

COLLINS AND WARE, INC.
 QUAHADA RIDGE 31 FEDERAL NO.1, slot #1
 DELAWARE SAND, EDDY COUNTY, NEW MEXICO

SURVEY LISTING Page 7
 Your ref : LAT. NO.2
 Last revised : 21-Nov-94

Comments in wellpath
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MD	TVD	Rectangular Coords.	Comment
6150.00	6118.22	28.56 N 32.14 W	OPEN HOLE SIDETRACK
6153.00	6118.14	31.36 N 33.22 W	COMPLETE TIME DRILL
6284.00	6133.95	157.49 N 63.12 W	TOH F/ MOTOR CHANGE-NOT BUILDING
6635.00	6136.05	487.67 N 41.04 E	LATERAL #2 PROJECTED F/ PREVIOUS SURVEY

All data is in feet unless otherwise stated
 Coordinates from structure and TVD from wellhead.
 Bottom hole distance is 489.40 on azimuth 4.81 degrees from wellhead.
 Vertical section is from wellhead on azimuth 0.00 degrees.
 Declination is 0.00 degrees, Convergence is 0.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