

A Gyrodata Directional Survey

YATES PETROLEUM

Page 3

WELL: #1, 3 1/2 INCH DRILLPIPE

Location: NORTON RIG #16, EDDY COUNTY NEW MEXICO, CONCHO ACT

Job Number: M0699GMW795

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL DEPTH feet	H O R I Z O N T A L C O O R D I N A T E S feet		DOGLEG SEVERITY deg./ 100 ft.
8000.0	.46	132.81	7999.1	63.45 S	42.79 W	.40
8100.0	.69	14.44	8099.1	63.14 S	42.34 W	1.00
8200.0	.47	25.82	8199.1	62.19 S	42.01 W	.24
8300.0	.67	82.54	8299.1	61.74 S	41.25 W	.57
8400.0	.53	78.88	8399.1	61.57 S	40.22 W	.15
8500.0	.60	23.93	8499.1	61.01 S	39.55 W	.52
8600.0	.30	27.99	8599.1	60.29 S	39.22 W	.30
8700.0	.19	179.05	8699.1	60.23 S	39.09 W	.48
8800.0	.29	218.81	8799.1	60.59 S	39.24 W	.19
8900.0	.59	254.57	8899.1	60.92 S	39.89 W	.39
9000.0	.79	250.22	8999.1	61.29 S	41.04 W	.21
9070.0	.85	272.57	9069.1	61.43 S	42.01 W	.46

Final Station Closure: Distance: 74.43 ft Az: 214.37 deg.