



I Gene Heiss certify that I am employed by VES Survey International. That I did on the day(s) of 11/04/16 through 11/04/16 conduct or supervise the taking of a Rate Gyro survey from a depth of 0.00 feet to a depth of 361.00 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 Production for the Tom Walters 12-23S-27E RB Well # 203H API # 30-015-43147 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 VES Survey International.

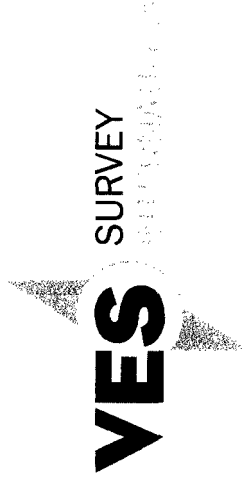
A handwritten signature in black ink, appearing to read "Gene Heiss", written over a horizontal line.

Gene Heiss
Service Technician
VES Survey International



Company: Matador Production
Lease/Well: Tom Walters 12-23S-27-E RB/203H

Rig Name: Patterson 809
State/County: New Mexico/Eddy
VS-Azi: 0.00 Degrees
Latitude: 32.31836, Longitude: -104.15306
Grid North = True North -0.10 degs (NAD 27)
Grid Correction Applied = -0.10 degs



U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NATIONAL MONUMENTS SYSTEM

MAR 08 2017

RECEIVED

Depth Reference : RKb = 28.5 Foot

DRILLOG MS GYRO SURVEY CALCULATIONS

Filename: dropgyro-01-de_01.ut
Minimum Curvature Method
Report Date/Time: 11/10/2016 / 14:28

VES Survey International
Midland Tx
(432) 563-5444

Surveyor: Gene Heiss

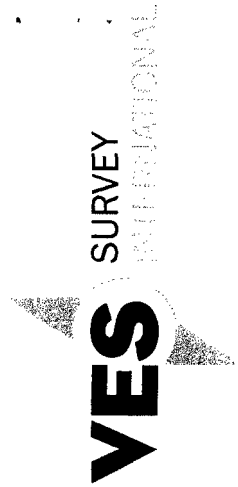
Tom Walters 12-23S-27E RB No. 203H / API 30-015-45157

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	****
98.20	0.80	241.94	98.20	-0.32	-0.61	-0.32	0.69	241.94	0.82
185.80	1.12	242.26	185.78	-1.01	-1.91	-1.01	2.16	242.07	0.37
273.40	1.41	246.53	273.36	-1.84	-3.66	-1.84	4.10	243.28	0.35
361.00	1.35	245.24	360.94	-2.71	-5.59	-2.71	6.21	244.17	0.08



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Depth=0.0, Inc=0.0, AzG=0.0

Depth=361.0, Inc=1.4, AzG=245.2

-S/+N

-2020

0

-W/+E

VES Survey Date: 11/4/2016