

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address MATADOR PRODUCTION COMPANY 5400 LBJ Freeway, Ste 1500 Dallas, TX 75240		² OGRID Number 228937	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 0 15-46748	⁵ Pool Name PURPLE SAGE;WOLFCAMP (GAS)		⁶ Pool Code 98220
⁷ Property Code 327154	⁸ Property Name BOROS FEDERAL COM		⁹ Well Number 215H

II. ¹⁰ Surface 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	26S	31E		400	North	514	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	26S	31E		242	South	974	West	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 9/17/2020	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

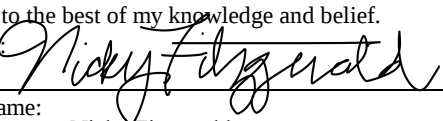
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372018	Longwood RB Pipeline, LLC 5400 LBJ Freeway, Ste. 1500 Dallas, TX 75240	G
214984	PLAINS MARKETING, L.P. 17304 PRESTON RD. STE 140, DALLAS, TX 75252	O
373401	CP Energy, LLC 317 Lilac Dr., Suite 200 Edmond, OK 73034	O

IV. Well Completion Data

²¹ Spud Date 3/30/2020	²² Ready Date 9/17/2020	²³ TD 21902' MD 11721' TVD	²⁴ PBTD 21807 MD 11723 TVD	²⁵ Perforations 11815' - 21790'	²⁶ DHC, MC -----
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1,489	1100		
9-7/8"	7-5/8"	11,800 TOOL 4114	1060		
6-3/4"	5-1/2"	21,901	1584		

V. Well Test Data

³¹ Date New Oil 9/17/2020	³² Gas Delivery Date 9/17/2020	³³ Test Date 9/21/2020	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3600
³⁷ Choke Size 46/64	³⁸ Oil 2750	³⁹ Water 7119	⁴⁰ Gas 11100		⁴¹ Test Method F
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Nicky Fitzgerald			Approved by: KURT SIMMONS		
Title: Regulatory Analyst			Title: NMOCD, SANTA FE		
E-mail Address: nicky.fitzgerald@matadorresources.com			Approval Date: 08/03/2021		
Date: 11/23/2020		Phone: 972-371-5448			

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46748	² Pool Code 98220	³ Pool Name PURPLE SAGE;WOLFCAMP (GAS)
⁴ Property Code 327154	⁵ Property Name BOROS FED COM	⁶ Well Number 215H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3232'

¹⁰Surface Location

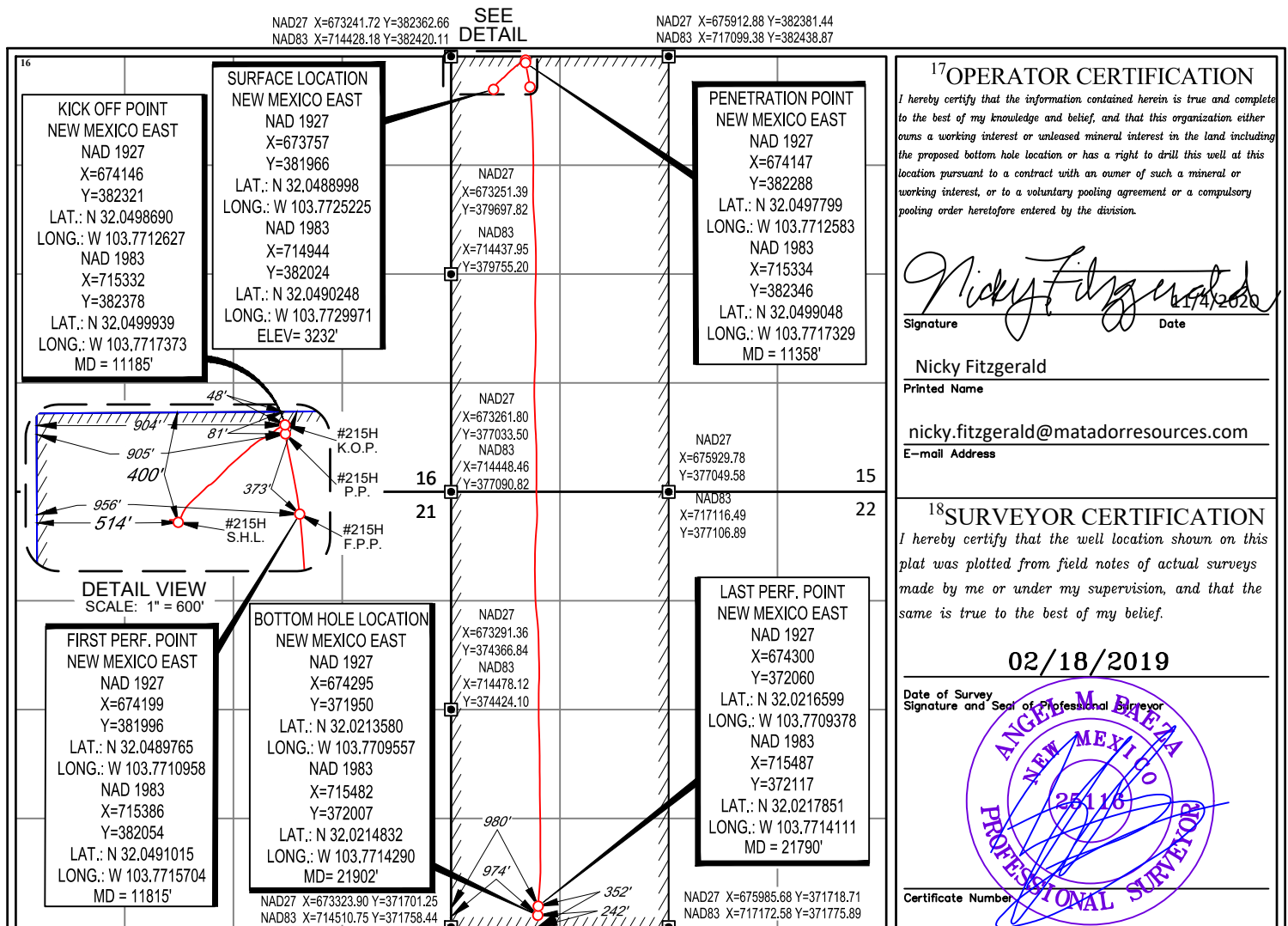
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	26-S	31-E	-	400'	NORTH	514'	WEST	EDDY

