



Company: Matador Resources
Lease/Well: Stebbins 20 Federal No./134H

30-015-44175

Rig Name: Patterson 809
State/County: New Mexico/Eddy
VS-Azi: 0.00 Degrees



Latitude: 32.55267, Longitude: -104.10486
Grid North = True North -0.12 degs (NAD 27)
Grid Correction Applied = -0.12 degs

Depth Reference : RKB= 28'

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: stebbins 20 fed #134h.ut

Minimum Curvature Method

Report Date/Time: 9/12/2017 / 13:37

VES Survey International
Fort Worth, Texas
817-741-3610

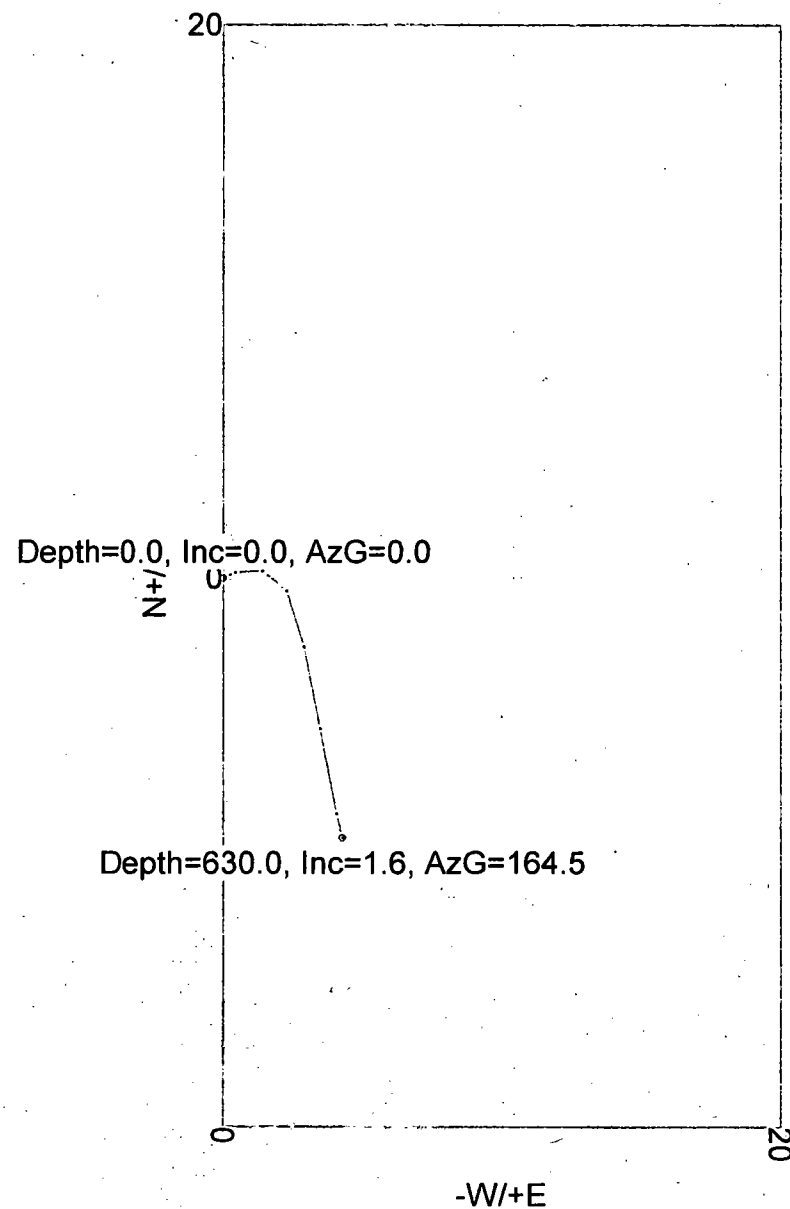
Surveyor: Eric Warner

Stebbins 20 Federal No. 134H / API 30-015-44175

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	0.56	64.74	100.00	0.21	0.44	0.21	0.48	64.74	0.56
200.00	0.64	105.13	199.99	0.27	1.42	0.27	1.44	79.33	0.42
300.00	0.77	151.05	299.99	-0.47	2.28	-0.47	2.33	101.58	0.56
400.00	1.69	168.54	399.96	-2.50	2.90	-2.50	3.83	130.73	0.98
500.00	1.78	169.56	499.92	-5.47	3.48	-5.47	6.48	147.55	0.10
600.00	1.82	168.46	599.87	-8.54	4.07	-8.54	9.46	154.51	0.05
630.00	1.62	164.51	629.85	-9.42	4.28	-9.42	10.34	155.55	0.78



VES Survey International
Fort Worth, Texas
817-741-3610
Surveyor: Eric Warner
Stebbins 20 Federal No. 134H / API 30-015-44175



V.E.S. Survey Date: 9/4/2017



I Eric Warner certify that I am employed by VES Survey International. That I did on the day(s) of 09/04/17 through 09/04/17 conduct or supervise the taking of a Rate Gyro survey from a depth of 0.00 feet to a depth of 630.00 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 Resources for the Stebbins 20 Fed Well # 134H API # 30-015-44175 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 be "Eric Warner", is written over a horizontal line.

Eric Warner
Service Technician
VES Survey International