



PHOENIX
TECHNOLOGY SERVICES

November 29, 2018

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210

RECEIVED

FEB 04 2019

Dear District 2 - Artesia

DISTRICT II-ARTESIA O.C.D.

Re: Matador Resources
David Edelstein State Com 12-24S-27E RB 223H
Eddy County, New Mexico
API #30-015-45143
Job No. 63722

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Chris Marks	223H	15,392	20,361	11/18/18	11/26/18	MWD

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Brittany Carley

Brittany Carley
Operations Administrator

SURVEY DATA CERTIFICATION



PHOENIX
TECHNOLOGY SERVICES

Job #: 63722
 Client: Matador Resources
 County & State: Eddy County, NM
 Well: David Edelstein State Com #223H
 API No: 30-015-45143
 Proposed Direction: 269.03

TIE-IN DATA

MD	TVD	INC	AZM	N/-S	E/-W	DATA SOURCE
15295.00 ft	10117.55 ft	88.77	264.90	-226.13	-4983.61	MWD Survey
Data Source Company:						Phoenix

SURVEY DATA

First Survey Date	First Survey Depth	INC	AZM
18-Nov-18	15,392 ft	91.04°	268.93°

Last Survey Date	Last Survey Depth	INC	AZM
26-Nov-18	20,361 ft	89.16°	264.45°

Survey Instrument Type

Phoenix P-360 MWD

Projected TD Survey Date	Projected TD Survey Depth	INC	AZM
26-Nov-18	20,424 ft	89.16°	264.45°

CORRECTION INFORMATION

Magnetic Declination Used	7.22 degrees
Grid Convergence Used	0.11 degrees
Total Correction	7.11 degrees

Corrected to True/Grid North

Grid North

TO THE BEST OF MY KNOWLEDGE, I
 CERTIFY THIS SURVEY DATA TO BE TRUE
 AND CORRECT.

Chris Marks 11/26/2018
 Field Engineer Signature Date

Well Planner/Supervisor Date



PHOENIX
TECHNOLOGY SERVICES

Matador Resources

**Eddy County, NM (NAD27 NME)
David Edelstein State Com 12-24S-27E RB
223H**

ST01

Survey: Phoenix MWD Surveys

Standard Survey Report

27 November, 2018





Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well 223H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB=29' @ 3117.50usft (Patterson 297)
Site:	David Edelstein State Com 12-24S-27E RB	MD Reference:	KB=29' @ 3117.50usft (Patterson 297)
Well:	223H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 297)	Database:	USA Compass

Project	Eddy County, NM (NAD27 NME)		
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	David Edelstein State Com 12-24S-27E RB				
Site Position:		Northing:	447,660.00 usft	Latitude:	32° 13' 50.08972 N
From:	Map	Easting:	560,995.00 usft	Longitude:	104° 8' 9.87662 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.11 °

Well	223H					
Well Position	+N/-S	0.00 usft	Northing:	447,660.00 usft	Latitude:	32° 13' 50.08972 N
	+E/-W	0.00 usft	Easting:	560,995.00 usft	Longitude:	104° 8' 9.87662 W
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,089.00 usft	

Wellbore	ST01				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	10/31/2018	7.22	59.99	47,944.64853237

Design	Surveys (Patterson 297)				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	15,295.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	269.03	

Survey Program	Date	11/27/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
135.00	15,295.00	Phoenix MWD Surveys (OH / 63722)	MWD+HDGM	OWSG Rev.2 MWD + HDGM
15,392.00	20,424.00	Phoenix MWD Surveys (ST01)	MWD+HDGM	OWSG Rev.2 MWD + HDGM

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)
15,295.00	88.77	264.90	10,117.55	-226.13	-4,983.61	4,986.72	0.00	0.00	0.00
Tie In - ST01									
15,392.00	91.04	268.93	10,117.71	-231.35	-5,080.44	5,083.63	4.77	2.34	4.15
First Phoenix MWD Survey - ST01									
15,483.00	96.98	274.28	10,111.34	-228.83	-5,171.11	5,174.24	8.77	6.53	5.88
15,578.00	88.24	270.90	10,107.02	-224.55	-5,265.81	5,268.85	9.86	-9.20	-3.56
15,673.00	89.05	269.23	10,109.26	-224.45	-5,360.78	5,363.81	1.95	0.85	-1.76
15,767.00	91.46	270.40	10,108.85	-224.75	-5,454.77	5,457.79	2.85	2.56	1.24
15,861.00	92.49	271.67	10,105.61	-223.05	-5,548.69	5,551.67	1.74	1.10	1.35



Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well 223H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB=29' @ 3117.50usft (Patterson 297)
Site:	David Edelstein State Com 12-24S-27E RB	MD Reference:	KB=29' @ 3117.50usft (Patterson 297)
Well:	223H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 297)	Database:	USA Compass

