

30-015-37537



Job Number: SVCO-110134
 Company: Yates Petroleum Corporation
 Lease/Well: MADURO "BOZ" ST. COM 1H
 Location: Eddy County, NM
 Rig Name: Silver Oak #10
 RKB: 18'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.81°
 Grid: East To Grid
 File name: F:\SURVEY\2011SU-1\YATES\MADURO1H.SVY
 Date/Time: 08-Feb-11 / 09:37
 Curve Name: Surface - 400' M.D. (Gyroscopic)

MS SURVEY

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 270.31
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

We hereby certify that our survey data from
 Surface MD to 400' MD is, to the best of
 our knowledge a true and accurate account of
 the well bore.
 Dana Jutte 2/9/11
 MS Energy Services Date

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
200.00	1.25	105.32	199.98	-.58	2.10	-2.11	2.18	105.32	.62
Last Survey Depth Recorded									
400.00	.75	82.19	399.95	-.97	5.50	-5.51	5.59	100.04	.32

