

Outrun Survey
Yates Petroleum

Well number : Preston Federal No.

Date : 23-SEP-1998

Measured Depth	Vertical Depth	Vert. Section	Inc Deg	Azimuth Deg	Coordinates		D-leg
					Latitude	Departure	/100ft
0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00
50.0	50.00	0.1	0.14	325.32	0.05	-0.04	0.28
100.0	100.00	0.1	0.13	315.32	0.14	-0.11	0.05
150.0	150.00	0.2	0.10	352.71	0.22	-0.15	0.16
200.0	200.00	0.3	0.12	344.37	0.32	-0.17	0.05
250.0	250.00	0.4	0.17	352.54	0.44	-0.20	0.11
300.0	300.00	0.6	0.30	20.77	0.64	-0.16	0.34
350.0	350.00	0.9	0.29	15.64	0.88	-0.08	0.06
400.0	400.00	1.2	0.44	20.70	1.19	0.02	0.31
450.0	450.00	1.6	0.44	11.00	1.55	0.13	0.15
500.0	499.99	2.0	0.51	8.14	1.96	0.19	0.15
550.0	549.99	2.4	0.61	9.25	2.45	0.27	0.20
600.0	599.99	3.0	0.81	18.15	3.04	0.42	0.46
650.0	649.98	3.8	0.95	27.34	3.75	0.72	0.40
700.0	699.98	4.5	0.99	30.76	4.49	1.13	0.14
750.0	749.97	5.2	1.07	39.55	5.22	1.65	0.35
800.0	799.96	5.9	1.11	49.95	5.89	2.32	0.40
850.0	849.95	6.5	1.07	52.05	6.49	3.06	0.11
900.0	899.94	7.0	1.02	57.55	7.02	3.80	0.22
950.0	949.93	7.5	1.07	56.12	7.52	4.57	0.11
1000.0	999.92	8.0	1.15	62.16	8.01	5.40	0.28
1050.0	1049.91	8.4	1.07	75.96	8.36	6.29	0.56
1100.0	1099.90	8.6	0.93	77.94	8.55	7.14	0.29
1150.0	1149.90	8.7	0.88	75.19	8.74	7.91	0.13
1200.0	1199.89	8.9	0.97	74.99	8.95	8.69	0.18
1250.0	1249.89	9.1	0.95	81.90	9.11	9.51	0.23
1300.0	1299.88	9.3	0.89	77.17	9.26	10.30	0.19
1350.0	1349.87	9.5	0.93	73.28	9.46	11.06	0.15
1400.0	1399.87	9.7	1.00	79.12	9.66	11.88	0.24
1450.0	1449.86	9.8	0.89	81.84	9.80	12.69	0.24
1500.0	1499.85	9.9	0.87	77.61	9.94	13.45	0.14
1550.0	1549.85	10.1	0.96	81.59	10.08	14.23	0.22
1600.0	1599.84	10.2	0.83	86.28	10.16	15.01	0.29
1650.0	1649.84	10.3	0.87	78.50	10.26	15.74	0.24
1700.0	1699.83	10.4	0.90	84.77	10.37	16.50	0.20
1750.0	1749.82	10.4	0.72	90.64	10.40	17.21	0.39
1800.0	1799.82	10.4	0.78	84.19	10.44	17.86	0.21
1850.0	1849.82	10.5	0.81	90.12	10.47	18.55	0.17
1900.0	1899.81	10.5	0.75	87.10	10.48	19.23	0.14

ORIGINAL LOCATION