Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-46437

5.Indicate Type of Lease STATE ☒ FEE ☐ FEDERAL ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: DAGGER LAKE 5 STATE COM

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 803H

2. Name of Operator: Matador Production Company

9. OGRID Number 228937

3. Address of Operator: One Lincoln Centre, 5400 LBJ Freeway, Ste 1500, Dallas, TX 75240

10. Pool name or Wildcat: WC-025 G-10 S213328O;WOLFCAMP

4. Well Location
Unit Letter K : 1940 feet from the SOUTH line and 1963 feet from the WEST line
Section 5 Township 22S Range 33E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3654' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Matador requests the option to amend the well design of the Dagger Lake 5 State Com #803H (30-025-46437) and make the following changes to the current APD:

1. Change Well Name
2. Change Proposed Depth
3. Pool Changes
4. Change Proposed Bottom Hole Location
5. Dedicated Acres
6. Change Well Status
7. Change Proposed Casing and Cement Plan
8. Change Proposed Blowout Prevention Program

Attachments:
Change of Plans Sundry Detail
C-102 for Pool 37870
C-102 for Pool 97927
Directional Well Plan
Directional AC Report
Casing and Cement Plan
NGMP and Addendum
Notice of Overlapping Spacing Unit

Spud Date: 10/17/2019 Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Eileen M Kosakowski TITLE Regulatory Analyst DATE 6/12/2026

Type or print name Eileen M Kosakowski E-mail address: eileen.kosakowski@matadorresources PHONE: 972-371-5200

For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

C-102	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
Submit Electronically Via OCD Permitting		Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-46437	37870	Legg; Bone Spring

Property Code	Property Name	Well Number
339220	TODDY GLOSSER 0529 STATE COM	152H

OGRID No.	Operator Name	Ground Level Elevation
228937	MATADOR PRODUCTION COMPANY	3654' GL RKB: 25.5'

Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal
Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
K	5	22-S	33-E	-	1940' S	1963' W	N 32.4189311	W 103.5967453	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
C	29	21-S	33-E	-	110' N	2314' W	N 32.4568341	W 103.5956404	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
240.05	DEFINING	30-025-46437	Y	C

Order Numbers: N/A (force pooling is no longer required)
Well Setbacks are under Common Ownership: ☐ Yes ☒ No

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
F	5	22-S	33-E	-	2591' N	2308' W	N 32.4209932	W 103.5956206	LEA

First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
F	5	22-S	33-E	-	2541' N	2308' W	N 32.4211306	W 103.5956207	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
C	29	21-S	33-E	-	110' N	2314' W	N 32.4568341	W 103.5956404	LEA

Unitized Area or Area of Uniform Interest	Spacing Unity Type	Ground Floor Elevation
PENDING	☒ Horizontal ☐ Vertical	3654' GL RKB: 25.5'

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Eileen M Kosakowski 9/21/2026

Signature Date

Eileen M Kosakowski

Print Name

eileen.kosakowski@matadorresources.com

E-mail Address

SURVEYORS 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 and correct to the best of my belief.

ANGEL M. BAEZA NEW MEXICO 25116 9/18/26 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor Date

Certificate Number

Date of Survey: 8/27/2026

S:\SURVEY\MATADOR_RESOURCES\TODDY_GLOSSER_0529_05-22S-33E\FINAL_PRODUCTS\LO_TODDY_GLOSSER_0529_STATE_COM_152H_REV1.dwg ADSHBELLA 9/19/2026 3:11 PM

C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal Type:
- ☐ Initial Submittal
- ☒ Amended Report
- ☐ As Drilled