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	-	242'	SOUTH	974'	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.

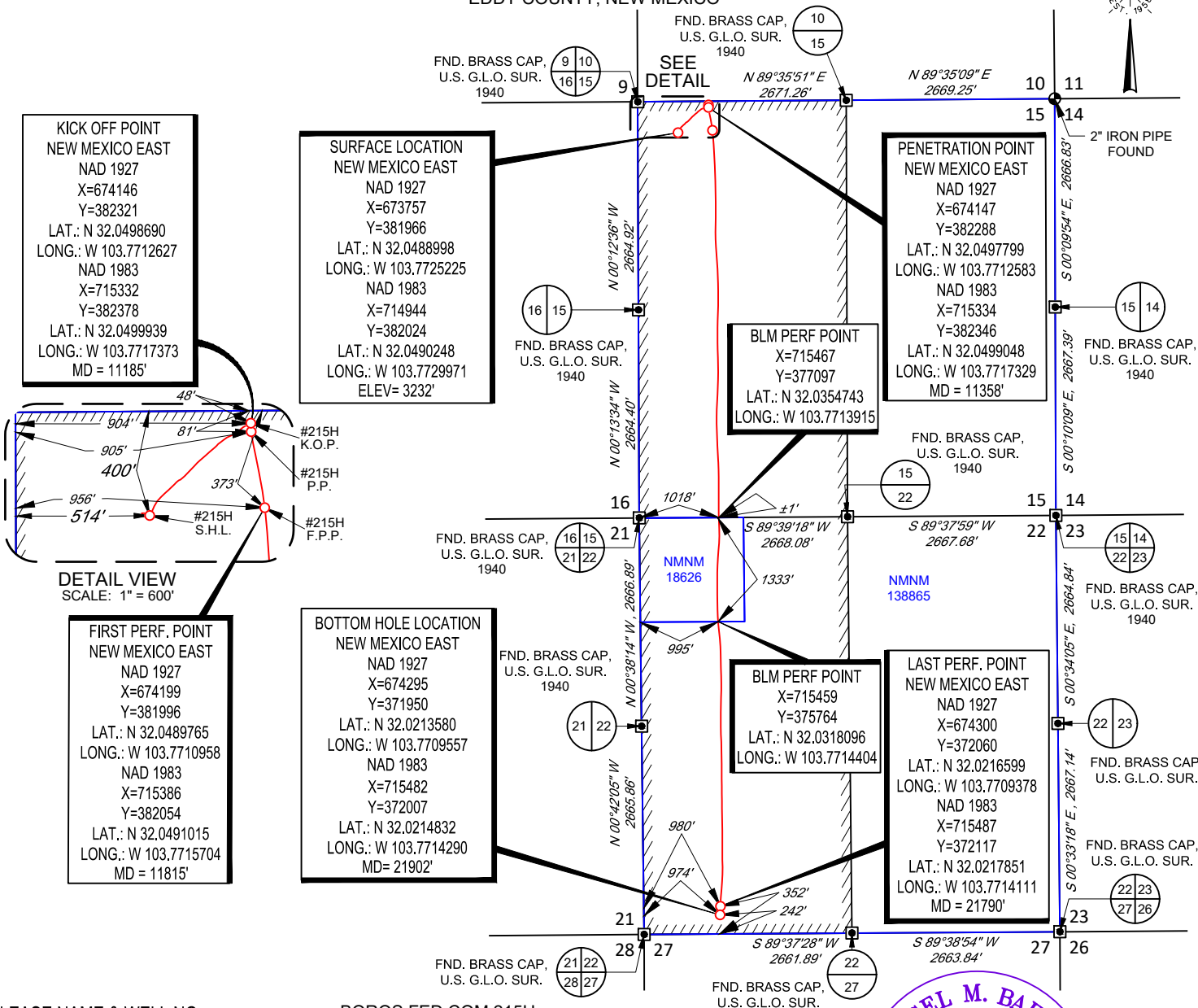


SCALE: 1" = 2000'

