

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

RECEIVED

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 30-015-46002		² Pool Code 3713		³ Pool Name Avalon: Bone Spring East	
⁴ Property Code 326053		⁵ Property Name LEATHERNECK 3029 FED COM			⁶ Well Number 126H
⁷ OGRID No. 228937		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3240'

¹⁰Surface Location

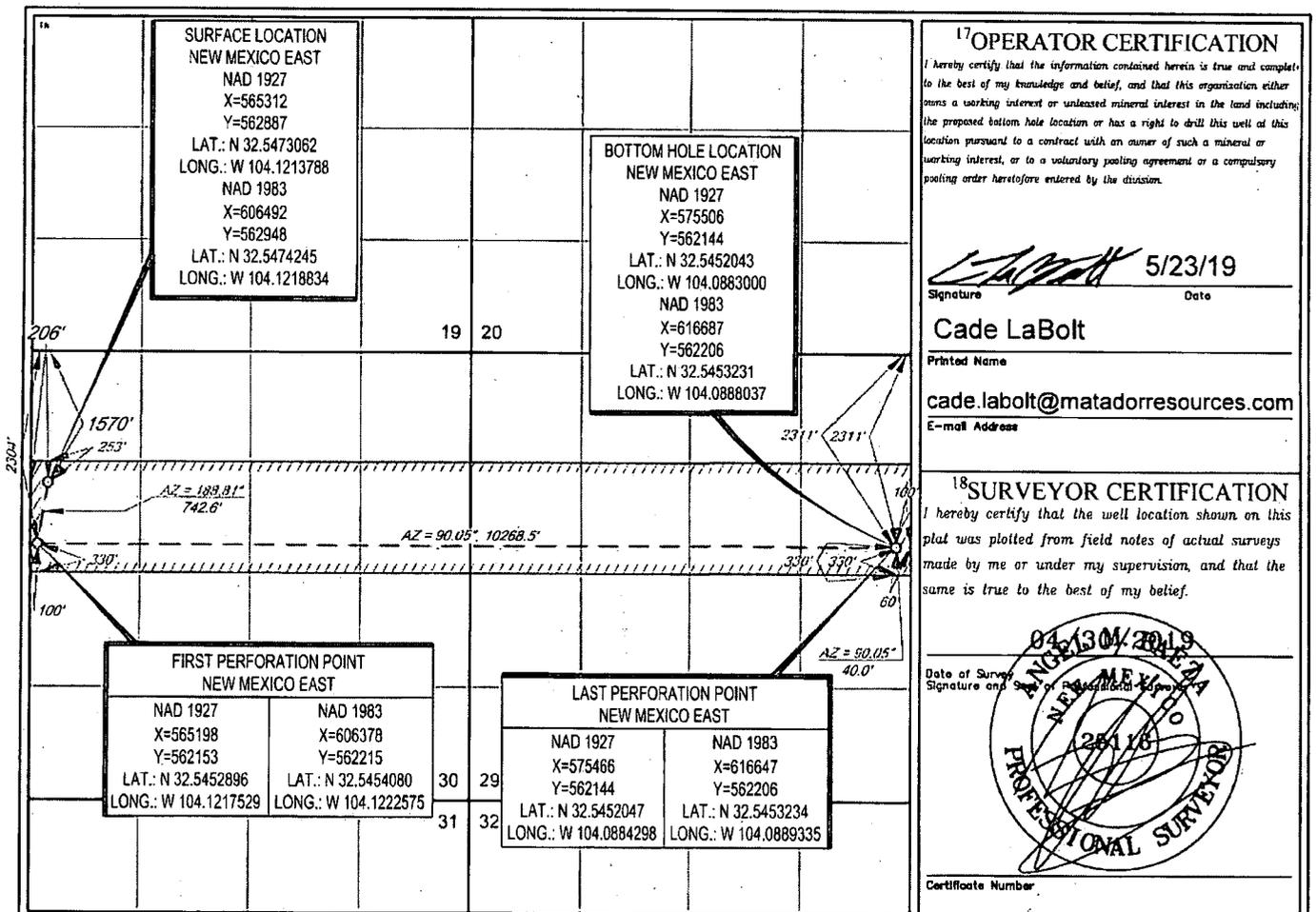
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	30	20-S	29-E	-	1570'	NORTH	206'	WEST	EDDY

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
H	29	20-S	29-E	-	2311'	NORTH	60'	EAST	EDDY

¹² Dedicated Acres 316.84	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.