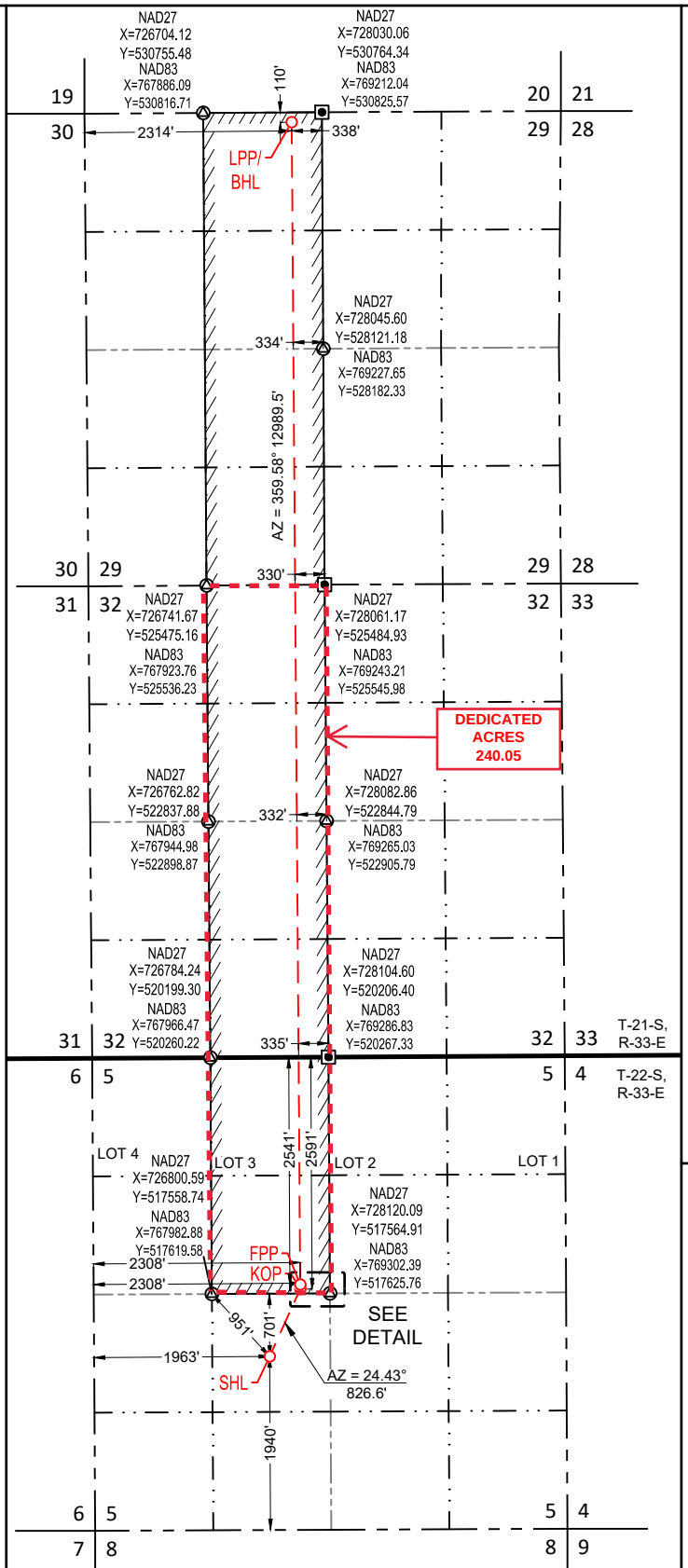
Property Name and Well Number

TODDY GLOSSER 0529 STATE COM 152H

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768629 Y=516922
LAT.: N 32.4189311
LONG.: W 103.5967453
NAD 1927
X=727447 Y=516861
LAT.: N 32.4188095
LONG.: W 103.5962595
1940' FSL 1963' FWL

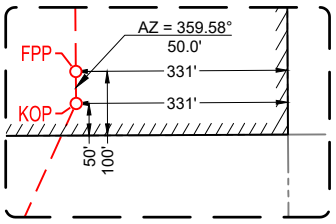
KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517674
LAT.: N 32.4209932
LONG.: W 103.5956206
NAD 1927
X=727789 Y=517614
LAT.: N 32.4208716
LONG.: W 103.5951348
2591' FNL 2308' FWL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517724
LAT.: N 32.4211306
LONG.: W 103.5956207
NAD 1927
X=727789 Y=517664
LAT.: N 32.4210091
LONG.: W 103.5951349
2541' FNL 2308' FWL



T-22-S, R-33-E
SECTION 5
LOT 1 - 40.06 ACRES
LOT 2 - 40.05 ACRES
LOT 3 - 40.05 ACRES
LOT 4 - 40.04 ACRES

LAST PERF. POINT (LPP) BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=768875 Y=530713
LAT.: N 32.4568341
LONG.: W 103.5956404
NAD 1927
X=727693 Y=530653
LAT.: N 32.4567129
LONG.: W 103.5951534
110' FNL 2314' FWL