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 215H

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

COUNTY EDDY STATE NM

DESCRIPTION 400' FNL & 514' FWL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • 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
October 13, 2020

BOROS FED COME 215H
AS-DRILLED

REVISION:

NOTES:

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.

DATE: 10/13/2020

AD_BOROS_FED_COM_215H

DRAWN BY: IMU

SHEET: 2 OF 2



3335 Pollok Drive
Conroe, Texas 77303
936.442.2500 (office)
www.msdir.com

MS Directional, LLC Survey Data Certification

MS Directional Job Number:	MSMO-76108
Survey Type:	MWD
Operating Company:	Matador Production Company
Well Name & Number:	Boros Fed Com 215H
Location:	Eddy County, New Mexico
API Number:	30-015-46748
Tie In Depth:	Surface
Surveyed Depths:	168' – 21,845' MD
Projected TD Survey:	21,902' MD
Dates Performed:	03/29/2020 – 05/10/2020

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: Timothy Boylan

MWD Operations Manager: Charles Davis

Signature:

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

Date: 5/11/2020

Email: cdavis@msdir.com



Matador Resources

Eddy County, New Mexico (NAD 27)

Boros Fed Com

Boros Fed Com #215H

API# 30-015-46748

Wellbore #1

Design: Surveys

Standard Survey Report

07 May, 2020





MS Directional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #215H
Project:	Eddy County, New Mexico (NAD 27)	TVD Reference:	WELL @ 3259.50usft (Patterson 295)
Site:	Boros Fed Com	MD Reference:	WELL @ 3259.50usft (Patterson 295)
Well:	Boros Fed Com #215H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 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 #215H		
Well Position	+N/-S	0.00 usft	Northing: 381,966.30 usft
	+E/-W	0.00 usft	Easting: 673,757.27 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 2' 56.039 N
		Longitude:	103° 46' 21.081 W
		Ground Level:	3,231.00 usft

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

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)
	0.00	0.00	0.00
			Direction (°) 179.56

Survey Program	Date 5/7/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
168.00	21,902.00	MS MWD (Wellbore #1)	MWD+HRGM
			Description 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
168.00	0.10	33.90	168.00	0.12	0.08	-0.12	0.06	0.06	0.00
349.00	0.10	136.40	349.00	0.14	0.28	-0.14	0.09	0.00	56.63
505.00	0.10	332.40	505.00	0.16	0.31	-0.16	0.13	0.00	-105.13
688.00	0.60	299.00	688.00	0.77	-0.60	-0.77	0.28	0.27	-18.25
871.00	0.90	295.40	870.98	1.85	-2.74	-1.87	0.17	0.16	-1.97
1,057.00	1.00	279.60	1,056.95	2.74	-5.66	-2.79	0.15	0.05	-8.49
1,244.00	1.10	292.20	1,243.92	3.70	-8.93	-3.76	0.13	0.05	6.74
1,422.00	1.40	304.00	1,421.88	5.56	-12.31	-5.65	0.22	0.17	6.63
1,518.00	0.90	304.50	1,517.86	6.64	-13.91	-6.75	0.52	-0.52	0.52