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)
15,956.00	91.23	270.05	10,102.52	-221.63	-5,643.63	5,646.57	2.16	-1.33	-1.71
16,050.00	90.31	267.31	10,101.26	-223.79	-5,737.58	5,740.55	3.07	-0.98	-2.91
16,145.00	88.77	263.10	10,102.02	-231.73	-5,832.22	5,835.31	4.72	-1.62	-4.43
16,240.00	90.78	266.30	10,102.40	-240.51	-5,926.80	5,930.02	3.98	2.12	3.37
16,335.00	91.06	268.27	10,100.87	-245.01	-6,021.67	6,024.96	2.09	0.29	2.07
16,429.00	93.14	269.71	10,097.43	-246.66	-6,115.59	6,118.89	2.69	2.21	1.53
16,523.00	86.56	264.23	10,097.67	-251.63	-6,209.37	6,212.74	9.11	-7.00	-5.83
16,618.00	87.17	264.25	10,102.87	-261.15	-6,303.75	6,307.27	0.64	0.64	0.02
16,712.00	86.55	264.50	10,108.02	-270.35	-6,397.15	6,400.81	0.71	-0.66	0.27
16,808.00	90.06	266.09	10,110.86	-278.21	-6,492.77	6,496.55	4.01	3.66	1.66
16,902.00	92.94	268.57	10,108.39	-282.59	-6,586.62	6,590.46	4.04	3.06	2.64
16,997.00	88.66	268.19	10,107.07	-285.28	-6,681.55	6,685.42	4.52	-4.51	-0.40
17,092.00	89.30	269.07	10,108.76	-287.55	-6,776.51	6,780.40	1.15	0.67	0.93
17,187.00	91.15	269.69	10,108.39	-288.58	-6,871.50	6,875.40	2.05	1.95	0.65
17,281.00	89.38	267.58	10,107.95	-290.81	-6,965.46	6,969.38	2.93	-1.88	-2.24
17,377.00	91.59	270.72	10,107.14	-292.24	-7,061.43	7,065.36	4.00	2.30	3.27
17,472.00	90.67	268.42	10,105.27	-292.95	-7,156.40	7,160.33	2.61	-0.97	-2.42
17,567.00	92.21	269.54	10,102.88	-294.64	-7,251.35	7,255.30	2.00	1.62	1.18
17,663.00	86.98	269.47	10,103.56	-295.47	-7,347.31	7,351.26	5.45	-5.45	-0.07
17,758.00	84.31	266.73	10,110.77	-298.61	-7,441.97	7,445.95	4.02	-2.81	-2.88
17,852.00	84.82	266.09	10,119.67	-304.47	-7,535.36	7,539.43	0.87	0.54	-0.68
17,946.00	86.24	267.44	10,127.00	-309.75	-7,628.92	7,633.07	2.08	1.51	1.44
18,041.00	90.06	269.10	10,130.07	-312.62	-7,723.81	7,727.99	4.38	4.02	1.75
18,135.00	91.26	271.54	10,128.98	-312.09	-7,817.79	7,821.95	2.89	1.28	2.60
18,230.00	90.20	271.81	10,127.77	-309.32	-7,912.74	7,916.84	1.15	-1.12	0.28
18,325.00	90.84	271.87	10,126.91	-306.27	-8,007.69	8,011.72	0.68	0.67	0.06
18,420.00	89.22	271.76	10,126.86	-303.26	-8,102.64	8,106.61	1.71	-1.71	-0.12
18,515.00	91.85	273.01	10,125.97	-299.31	-8,197.54	8,201.43	3.07	2.77	1.32
18,609.00	90.39	274.98	10,124.14	-292.76	-8,291.28	8,295.05	2.61	-1.55	2.10
18,704.00	91.32	277.27	10,122.72	-282.62	-8,385.72	8,389.31	2.60	0.98	2.41
18,799.00	91.91	276.63	10,120.04	-271.13	-8,479.99	8,483.36	0.92	0.62	-0.67
18,893.00	92.27	275.16	10,116.61	-261.49	-8,573.43	8,576.62	1.61	0.38	-1.56
18,988.00	90.22	271.98	10,114.55	-255.57	-8,668.20	8,671.29	3.98	-2.16	-3.35
19,082.00	90.67	268.80	10,113.82	-254.93	-8,762.19	8,765.25	3.42	0.48	-3.38
19,177.00	92.30	266.32	10,111.36	-258.98	-8,857.06	8,860.17	3.12	1.72	-2.61
19,271.00	91.18	264.17	10,108.50	-266.76	-8,950.68	8,953.92	2.58	-1.19	-2.29
19,366.00	86.80	262.39	10,110.18	-277.88	-9,044.99	9,048.40	4.98	-4.61	-1.87
19,460.00	90.90	262.58	10,112.06	-290.16	-9,138.14	9,141.75	4.37	4.36	0.20
19,555.00	93.84	262.41	10,108.13	-302.56	-9,232.24	9,236.04	3.10	3.09	-0.18
19,649.00	92.18	262.89	10,103.20	-314.57	-9,325.33	9,329.32	1.84	-1.77	0.51
19,744.00	91.09	263.73	10,100.49	-325.63	-9,419.65	9,423.81	1.45	-1.15	0.88
19,839.00	91.09	263.34	10,098.68	-336.33	-9,514.02	9,518.35	0.41	0.00	-0.41
19,933.00	89.52	262.94	10,098.18	-347.55	-9,607.35	9,611.85	1.72	-1.67	-0.43



