

YATES PETROLIUM CORP.
Directional Survey Report
Version 2.4

Company: YATES PETROLIUM CORP.
Well: ARREGUY AGM#1
Location: LEA COUNTY
Field: LOVINGTON, NEW MEXICO
Operator: M.MARTIN/J.CLARK
Job No.: 0081

Survey File -> ST0081
7 Sep 2000
Probe 2428
Depth Units: Feet
Dec: 9.0

VS Azimuth = 0.0 Method: Minimum Curvature
VS Origin North = 0.0
VS Origin East = 0.0

Station	MD	Inc	Az	North	East	TVD	VS	DL	DS
19	12507.0	0.2	258.1	-112.3	67.2	12501.6	-112.3	2.0	KB
20	12539.0	0.6	325.8	-112.2	67.0	12533.6	-112.2	1.7	PG
21	12569.0	1.2	328.8	-111.8	66.8	12563.6	-111.8	2.0	KB
22	12600.0	1.6	335.2	-111.1	66.4	12594.6	-111.1	1.4	ST
23	12632.0	1.8	331.4	-110.3	66.0	12626.6	-110.3	0.6	ST
24	12664.0	2.3	326.1	-109.3	65.4	12658.6	-109.3	1.6	ST