

yrodata Directional Survey

KCS RESOURCES
Well: SHUGART WEST 24 FED G #2, 4-1/2" DRILLPIPE
Location: PATTERSON #55, EDDY COUNTY, NEW MEXICO
Job Number: MDO601GMW261

MEASURED DEPTH feet	I N C L deg.	A Z I M U T H deg.	V E R T I C A L S E C T I O N feet	D O G L E G S E V E R I T Y deg./ 100 ft.	V E R T I C A L D E P T H feet	C L O S U R E D I S T. A Z I M U T H feet deg.	H O R I Z O N T A L C O O R D I N A T E S feet
2100.0	1.57	17.16	26.5	0.30	2099.6	26.5 341.5	25.11 N 8.40 W
2200.0	1.33	11.42	28.6	0.27	2199.5	28.6 344.3	27.56 N 7.77 W
2300.0	1.09	7.11	30.5	0.26	2299.5	30.6 345.9	29.65 N 7.42 W
2400.0	0.82	1.69	32.0	0.28	2399.5	32.1 346.9	31.31 N 7.28 W
2500.0	0.58	352.50	33.2	0.26	2499.5	33.3 347.3	32.53 N 7.33 W
2600.0	0.76	346.81	34.4	0.19	2599.5	34.5 347.4	33.68 N 7.54 W
2700.0	0.92	349.53	35.8	0.16	2699.5	36.0 347.4	35.11 N 7.84 W
2800.0	0.79	347.23	37.3	0.13	2799.5	37.5 347.5	36.57 N 8.14 W
2900.0	1.05	12.66	38.8	0.48	2899.5	39.0 348.0	38.14 N 8.09 W
3000.0	0.95	37.23	40.1	0.44	2999.4	40.4 349.5	39.70 N 7.39 W
3100.0	0.51	51.87	40.7	0.48	3099.4	41.2 350.9	40.63 N 6.54 W
3200.0	0.23	341.94	41.1	0.48	3199.4	41.6 351.3	41.09 N 6.25 W
3300.0	1.04	351.13	42.2	0.82	3299.4	42.7 351.3	42.18 N 6.46 W
3400.0	0.33	317.50	43.3	0.78	3399.4	43.8 351.1	43.29 N 6.79 W
3500.0	0.94	25.90	44.2	0.87	3499.4	44.7 351.5	44.24 N 6.63 W
3600.0	1.22	354.34	45.8	0.64	3599.4	46.5 352.1	46.03 N 6.38 W
3700.0	1.13	353.50	47.8	0.09	3699.4	48.5 352.2	48.06 N 6.60 W
3800.0	1.12	20.10	49.5	0.52	3799.4	50.4 352.7	49.96 N 6.37 W
3900.0	0.61	341.73	50.8	0.75	3899.3	51.8 353.1	51.38 N 6.20 W
3986.0	0.79	330.66	51.9	0.27	3985.3	52.7 352.8	52.33 N 6.64 W

Final Station Closure: Distance: 52.75 ft Az: 352.77 deg.