Survey Report



Company:	Matador Resources	Local Co-ordinate Reference:	Well 223H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB=29' @ 3117.50usft (Patterson 297)
Site:	David Edelstein State Com 12-24S-27E RB	MD Reference:	KB=29' @ 3117.50usft (Patterson 297)
Well:	223H	North Reference:	Grid
Wellbore:	ST01	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Patterson 297)	Database:	USA Compass

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)
20,028.00	91.23	263.53	10,097.56	-358.74	-9,701.68	9,706.36	1.90	1.80	0.62
20,123.00	91.71	264.60	10,095.12	-368.56	-9,796.14	9,800.97	1.23	0.51	1.13
20,218.00	92.74	264.52	10,091.43	-377.56	-9,890.64	9,895.61	1.09	1.08	-0.08
20,313.00	90.42	264.44	10,088.81	-386.70	-9,985.15	9,990.27	2.44	-2.44	-0.08
20,350.01	89.45	264.45	10,088.86	-390.28	-10,021.99	10,027.16	2.63	-2.63	0.02
HL Crossing: 20350' MD									
20,361.00	89.16	264.45	10,088.99	-391.34	-10,032.93	10,038.12	2.63	-2.63	0.02
Final Phoenix MWD Survey - ST01									
20,424.00	89.16	264.45	10,089.91	-397.43	-10,095.63	10,100.91	0.00	0.00	0.00
Projection to TD - ST01									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
15,295.00	10,117.55	-226.13	-4,983.61	Tie In - ST01
15,392.00	10,117.71	-231.35	-5,080.44	First Phoenix MWD Survey - ST01
20,350.01	10,088.86	-390.28	-10,021.99	HL Crossing: 20350' MD
20,361.00	10,088.99	-391.34	-10,032.93	Final Phoenix MWD Survey - ST01
20,424.00	10,089.91	-397.43	-10,095.63	Projection to TD - ST01

RECEIVED

FORM C-102

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
DISTRICT II-ARTESIA O.C.D.
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name DAVID EDELSTEIN STATE COM 12-24S-27E RB	⁶ Well Number #223H
⁷ GRID No.	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3089'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	12	24-S	27-E	-	2076'	SOUTH	330'	EAST	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
L	11	24-S	27-E	-	1980'	SOUTH	240'	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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.

¹⁶ BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=550906 Y=447325 LAT.: N 32.2297065 LONG.: W 104.1687059 NAD 1983 X=592089 Y=447383 LAT.: N 32.2298265 LONG.: W 104.1692023 LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=550996 Y=447327 LAT.: N 32.2297119 LONG.: W 104.1684148 NAD 1983 X=592179 Y=447385 LAT.: N 32.2298320 LONG.: W 104.1689112 FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=560995 Y=447564 LAT.: N 32.2303177 LONG.: W 104.1360773 NAD 1983 X=602178 Y=447623 LAT.: N 32.2304383 LONG.: W 104.1365724 SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=560995 Y=447660 LAT.: N 32.2305816 LONG.: W 104.1360772 NAD 1983 X=602178 Y=447719 LAT.: N 32.2307021 LONG.: W 104.1365723				¹⁷ OPERATOR 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 _____ Date _____ Printed Name _____ E-mail Address _____	
¹⁸ SURVEYOR 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. 05/05/2018 MICHAEL B. BROWN NEW MEXICO 18329 PROFESSIONAL SURVEYOR Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number _____					

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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FEB 04 2019

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

DISTRICT II-ARTESIA O.C.D.

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name DAVID EDELSTEIN STATE COM 12-24S-27E RB			⁶ Well Number #223H
⁷ OGRID No.		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3089'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
I	12	24-S	27-E	-	2076'	SOUTH	330'	EAST	EDDY

