

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

As-Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46735		² Pool Code 98220		³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	
⁴ Property Code 327154		⁵ Property Name BOROS FED COM			⁶ Well Number 201H
⁷ GRID No. 228937		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3229'

¹⁰Surface Location

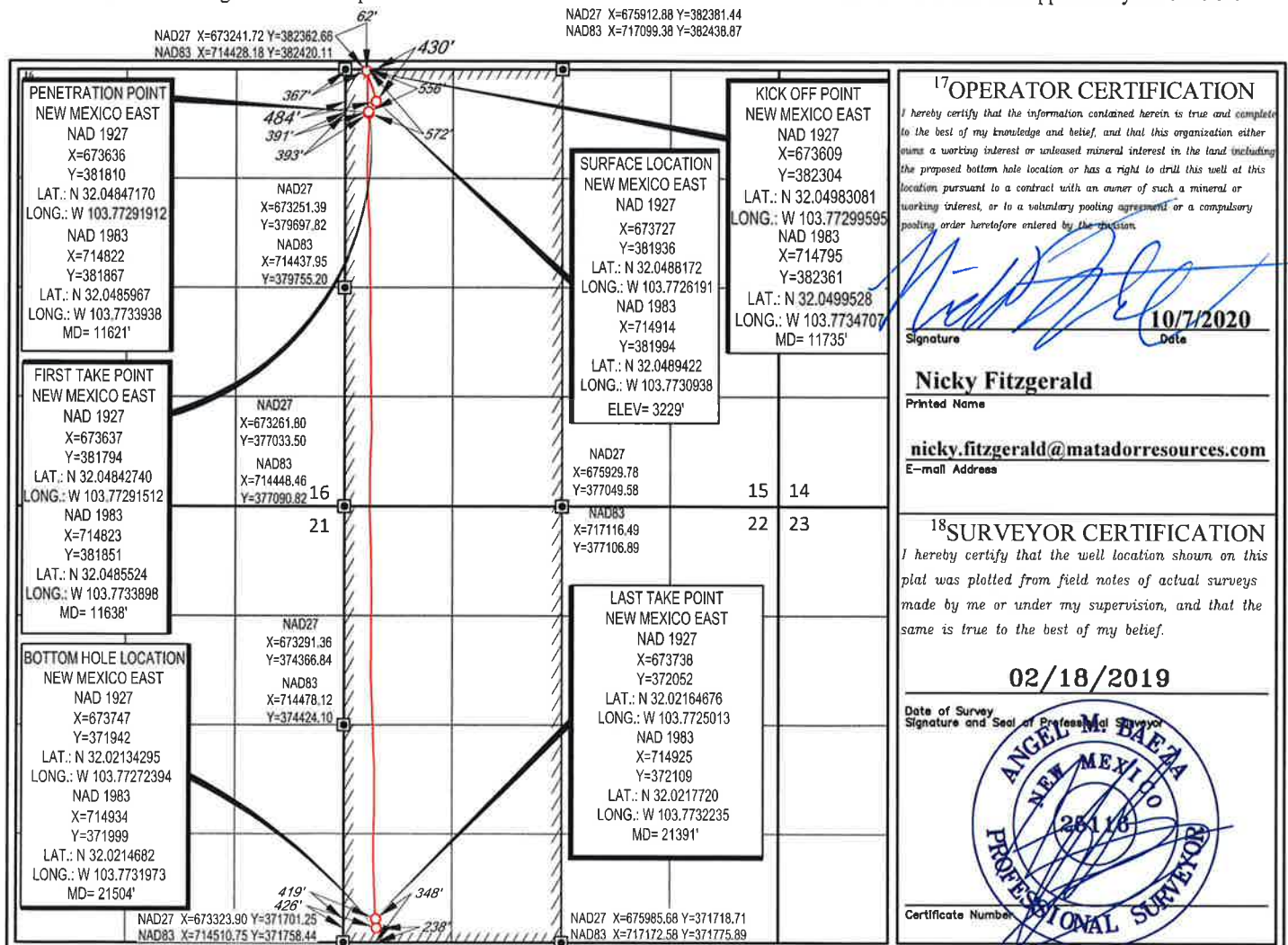
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	26-S	31-E	-	430'	NORTH	484'	WEST	EDDY

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	26-S	31-E	-	238'	SOUTH	426'	WEST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Nicky Fitzgerald* Date: 10/7/2020