RP 8-22-19

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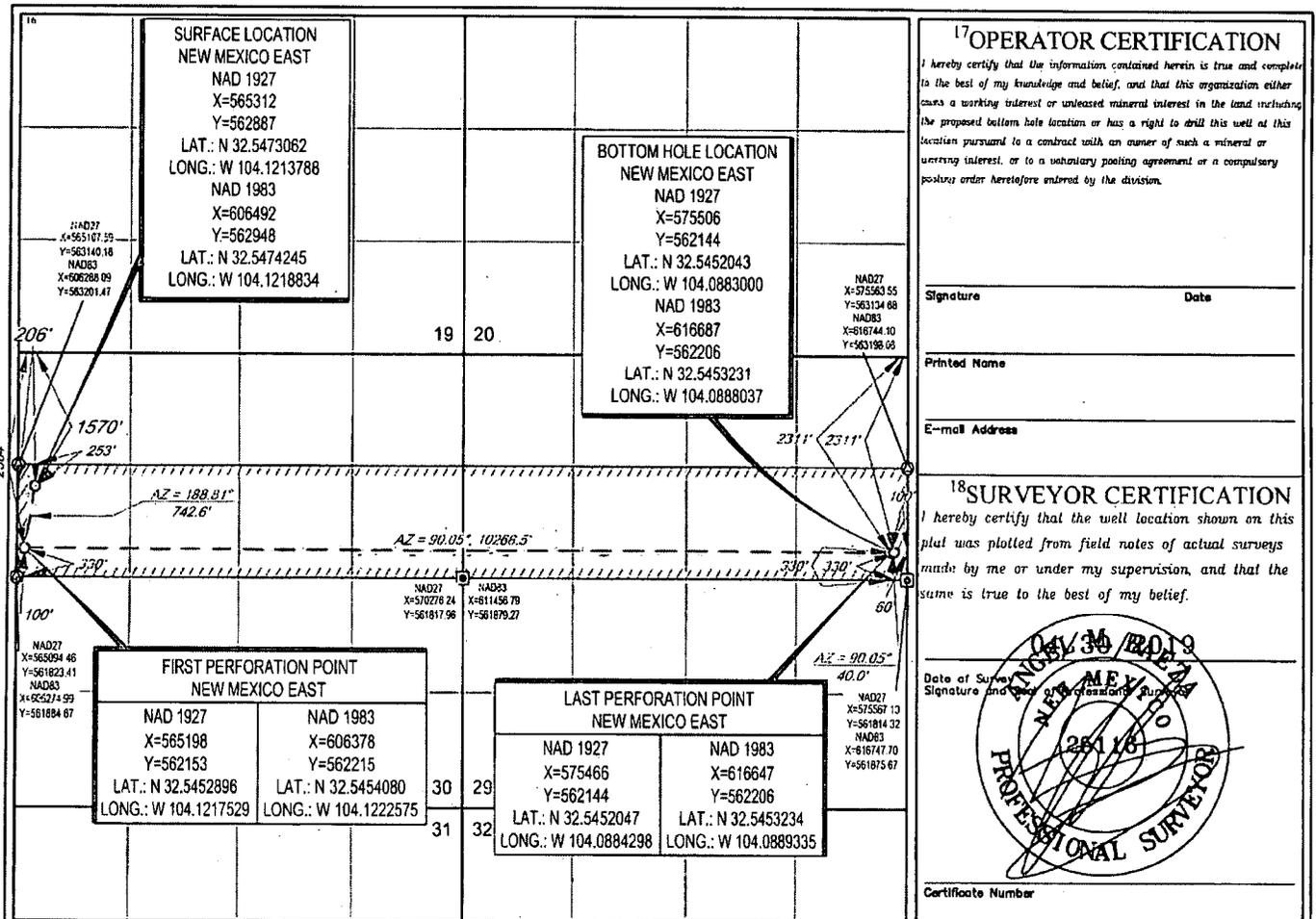
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Submit one copy to appropriate
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 AMENDED REPORT