¹¹Bottom Hole Location If Different From Surface

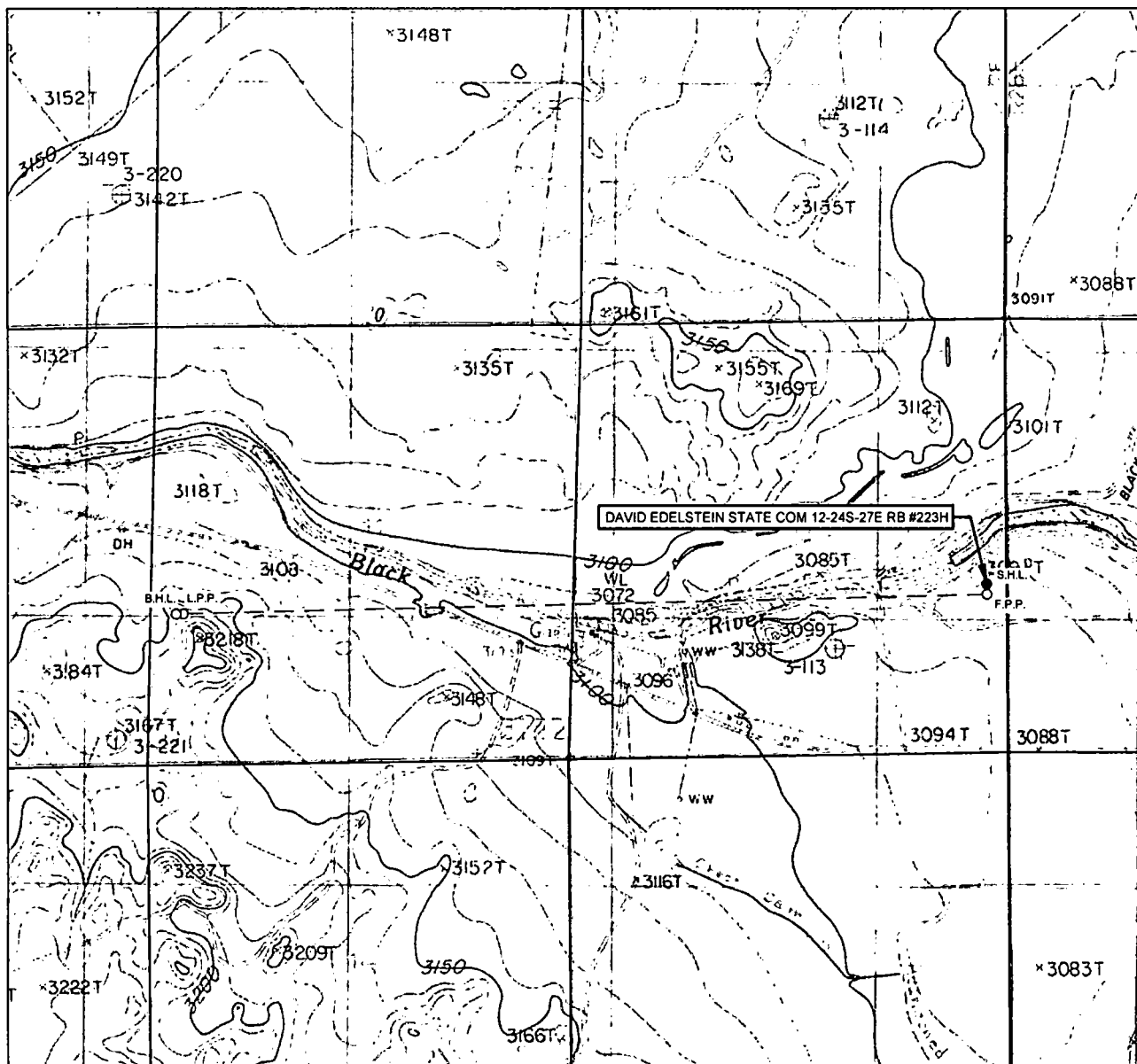
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	11	24-S	27-E	-	1980'	SOUTH	240'	WEST	EDDY

¹² Dedicated Acres 320	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.

BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=550906 Y=447325 LAT.: N 32.2297065 LONG.: W 104.1687059 NAD 1983 X=592089 Y=447383 LAT.: N 32.2298265 LONG.: W 104.1692023 LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=550996 Y=447327 LAT.: N 32.2297119 LONG.: W 104.1684148 NAD 1983 X=592179 Y=447385 LAT.: N 32.2298320 LONG.: W 104.1689112 FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=560995 Y=447564 LAT.: N 32.2303177 LONG.: W 104.1360773 NAD 1983 X=602178 Y=447623 LAT.: N 32.2304383 LONG.: W 104.1365724 SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=560995 Y=447660 LAT.: N 32.2305816 LONG.: W 104.1360772 NAD 1983 X=602178 Y=447719 LAT.: N 32.2307021 LONG.: W 104.1365723	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 _____ Date _____ Printed Name _____ E-mail Address _____ 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. 05/05/2018 MICHAEL BROWN NEW MEXICO 18329 PROFESSIONAL SURVEYOR Date of Survey _____ Signature and Seal of Professional Surveyor _____ Certificate Number _____
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LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO.: DAVID EDELSTEIN STATE COM 12-24S-27E RB #223H

SECTION 12 TWP 24-S RGE 27-E SURVEY N.M.P.M.
 COUNTY EDDY STATE NM ELEVATION 3089'
 DESCRIPTION 2076' FSL & 330' FEL

LATITUDE N 32.2307021 LONGITUDE W 104.1365723



SCALE: 1" = 2000'
 0' 1000' 2000'