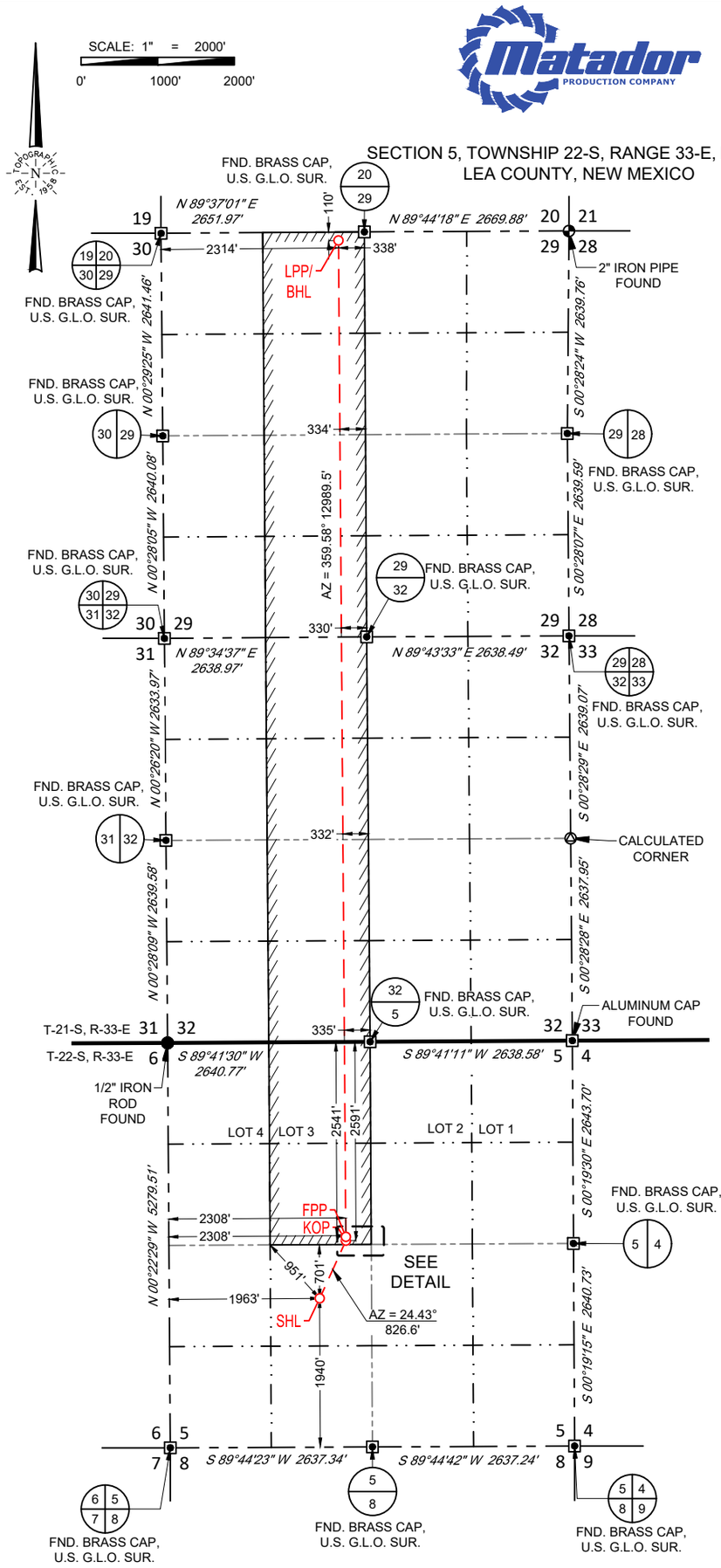
DETAIL VIEW
SCALE: 1" = 300'

SURVEYORS 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 and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:

ANGEL M. BAEZA NEW MEXICO 25116 9/18/26 PROFESSIONAL SURVEYOR

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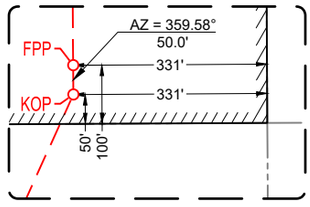


SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768629 Y=516922
LAT.: N 32.4189311
LONG.: W 103.5967453
1940' FSL 1963' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517674
LAT.: N 32.4209932
LONG.: W 103.5956206
2591' FNL 2308' FWL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517724
LAT.: N 32.4211306
LONG.: W 103.5956207
2541' FNL 2308' FWL

LAST PERF. POINT (LPP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=768875 Y=530713
LAT.: N 32.4568341
LONG.: W 103.5956404
110' FNL 2314' FWL



DETAIL VIEW
SCALE: 1" = 300'

T-22-S, R-33-E
SECTION 5
LOT 1 - 40.06 ACRES
LOT 2 - 40.05 ACRES
LOT 3 - 40.05 ACRES
LOT 4 - 40.04 ACRES

LEASE NAME & WELL NO.: TODDY GLOSSER 0529 STATE COM 152H

SECTION 5 TWP 22-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 1940' FSL & 1963' FWL

DISTANCE & DIRECTION
FROM INT. OF HWY-62, & NM-176 E, GO EAST ON NM-176 E ±6.4 MILES, THENCE SOUTH (RIGHT) ON A LEASE ROAD ±3.0 MILES, THENCE EAST (LEFT) ON DELAWARE BASIN RD ±4.5 MILES, THENCE EAST (LEFT) ON A LEASE ROAD ±0.9 MILES, THENCE SOUTH (RIGHT) ON A LEASE ROAD ±1.9 MILES, THENCE EAST (LEFT) ON A LEASE ROAD ±4337 FEET TO A POINT ±514 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.

