

CONFIDENTIAL

Well : CANYON LARGO #388
 Field : CANYON LARGO
 Company : MERIDIAN OIL

Coordinates

Well head : Target : Impact :
 X = 0.0 X = 0.0 X = 0.0
 Y = 0.0 Y = 0.0 Y = 0.0
 Z = 0.0 Z = 0.0 Z = 0.0
 Horizontal displacement 0.00 ft
 Total vertical depth 0.00 ft Kick off point 0.00 ft
 Magnetic declination 11.50 deg Convergence 0.00 deg
 Horizontal projection computed in azimuth North 80.00 deg. (NE 80.00)

RECEIVED
 AUG 25 1984
 OIL CON. DIV.
 DIST. 3

Surv	Measured	Drift	Azimuth	Azimuth	Vertical	Horizntl	Horizntl	Average	.Relative Coordinates.		Dog leg		
no	depth	angle	magnt.	geogr.	depth	prjction	displcmt	Az(geo)	East/West	Nor/South	dleg	dLGH	grBu
	feet	degree	degree	degree	feet	feet	feet	degree	feet	feet	/100ft		

Computation method : Radius of curvature													
1	0.0	0.00	348.50	360.00	0.0	0.0	0.0	90.00	0.0 E	0.0 N	0.0	0.0	*100.0
2	226.0	0.00	348.50	360.00	226.0	0.0	0.0	90.00	0.0 E	0.0 N	0.0	0.0	-0.0
3	293.0	0.11	136.67	148.17	293.0	0.1	0.0	74.08	0.0 E	0.0 N	0.2	-0.3	0.2
4	386.0	0.55	93.15	104.65	386.0	0.4	0.6	122.48	0.5 E	0.3 S	0.5	-0.3	0.5
5	479.0	0.19	308.20	319.70	479.0	0.8	0.7	83.06	0.7 E	0.1 N	0.8	1.5	-0.4
6	569.0	0.33	308.35	319.85	569.0	0.6	0.6	48.15	0.4 E	0.4 N	0.1	0.0	0.2
7	662.0	0.09	263.07	274.57	662.0	0.4	0.6	15.24	0.1 E	0.5 N	0.3	-0.2	-0.3
8	756.0	0.36	294.38	305.88	756.0	0.0	0.7	344.14	0.2 W	0.7 N	0.3	0.1	0.3
9	850.0	0.15	57.69	69.19	850.0	0.2	1.0	351.76	0.1 W	1.0 N	0.5	-1.1	-0.2
10	943.0	0.42	276.21	287.71	943.0	0.2	1.4	353.48	0.2 W	1.4 N	0.6	1.2	0.3
11	1037.0	0.37	235.62	247.12	1037.0	-0.4	1.6	329.46	0.8 W	1.3 N	0.3	-0.3	-0.1
12	1131.0	0.09	192.56	204.06	1131.0	-0.7	1.5	315.77	1.1 W	1.1 N	0.3	-0.2	-0.3
13	1225.0	0.08	247.07	258.57	1225.0	-0.9	1.5	310.01	1.2 W	1.0 N	0.1	0.1	-0.0
14	1318.0	0.67	308.29	319.79	1318.0	-1.4	2.1	304.34	1.7 W	1.2 N	0.7	0.4	0.6
15	1412.0	0.71	306.57	318.07	1412.0	-2.0	3.2	309.46	2.5 W	2.0 N	0.0	-0.0	0.0
16	1506.0	0.46	335.69	347.19	1506.0	-2.3	4.1	314.70	2.9 W	2.9 N	0.4	0.3	-0.3
17	1600.0	0.52	283.36	294.86	1600.0	-2.6	4.9	315.71	3.4 W	3.5 N	0.5	-0.5	0.1
18	1693.0	0.71	328.91	340.41	1693.0	-3.2	5.8	316.03	4.0 W	4.2 N	0.5	0.5	0.2
19	1787.0	0.62	345.49	356.99	1787.0	-3.2	6.8	321.01	4.3 W	5.3 N	0.2	0.2	-0.1
20	1881.0	0.62	316.98	328.48	1881.0	-3.3	7.7	323.78	4.6 W	6.2 N	0.3	-0.3	0.0
21	1975.0	0.57	341.92	353.42	1974.9	-3.5	8.6	325.67	4.9 W	7.1 N	0.3	0.3	-0.1
22	2068.0	0.63	301.37	312.87	2067.9	-3.8	9.6	326.42	5.3 W	8.0 N	0.4	-0.5	0.1
23	2162.0	0.49	320.59	332.09	2161.9	-4.2	10.5	326.07	5.9 W	8.7 N	0.2	0.2	-0.1
24	2256.0	0.78	316.47	327.97	2255.9	-4.6	11.5	326.43	6.4 W	9.6 N	0.3	-0.0	0.3
25	2350.0	0.47	330.60	342.10	2349.9	-4.8	12.6	327.13	6.8 W	10.5 N	0.4	0.2	-0.3
26	2443.0	0.94	305.46	316.96	2442.9	-5.2	13.7	327.33	7.4 W	11.5 N	0.6	-0.3	0.5
27	2537.0	0.64	322.85	334.35	2536.9	-5.8	15.0	327.18	8.1 W	12.6 N	0.4	0.3	-0.3
28	2631.0	0.48	338.26	349.76	2630.9	-5.9	15.9	328.03	8.4 W	13.5 N	0.2	0.2	-0.2
29	2725.0	0.32	241.99	253.49	2724.9	-6.4	16.4	327.13	8.9 W	13.8 N	0.6	-0.7	-0.2
30	2818.0	0.51	234.40	245.90	2817.9	-7.0	16.5	324.85	9.5 W	13.5 N	0.2	-0.1	0.2
31	2912.0	0.12	207.57	219.07	2911.9	-7.5	16.5	323.08	9.9 W	13.2 N	0.4	-0.2	-0.4
32	3006.0	0.61	269.71	281.21	3005.9	-8.1	16.7	321.21	10.5 W	13.0 N	0.6	0.4	0.5
33	3100.0	0.39	286.67	298.17	3099.9	-8.8	17.4	319.80	11.2 W	13.3 N	0.3	0.2	-0.2
34	3193.0	0.35	206.16	217.66	3192.9	-9.4	17.7	318.22	11.8 W	13.2 N	0.5	-0.6	-0.0
35	3287.0	0.21	352.04	354	3286.9	-9.8	18.0	317.71	12.1 W	13.3 N	0.6	-1.1	-0.1