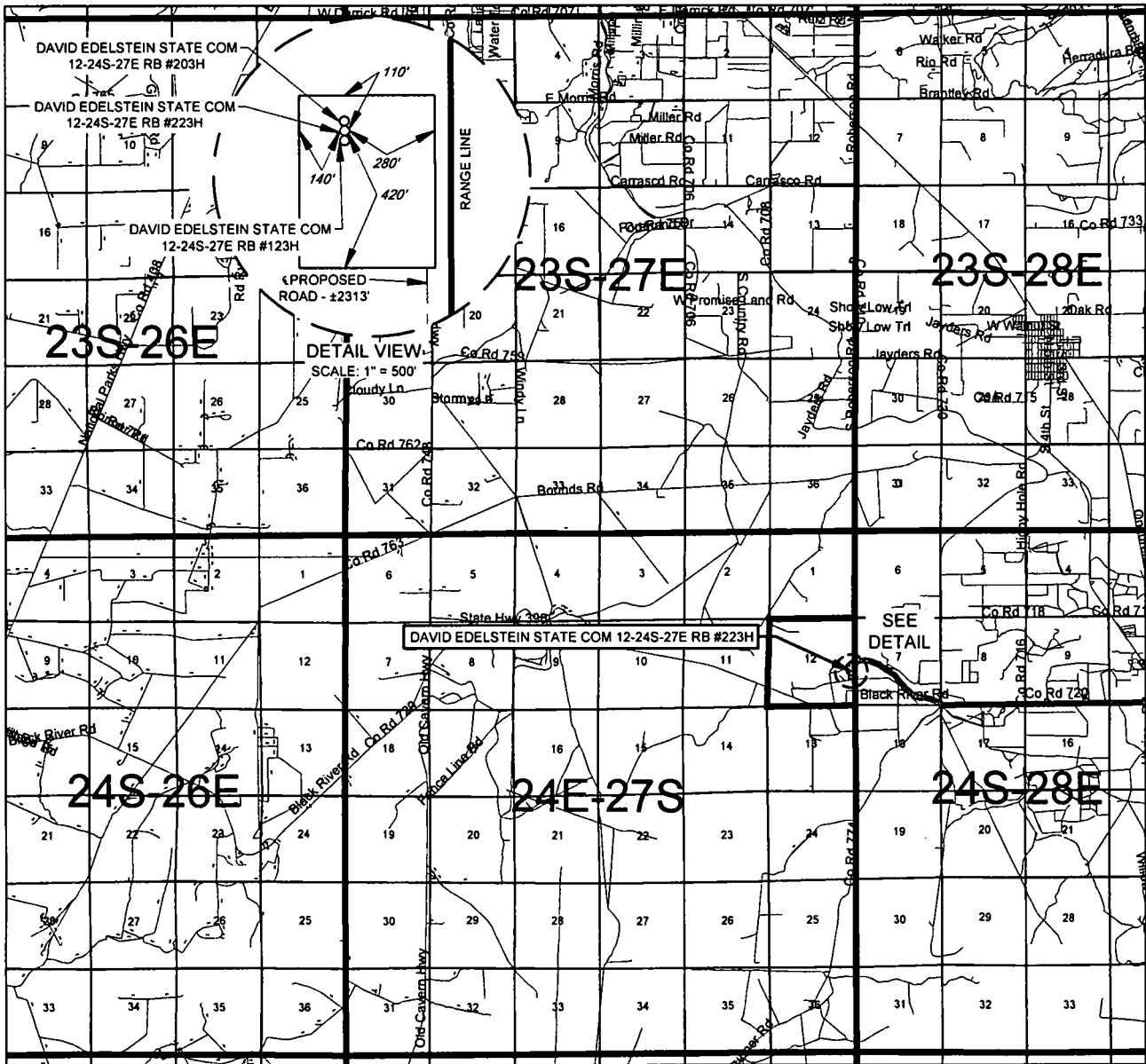
THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.



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
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VICINITY MAP



LEASE NAME & WELL NO.: DAVID EDELSTEIN STATE COM 12-24S-27E RB #223H

SECTION 12 TWP 24-S RGE 27-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM
DESCRIPTION 2076' FSL & 330' FEL

DISTANCE & DIRECTION

FROM INT. OF NM-285 & BLACK RIVER VILLAGE RD. GO WEST ON
BLACK RIVER VILLAGE RD. ±3.6 MILES, THENCE NORTH (RIGHT) ON
PROPOSED RD. ±2313 FEET TO A POINT ±491 FEET SOUTHEAST OF
THE LOCATION.

THIS EASEMENT/SERVITUDE 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.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.



