4.4	251	9.1	8.9		D	
* 2318	73.8	298	4.5	253	8.9	8.8		B	
* 2320			4.6	254	9.0	8.9			
* 2322			4.6	255	9.0	9.0			
* 2324			4.6	255	8.9	9.1			
* 2326			4.6	255	8.9	9.0			
* 2328			4.6	254	8.9	8.8			
* 2330			4.6	255	9.0	8.8			
* 2332			4.6	256	9.0	9.0			
* 2334	82.0	314	4.6	257	9.0	9.2		D	

```

*****
*          *      FORMATION          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM    * BEST *
*          *      AZI.  *      AZI.    1-3    2-4    * =A *
*****
*
* 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   *
*          *          AZI.  *          AZI.   1-3   2-4   *   =A    *
*****
*
*   2416           5.2   251   9.0   8.7
*   2418           5.2   251   9.0   8.7
*   2420           5.2   251   9.0   8.7
*   2422           5.2   251   9.0   8.7
*   2424           5.2   252   8.9   8.7
*   2426           5.1   251   8.9   8.8
*   2428           5.0   250   9.2   8.7
*   2430           5.0   250   9.4   8.6
*   2432           4.9   250   9.2   8.6
*   2434           4.9   250   8.9   8.7
*   2436           4.9   252   8.8   8.7
*   2438           4.9   253   8.8   8.7
*   2440           4.8   254   8.8   8.7
*   2442           4.7   254   8.9   8.8
*   2444           4.6   255   8.9   9.1
*   2446           4.6   254   9.0   9.2
*   2448           4.6   254   9.0   9.3
*****

```

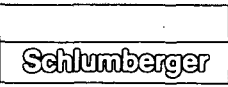
* FORMATION *				* BOREHOLE *			* QUAL. *

* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *
		AZI.		AZI.	1-3	2-4	=A
* 2100			4.6	264	9.5	9.4	
* 2102			4.5	265	9.3	9.3	
* 2104			4.5	265	9.3	9.3	
* 2106			4.5	264	9.3	9.3	
* 2108			4.5	264	9.2	9.2	
* 2110			4.5	264	9.2	9.2	
* 2112	10.8	15	4.5	263	9.3	9.2	B
* 2114	10.4	9	4.5	263	9.4	9.2	B
* 2116	10.5	360	4.5	263	9.3	9.2	D
* 2118			4.5	263	9.3	9.2	
* 2120			4.5	264	9.5	9.2	
* 2122			4.5	264	9.4	9.2	
* 2124			4.6	264	9.2	9.2	
* 2126			4.5	262	9.2	9.2	
* 2128			4.5	264	9.3	9.3	
* 2130			4.5	264	9.4	9.3	
* 2132			4.5	264	9.3	9.3	
* 2134			4.5	262	9.2	9.3	
* 2136			4.5	262	9.3	9.3	
* 2138			4.4	262	9.5	9.3	
* 2140			4.4	261	9.7	9.3	
* 2142			4.4	262	9.8	9.2	
* 2144			4.4	261	9.6	9.2	
* 2146			4.4	260	9.4	9.2	
* 2148			4.4	261	9.4	9.2	
* 2150			4.4	261	9.6	9.2	
* 2152			4.4	260	9.7	9.2	
* 2154			4.4	259	9.5	9.3	
* 2156			4.4	260	9.4	9.3	
* 2158			4.4	260	9.4	9.2	
* 2160			4.4	260	9.3	9.2	
* 2162	5.0	188	4.4	261	9.3	9.2	D
* 2164	3.8	198	4.3	260	9.4	9.2	D
* 2166	5.0	197	4.3	259	9.2	9.2	D
* 2168			4.3	259	9.2	9.3	
* 2170			4.3	260	9.1	9.1	
* 2172			4.2	261	9.1	9.0	
* 2174			4.2	262	9.1	9.1	
* 2176			4.1	262	9.1	9.2	
* 2178			4.1	262	9.2	9.2	