Geoservices-Directional

Trajectory computation

Well : CANYON LARGO #388
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Surv no	Measured depth feet	Drift angle degree	Azimuth magnt. degree	Azimuth geogr. degree	Vertical depth feet	Horizontl prjction feet	Horizontl displcmt feet	Average Az(geo) degree	.Relative East/West feet	Coordinates. Nor/South feet	Dog leg		
											dleg	dLGH	grBu
											/100ft		

Computation method : Radius of curvature													
36	3381.0	0.41	287.83	299.33	3380.9	-10.0	18.5	318.07	12.3 W	13.7 N	0.4	1.7	0.2
37	3457.0	0.42	282.48	293.98	3456.9	-10.4	19.0	317.46	12.8 W	14.0 N	0.1	-0.1	0.0
38	3568.0	0.31	181.82	193.32	3567.9	-11.1	19.1	315.68	13.4 W	13.7 N	0.5	-0.6	-0.1
39	3662.0	0.43	196.10	207.60	3661.9	-11.4	18.9	314.03	13.6 W	13.1 N	0.2	0.1	0.1
40	3756.0	0.62	232.65	244.15	3755.9	-12.1	18.9	311.47	14.2 W	12.5 N	0.4	0.4	0.2
41	3943.0	0.38	272.32	283.82	3942.9	-13.7	20.1	308.10	15.8 W	12.4 N	0.2	0.2	-0.1
42	4037.0	0.49	277.16	288.66	4036.9	-14.4	20.7	307.36	16.5 W	12.6 N	0.1	0.0	0.1
43	4131.0	0.46	224.52	236.02	4130.9	-15.1	21.3	305.93	17.2 W	12.5 N	0.4	-0.5	-0.0
44	4225.0	0.86	239.40	250.90	4224.9	-16.2	21.8	303.41	18.2 W	12.0 N	0.5	0.2	0.4
45	4318.0	0.80	263.51	275.01	4317.8	-17.5	22.8	301.22	19.5 W	11.8 N	0.4	0.4	-0.1
46	4412.0	0.89	260.49	271.99	4411.8	-18.9	24.1	299.69	20.9 W	11.9 N	0.1	-0.0	0.1
47	4506.0	0.99	255.41	266.91	4505.8	-20.4	25.4	297.94	22.4 W	11.9 N	0.1	-0.1	0.1
48	4600.0	0.95	260.57	272.07	4599.8	-22.0	26.8	296.32	24.0 W	11.9 N	0.1	0.1	-0.0
49	4653.0	0.94	253.14	264.64	4652.8	-22.8	27.6	295.47	24.9 W	11.9 N	0.2	-0.2	-0.0
50	4662.0	0.25	268.00	279.50	4661.8	-22.9	27.7	295.40	25.0 W	11.9 N	7.8	1.7	-7.7
51	4694.0	2.12	65.50	77.00	4693.8	-22.8	27.9	296.26	25.0 W	12.3 N	7.3	%-13.1	5.8
52	4726.0	6.37	62.50	74.00	4725.7	-20.5	26.1	299.65	22.7 W	12.9 N	13.3	-0.7	13.3
53	4758.0	10.12	62.50	74.00	4757.4	-15.9	23.2	307.80	18.3 W	14.2 N	11.7	0.0	11.7
54	4788.0	14.00	61.50	73.00	4786.7	-9.7	20.2	322.42	12.3 W	16.0 N	12.9	-0.7	12.9