SCALE: 1" = 10000'



0' 5000' 10000'



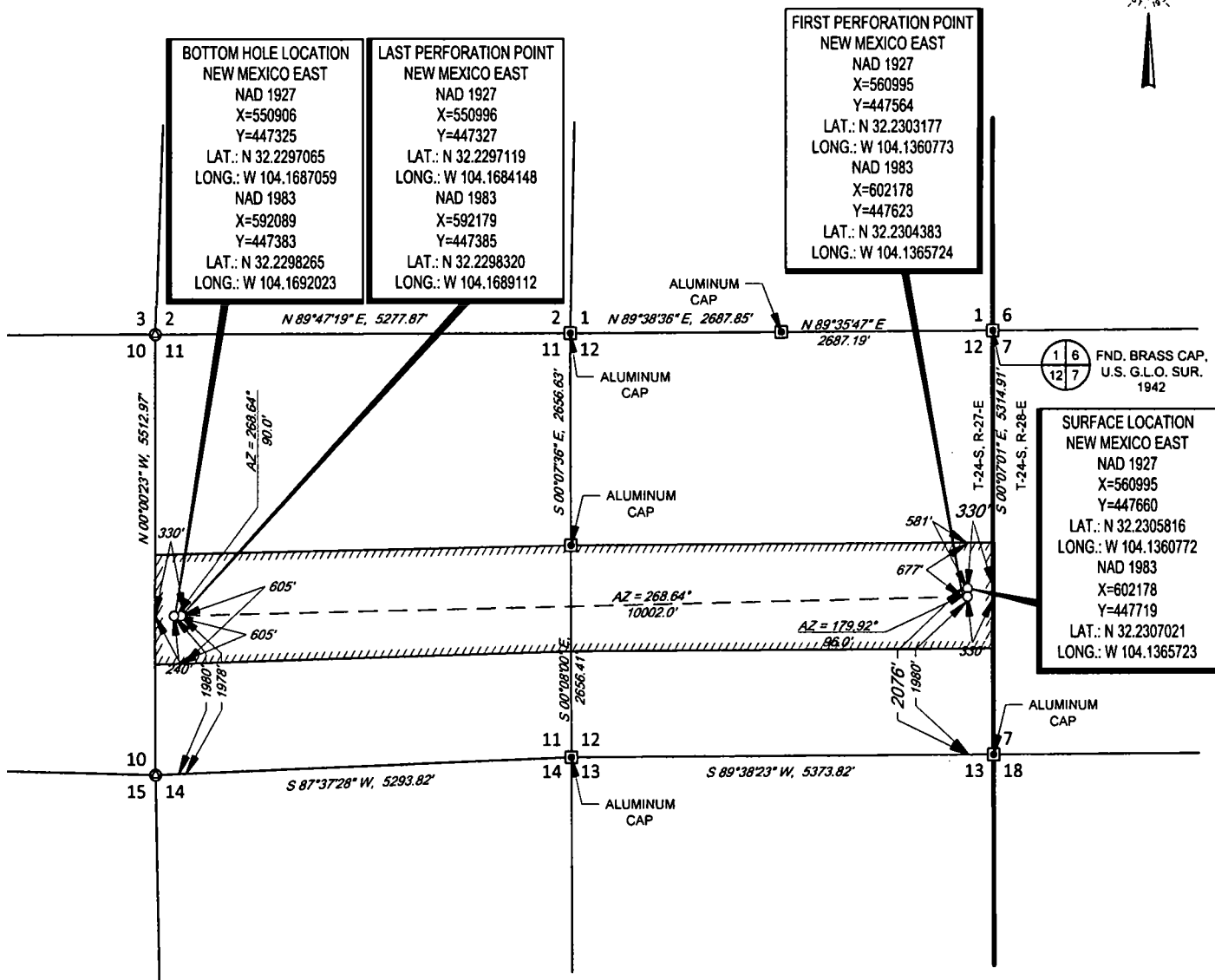
TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
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SCALE: 1" = 2000'
0' 1000' 2000'



SECTION 12, TOWNSHIP 24-S, RANGE 27-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



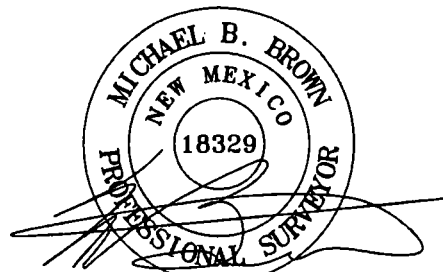
LEASE NAME & WELL NO.: DAVID EDELSTEIN STATE COM 12-24S-27E RB #223H

SECTION 12 TWP 24-S RGE 27-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM
DESCRIPTION 2076' FSL & 330' FEL

DISTANCE & DIRECTION

FROM INT. OF NM-285 & BLACK RIVER VILLAGE RD. GO WEST ON
BLACK RIVER VILLAGE RD. ±2.7 MILES, THENCE NORTH (RIGHT) ON
PROPOSED RD. ±2313 FEET TO A POINT ±419 FEET SOUTHWEST OF
THE LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET
THIS EASEMENT/SERVITUDE 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.
AS OF THE DATE OF SURVEY, ALL ABOVE GROUND APPURTENANCES WITHIN 300' OF THE STAKED LOCATION ARE SHOWN HEREON.