MS Directional
 Survey Report


Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #215H
Project:	Eddy County, New Mexico (NAD 27)	TVD Reference:	WELL @ 3259.50usft (Patterson 295)
Site:	Boros Fed Com	MD Reference:	WELL @ 3259.50usft (Patterson 295)
Well:	Boros Fed Com #215H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 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)	
1,703.00	0.20	338.60	1,702.85	7.76	-15.22	-7.88	0.40	-0.38	18.43	
1,889.00	0.80	290.60	1,888.84	8.52	-16.56	-8.65	0.37	0.32	-25.81	
2,079.00	0.80	282.30	2,078.83	9.27	-19.09	-9.42	0.06	0.00	-4.37	
2,266.00	1.00	256.00	2,265.80	9.15	-21.95	-9.32	0.24	0.11	-14.06	
2,456.00	2.10	274.70	2,455.73	9.04	-27.03	-9.25	0.63	0.58	9.84	
2,645.00	0.20	264.40	2,644.69	9.29	-30.81	-9.53	1.01	-1.01	-5.45	
2,835.00	0.70	138.20	2,834.68	8.39	-30.37	-8.63	0.44	0.26	-66.42	
3,025.00	0.50	142.10	3,024.67	6.87	-29.09	-7.10	0.11	-0.11	2.05	
3,214.00	1.00	183.20	3,213.66	4.58	-28.67	-4.80	0.37	0.26	21.75	
3,403.00	1.20	179.20	3,402.62	0.95	-28.74	-1.17	0.11	0.11	-2.12	
3,594.00	2.90	113.60	3,593.51	-2.98	-24.28	2.80	1.38	0.89	-34.35	
3,783.00	4.20	95.30	3,782.15	-5.54	-13.01	5.44	0.90	0.69	-9.68	
3,973.00	3.90	46.30	3,971.73	-1.72	-1.40	1.70	1.77	-0.16	-25.79	
4,162.00	7.20	23.10	4,159.84	13.63	7.89	-13.56	2.08	1.75	-12.28	
4,352.00	7.30	21.80	4,348.32	35.79	17.05	-35.65	0.10	0.05	-0.68	
4,540.00	6.60	41.30	4,534.96	55.00	28.62	-54.77	1.30	-0.37	10.37	
4,728.00	6.40	43.40	4,721.76	70.72	42.95	-70.39	0.17	-0.11	1.12	
4,918.00	6.60	47.80	4,910.54	85.75	58.31	-85.30	0.28	0.11	2.32	
5,108.00	5.20	49.20	5,099.52	98.71	72.92	-98.15	0.74	-0.74	0.74	
5,297.00	4.70	44.10	5,287.82	109.87	84.79	-109.22	0.35	-0.26	-2.70	
5,486.00	3.70	47.00	5,476.31	119.59	94.64	-118.86	0.54	-0.53	1.53	
5,675.00	3.90	42.70	5,664.89	128.47	103.46	-127.68	0.18	0.11	-2.28	
5,862.00	2.40	63.90	5,851.61	134.87	111.29	-134.01	1.00	-0.80	11.34	
6,051.00	2.30	64.30	6,040.45	138.26	118.26	-137.34	0.05	-0.05	0.21	
6,239.00	4.00	47.10	6,228.17	144.36	126.46	-143.38	1.02	0.90	-9.15	
6,428.00	3.20	47.50	6,416.79	152.41	135.18	-151.37	0.42	-0.42	0.21	
6,618.00	6.10	42.70	6,606.15	163.41	145.94	-162.29	1.54	1.53	-2.53	
6,804.00	5.80	45.00	6,791.15	177.32	159.29	-176.09	0.21	-0.16	1.24	
6,992.00	5.20	42.00	6,978.28	190.37	171.71	-189.04	0.35	-0.32	-1.60	
7,181.00	4.70	44.00	7,166.57	202.30	182.82	-200.89	0.28	-0.26	1.06	
7,371.00	4.40	48.80	7,355.98	212.70	193.71	-211.21	0.26	-0.16	2.53	
7,561.00	4.00	50.50	7,545.47	221.72	204.30	-220.14	0.22	-0.21	0.89	
7,750.00	5.60	47.10	7,733.80	232.19	216.15	-230.52	0.86	0.85	-1.80	
7,939.00	7.00	50.00	7,921.65	245.87	231.72	-244.09	0.76	0.74	1.53	
8,129.00	4.80	51.00	8,110.63	258.32	246.77	-256.42	1.16	-1.16	0.53	
8,318.00	2.90	42.50	8,299.20	266.82	256.15	-264.85	1.05	-1.01	-4.50	
8,507.00	3.70	41.00	8,487.88	274.95	263.38	-272.92	0.43	0.42	-0.79	
8,697.00	3.10	66.00	8,677.56	281.66	272.10	-279.57	0.83	-0.32	13.16	
8,886.00	5.40	45.90	8,866.04	289.93	283.15	-287.75	1.43	1.22	-10.63	
9,075.00	4.60	64.10	9,054.33	299.43	296.36	-297.15	0.93	-0.42	9.63	
9,264.00	3.60	64.40	9,242.84	305.31	308.53	-302.93	0.53	-0.53	0.16	
9,454.00	3.60	68.70	9,432.47	310.05	319.46	-307.59	0.14	0.00	2.26	
9,643.00	2.40	70.20	9,621.21	313.55	328.72	-311.02	0.64	-0.63	0.79	
9,832.00	5.00	47.80	9,809.80	320.42	338.54	-317.81	1.55	1.38	-11.85	