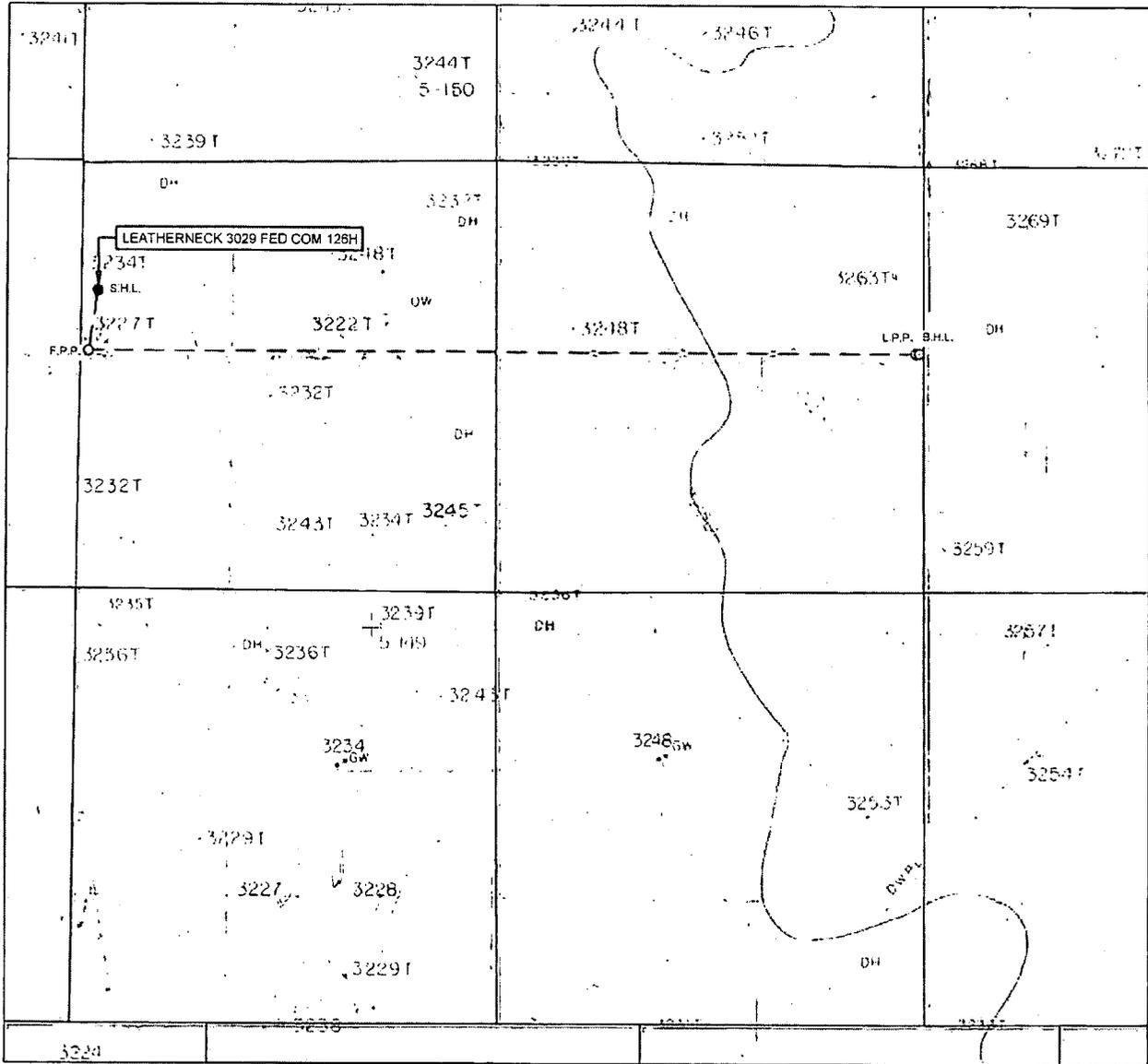
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ APF Number		² Pool Code		³ Pool Name					
⁴ Property Code		⁵ Property Name LEATHERNECK 3029 FED COM			⁶ Well Number 126H				
⁷ GRID No.		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3240'				
¹⁰ Surface Location									
UL or lot no. 2	Section 30	Township 20-S	Range 29-E	Lot Idn -	Feet from the 1570'	North/South line NORTH	Feet from the 206'	East/West line WEST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. H	Section 29	Township 20-S	Range 29-E	Lot Idn -	Feet from the 2311'	North/South line NORTH	Feet from the 60'	East/West line EAST	County EDDY
¹² Dedicated Acres 316.84		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.



LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO.: LEATHERNECK 3029 FED COM 126H

SECTION 30 TWP 20-S RGE 29-E SURVEY N.M.P.M.
 COUNTY EDDY STATE NM ELEVATION 3240'
 DESCRIPTION 1570' FNL & 206' FWL

LATITUDE N 32.5474245 LONGITUDE W 104.1218834



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

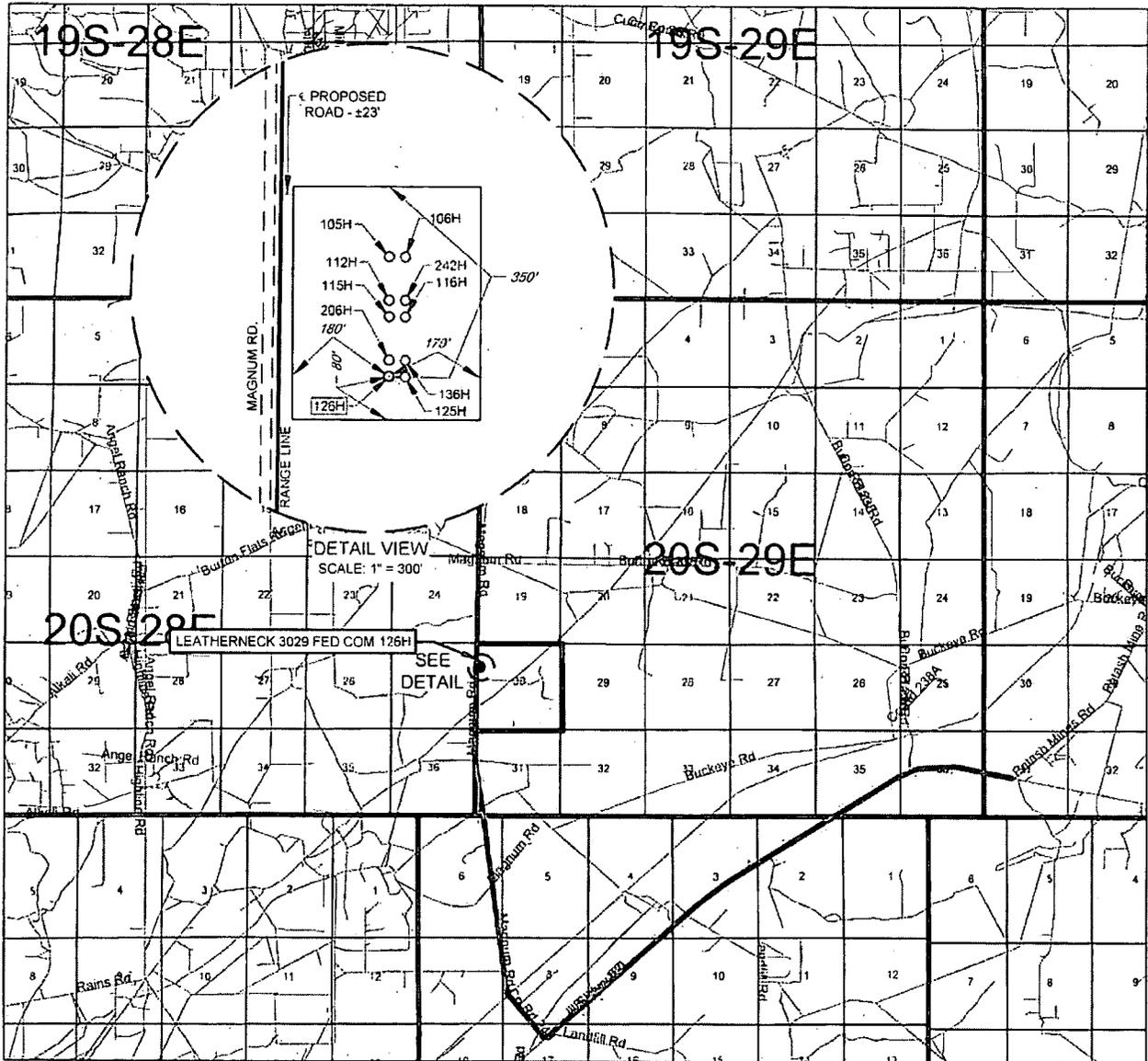
THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE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