Printed Name: Nicky Fitzgerald

E-mail Address: nicky.fitzgerald@matadorresources.com

¹⁸SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

02/18/2019

Date of Survey: 02/18/2019
Signature and Seal of Professional Surveyor

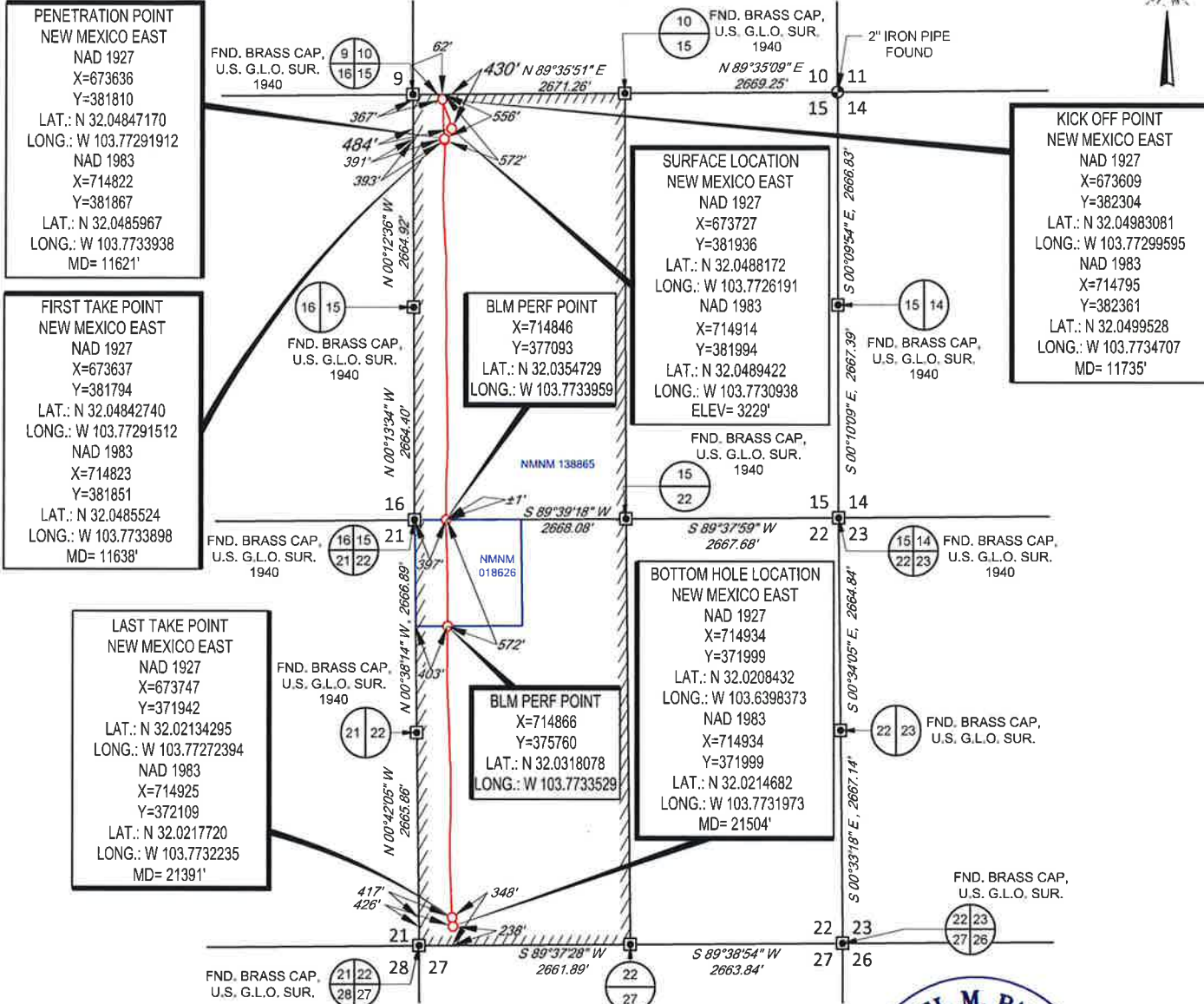
Certificate Number: *ANGEL M. DIAZ*
ANGEL M. DIAZ
NEW MEXICO
PROFESSIONAL SURVEYOR
35116

SCALE: 1" = 2000'

0' 1000' 2000'



SECTION 15, TOWNSHIP 26-S, RANGE 31-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: BOROS FED COM 201H

SECTION 15 TWP 26-S RGE 31-E SURVEY N.M.P.M.

