

A Gyrodata Directional Survey

for

CIVITAS

Lease: Linnebur Well: 44-12, 4" DP
Location: Ensign 532,

Job Number: RM1225GDM203CM

Run Date: 03 Dec 2025

Report Generated: 03 Dec 2025 01:58

Surveyor: Ashley Grijalva

Calculation Method: MINIMUM CURVATURE

Survey surface coordinates obtained from: Well Plan/Plot

Survey Latitude: 39.800323 deg. N

Longitude: 104.606221 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

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MEASURED IN C		LAZIMUTH		VERTICAL	DOGLEG	HORIZONTAL	
DEPTH				DEPTH	SEVERITY	COORDINATES	
ft.	deg.	deg.	ft.	ft.	deg./ 100 ft.	ft.	
0.00	0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E
5892.50	0.57	159.84	5892.40	0.01	0.01	27.51 S	10.10 E
5981.50	0.79	181.64	5981.40	0.38	0.38	28.54 S	10.24 E
6070.50	0.87	187.29	6070.39	0.13	0.13	29.83 S	10.13 E
6159.50	0.58	164.65	6159.38	0.45	0.45	30.93 S	10.17 E
6248.50	1.04	41.86	6248.38	1.62	1.62	30.76 S	10.83 E
6337.50	1.26	47.18	6337.36	0.27	0.27	29.50 S	12.08 E
6425.50	1.20	31.16	6425.34	0.40	0.40	28.05 S	13.27 E
6515.50	1.09	42.66	6515.32	0.28	0.28	26.62 S	14.34 E
6604.50	1.29	44.54	6604.30	0.23	0.23	25.28 S	15.61 E
6693.50	1.10	52.99	6693.28	0.29	0.29	24.05 S	17.00 E
6782.50	0.71	68.41	6782.27	0.51	0.51	23.33 S	18.19 E
6871.50	1.16	78.81	6871.26	0.54	0.54	22.96 S	19.59 E
6960.50	0.91	90.24	6960.24	0.36	0.36	22.78 S	21.18 E
7049.50	1.17	119.64	7049.23	0.66	0.66	23.24 S	22.68 E
7138.50	1.21	124.26	7138.21	0.12	0.12	24.21 S	24.24 E
7228.50	1.47	135.33	7228.19	0.41	0.41	25.57 S	25.84 E
7317.50	1.82	138.19	7317.15	0.40	0.40	27.44 S	27.58 E
7406.50	1.99	146.43	7406.10	0.36	0.36	29.78 S	29.38 E
7496.50	2.48	150.69	7496.03	0.57	0.57	32.78 S	31.20 E