



NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 31 2018

RECEIVED

June 26, 2018

Matador Production Company
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Attn: Ava Monroe

Re: **Dr. K 24-23S-27E RB 204H**
30-015-44804

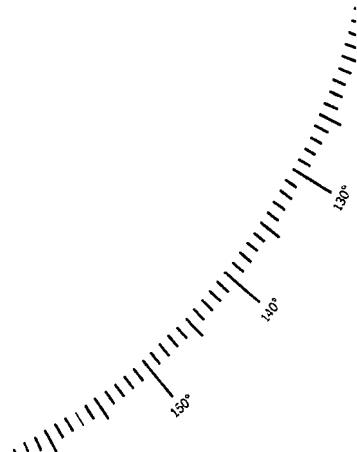
Please find enclosed a copy of the survey from 0' to 400' ran on the above referenced well.

If I can be of any further service, please do not hesitate to call me at 800-606-4976.

Sincerely,

A handwritten signature in black ink, appearing to be "JB" or "JBY", written over the word "Sincerely,".

Jennifer Byerly
Operations



Company: MATADOR PRODUCTION COMPANY

Lease/Well: DR. K 24-23S-27E RB/204H

Rig Name: PATTERSON 274

State/County: NEW MEXICO/EDDY

VS-Azi: 0.00 Degrees

Latitude: 32.28373, Longitude: -104.15321

Grid North = True North -0.10 degs (NAD 27)

Grid Correction Applied = -0.10 degs



Depth Reference : RKB = 28 FEET

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: eline gyro-de_01.ut

Minimum Curvature Method

Report Date/Time: 6/26/2018 / 13:26

VES Survey International

Midland, TX

432-563-5444

Surveyor: Christopher Hair

Dr. K 24-23S-27E RB 204H / API 30-015-44804

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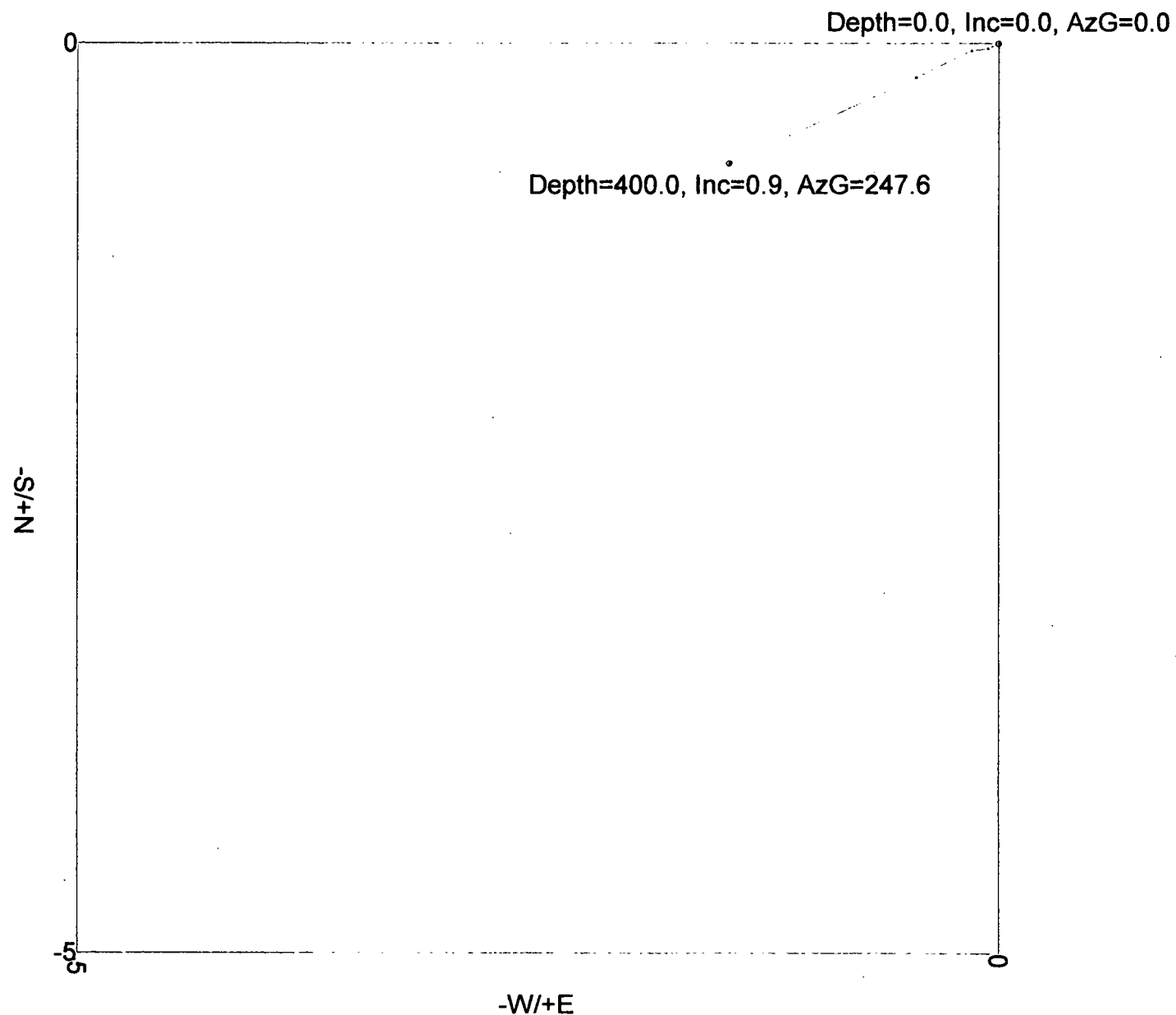
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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.07	244.77	100.00	-0.03	-0.06	-0.03	0.06	244.77	0.07
200.00	0.04	298.30	200.00	-0.04	-0.15	-0.04	0.15	255.13	0.06
300.00	0.36	238.80	300.00	-0.19	-0.45	-0.19	0.49	247.33	0.35
400.00	0.91	247.64	399.99	-0.65	-1.45	-0.65	1.60	245.79	0.56



VES Survey International
Midland, TX
432-563-5444
Surveyor: Christopher Hair
Dr. K 24-23S-27E RB 204H / API 30-015-44804



VES Survey Date: 6/25/2018