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) 787-1653 • FAX: (432) 682-1743
 WWW.TOPOGRAPHIC.COM

VICINITY MAP



LEASE NAME & WELL NO.: LEATHERNECK 3029 FED COM 126H

SECTION 30 TWP 20-S RGE 29-E SURVEY N.M.P.M.
 COUNTY EDDY STATE NM
 DESCRIPTION 1570' FNL & 206' FWL

DISTANCE & DIRECTION
FROM INT. OF NM-360 & US-180/US-62 GO WEST ON US-180/US-62 ±6.8
MILES. THENCE NORTH (RIGHT) ON MAGNUM RD. ±4.7 MILES. THENCE
EAST (RIGHT) ON PROPOSED RD. ±23 FEET TO A POINT ±380 FEET
NORTHWEST 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

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SCALE: 1" = 10000'
 0' 5000' 10000'



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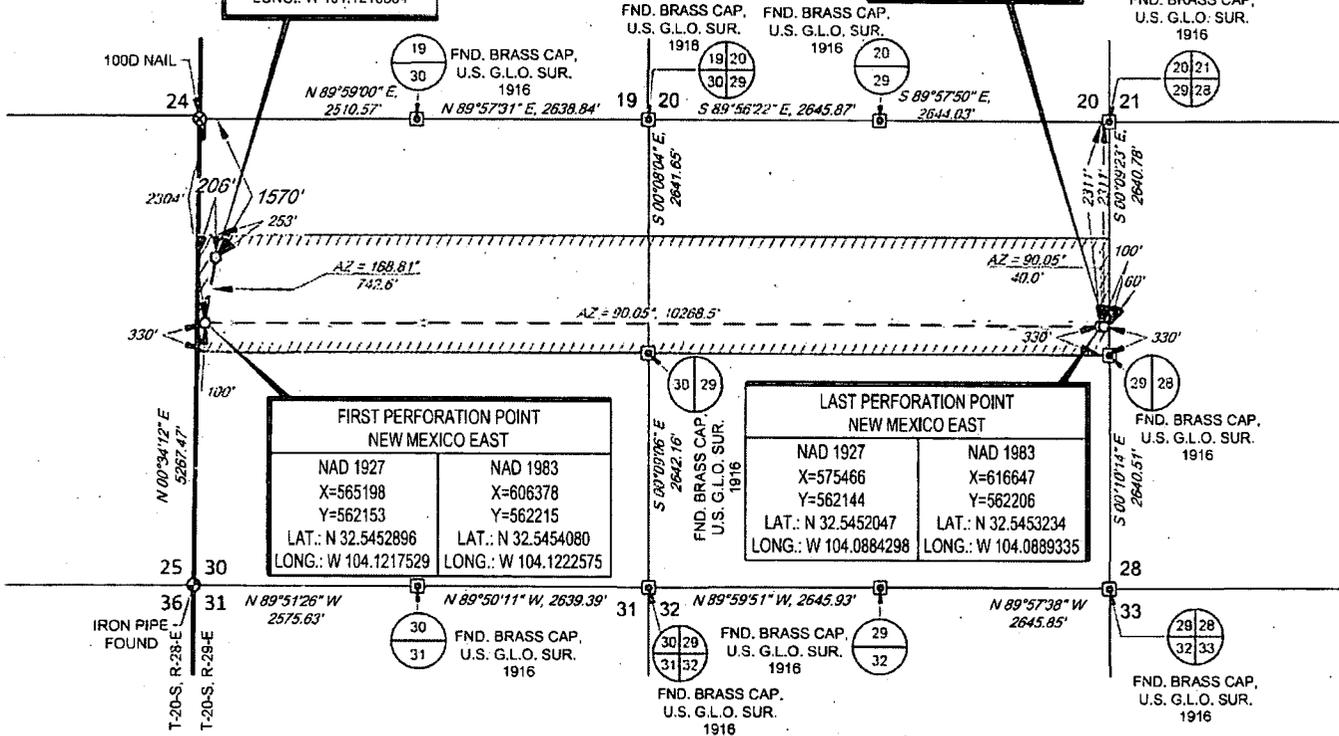
SCALE: 1" = 2000'
 0' 1000' 2000'