COUNTY EDDY STATE NM

DESCRIPTION 430' FNL & 484' FWL



1400 EVERMAN PARKWAY, Ste. 148 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM



Angel M. Baeza, P.S. No. 25116
SEPTEMBER 3, 2020

BOROS FED COM 201H AS-COMPLETED	REVISION:		NOTES:
	INT	DATE	
DATE: 09/03/2020			1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
AD_BOROS_FED_COM_201H			
DRAWN BY: A.V.F.			
SHEET: 2 OF 2			

MS Directional, LLC Survey Data Certification

MS Directional Job Number:	MSMO-76105
Survey Type:	MWD
Operating Company:	Matador Production Company
Well Name & Number:	Boros Fed Com 201H
Location:	Eddy, New Mexico
API Number:	30-015-46735
Tie In Depth:	Surface
Surveyed Depths:	196' – 21,447' MD
Projected TD Survey:	21,519' MD
Dates Performed:	04/01/2020 – 05/21/2020

To the best of my knowledge, I certify the following:

1. The data is true, correct and complete and within the limitations of the tool set forth by MS Directional, LLC;
2. I am authorized and qualified to make this report; and
3. I have reviewed this report and find it conforms to the principles and procedures as set forth by MS Directional, LLC.

MWD Surveyor Name:	Michael Schumacher
MWD Operations Manager:	Charles Davis
Signature:	 _____
Date:	5/21/2020 _____
Email:	cdavis@msdir.com



Matador Resources

Eddy County, New Mexico (NAD 27)

Boros Fed Com

Boros Fed Com #201H

Wellbore #1

Design: Surveys

Standard Survey Report

01 September, 2020



MS Directional, LLC Survey Data Certification

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2. I am authorized and qualified to make this report; and
3. I have reviewed this report and find it conforms to the principles and procedures as set forth by MS Directional, LLC.

MWD Surveyor Name:	Michael Schumacher
MWD Operations Manager:	Charles Davis
Signature:	 _____
Date:	5/21/2020 _____
Email:	cdavis@msdir.com



Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #201H
Project:	Eddy County, New Mexico (NAD 27)	TVD Reference:	WELL @ 3257.50usft (Patterson 295)
Site:	Boros Fed Com	MD Reference:	WELL @ 3257.50usft (Patterson 295)
Well:	Boros Fed Com #201H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	5000.1 Conroe DB

Project	Eddy County, New Mexico (NAD 27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Boros Fed Com		
Site Position:		Northing:	381,966.86 usft
From:	Map	Easting:	673,837.33 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 56.041 N
		Longitude:	103° 46' 20.151 W
		Grid Convergence:	0.298 °

Well	Boros Fed Com #201H		
Well Position	+N/-S	0.00 usft	Northing: 381,936.10 usft
	+E/-W	0.00 usft	Easting: 673,727.49 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 2' 55.742 N
		Longitude:	103° 46' 21.429 W
		Ground Level:	3,229.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2020	4/1/2020	6.567	59.633	47,655.80
	HDGM2020	5/10/2020	6.567	59.617	47,644.50

Design	Surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.56	

Survey Program	Date	9/1/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
196.00	21,519.00	MS MWD (Wellbore #1)	MWD+HRGM	OWSG MWD + HRGM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
196.00	0.50	118.90	196.00	-0.41	0.75	0.42	0.26	0.26	0.00
329.00	0.30	125.00	328.99	-0.89	1.54	0.91	0.15	-0.15	4.59
513.00	0.60	101.30	512.99	-1.36	2.88	1.38	0.19	0.16	-12.88
688.00	0.10	64.10	687.98	-1.47	3.92	1.50	0.30	-0.29	-21.26
871.00	0.10	51.20	870.98	-1.30	4.19	1.33	0.01	0.00	-7.05
1,057.00	0.20	211.40	1,056.98	-1.48	4.14	1.51	0.16	0.05	86.13
1,244.00	0.30	312.60	1,243.98	-1.42	3.61	1.45	0.21	0.05	54.12
1,422.00	0.50	345.10	1,421.98	-0.36	3.07	0.38	0.17	0.11	18.26
1,518.00	1.00	16.40	1,517.97	0.85	3.20	-0.83	0.66	0.52	32.60



Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #201H
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Site:	Boros Fed Com	MD Reference:	WELL @ 3257.50usft (Patterson 295)
Well:	Boros Fed Com #201H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	5000.1 Conroe DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,704.00	3.30	22.40	1,703.83	7.36	5.70	-7.31	1.24	1.24	3.23
1,890.00	2.90	330.70	1,889.59	16.41	5.43	-16.37	1.47	-0.22	-27.80
2,080.00	2.40	217.00	2,079.48	17.43	0.69	-17.42	2.34	-0.26	-59.84
2,267.00	1.80	226.80	2,266.35	12.29	-3.81	-12.32	0.37	-0.32	5.24
2,456.00	2.10	202.40	2,455.25	7.06	-7.30	-7.11	0.46	0.16	-12.91
2,645.00	1.10	94.50	2,644.20	3.71	-6.81	-3.76	1.40	-0.53	-57.09
2,832.00	0.50	345.40	2,831.19	4.36	-5.22	-4.40	0.72	-0.32	-58.34
3,022.00	0.50	350.10	3,021.18	5.98	-5.57	-6.02	0.02	0.00	2.47
3,211.00	0.30	12.50	3,210.18	7.27	-5.61	-7.32	0.13	-0.11	11.85
3,401.00	0.70	94.20	3,400.17	7.68	-4.34	-7.71	0.38	0.21	43.00
3,591.00	3.00	135.20	3,590.06	4.06	0.32	-4.06	1.32	1.21	21.58
3,780.00	2.40	181.40	3,778.87	-3.40	3.71	3.43	1.16	-0.32	24.44
3,970.00	0.90	106.40	3,968.81	-7.80	5.04	7.84	1.23	-0.79	-39.47
4,160.00	0.70	96.30	4,158.79	-8.35	7.63	8.41	0.13	-0.11	-5.32
4,349.00	0.80	125.10	4,347.77	-9.24	9.85	9.31	0.20	0.05	15.24
4,537.00	0.80	165.20	4,535.75	-11.26	11.26	11.35	0.29	0.00	21.33
4,726.00	0.50	163.60	4,724.74	-13.33	11.83	13.42	0.16	-0.16	-0.85
4,915.00	0.20	130.80	4,913.74	-14.33	12.32	14.43	0.18	-0.16	-17.35
5,105.00	0.30	119.20	5,103.74	-14.79	13.00	14.89	0.06	0.05	-6.11
5,295.00	0.40	300.50	5,293.74	-14.70	12.86	14.80	0.37	0.05	-94.05
5,483.00	0.30	301.10	5,481.73	-14.11	11.88	14.20	0.05	-0.05	0.32
5,672.00	0.60	359.30	5,670.73	-12.87	11.44	12.96	0.27	0.16	30.79
5,859.00	0.90	317.80	5,857.71	-10.80	10.44	10.88	0.32	0.16	-22.19
6,048.00	4.90	334.40	6,046.43	-2.42	5.96	2.46	2.14	2.12	8.78
6,237.00	4.10	328.30	6,234.85	10.61	-1.08	-10.62	0.49	-0.42	-3.23
6,425.00	6.10	350.50	6,422.11	26.18	-6.26	-26.23	1.48	1.06	11.81
6,615.00	4.50	356.40	6,611.30	43.58	-8.40	-43.64	0.89	-0.84	3.11
6,802.00	7.70	342.00	6,797.22	62.82	-12.73	-62.92	1.88	1.71	-7.70
6,989.00	6.10	344.00	6,982.86	84.29	-19.34	-84.43	0.87	-0.86	1.07
7,178.00	5.20	344.60	7,170.94	102.20	-24.38	-102.38	0.48	-0.48	0.32
7,368.00	4.50	342.50	7,360.26	117.61	-28.91	-117.83	0.38	-0.37	-1.11
7,558.00	4.90	343.20	7,549.62	132.49	-33.50	-132.74	0.21	0.21	0.37
7,747.00	6.40	335.90	7,737.70	149.83	-40.13	-150.13	0.88	0.79	-3.86
7,936.00	6.30	337.30	7,925.54	169.01	-48.44	-169.38	0.10	-0.05	0.74
8,126.00	6.30	339.30	8,114.40	188.38	-56.14	-188.81	0.12	0.00	1.05
8,315.00	4.30	330.50	8,302.58	204.25	-63.30	-204.73	1.14	-1.06	-4.66
8,505.00	6.20	344.20	8,491.78	220.32	-69.60	-220.85	1.19	1.00	7.21
8,694.00	5.60	335.10	8,679.78	238.51	-76.26	-239.09	0.59	-0.32	-4.81
8,883.00	6.50	335.30	8,867.73	256.59	-84.62	-257.24	0.48	0.48	0.11
9,072.00	6.40	337.80	9,055.53	276.07	-93.07	-276.77	0.16	-0.05	1.32
9,265.00	9.40	345.80	9,246.69	301.31	-101.00	-302.08	1.65	1.55	4.15
9,454.00	6.10	342.10	9,433.93	325.84	-107.87	-326.66	1.76	-1.75	-1.96
9,643.00	5.00	0.60	9,622.06	343.63	-110.88	-344.47	1.10	-0.58	9.79



