



August 14, 2017

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

30-015-44240

Attn: Ava Monroe

Re: **Rustler Breaks SWD No. 002**

Please find enclosed a copy of the survey from 0' to 454.19' 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 "J. Byerly", written over the word "Sincerely,".

Jennifer Byerly
Operations



Company: MATADOR RESOURCES
Lease/Well: RUSTLER BREAKS SWD No./002

Rig Name: PATTERSON 810
State/County: NEW MEXICO/EDDY
VS-Azi: 0.00 Degrees

Latitude: 32.25165, Longitude: -104.13469
Grid North = True North -0.11 degs (NAD 27)
Grid Correction Applied = -0.11 degs

VES SURVEY

Depth Reference : RKB 28.5'

DRILLOG MS GYRO SURVEY CALCULATIONS

Filename: msgyro_run01-01-de_01.ut
Minimum Curvature Method
Report Date/Time: 8/14/2017 / 14:25

VES Survey International
West Texas
432-563-5444

Surveyor: Dustin Byers
Rustler Breaks SWD No. 002 / API 30-015-44240

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	****
31.79	0.59	108.39	31.79	-0.05	0.15	-0.05	0.16	108.39	1.85
129.39	2.59	106.56	129.35	-0.84	2.74	-0.84	2.87	106.98	2.05
226.99	3.13	101.16	226.83	-1.98	7.47	-1.98	7.73	104.85	0.62
324.59	2.08	96.53	324.32	-2.70	11.84	-2.70	12.15	102.83	1.10
422.19	0.45	45.79	421.90	-2.63	13.88	-2.63	14.13	100.73	1.87
454.19	0.33	66.47	453.90	-2.51	14.06	-2.51	14.28	100.11	0.58



VES Survey International
West Texas
432-563-5444

Surveyor: Dustin Byers

Rustler Breaks SWD No. 002 / API 30-015-44240

VES

SURVEY

CONFIDENTIAL

Depth=0.0, Inc=0.0, AzG=0.0
0.

Depth=454.2, Inc=0.3, AzG=66.5

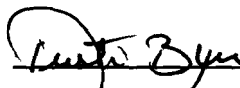
-S/+N

-20

-W/+E

VES SURVEY

I Dustin Byers certify that I am employed by VES Survey International. That I did on the day(s) of 08/10/17 through 08/10/17 conduct or supervise the taking of a Rate Gyro survey from a depth of 0.00 feet to a depth of 454.19 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 Rustler Breaks SWD Well # 2H API # 30-015-44240 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.



Dustin Byers
Service Technician
VES Survey International