Michael Blake Brown, P.S. No. 18329
JULY 24, 2018



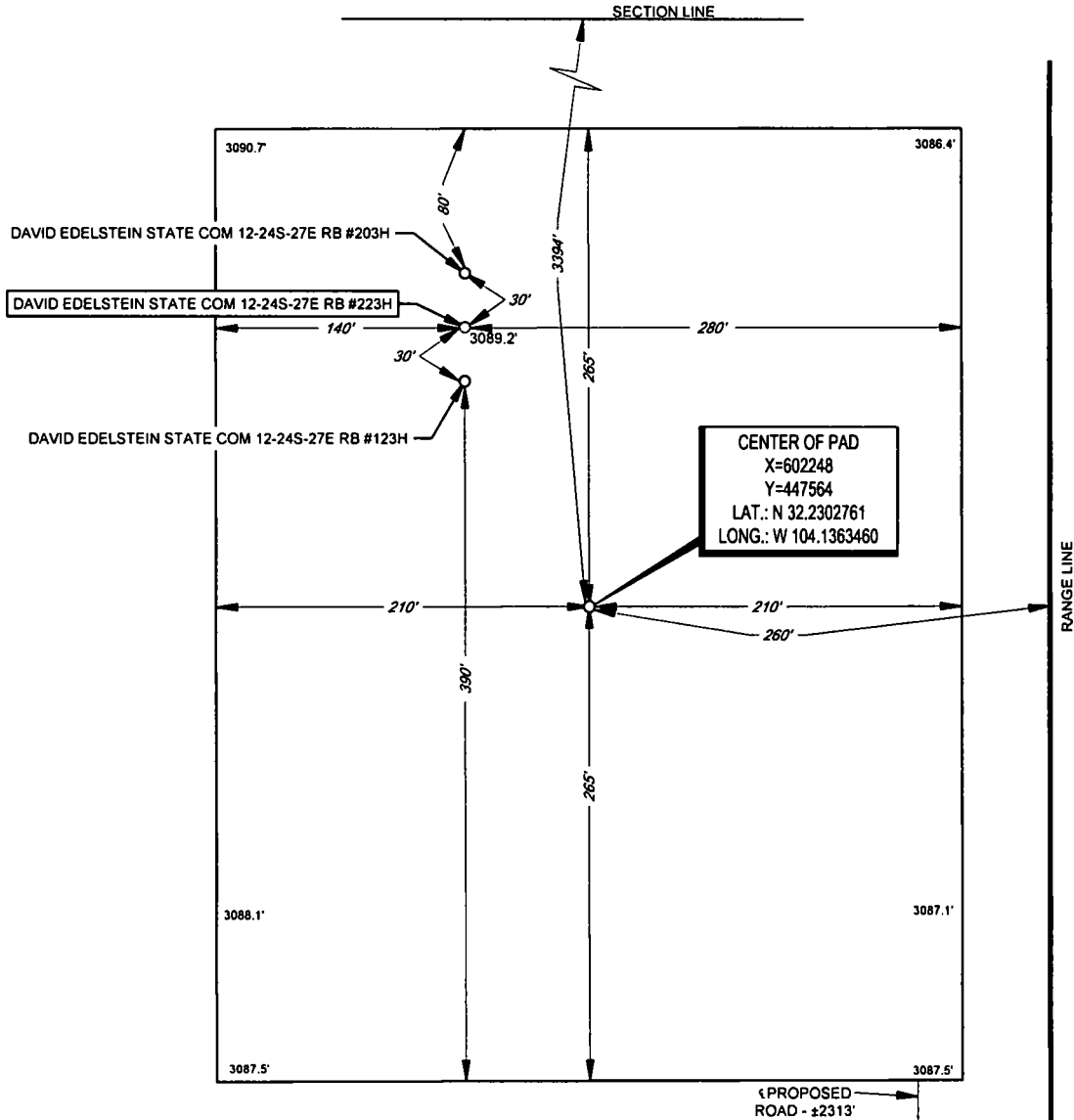
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SECTION 12, TOWNSHIP 24-S, RANGE 27-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 100'



LEASE NAME & WELL NO.: DAVID EDELSTEIN STATE COM 12-24S-27E RB #223H
#223H LATITUDE N 32.2307021 #223H LONGITUDE W 104.1365723

LEGEND

RANGE LINE

CENTER OF PAD IS 3394' FNL & 260' FEL

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET

THIS PROPOSED PAD SITE 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.