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Well:	Boros Fed Com #201H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	5000.1 Conroe DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,833.00	3.70	338.80	9,811.52	357.63	-113.01	-358.48	1.10	-0.68	-11.47
10,021.00	2.80	331.30	9,999.22	367.31	-117.40	-368.20	0.53	-0.48	-3.99
10,211.00	1.60	330.70	10,189.08	373.69	-120.93	-374.61	0.63	-0.63	-0.32
10,305.00	0.70	126.00	10,283.07	374.50	-121.11	-375.42	2.40	-0.96	165.21
10,399.00	1.10	146.20	10,377.05	373.41	-120.14	-374.33	0.54	0.43	21.49
10,493.00	1.20	158.10	10,471.04	371.75	-119.27	-372.66	0.27	0.11	12.66
10,588.00	1.30	172.30	10,566.01	369.76	-118.76	-370.66	0.34	0.11	14.95
10,682.00	1.00	179.80	10,659.99	367.88	-118.61	-368.78	0.36	-0.32	7.98
10,735.00	0.80	187.10	10,712.99	367.05	-118.66	-367.95	0.43	-0.38	13.77
10,843.00	1.20	222.30	10,820.97	365.47	-119.51	-366.38	0.66	0.37	32.59
10,938.00	12.20	178.40	10,915.20	354.66	-119.90	-355.57	11.96	11.58	-46.21
11,030.00	22.80	170.10	11,002.83	327.30	-116.55	-328.19	11.81	11.52	-9.02
11,122.00	32.60	172.40	11,084.19	285.07	-110.20	-285.91	10.71	10.65	2.50
11,214.00	42.40	179.10	11,157.12	229.34	-106.42	-230.15	11.52	10.65	7.28
11,305.00	53.60	181.30	11,217.91	161.83	-106.77	-162.64	12.44	12.31	2.42
11,397.00	63.00	179.50	11,266.21	83.64	-107.25	-84.47	10.35	10.22	-1.96
11,489.00	70.70	174.90	11,302.36	-0.75	-103.03	-0.04	9.55	8.37	-5.00
11,583.00	70.10	175.20	11,333.90	-88.97	-95.39	88.24	0.71	-0.64	0.32
11,676.00	73.70	175.30	11,362.79	-177.05	-88.07	176.37	3.87	3.87	0.11
11,770.00	84.40	180.40	11,380.63	-269.11	-84.69	268.45	12.56	11.38	5.43
11,863.00	95.30	184.10	11,380.87	-361.88	-88.33	361.19	12.38	11.72	3.98
11,956.00	91.20	182.90	11,375.60	-454.54	-94.00	453.80	4.59	-4.41	-1.29
12,048.00	89.40	181.80	11,375.12	-546.45	-97.77	545.69	2.29	-1.96	-1.20
12,140.00	85.30	181.00	11,379.37	-638.31	-100.02	637.52	4.54	-4.46	-0.87
12,233.00	84.00	181.60	11,388.04	-730.88	-102.12	730.07	1.54	-1.40	0.65
12,324.00	82.50	181.40	11,398.74	-821.21	-104.48	820.39	1.66	-1.65	-0.22
12,419.00	88.10	179.80	11,406.52	-915.85	-105.47	915.01	6.13	5.89	-1.68
12,513.00	89.10	177.50	11,408.81	-1,009.79	-103.25	1,008.96	2.67	1.06	-2.45
12,607.00	85.60	176.70	11,413.16	-1,103.55	-98.51	1,102.76	3.82	-3.72	-0.85
12,702.00	90.70	177.30	11,416.23	-1,198.34	-93.54	1,197.58	5.41	5.37	0.63
12,796.00	90.30	177.00	11,415.41	-1,292.22	-88.86	1,291.50	0.53	-0.43	-0.32
12,890.00	89.10	176.60	11,415.90	-1,386.07	-83.62	1,385.39	1.35	-1.28	-0.43
12,985.00	87.60	175.90	11,418.63	-1,480.82	-77.41	1,480.18	1.74	-1.58	-0.74
13,079.00	90.40	177.10	11,420.27	-1,574.62	-71.67	1,574.02	3.24	2.98	1.28
13,174.00	90.00	179.30	11,419.94	-1,669.57	-68.69	1,668.99	2.35	-0.42	2.32
13,268.00	89.20	180.60	11,420.60	-1,763.56	-68.61	1,762.98	1.62	-0.85	1.38
13,362.00	86.90	180.50	11,423.80	-1,857.50	-69.51	1,856.91	2.45	-2.45	-0.11
13,456.00	89.60	180.30	11,426.67	-1,951.44	-70.16	1,950.85	2.88	2.87	-0.21
13,549.00	89.40	179.50	11,427.48	-2,044.44	-70.00	2,043.84	0.89	-0.22	-0.86
13,643.00	89.80	179.20	11,428.13	-2,138.43	-68.93	2,137.84	0.53	0.43	-0.32
13,737.00	90.10	178.20	11,428.22	-2,232.40	-66.80	2,231.83	1.11	0.32	-1.06
13,832.00	89.10	177.70	11,428.88	-2,327.34	-63.40	2,326.78	1.18	-1.05	-0.53
13,927.00	88.00	180.60	11,431.28	-2,422.29	-61.99	2,421.74	3.26	-1.16	3.05



Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #201H
Project:	Eddy County, New Mexico (NAD 27)	TVD Reference:	WELL @ 3257.50usft (Patterson 295)
Site:	Boros Fed Com	MD Reference:	WELL @ 3257.50usft (Patterson 295)
Well:	Boros Fed Com #201H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	5000.1 Conroe DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,021.00	89.10	180.60	11,433.66	-2,516.25	-62.98	2,515.69	1.17	1.17	0.00
14,115.00	89.90	181.00	11,434.48	-2,610.24	-64.29	2,609.67	0.95	0.85	0.43
14,210.00	89.80	179.70	11,434.73	-2,705.23	-64.87	2,704.65	1.37	-0.11	-1.37
14,304.00	90.80	180.30	11,434.24	-2,799.23	-64.87	2,798.65	1.24	1.06	0.64
14,399.00	90.30	179.00	11,433.33	-2,894.22	-64.29	2,893.64	1.47	-0.53	-1.37
14,493.00	90.40	178.20	11,432.75	-2,988.19	-61.99	2,987.63	0.86	0.11	-0.85
14,587.00	90.10	177.50	11,432.34	-3,082.12	-58.47	3,081.58	0.81	-0.32	-0.74
14,682.00	91.20	180.70	11,431.27	-3,177.09	-56.98	3,176.56	3.56	1.16	3.37
14,777.00	89.60	179.50	11,430.60	-3,272.08	-57.14	3,271.55	2.11	-1.68	-1.26
14,871.00	89.20	178.80	11,431.59	-3,366.07	-55.75	3,365.54	0.86	-0.43	-0.74
14,966.00	90.60	179.30	11,431.75	-3,461.05	-54.17	3,460.53	1.56	1.47	0.53
15,061.00	89.60	178.40	11,431.59	-3,556.03	-52.26	3,555.52	1.42	-1.05	-0.95
15,156.00	91.30	179.90	11,430.84	-3,651.01	-50.86	3,650.51	2.39	1.79	1.58
15,251.00	89.90	179.10	11,429.85	-3,746.00	-50.03	3,745.50	1.70	-1.47	-0.84
15,346.00	91.60	179.20	11,428.60	-3,840.98	-48.62	3,840.49	1.79	1.79	0.11
15,441.00	89.90	178.50	11,427.36	-3,935.95	-46.71	3,935.47	1.94	-1.79	-0.74
15,536.00	90.40	182.70	11,427.11	-4,030.92	-47.71	4,030.43	4.45	0.53	4.42
15,631.00	90.90	183.10	11,426.03	-4,125.79	-52.51	4,125.27	0.67	0.53	0.42
15,724.00	90.80	182.90	11,424.65	-4,218.65	-57.38	4,218.09	0.24	-0.11	-0.22
15,818.00	91.10	183.50	11,423.09	-4,312.49	-62.62	4,311.88	0.71	0.32	0.64