55	4820.0	17.75	62.00	73.50	4817.5	-1.0	18.9	348.07	3.9 W	18.5 N	11.7	0.4	11.7
56	4852.0	21.00	64.00	75.50	4847.7	9.6	22.2	16.50	6.3 E	21.3 N	10.3	2.1	10.2
57	4882.0	24.12	66.00	77.50	4875.4	21.1	29.7	36.09	17.5 E	24.0 N	10.7	2.6	10.4
58	4915.0	28.25	68.00	79.50	4905.0	35.6	41.6	49.73	31.8 E	26.9 N	12.8	2.7	12.5
59	4947.0	34.50	73.00	84.50	4932.3	52.3	56.4	58.79	48.3 E	29.2 N	21.1	8.1	19.5
60	4979.0	42.00	78.00	89.50	4957.4	71.9	74.5	66.01	68.0 E	30.3 N	25.3	9.7	23.4
61	5011.0	49.25	76.50	88.00	4979.7	94.5	95.9	71.29	90.9 E	30.8 N	22.9	-3.4	22.7
62	5040.0	54.62	74.00	85.50	4997.6	117.2	118.1	74.25	113.7 E	32.1 N	19.7	-6.8	18.5
63	5070.0	57.87	72.00	83.50	5014.3	142.0	142.7	76.03	138.5 E	34.5 N	12.2	-5.5	10.8
64	5101.0	61.12	70.50	82.00	5030.0	168.7	169.3	77.09	165.0 E	37.8 N	11.3	-4.2	10.5
65	5139.0	64.37	70.00	81.50	5047.4	202.5	202.9	77.86	198.4 E	42.7 N	8.6	-1.2	8.6
66	5173.0	68.37	72.00	83.50	5061.0	233.6	234.0	78.48	229.3 E	46.7 N	12.9	5.4	11.8
67	5204.0	72.87	72.50	84.00	5071.3	262.8	263.1	79.06	258.3 E	49.9 N	14.6	1.5	14.5
68	5240.0	80.62	72.50	84.00	5079.6	297.7	298.0	79.64	293.2 E	53.6 N	21.5	0.0	21.5
69	5272.0	83.12	72.50	84.00	5084.1	329.3	329.6	80.06	324.7 E	56.9 N	7.8	0.0	7.8
70	5303.0	82.87	72.00	83.50	5087.9	360.0	360.3	80.38	355.2 E	60.2 N	1.8	-1.6	-0.8
71	5335.0	82.50	72.50	84.00	5092.0	391.7	392.0	80.65	386.8 E	63.7 N	1.9	1.5	-1.2
72	5366.0	82.62	72.00	83.50	5096.0	422.3	422.7	80.87	417.4 E	67.0 N	1.6	-1.6	0.4
73	5388.0	82.75	72.50	84.00	5098.8	444.1	444.5	81.02	439.0 E	69.4 N	2.3	2.3	0.6
74	5420.0	83.75	72.00	83.50	5102.5	475.8	476.2	81.20	470.6 E	72.9 N	3.5	-1.6	3.1
75	5453.0	85.00	72.00	83.50	5105.8	508.6	509.1	81.35	503.3 E	76.6 N	3.8	0.0	3.8
76	5484.0	87.00	72.00	83.50	5107.9	539.5	540.0	81.47	534.0 E	80.1 N	6.5	0.0	6.5
77	5517.0	88.87	71.50	83.00	5109.1	572.4	572.9	81.57	566.7 E	84.0 N	5.8	-1.5	5.7
78	5549.0	89.62	71.00	82.50	5109.5	604.4	604.9	81.63	598.5 E	88.0 N	2.8	-1.6	2.3