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

FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
							INDEX
*							*
*			4.3	252	9.2	9.0	*
*			4.3	252	9.2	9.1	*
*			4.4	252	9.1	9.1	*
*			4.4	253	9.1	8.9	*
*			4.4	251	9.2	8.9	*
*	85.0	68	4.4	250	9.5	9.0	D
*			4.4	251	9.4	9.1	*
*			4.4	251	9.2	9.0	*
*			4.4	251	9.1	9.0	*
*			4.4	251	9.2	9.0	*
*	16.4	109	4.4	252	9.2	9.0	B
*			4.3	251	9.2	9.0	*
*			4.3	251	9.3	9.1	*
*	82.0	78	4.3	251	9.3	9.0	D
*			4.3	249	9.5	9.1	*
*			4.3	249	9.6	9.1	*
*			4.4	250	9.6	9.3	*
*			4.4	250	10.4	9.5	*
*			4.4	251	11.1	9.7	*
*			4.4	251	10.5	9.7	*
*			4.4	252	9.5	9.3	*
*			4.4	252	9.6	9.2	*
*			4.4	249	10.0	9.3	*
*			4.3	247	9.7	10.0	*
*			4.4	246	9.5	10.1	*
*			4.4	248	9.4	9.3	*
*			4.4	248	9.3	9.2	*
*			4.4	247	9.2	9.3	*
*			4.4	247	9.1	9.0	*
*			4.5	248	9.1	8.8	*
*			4.6	248	9.1	8.9	*
*			4.6	248	9.1	8.9	*
*			4.6	248	9.1	8.9	*
*			4.6	247	9.1	8.8	*
*			4.6	247	9.0	8.9	*
*			4.6	247	9.0	9.0	*
*	79.5	340	4.6	247	9.1	8.9	D
*	76.3	315	4.6	247	9.3	8.9	D
*	78.6	321	4.5	247	9.5	8.8	D
*			4.5	249	9.7	8.8	*

FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	INDEX
		AZI.		AZI.	1-3	2-4	BEST =A
*							*
*							*
*			4.5	249	9.7	8.8	*
*			4.6	249	9.5	8.9	*
*			4.6	250	9.1	9.0	*
*			4.6	250	9.2	9.1	*
*			4.6	250	9.3	9.1	*
*			4.6	251	9.4	9.0	*
*	24.8	119	4.6	250	9.4	8.9	B
*	32.2	315	4.6	249	9.3	8.9	D
*			4.7	249	9.3	8.9	*
*	23.8	308	4.7	249	9.4	8.9	D
*			4.6	249	9.5	9.0	*
*	21.8	320	4.6	248	9.4	8.9	D
*	22.0	320	4.7	248	9.2	8.8	D
*	23.7	311	4.6	248	9.2	8.8	D
*			4.6	248	9.2	8.8	*
*			4.6	248	9.1	8.9	*
*	39.7	88	4.6	248	9.1	9.0	D
*	25.2	91	4.5	247	9.2	9.0	D
*	23.9	90	4.5	248	9.2	9.1	D
*	37.9	12	4.5	248	9.1	9.1	D
*			4.5	248	9.0	9.0	*
*	47.5	11	4.5	247	9.0	8.8	D
*	50.2	9	4.5	246	9.0	8.9	D
*	21.7	331	4.6	246	9.0	9.0	B
*			4.6	247	9.1	8.8	*
*			4.7	247	9.1	8.9	*
*			4.8	246	9.2	8.9	*
*			4.8	245	9.3	8.9	*
*	81.5	73	4.8	246	9.3	9.0	D
*	80.0	71	4.8	247	9.2	9.0	D
*	82.0	70	4.8	248	9.1	8.9	D
*			4.8	249	9.1	8.8	*
*			4.7	247	9.1	8.8	*
*			4.8	244	9.1	9.0	*
*			4.8	246	9.0	9.0	*
*			4.8	248	9.0	8.7	*
*	48.6	325	4.9	247	9.1	8.7	D
*	56.7	321	4.9	247	9.1	8.7	D
*	54.0	325	5.0	246	9.1	8.8	D
*			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   *          *
* 2432 * 53.6 * 309 * 4.8   * 245   * 9.4   * 8.7   *          *
* 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

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*****
* 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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0.00

0.00

0.00

0.00

0.00

0.00

0.00