15,912.00	90.60	179.80	11,421.70	-4,406.43	-65.33	4,405.79	3.97	-0.53	-3.94
16,006.00	91.60	179.90	11,419.89	-4,500.41	-65.08	4,499.78	1.07	1.06	0.11
16,101.00	90.30	179.90	11,418.32	-4,595.39	-64.92	4,594.76	1.37	-1.37	0.00
16,195.00	90.20	180.40	11,417.91	-4,689.39	-65.16	4,688.75	0.54	-0.11	0.53
16,290.00	90.50	180.90	11,417.33	-4,784.38	-66.24	4,783.73	0.61	0.32	0.53
16,384.00	89.80	181.40	11,417.08	-4,878.36	-68.13	4,877.70	0.92	-0.74	0.53
16,479.00	90.20	178.90	11,417.08	-4,973.35	-68.38	4,972.68	2.67	0.42	-2.63
16,573.00	89.60	178.10	11,417.25	-5,067.32	-65.92	5,066.67	1.06	-0.64	-0.85
16,667.00	89.20	178.10	11,418.23	-5,161.26	-62.80	5,160.63	0.43	-0.43	0.00
16,761.00	89.50	177.80	11,419.30	-5,255.20	-59.44	5,254.59	0.45	0.32	-0.32
16,855.00	88.20	177.00	11,421.18	-5,349.08	-55.18	5,348.50	1.62	-1.38	-0.85
16,948.00	91.10	179.60	11,421.75	-5,442.02	-52.42	5,441.46	4.19	3.12	2.80
17,043.00	88.90	179.10	11,421.75	-5,537.01	-51.34	5,536.45	2.37	-2.32	-0.53
17,136.00	90.30	178.70	11,422.40	-5,629.98	-49.55	5,629.44	1.57	1.51	-0.43
17,231.00	93.50	180.30	11,419.25	-5,724.91	-48.72	5,724.37	3.77	3.37	1.68
17,325.00	90.80	179.20	11,415.73	-5,818.84	-48.31	5,818.29	3.10	-2.87	-1.17
17,420.00	90.10	179.10	11,414.98	-5,913.82	-46.90	5,913.29	0.74	-0.74	-0.11
17,515.00	90.60	179.80	11,414.40	-6,008.81	-45.99	6,008.28	0.91	0.53	0.74
17,609.00	93.30	180.90	11,411.20	-6,102.75	-46.57	6,102.21	3.10	2.87	1.17
17,703.00	91.70	180.60	11,407.10	-6,196.65	-47.79	6,196.10	1.73	-1.70	-0.32
17,798.00	89.90	179.90	11,405.77	-6,291.63	-48.21	6,291.08	2.03	-1.89	-0.74
17,893.00	92.30	180.30	11,403.95	-6,386.61	-48.37	6,386.05	2.56	2.53	0.42
17,988.00	91.20	179.90	11,401.05	-6,481.56	-48.54	6,481.00	1.23	-1.16	-0.42
18,082.00	90.50	180.30	11,399.66	-6,575.55	-48.70	6,574.98	0.86	-0.74	0.43



Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #201H
Project:	Eddy County, New Mexico (NAD 27)	TVD Reference:	WELL @ 3257.50usft (Patterson 295)
Site:	Boros Fed Com	MD Reference:	WELL @ 3257.50usft (Patterson 295)
Well:	Boros Fed Com #201H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	5000.1 Conroe DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
18,176.00	92.90	181.40	11,396.87	-6,669.49	-50.10	6,668.91	2.81	2.55	1.17
18,271.00	92.90	181.10	11,392.06	-6,764.35	-52.17	6,763.75	0.32	0.00	-0.32
18,365.00	92.60	180.60	11,387.55	-6,858.23	-53.56	6,857.61	0.62	-0.32	-0.53
18,459.00	89.60	178.40	11,385.75	-6,952.19	-52.74	6,951.58	3.96	-3.19	-2.34
18,553.00	90.70	178.20	11,385.50	-7,046.15	-49.95	7,045.56	1.19	1.17	-0.21
18,647.00	91.70	177.40	11,383.53	-7,140.06	-46.34	7,139.49	1.36	1.06	-0.85
18,740.00	89.00	176.10	11,382.96	-7,232.89	-41.07	7,232.36	3.22	-2.90	-1.40
18,835.00	89.10	177.80	11,384.54	-7,327.74	-36.02	7,327.25	1.79	0.11	1.79
18,929.00	91.00	177.70	11,384.46	-7,421.67	-32.33	7,421.20	2.02	2.02	-0.11
19,023.00	90.90	176.80	11,382.90	-7,515.54	-27.82	7,515.11	0.96	-0.11	-0.96
19,116.00	91.00	179.20	11,381.36	-7,608.47	-24.57	7,608.05	2.58	0.11	2.58
19,211.00	91.70	178.80	11,379.12	-7,703.43	-22.92	7,703.02	0.85	0.74	-0.42
19,305.00	91.00	178.00	11,376.90	-7,797.36	-20.29	7,796.98	1.13	-0.74	-0.85
19,399.00	90.50	177.30	11,375.67	-7,891.27	-16.44	7,890.91	0.92	-0.53	-0.74
19,494.00	90.00	175.30	11,375.26	-7,986.07	-10.31	7,985.75	2.17	-0.53	-2.11
19,587.00	89.90	180.20	11,375.34	-8,078.97	-6.66	8,078.68	5.27	-0.11	5.27
19,681.00	90.40	180.60	11,375.09	-8,172.97	-7.31	8,172.67	0.68	0.53	0.43
19,776.00	90.70	180.70	11,374.18	-8,267.96	-8.39	8,267.65	0.33	0.32	0.11
19,870.00	90.60	179.90	11,373.11	-8,361.95	-8.88	8,361.63	0.86	-0.11	-0.85
19,965.00	91.20	179.30	11,371.62	-8,456.93	-8.22	8,456.62	0.89	0.63	-0.63
20,061.00	90.70	181.20	11,370.03	-8,552.91	-8.64	8,552.60	2.05	-0.52	1.98
20,156.00	91.40	181.80	11,368.29	-8,647.86	-11.13	8,647.52	0.97	0.74	0.63
20,250.00	90.30	181.80	11,366.90	-8,741.81	-14.08	8,741.44	1.17	-1.17	0.00
20,343.00	90.00	181.20	11,366.65	-8,834.77	-16.51	8,834.39	0.72	-0.32	-0.65
20,438.00	91.60	181.10	11,365.33	-8,929.74	-18.42	8,929.34	1.69	1.68	-0.11
20,532.00	89.10	179.90	11,364.75	-9,023.73	-19.24	9,023.31	2.95	-2.66	-1.28
20,628.00	88.80	178.80	11,366.51	-9,119.70	-18.15	9,119.30	1.19	-0.31	-1.15
20,723.00	91.60	178.40	11,366.18	-9,214.66	-15.83	9,214.27	2.98	2.95	-0.42
20,818.00	90.90	178.00	11,364.11	-9,309.59	-12.85	9,309.22	0.85	-0.74	-0.42
20,912.00	90.60	178.70	11,362.88	-9,403.55	-10.14	9,403.19	0.81	-0.32	0.74
21,006.00	90.40	178.40	11,362.06	-9,497.51	-7.76	9,497.17	0.38	-0.21	-0.32
21,100.00	88.00	176.80	11,363.37	-9,591.41	-3.83	9,591.10	3.07	-2.55	-1.70
21,194.00	89.70	177.80	11,365.25	-9,685.28	0.60	9,685.00	2.10	1.81	1.06
21,289.00	89.10	177.00	11,366.25	-9,780.18	4.91	9,779.93	1.05	-0.63	-0.84
21,383.00	89.50	176.40	11,367.40	-9,874.02	10.32	9,873.80	0.77	0.43	-0.64
21,447.00	87.80	175.20	11,368.91	-9,937.82	15.01	9,937.65	3.25	-2.66	-1.88
21,519.00	87.80	175.20	11,371.67	-10,009.52	21.03	10,009.38	0.00	0.00	0.00