



NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 03 2016

RECEIVED

30-015-43756

May 26, 2016

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

Attn: Ava Monroe

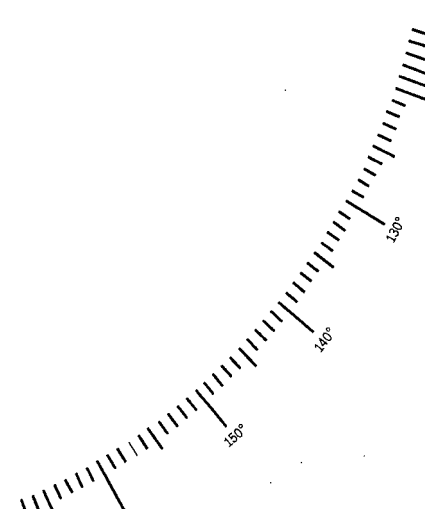
Re: **Janie Conner 13 24S 28E RB No. 221H**

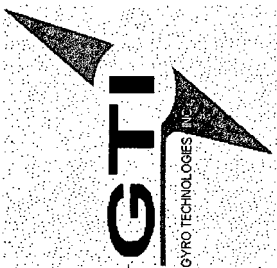
Please find enclosed a copy of the survey from 0' to 532' ran on the above referenced well.

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

Sincerely,

Jennifer Byerly
Operations





Company: Matador Resources

Lease/Well: Janie Conner 13-24S-28E RB No./221H

Rig Name: Patterson 809

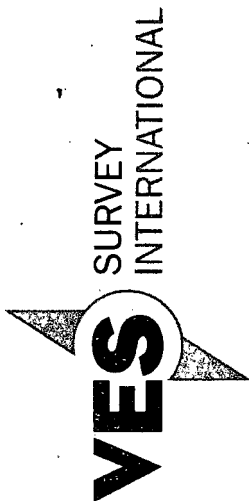
State/County: New Mexico/Eddy

VS-Azi: 0.00 Degrees

Latitude: 32.22387, Longitude: -104.05004

Grid North = True North -0.15 degs (NAD 27)

Grid Correction Applied = -0.15 degs



DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: ...conner 13-24s-28e rb #221h.ut