SECTION 30, TOWNSHIP 20-S, RANGE 29-E, N.M.P.M.
 EDDY COUNTY, NEW MEXICO

**SURFACE LOCATION
 NEW MEXICO EAST**
 NAD 1927
 X=565312
 Y=562887
 LAT.: N 32.5473062
 LONG.: W 104.1213788
 NAD 1983
 X=606492
 Y=562948
 LAT.: N 32.5474245
 LONG.: W 104.1218834

**BOTTOM HOLE LOCATION
 NEW MEXICO EAST**
 NAD 1927
 X=575506
 Y=562144
 LAT.: N 32.5452043
 LONG.: W 104.0883000
 NAD 1983
 X=616687
 Y=562206
 LAT.: N 32.5453231
 LONG.: W 104.0888037



**FIRST PERFORATION POINT
 NEW MEXICO EAST**

NAD 1927 X=565198 Y=562153 LAT.: N 32.5452896 LONG.: W 104.1217529	NAD 1983 X=606378 Y=562215 LAT.: N 32.5454080 LONG.: W 104.1222575
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**LAST PERFORATION POINT
 NEW MEXICO EAST**

NAD 1927 X=575466 Y=562144 LAT.: N 32.5452047 LONG.: W 104.0884298	NAD 1983 X=616647 Y=562206 LAT.: N 32.5453234 LONG.: W 104.0889335
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LEASE NAME & WELL NO.: LEATHERNECK 3029 FED COM 126H
 SECTION 30 TWP 20-S RGE 29-E SURVEY N.M.P.M.
 COUNTY EDDY STATE NM
 DESCRIPTION 1570' FNL & 206' FWL

DISTANCE & DIRECTION
 FROM INT. OF NM-360 & US-180/US-62 GO WEST ON US-180/US-62 ±6.8
 MILES, THENCE NORTH (RIGHT) ON MAGNUM RD. ±4.7 MILES, THENCE
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 NORTHWEST OF THE LOCATION.



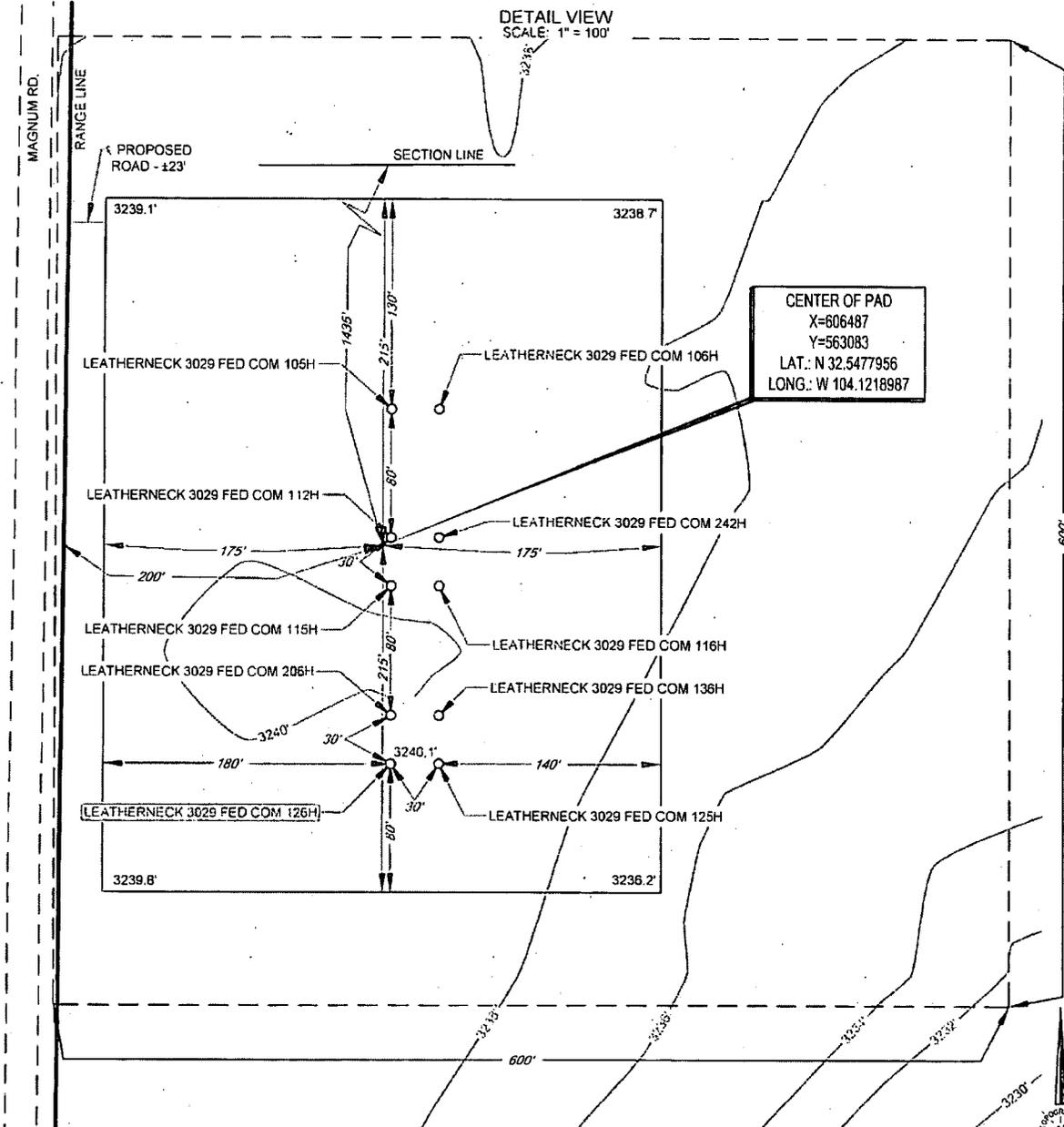
Angel M. Baeza, License No. 25116
 MAY 2, 2019

