

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

SURVEY LISTING Page 5
Your ref : LAT. NO.1
Last revised : 21-Nov-94

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100Ft	Vert Sect	
6350.00	88.90	32.20	6108.57	219.27 N	14.78 W	31.24	219.27
6360.00	90.00	36.20	6108.67	227.54 N	9.16 W	41.48	227.54
6370.00	89.60	39.40	6108.70	235.44 N	3.03 W	32.25	235.44
6380.00	89.70	43.40	6108.76	242.94 N	3.58 E	40.01	242.94
390.00	90.20	45.00	6108.77	250.11 N	10.55 E	16.76	250.11
6400.00	89.10	46.60	6108.83	257.08 N	17.72 E	19.42	257.08
6410.00	90.00	48.20	6108.91	263.85 N	25.08 E	18.36	263.85
6420.00	89.20	49.00	6108.98	270.46 N	32.58 E	11.31	270.46
6430.00	89.00	50.60	6109.14	276.91 N	40.22 E	16.12	276.91
6440.00	90.30	51.40	6109.20	283.21 N	47.99 E	15.26	283.21
6450.00	89.50	53.00	6109.22	289.34 N	55.89 E	17.89	289.34
6460.00	88.90	55.40	6109.36	295.18 N	64.00 E	24.74	295.18
6470.00	89.00	57.00	6109.54	300.74 N	72.31 E	16.03	300.74
6480.00	89.00	59.40	6109.71	306.01 N	80.81 E	24.00	306.01
6490.00	89.20	60.20	6109.87	311.04 N	89.45 E	8.24	311.04
6500.00	88.50	58.60	6110.07	316.13 N	98.05 E	17.46	316.13
6510.00	88.10	56.20	6110.37	321.52 N	106.48 E	24.32	321.52
6520.00	88.10	54.60	6110.70	327.19 N	114.70 E	15.99	327.19
6530.00	87.80	52.20	6111.06	333.15 N	122.72 E	24.17	333.15
540.00	88.60	54.60	6111.37	339.11 N	130.75 E	25.29	339.11
6550.00	89.20	57.80	6111.56	344.67 N	139.05 E	32.55	344.67
6573.00	90.60	64.20	6111.60	355.82 N	159.16 E	28.48	355.82
PROJECTED FROM PREVIOUS SUR							

PROJECTED FROM PREVIOUS SUR

All data is in feet unless otherwise stated
Coordinates from structure and TVD from wellhead.
Vertical section is from N 0.00 E 0.00 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