Geoservices-Directional

Trajectory computation

Well : CANYON LARGO #388
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Surv no	Measured depth feet	Drift angle degree	Azimuth magnt. degree	Azimuth geogr. degree	Vertical depth feet	Horizntl prjction feet	Horizntl displcmt feet	Average Az(geo) degree	Relative Coordinates East/West feet	Nor/South feet	Dog leg dleg digh grBu /100ft		
Computation method : Radius of curvature													
79	5581.0	89.87	71.00	82.50	5109.7	636.3	636.9	81.68	630.2 E	92.2 N	0.8	0.0	0.8
80	5614.0	90.25	71.00	82.50	5109.6	669.3	669.9	81.72	662.9 E	96.5 N	1.2	0.0	1.2
81	5645.0	89.25	71.00	82.50	5109.8	700.3	700.9	81.75	693.7 E	100.5 N	3.2	0.0	-3.2
82	5678.0	89.62	70.50	82.00	5110.1	733.2	733.9	81.78	726.4 E	105.0 N	1.9	-1.5	1.1
83	5710.0	90.25	70.50	82.00	5110.1	765.2	765.9	81.78	758.0 E	109.4 N	2.0	0.0	2.0
84	5743.0	88.62	70.00	81.50	5110.5	798.2	798.9	81.78	790.7 E	114.2 N	5.2	-1.5	-4.9
85	5775.0	88.62	69.50	81.00	5111.2	830.2	830.9	81.76	822.3 E	119.0 N	1.6	-1.6	0.0
86	5807.0	89.50	69.00	80.50	5111.8	862.2	862.9	81.73	853.9 E	124.2 N	3.2	-1.6	2.7
87	5839.0	87.87	69.00	80.50	5112.5	894.2	894.9	81.68	885.4 E	129.5 N	5.1	0.0	-5.1
88	5871.0	87.50	68.50	80.00	5113.8	926.1	926.8	81.63	917.0 E	134.9 N	1.9	-1.6	-1.2
89	5903.0	85.75	67.50	79.00	5115.7	958.1	958.7	81.56	948.4 E	140.7 N	6.3	-3.1	-5.5
90	5936.0	85.37	67.00	78.50	5118.2	991.0	991.6	81.47	980.6 E	147.1 N	1.9	-1.5	-1.2
91	5968.0	85.87	67.00	78.50	5120.7	1022.9	1023.5	81.38	1011.9 E	153.5 N	1.6	0.0	1.6
92	6000.0	86.12	68.00	79.50	5122.9	1054.8	1055.4	81.30	1043.2 E	159.6 N	3.2	3.1	0.8
93	6033.0	86.37	68.50	80.00	5125.1	1087.7	1088.3	81.26	1075.6 E	165.4 N	1.7	1.5	0.8
94	6066.0	87.00	68.50	80.00	5127.0	1120.7	1121.2	81.22	1108.1 E	171.2 N	1.9	0.0	1.9
95	6099.0	86.88	69.00	80.50	5128.7	1153.6	1154.2	81.19	1140.6 E	176.7 N	1.5	1.5	-0.4
96	6131.0	86.88	69.00	80.50	5130.5	1185.6	1186.1	81.17	1172.1 E	182.0 N	0.0	0.0	0.0
97	6163.0	87.12	69.50	81.00	5132.2	1217.5	1218.1	81.16	1203.6 E	187.1 N	1.7	1.6	0.8