TOPOGRAPHIC
 LOYALTY INNOVATION LEGACY
 1400 EVERMAN PARKWAY, Ste. 148 - FT. WORTH, TEXAS 76140
 TELEPHONE: (817) 744-7512 - FAX (817) 744-7554
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 AS OF THE DATE OF SURVEY, ALL ABOVE GROUND APPURTENANCES WITHIN 300' OF THE STAKED LOCATION ARE SHOWN HEREON.



SECTION 30, TOWNSHIP 20-S, RANGE 29-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: LEATHERNECK 3029 FED COM 126H

126H LATITUDE N 32.5474245 126H LONGITUDE W 104.1218834

LEGEND

- RANGE LINE
- SECTION LINE
- - - - PROPOSED ROAD
- == == == ROAD WAY

CENTER OF PAD IS 1435' FNL & 200' FWL

SCALE: 1" = 100'
0' 50' 100'

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.



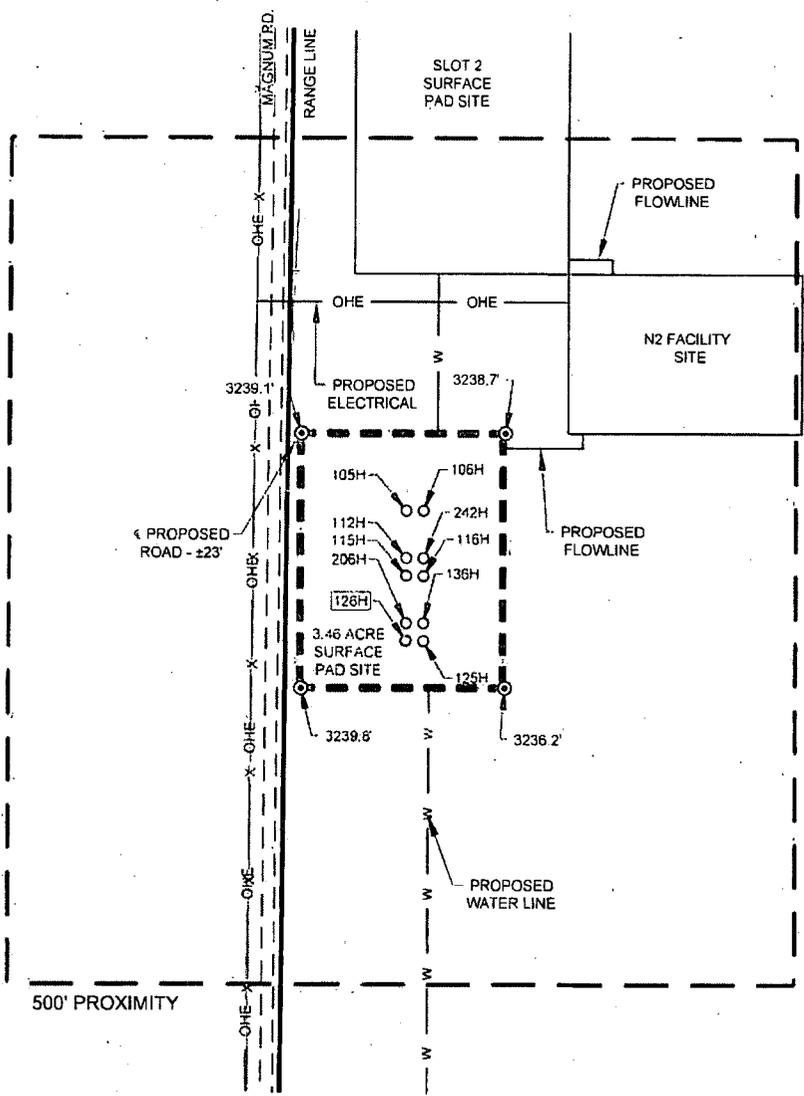
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ORIGINAL DOCUMENT SIZE: 8.5" X 11"