MS Directional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #215H
Project:	Eddy County, New Mexico (NAD 27)	TVD Reference:	WELL @ 3259.50usft (Patterson 295)
Site:	Boros Fed Com	MD Reference:	WELL @ 3259.50usft (Patterson 295)
Well:	Boros Fed Com #215H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 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)
10,021.00	3.00	40.80	9,998.33	329.70	347.88	-327.02	1.09	-1.06	-3.70
10,211.00	6.20	53.60	10,187.70	339.56	359.39	-336.79	1.76	1.68	6.74
10,399.00	4.40	69.70	10,374.90	348.08	374.32	-345.20	1.23	-0.96	8.56
10,587.00	1.80	81.70	10,562.61	351.01	384.01	-348.05	1.42	-1.38	6.38
10,786.00	0.80	61.50	10,761.56	352.13	388.33	-349.13	0.55	-0.50	-10.15
10,885.00	0.90	30.40	10,860.55	353.13	389.33	-350.13	0.47	0.10	-31.41
10,979.00	1.20	351.80	10,954.53	354.74	389.56	-351.74	0.80	0.32	-41.06
11,074.00	0.50	304.60	11,049.52	355.96	389.08	-352.96	0.98	-0.74	-49.68
11,168.00	0.30	237.90	11,143.52	356.06	388.53	-353.07	0.50	-0.21	-70.96
11,262.00	9.60	179.90	11,237.07	348.07	388.34	-345.08	10.05	9.89	-61.70
11,357.00	21.30	174.80	11,328.49	322.88	389.92	-319.87	12.39	12.32	-5.37
11,451.00	30.80	168.90	11,412.85	282.16	396.11	-279.11	10.46	10.11	-6.28
11,546.00	39.20	168.10	11,490.60	228.82	407.01	-225.69	8.86	8.84	-0.84
11,640.00	46.00	168.70	11,559.76	166.53	419.77	-163.30	7.25	7.23	0.64
11,734.00	52.60	170.20	11,621.02	96.50	432.77	-93.18	7.12	7.02	1.60
11,763.65	53.95	171.42	11,638.75	73.04	436.56	-69.69	5.61	4.54	4.11
Enter 330' HL-11763.65' MD									
11,830.00	57.00	174.00	11,676.36	18.83	443.47	-15.43	5.61	4.60	3.89
11,924.00	63.40	175.30	11,723.05	-62.34	451.04	65.80	6.91	6.81	1.38
12,017.00	67.90	176.10	11,761.39	-146.81	457.39	150.31	4.90	4.84	0.86
12,112.00	81.10	176.80	11,786.72	-237.97	463.02	241.52	13.91	13.89	0.74
12,206.00	87.30	177.50	11,796.22	-331.33	467.67	334.91	6.64	6.60	0.74
12,301.00	86.80	177.40	11,801.10	-426.11	471.89	429.72	0.54	-0.53	-0.11
12,395.00	85.70	178.00	11,807.25	-519.83	475.65	523.47	1.33	-1.17	0.64
12,490.00	88.50	178.70	11,812.06	-614.66	478.38	618.32	3.04	2.95	0.74
12,584.00	87.90	178.40	11,815.01	-708.58	480.76	712.26	0.71	-0.64	-0.32
12,678.00	87.30	179.10	11,818.95	-802.48	482.81	806.16	0.98	-0.64	0.74
12,773.00	90.50	179.20	11,820.77	-897.44	484.22	901.13	3.37	3.37	0.11
12,867.00	91.70	180.60	11,818.97	-991.42	484.38	995.11	1.96	1.28	1.49
12,961.00	92.20	180.90	11,815.77	-1,085.35	483.15	1,089.03	0.62	0.53	0.32
13,056.00	90.90	180.60	11,813.20	-1,180.31	481.91	1,183.97	1.40	-1.37	-0.32
13,151.00	89.80	180.50	11,812.62	-1,275.30	481.00	1,278.96	1.16	-1.16	-0.11
13,245.00	88.50	177.30	11,814.01	-1,369.26	482.80	1,372.93	3.67	-1.38	-3.40
13,338.00	90.00	176.70	11,815.23	-1,462.12	487.67	1,465.82	1.74	1.61	-0.65
13,432.00	89.70	176.20	11,815.48	-1,555.94	493.49	1,559.68	0.62	-0.32	-0.53
13,526.00	87.30	175.10	11,817.94	-1,649.63	500.62	1,653.42	2.81	-2.55	-1.17
13,620.00	90.00	177.60	11,820.15	-1,743.40	506.60	1,747.23	3.91	2.87	2.66
13,714.00	90.80	177.00	11,819.49	-1,837.29	511.02	1,841.16	1.06	0.85	-0.64
13,808.00	91.60	179.20	11,817.53	-1,931.21	514.14	1,935.10	2.49	0.85	2.34
13,903.00	91.60	179.10	11,814.87	-2,026.16	515.55	2,030.06	0.11	0.00	-0.11
13,998.00	91.50	180.00	11,812.30	-2,121.12	516.29	2,125.03	0.95	-0.11	0.95
14,092.00	92.20	181.20	11,809.27	-2,215.07	515.31	2,218.96	1.48	0.74	1.28
14,187.00	93.00	182.80	11,804.96	-2,309.91	512.00	2,313.77	1.88	0.84	1.68