Minimum Curvature Method

Report Date/Time: 5/26/2016 / 15:46

VES Survey International

West Texas

432-563-5444

Surveyor: Eric Warner

Janie Conner 13-24S-28E RB No. 221H / API 30-015-43756

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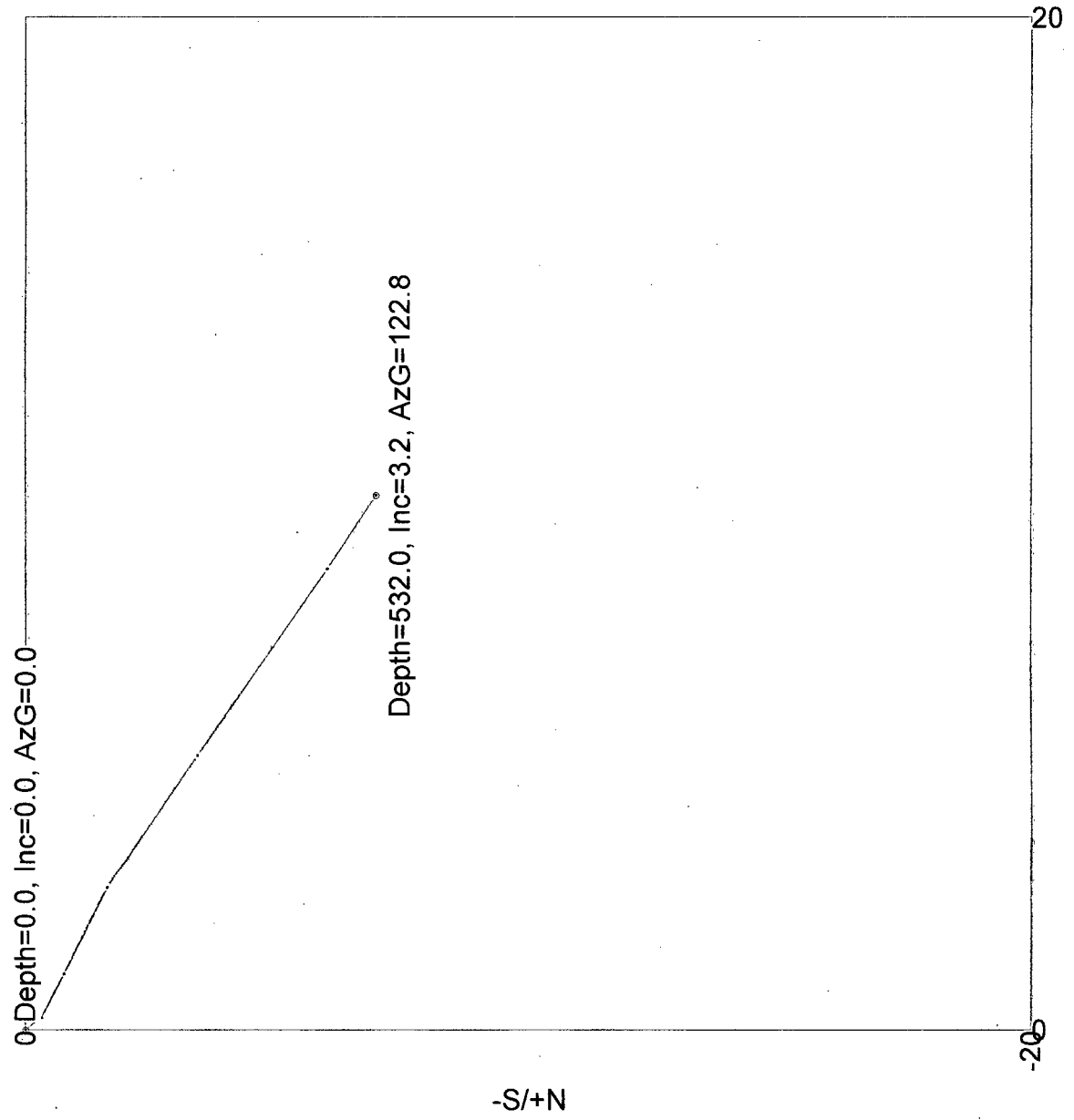
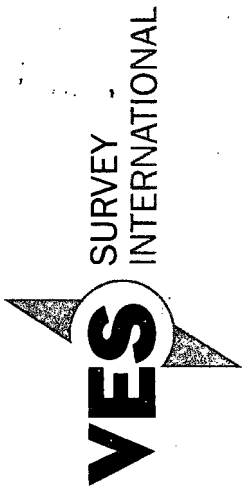
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Depth Reference : RKB= 28.5 Feet

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	0.45	142.75	100.00	-0.32	0.24	-0.32	0.40	142.75	0.45
200.00	0.74	101.90	199.99	-0.76	1.11	-0.76	1.35	124.54	0.49
300.00	1.51	123.52	299.97	-1.63	2.84	-1.63	3.28	119.79	0.87
400.00	2.12	125.02	399.92	-3.42	5.46	-3.42	6.44	122.06	0.61
500.00	3.02	124.96	499.82	-5.99	9.13	-5.99	10.92	123.26	0.90
532.00	3.23	122.81	531.77	-6.96	10.58	-6.96	12.67	123.34	0.75



VES Survey International
West Texas
432-563-5444
Surveyor: Eric Warner
Janie Conner 13-24S-28E RB No. 221H / API 30-015-43756





I Eric Warner certify that I am employed by VES Survey International. That I did on the day(s) of 05/23/16 through 05/23/16 conduct or supervise the taking of a Rate Gyro survey from a depth of 0.00 feet to a depth of 532.00 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Vaughn Energy Services, that I am authorized and qualified to make this report; that this survey was conducted at the request of Matador for the Janie Conner 13-24S-28E RB Well # 221H API # 30-015-43756 in Eddy County / Parish New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Vaughn Energy Services

A handwritten signature in black ink, appearing to read "Eric Warner", is written over a horizontal line.

Eric Warner
Service Technician
Vaughn Energy Services