SCALE: 1" = 300'
 0' 150' 300'

SECTION 30 TOWNSHIP 20-S, RANGE 29-E, N.M.P.M.
 EDDY COUNTY, NEW MEXICO



- LEGEND**
- PROPOSED SITE
 - 500' PROXIMITY
 - TRACT BORDER
 - PROPOSED ROAD
 - RANGE LINE
 - SIXTEENTH SECTION LINE
 - OVERHEAD ELECTRIC
 - EXISTING PIPELINE
 - FENCE LINE
 - ROAD WAY
 - PROPOSED GAS
 - PROPOSED ELECTRIC
 - PROPOSED FLOWLINE
 - PROPOSED WATER
 - IRON ROD SET



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 LOYALTY INNOVATION LEGACY
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 WWW.TOPOGRAPHIC.COM



Angel M. Baeza, License No. 25116
 MAY 1, 2019

LEATHERNECK 3029 FED COM 126H PROXIMITY MAP	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. 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.
	INT	DATE	
DATE: 05/02/19			
FILE: LO_LEATHERNECK_3029_FED_COM_126H			
DRAWN BY: EAH			
SHEET: 7 OF 7			



Matador Resources
 Eddy County, NM (NAD27)
 Leatherneck 3029 Fed Com
 #126H
 Prelim A
 Patt 809



US State Plane 1927 (Exact solution)
 NAD 1927 (NADCON CONUS)
 Clarke 1866
 New Mexico East 3001
 Mean Sea Level



Azimuths to Grid North
 True North: -0.11°
 Magnetic North: 7.09°
 Magnetic Field Strength: 47977.6anT
 Dip Angle: 63.30°
 Date: 5/20/2019
 Model: HDGM

Azimuth Corrections

Total Magnetic Corr. (M to G): 7.09°

RKB Elevation: 3240 + 28.5 = KB @ 3268.50usft (Patt 809)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	562887.00	565312.00	32.547306	-104.121377	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00
3	1420.09	8.40	191.00	1418.59	-30.18	-5.86	2.00	-5.84
4	6883.59	8.40	191.00	6823.45	-813.82	-158.14	0.00	-157.43
5	7303.68	0.00	0.00	7242.04	-844.00	-164.00	2.00	-163.26
6	8203.68	90.00	81.90	7815.00	-763.27	403.24	10.00	403.91
7	8611.22	90.00	90.05	7815.00	-734.69	809.43	2.00	810.07
8	17995.79	90.00	90.05	7815.00	-743.00	10194.00	0.00	10194.64

Targets

Name	TVD	+N/-S	+E/-W	Northing	Easting
BHL (Leatherneck Fed #126H)	7815.00	-743.00	10194.00	562144.00	575506.00
FPP (Leatherneck Fed #126H)	7815.00	-734.00	-114.00	562153.00	565198.00