MS Directional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #215H
Project:	Eddy County, New Mexico (NAD 27)	TVD Reference:	WELL @ 3259.50usft (Patterson 295)
Site:	Boros Fed Com	MD Reference:	WELL @ 3259.50usft (Patterson 295)
Well:	Boros Fed Com #215H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 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)	
14,281.00	89.00	181.30	11,803.32	-2,403.81	508.64	2,407.65	4.54	-4.26	-1.60	
14,375.00	89.40	180.60	11,804.63	-2,497.79	507.08	2,501.61	0.86	0.43	-0.74	
14,469.00	88.70	180.20	11,806.19	-2,591.77	506.42	2,595.58	0.86	-0.74	-0.43	
14,564.00	91.80	179.20	11,805.78	-2,686.76	506.92	2,690.57	3.43	3.26	-1.05	
14,658.00	92.20	178.20	11,802.49	-2,780.67	509.05	2,784.50	1.15	0.43	-1.06	
14,753.00	92.10	178.70	11,798.93	-2,875.57	511.62	2,879.42	0.54	-0.11	0.53	
14,848.00	90.90	178.40	11,796.44	-2,970.51	514.02	2,974.37	1.30	-1.26	-0.32	
14,943.00	92.10	180.60	11,793.96	-3,065.46	514.85	3,069.33	2.64	1.26	2.32	
15,038.00	92.50	181.40	11,790.14	-3,160.37	513.20	3,164.22	0.94	0.42	0.84	
15,133.00	94.10	182.50	11,784.68	-3,255.15	509.97	3,258.97	2.04	1.68	1.16	
15,228.00	90.80	181.40	11,780.61	-3,350.00	506.74	3,353.79	3.66	-3.47	-1.16	
15,323.00	93.60	184.80	11,776.97	-3,444.77	501.61	3,448.52	4.63	2.95	3.58	
15,418.00	89.10	180.60	11,774.73	-3,539.59	497.14	3,543.30	6.48	-4.74	-4.42	
15,513.00	92.50	181.70	11,773.40	-3,634.55	495.24	3,638.24	3.76	3.58	1.16	
15,607.00	90.50	177.80	11,770.94	-3,728.49	495.65	3,732.19	4.66	-2.13	-4.15	
15,701.00	90.20	177.70	11,770.37	-3,822.41	499.34	3,826.14	0.34	-0.32	-0.11	
15,795.00	89.40	178.50	11,770.70	-3,916.36	502.46	3,920.10	1.20	-0.85	0.85	
15,889.00	88.90	177.60	11,772.09	-4,010.29	505.65	4,014.06	1.10	-0.53	-0.96	
15,983.00	89.70	177.10	11,773.24	-4,104.19	510.00	4,107.98	1.00	0.85	-0.53	
16,078.00	90.30	176.70	11,773.24	-4,199.05	515.14	4,202.88	0.76	0.63	-0.42	
16,100.00	90.30	176.00	11,773.12	-4,221.00	516.54	4,224.84	3.18	0.00	-3.18	
16,195.00	92.50	179.10	11,770.80	-4,315.87	520.60	4,319.74	4.00	2.32	3.26	
16,289.00	93.20	179.20	11,766.13	-4,409.74	521.99	4,413.62	0.75	0.74	0.11	
16,383.00	94.10	180.00	11,760.14	-4,503.55	522.65	4,507.43	1.28	0.96	0.85	
16,478.00	87.00	179.60	11,759.23	-4,598.48	522.98	4,602.36	7.49	-7.47	-0.42	
16,573.00	89.10	180.60	11,762.46	-4,693.42	522.81	4,697.30	2.45	2.21	1.05	
16,667.00	90.70	180.70	11,762.63	-4,787.41	521.75	4,791.28	1.71	1.70	0.11	
16,761.00	89.80	179.60	11,762.22	-4,881.41	521.50	4,885.27	1.51	-0.96	-1.17	
16,855.00	89.40	176.30	11,762.87	-4,975.33	524.86	4,979.21	3.54	-0.43	-3.51	
16,949.00	90.10	179.30	11,763.28	-5,069.25	528.47	5,073.16	3.28	0.74	3.19	
17,043.00	90.10	178.40	11,763.12	-5,163.23	530.36	5,167.15	0.96	0.00	-0.96	
17,137.00	92.40	185.00	11,761.07	-5,257.11	527.57	5,261.00	7.43	2.45	7.02	
17,231.00	93.20	185.70	11,756.48	-5,350.59	518.82	5,354.41	1.13	0.85	0.74	
17,325.00	90.40	182.60	11,753.52	-5,444.27	512.02	5,448.04	4.44	-2.98	-3.30	
17,420.00	90.90	183.60	11,752.45	-5,539.13	506.89	5,542.85	1.18	0.53	1.05	
17,515.00	89.30	179.90	11,752.28	-5,634.06	503.99	5,637.77	4.24	-1.68	-3.89	
17,609.00	88.80	179.90	11,753.84	-5,728.05	504.15	5,731.75	0.53	-0.53	0.00	
17,704.00	88.40	181.10	11,756.16	-5,823.01	503.32	5,826.71	1.33	-0.42	1.26	
17,798.00	91.00	178.80	11,756.65	-5,917.00	503.40	5,920.69	3.69	2.77	-2.45	
17,894.00	92.00	179.20	11,754.14	-6,012.95	505.08	6,016.65	1.12	1.04	0.42	
17,989.00	90.70	177.80	11,751.90	-6,107.89	507.56	6,111.60	2.01	-1.37	-1.47	
18,083.00	91.00	177.60	11,750.51	-6,201.80	511.34	6,205.54	0.38	0.32	-0.21	
18,177.00	89.20	175.40	11,750.34	-6,295.61	517.07	6,299.40	3.02	-1.91	-2.34	
18,271.00	87.00	172.60	11,753.46	-6,389.03	526.89	6,392.89	3.79	-2.34	-2.98	