98	6196.0	87.75	70.00	81.50	5133.6	1250.5	1251.0	81.16	1236.2 E	192.2 N	2.4	1.5	1.9
99	6228.0	88.37	70.50	82.00	5134.7	1282.4	1283.0	81.18	1267.8 E	196.7 N	2.5	1.6	1.9
100	6259.0	88.87	71.50	83.00	5135.5	1313.4	1314.0	81.21	1298.6 E	200.8 N	3.6	3.2	1.6
101	6291.0	90.37	72.00	83.50	5135.7	1345.3	1346.0	81.26	1330.4 E	204.6 N	4.9	1.6	4.7
102	6324.0	90.87	72.00	83.50	5135.3	1378.3	1379.0	81.31	1363.1 E	208.3 N	1.5	0.0	1.5
103	6356.0	89.63	72.00	83.50	5135.2	1410.2	1410.9	81.36	1394.9 E	211.9 N	3.9	0.0	-3.9
104	6388.0	88.87	72.50	84.00	5135.6	1442.1	1442.9	81.41	1426.7 E	215.4 N	2.8	1.6	-2.4
105	6420.0	88.12	72.00	83.50	5136.4	1474.1	1474.9	81.47	1458.5 E	218.9 N	2.8	-1.6	-2.3
106	6452.0	89.12	72.50	84.00	5137.2	1506.0	1506.8	81.51	1490.3 E	222.4 N	3.5	1.6	3.1
107	6484.0	89.00	72.50	84.00	5137.7	1537.9	1538.8	81.57	1522.2 E	225.7 N	0.4	0.0	-0.4
108	6515.0	89.00	72.00	83.50	5138.3	1568.8	1569.8	81.61	1553.0 E	229.1 N	1.6	-1.6	0.0
109	6548.0	88.75	72.00	83.50	5138.9	1601.8	1602.7	81.65	1585.7 E	232.8 N	0.8	0.0	-0.8
110	6580.0	89.38	71.50	83.00	5139.4	1633.7	1634.7	81.68	1617.5 E	236.6 N	2.5	-1.6	2.0
111	6612.0	90.00	71.00	82.50	5139.6	1665.7	1666.7	81.70	1649.3 E	240.6 N	2.5	-1.6	1.9
112	6645.0	89.75	71.50	83.00	5139.7	1698.6	1699.7	81.72	1682.0 E	244.8 N	1.7	1.5	-0.8
113	6677.0	89.50	71.00	82.50	5139.9	1730.6	1731.7	81.74	1713.7 E	248.8 N	1.7	-1.6	-0.8
114	6709.0	90.50	71.00	82.50	5139.9	1762.6	1763.7	81.75	1745.5 E	253.0 N	3.1	0.0	3.1
115	6742.0	91.63	71.50	83.00	5139.3	1795.5	1796.7	81.77	1778.2 E	257.2 N	3.7	1.5	3.4
116	6775.0	91.25	71.00	82.50	5138.5	1828.5	1829.7	81.79	1810.9 E	261.3 N	1.9	-1.5	-1.2
117	6807.0	90.75	71.50	83.00	5137.9	1860.4	1861.7	81.81	1842.7 E	265.4 N	2.2	1.6	-1.6
118	6840.0	90.38	71.50	83.00	5137.6	1893.4	1894.7	81.83	1875.4 E	269.4 N	1.1	0.0	-1.1
119	6873.0	90.75	72.00	83.50	5137.2	1926.3	1927.7	81.85	1908.2 E	273.3 N	1.9	1.5	1.1
120	6905.0	90.25	71.50	83.00	5137.0	1958.3	1959.6	81.87	1940.0 E	277.0 N	2.2	-1.6	-1.6
121	6938.0	90.00	70.50	82.00	5136.9	1991.2	1992.6	81.88	1972.7 E	281.3 N	3.1	-3.0	-0.8

