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Inrun Survey
YATES PETROLEUM

Well number : ZINNIA UNIT FEDERAL

Date : 15-JAN-95

Measured Depth	Vertical Depth	Vert. Section	Inc Deg	Azimuth Deg	Coordinates Latitude Departure		D-leg /100ft
0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00
100.0	100.00	0.4	0.69	317.55	0.44	-0.41	0.69
200.0	199.99	1.4	0.73	321.72	1.39	-1.21	0.07
300.0	299.98	2.2	0.48	324.81	2.23	-1.84	0.25
400.0	399.98	2.7	1.23	83.87	2.69	-1.02	1.52
500.0	499.95	3.4	1.47	63.11	3.38	1.19	0.54
600.0	599.90	4.9	2.02	59.39	4.86	3.85	0.56
700.0	699.80	7.1	2.97	59.40	7.08	7.60	0.95
800.0	799.62	10.2	4.08	58.78	10.24	12.87	1.11
900.0	899.33	14.2	4.57	57.92	14.20	19.29	0.49
1000.0	999.00	18.5	4.72	57.62	18.52	26.14	0.15
1100.0	1098.66	22.9	4.69	57.02	22.95	33.05	0.06
1200.0	1198.40	26.7	3.53	59.59	26.73	39.13	1.17
1300.0	1298.26	29.4	2.53	60.52	29.38	43.71	1.00
1400.0	1398.19	31.2	1.79	63.10	31.17	47.02	0.75
1500.0	1498.15	32.3	1.45	72.58	32.25	49.62	0.43
1600.0	1598.12	32.8	1.35	83.19	32.77	52.00	0.28
1700.0	1698.10	33.0	1.16	86.06	32.98	54.18	0.20
1800.0	1798.08	33.1	0.99	89.97	33.05	56.05	0.19
1900.0	1898.06	32.9	1.07	98.19	32.92	57.84	0.17
2000.0	1998.04	32.6	1.19	99.22	32.62	59.79	0.12
2100.0	2098.02	32.2	1.41	100.53	32.23	62.02	0.22
2200.0	2197.99	32.0	1.53	90.65	31.99	64.57	0.28
2300.0	2297.95	32.1	1.57	82.65	32.15	67.26	0.22
2400.0	2397.91	32.6	1.50	78.67	32.58	69.90	0.13
2500.0	2497.88	33.2	1.63	75.80	33.19	72.58	0.15
2600.0	2597.84	34.0	1.43	70.62	33.95	75.12	0.24
2700.0	2697.81	34.8	1.42	67.33	34.84	77.44	0.08
2800.0	2797.78	35.7	1.37	70.01	35.73	79.71	0.08
2900.0	2897.75	36.6	1.36	67.66	36.59	81.93	0.06
3000.0	2997.72	37.5	1.25	66.87	37.47	84.03	0.11
3100.0	3097.70	38.2	1.15	69.38	38.25	85.97	0.11
3200.0	3197.68	39.0	1.08	64.11	39.01	87.76	0.12
3300.0	3297.67	39.8	0.98	58.64	39.87	89.34	0.14
3400.0	3397.65	40.7	0.87	55.48	40.74	90.69	0.12
3500.0	3497.64	41.5	0.87	61.09	41.54	91.98	0.09
3600.0	3597.63	42.4	1.02	53.57	42.44	93.36	0.19
3700.0	3697.62	43.4	0.82	51.90	43.41	94.64	0.20
3800.0	3797.61	44.4	0.79	38.64	44.39	95.84	0.19