MS Directional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #215H
Project:	Eddy County, New Mexico (NAD 27)	TVD Reference:	WELL @ 3259.50usft (Patterson 295)
Site:	Boros Fed Com	MD Reference:	WELL @ 3259.50usft (Patterson 295)
Well:	Boros Fed Com #215H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 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)
18,365.00	87.50	174.50	11,757.97	-6,482.33	537.44	6,486.26	2.09	0.53	2.02
18,459.00	88.40	176.80	11,761.33	-6,575.99	544.56	6,579.98	2.63	0.96	2.45
18,553.00	92.40	179.90	11,760.68	-6,669.92	547.27	6,673.92	5.38	4.26	3.30
18,647.00	91.60	178.80	11,757.40	-6,763.85	548.33	6,767.86	1.45	-0.85	-1.17
18,740.00	91.10	178.40	11,755.20	-6,856.80	550.61	6,860.82	0.69	-0.54	-0.43
18,835.00	91.60	178.00	11,752.97	-6,951.72	553.59	6,955.77	0.67	0.53	-0.42
18,929.00	89.70	179.00	11,751.90	-7,045.68	556.05	7,049.74	2.28	-2.02	1.06
19,023.00	89.00	182.00	11,752.97	-7,139.66	555.23	7,143.71	3.28	-0.74	3.19
19,116.00	87.30	182.40	11,755.97	-7,232.54	551.66	7,236.56	1.88	-1.83	0.43
19,211.00	88.20	179.90	11,759.70	-7,327.44	549.76	7,331.44	2.79	0.95	-2.63
19,305.00	91.80	180.70	11,759.70	-7,421.42	549.26	7,425.42	3.92	3.83	0.85
19,399.00	93.10	179.90	11,755.68	-7,515.33	548.77	7,519.32	1.62	1.38	-0.85
19,494.00	93.10	179.10	11,750.54	-7,610.19	549.60	7,614.18	0.84	0.00	-0.84
19,588.00	92.00	178.80	11,746.36	-7,704.08	551.32	7,708.08	1.21	-1.17	-0.32
19,681.00	90.40	176.90	11,744.41	-7,796.98	554.81	7,801.01	2.67	-1.72	-2.04
19,776.00	90.80	179.30	11,743.42	-7,891.92	557.96	7,895.97	2.56	0.42	2.53
19,870.00	90.40	179.20	11,742.43	-7,985.90	559.19	7,989.96	0.44	-0.43	-0.11
19,965.00	91.70	179.70	11,740.69	-8,080.88	560.10	8,084.94	1.47	1.37	0.53
20,061.00	90.60	179.50	11,738.77	-8,176.86	560.77	8,180.92	1.16	-1.15	-0.21
20,156.00	89.10	179.90	11,739.01	-8,271.85	561.27	8,275.92	1.63	-1.58	0.42
20,250.00	89.60	179.00	11,740.08	-8,365.84	562.17	8,369.91	1.10	0.53	-0.96
20,344.00	90.70	179.90	11,739.84	-8,459.84	563.07	8,463.91	1.51	1.17	0.96
20,438.00	90.80	179.90	11,738.60	-8,553.83	563.24	8,557.90	0.11	0.11	0.00
20,533.00	90.80	178.90	11,737.28	-8,648.81	564.23	8,652.89	1.05	0.00	-1.05
20,627.00	91.20	178.80	11,735.64	-8,742.78	566.12	8,746.87	0.44	0.43	-0.11
20,722.00	90.60	179.70	11,734.15	-8,837.76	567.36	8,841.85	1.14	-0.63	0.95
20,817.00	91.00	178.80	11,732.82	-8,932.74	568.61	8,936.84	1.04	0.42	-0.95
20,911.00	90.00	180.00	11,732.00	-9,026.73	569.59	9,030.83	1.66	-1.06	1.28
21,006.00	90.50	180.30	11,731.58	-9,121.72	569.34	9,125.83	0.61	0.53	0.32
21,100.00	90.40	180.20	11,730.85	-9,215.72	568.93	9,219.82	0.15	-0.11	-0.11
21,194.00	90.30	179.20	11,730.27	-9,309.72	569.42	9,313.82	1.07	-0.11	-1.06
21,288.00	90.30	178.10	11,729.78	-9,403.69	571.64	9,407.80	1.17	0.00	-1.17
21,382.00	90.60	182.90	11,729.04	-9,497.65	570.82	9,501.76	5.12	0.32	5.11
21,476.00	90.50	183.80	11,728.14	-9,591.49	565.32	9,595.55	0.96	-0.11	0.96
21,570.00	90.10	183.90	11,727.65	-9,685.27	559.01	9,689.28	0.44	-0.43	0.11
21,664.00	91.60	185.60	11,726.25	-9,778.94	551.23	9,782.88	2.41	1.60	1.81
21,758.00	90.40	182.60	11,724.61	-9,872.67	544.51	9,876.56	3.44	-1.28	-3.19
21,814.04	91.30	182.60	11,723.78	-9,928.64	541.97	9,932.51	1.61	1.61	0.00
Exit 330' HL-21814.04' MD									
21,845.00	91.80	182.60	11,722.94	-9,959.56	540.57	9,963.42	1.61	1.61	0.00
21,902.00	91.80	182.60	11,721.15	-10,016.47	537.98	10,020.31	0.00	0.00	0.00
Projection to TD-21902.00' MD									