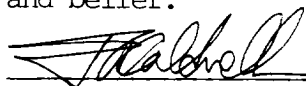
Geoservices-Directional

Trajectory computation

Well : CANYON LARGO #388
 Field : CANYON LARGO
 Company : MERIDIAN OIL

Surv no	Measured depth feet	Drift angle degree	Azimuth magnet. degree	Azimuth geogr. degree	Vertical depth feet	Horizntl prjction feet	Horizntl displcmt feet	Average Az(geo) degree	Relative Coordinates East/West feet	Nor/South feet	Dog leg dleg /100ft	leg dleg	grBu
Computation method : Radius of curvature													
122	6970.0	90.13	71.50	83.00	5136.9	2023.2	2024.6	81.89	2004.4 E	285.5 N	3.1	3.1	0.4
123	7002.0	90.13	71.50	83.00	5136.8	2055.2	2056.6	81.91	2036.2 E	289.4 N	0.0	0.0	0.0
124	7035.0	90.50	71.50	83.00	5136.6	2088.1	2089.6	81.93	2066.9 E	293.4 N	1.1	0.0	1.1
125	7067.0	91.13	72.00	83.50	5136.2	2120.1	2121.6	81.95	2100.7 E	297.2 N	2.5	1.6	2.0
126	7099.0	91.00	72.00	83.50	5135.6	2152.0	2153.6	81.97	2132.5 E	300.8 N	0.4	0.0	-0.4
127	7132.0	91.00	72.00	83.50	5135.0	2184.9	2186.6	81.99	2165.3 E	304.5 N	0.0	0.0	0.0
128	7164.0	91.25	72.50	84.00	5134.4	2216.9	2218.6	82.02	2197.1 E	308.0 N	1.7	1.6	0.8
129	7196.0	90.87	72.00	83.50	5133.8	2248.8	2250.5	82.04	2228.9 E	311.5 N	1.9	-1.6	-1.2
130	7229.0	90.50	72.00	83.50	5133.4	2281.7	2283.5	82.06	2261.7 E	315.2 N	1.1	0.0	-1.1
131	7261.0	91.00	72.00	83.50	5132.9	2313.7	2315.5	82.08	2293.5 E	318.9 N	1.6	0.0	1.6
132	7293.0	91.50	72.50	84.00	5132.2	2345.6	2347.5	82.11	2325.3 E	322.3 N	2.2	1.6	1.6
133	7325.0	91.87	72.50	84.00	5131.3	2377.5	2379.5	82.13	2357.1 E	325.7 N	1.2	0.0	1.2
134	7358.0	91.37	72.00	83.50	5130.4	2410.4	2412.4	82.15	2389.9 E	329.3 N	2.1	-1.5	-1.5
135	7390.0	90.75	71.50	83.00	5129.8	2442.4	2444.4	82.17	2421.6 E	333.0 N	2.5	-1.6	-1.9
136	7422.0	89.87	71.50	83.00	5129.6	2474.3	2476.4	82.18	2453.4 E	336.9 N	2.7	0.0	-2.7
137	7455.0	89.00	71.00	82.50	5129.9	2507.3	2509.4	82.19	2486.1 E	341.1 N	3.0	-1.5	-2.6
138	7486.0	89.88	71.00	82.50	5130.2	2538.2	2540.4	82.19	2516.9 E	345.2 N	2.8	0.0	2.8
139	7518.0	90.88	71.00	82.50	5130.0	2570.2	2572.4	82.20	2548.6 E	349.3 N	3.1	0.0	3.1
140	7550.0	91.63	71.00	82.50	5129.3	2602.2	2604.4	82.20	2580.3 E	353.5 N	2.3	0.0	2.3
141	7581.0	90.88	70.50	82.00	5128.6	2633.1	2635.4	82.20	2611.0 E	357.7 N	2.9	-1.6	-2.4
142	7615.0	90.00	69.50	81.00	5128.4	2667.1	2669.4	82.19	2644.6 E	362.7 N	3.9	-2.9	-2.6
143	7648.0	90.75	69.50	81.00	5128.2	2700.1	2702.4	82.18	2677.2 E	367.9 N	2.2	0.0	2.3
144	7680.0	91.63	69.00	80.50	5127.5	2732.1	2734.4	82.16	2708.8 E	373.0 N	3.2	-1.6	2.7
145	7712.0	90.37	69.00	80.50	5126.9	2764.1	2766.3	82.14	2740.4 E	378.3 N	3.9	0.0	-3.9
146	7743.0	88.87	68.00	79.50	5127.2	2795.1	2797.3	82.12	2770.9 E	383.7 N	5.8	-3.2	-4.8
147	7776.0	87.63	68.00	79.50	5128.2	2828.1	2830.3	82.09	2803.3 E	389.7 N	3.8	0.0	-3.8
148	7807.0	87.38	67.50	79.00	5129.5	2859.1	2861.2	82.06	2833.7 E	395.5 N	1.8	-1.6	-0.8
149	7840.0	87.13	67.50	79.00	5131.1	2892.0	2894.1	82.02	2866.1 E	401.8 N	0.8	0.0	-0.8
150	7873.0	86.75	67.50	79.00	5132.9	2925.0	2927.0	81.99	2898.4 E	408.0 N	1.2	0.0	-1.2
151	7905.0	86.25	67.50	79.00	5134.8	2956.9	2958.9	81.95	2929.8 E	414.1 N	1.5	0.0	-1.6

I, the undersigned, certify that I, acting in my capacity as Regional Drilling Engineer for Meridian Oil Inc., am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to before me this 23rd day of August, 1994.

Notary Public in and for San Juan County, New Mexico

My commission expires August 17, 1994