ORIGINAL DOCUMENT SIZE: 8.5" X 11"



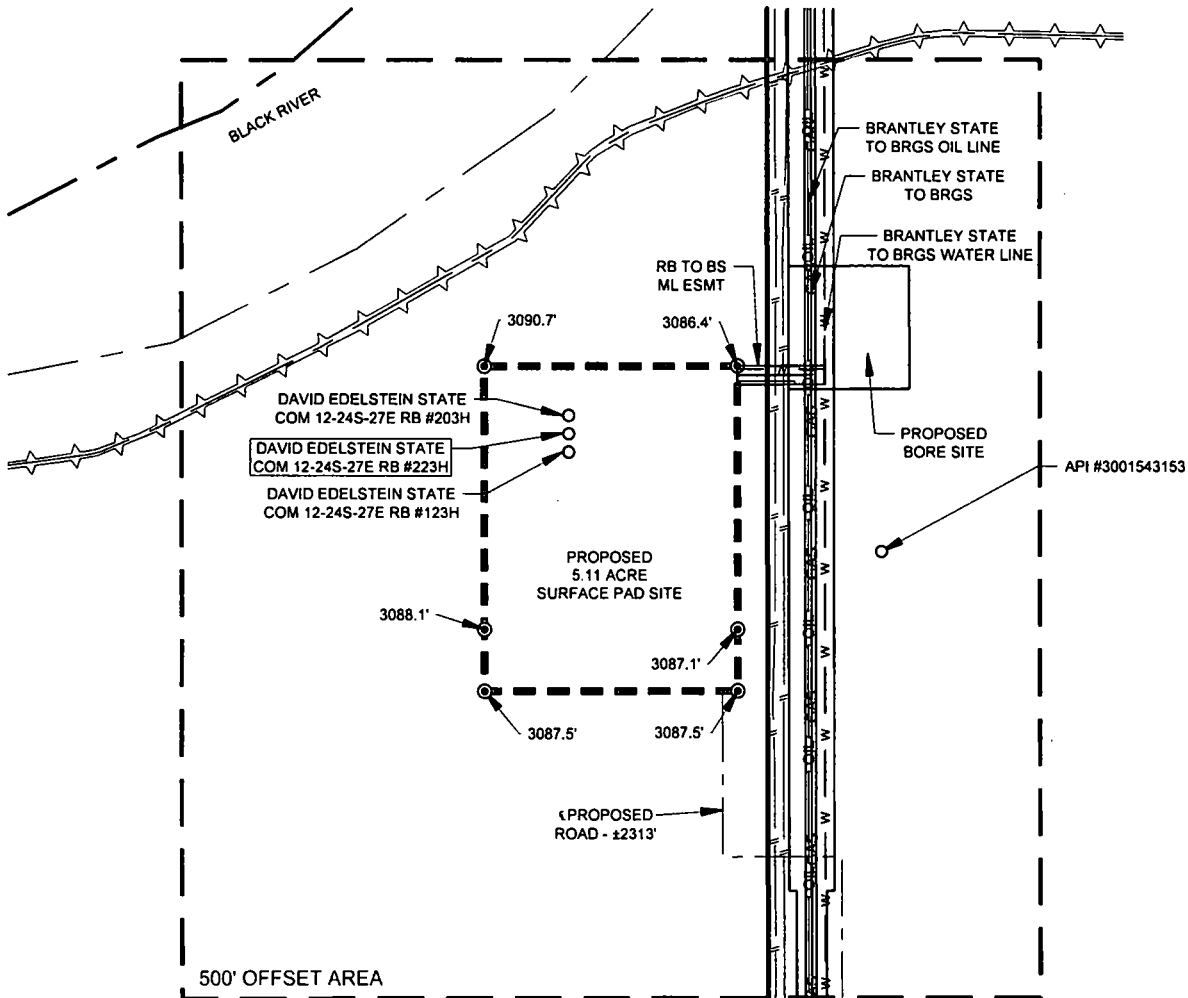
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SCALE: 1" = 300'

0' 150' 300'

SECTION 12, TOWNSHIP 24-S, RANGE 27-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



LEGEND

- SURVEY/SECTION LINE
- - - PROPOSED SITE
- - - 500' PROXIMITY
- == EXISTING PIPELINE
- == ROAD WAY
- W WATER LINE
- - - CENTERLINE OF DITCH
- - - TOP OF DITCH
- - - GAS LINE
- - - OIL LINE
- ⊙ IRON ROD SET



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

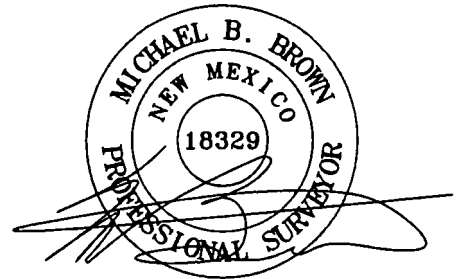
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Michael Blake Brown, P.S. No. 18329

JULY 24, 2018

DAVID EDELSTEIN STATE
COM 12-24S-27E RB #223H
PROXIMITY MAP

REVISION:

INT	DATE
JLS	07/06/2018
JDR	07/12/2018

DATE: 05/09/18

FILE: LO_DAVI EDLSTEIN STATE COM 223H REV2

DRAWN BY: EAH

SHEET: 7 OF 7

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. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY MATADOR PRODUCTION COMPANY. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
4. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.