MS Directional Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well Boros Fed Com #215H
Project:	Eddy County, New Mexico (NAD 27)	TVD Reference:	WELL @ 3259.50usft (Patterson 295)
Site:	Boros Fed Com	MD Reference:	WELL @ 3259.50usft (Patterson 295)
Well:	Boros Fed Com #215H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Conroe DB

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,763.65	11,638.75	73.04	436.56	Enter 330' HL-11763.65' MD
21,814.04	11,723.78	-9,928.64	541.97	Exit 330' HL-21814.04' MD
21,902.00	11,721.15	-10,016.47	537.98	Projection to TD-21902.00' MD

Checked By: _____ Approved By: _____ Date: _____

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No.
NMNM138865

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____						6. If Indian, Allottee or Tribe Name	
						7. Unit or CA Agreement Name and No.	
2. Name of Operator Contact: NICKY FITZGERALD MATADOR PRODUCTION COMPANY E-Mail: nicky.fitzgerald@matadorresources.com						8. Lease Name and Well No. BOROS FEDERAL COM 215H	
3. Address 5400 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75240				3a. Phone No. (include area code) Ph: 972-371-5448		9. API Well No. 30-015-46748	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 15 T26S R31E Mer At surface 400FNL 514FWL Sec 15 T26S R31E Mer At top prod interval reported below 373FNL 956FWL Sec 22 T26S R31E Mer At total depth 242FSL 974FWL						10. Field and Pool, or Exploratory PURPLE SAGE;WOLFCAMP(GAS)	
						11. Sec., T., R., M., or Block and Survey or Area Sec 15 T26S R31E Mer	
						12. County or Parish EDDY	
						13. State NM	
14. Date Spudded 03/30/2020		15. Date T.D. Reached 05/06/2020		16. Date Completed ☐ D & A ☒ Ready to Prod. 09/17/2020		17. Elevations (DF, KB, RT, GL)* 3232 GL	
18. Total Depth:		MD 21902 TVD 11721		19. Plug Back T.D.: MD 21807 TVD 11723		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) ATTACHED					22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)		

[illegible][illegible]

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11815	21790	11815 TO 21790		59	
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
11815 TO 21790	29,375,130.25 LBS TOTAL PROPANT

Date First Produced 09/17/2020	Test Date 09/21/2020	Hours Tested 24	Test Production 	Oil BBL 2750.0	Gas MCF 11100.0	Water BBL 7119.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size 46/64	Tbg. Press. Flwg. SI	Csg. Press. 3600.0	24 Hr. Rate 	Oil BBL 2750	Gas MCF 11100	Water BBL 7119	Gas:Oil Ratio	Well Status PGW	

Date First Produced	Test Date	Hours Tested	Test Production 	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate 	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

Released to Imaging: 8/3/2021 11:57:30 AM

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
CAPTURED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
DELAWARE	4098	8093	OIL & GAS	TOP SALT	1490
FIRST BONE SPRING	9054	9485	OIL & GAS	BASE SALT	4061
SECOND BONE SPRING	9793	10240	OIL & GAS	DELAWARE SAND	4098
THIRD BONE SPRING	10978	11549	OIL & GAS	BONE SPRING	8093
				WOLFCAMP	11549

32. Additional remarks (include plugging procedure):

As-Completed C-102, Certified Directional Surveys and logs attached.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #536656 Verified by the BLM Well Information System.
For MATADOR PRODUCTION COMPANY, sent to the Carlsbad**

Name (please print) NICKY FITZGERALD

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 11/05/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 29050

ACKNOWLEDGMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 29050
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☐	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☐	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 29050

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 29050
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/3/2021