ANGEL M. BAEZA NEW MEXICO 25116 9/18/26 PROFESSIONAL SURVEYOR

Angel M. Baeza, P.S. No. 25116

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
808 WEST INDIANA • MIDLAND, TEXAS 79701
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

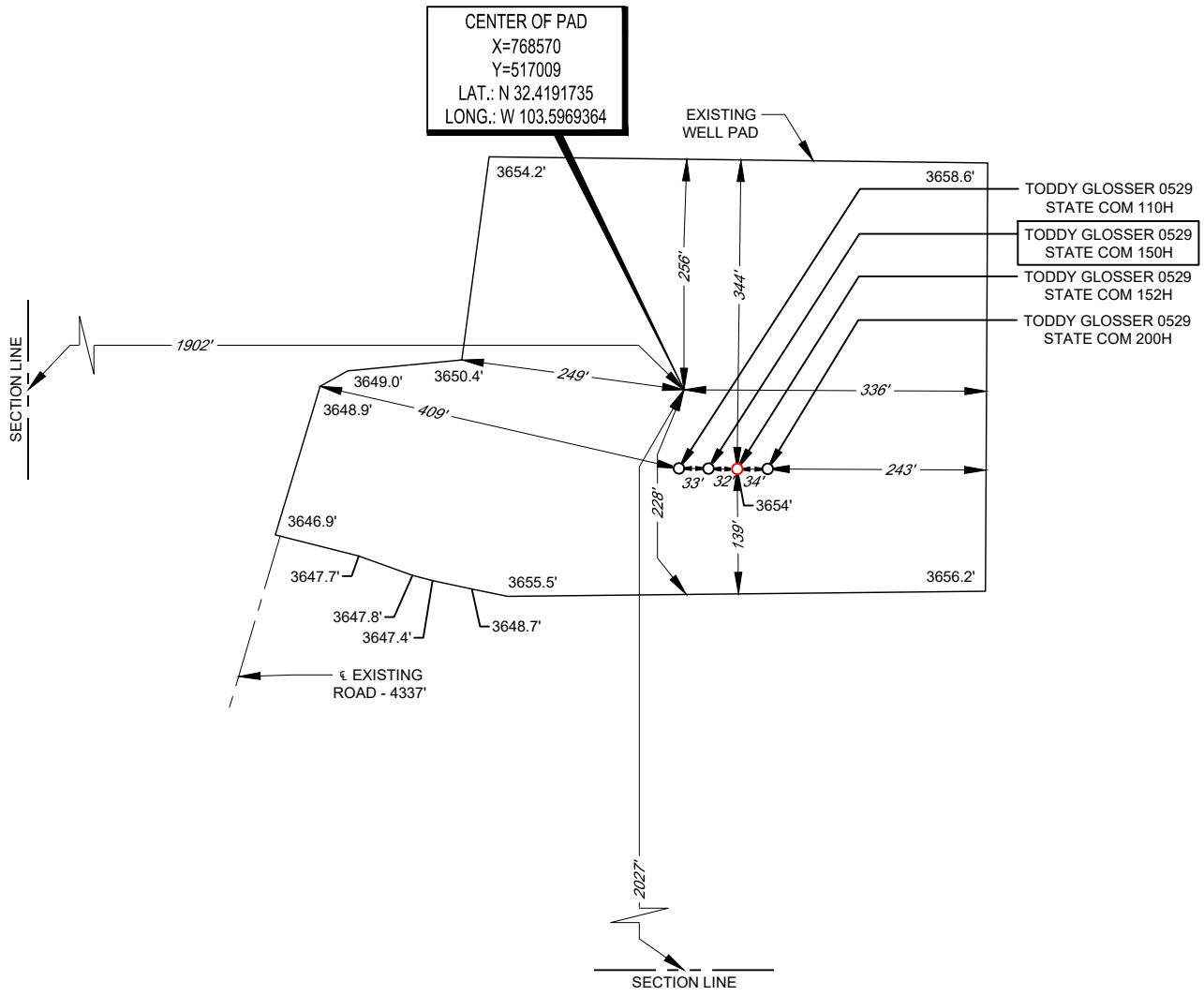
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LEGEND

SECTION LINE

EXISTING ROAD

SECTION 5, TOWNSHIP 22-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: TODDY GLOSSER 0529 STATE COM 152H

152H LATITUDE N 32.4189311 152H LONGITUDE W 103.5967453

CENTER OF PAD IS 2027' FSL & 1902' FWL

ANGEL M. BAEZA NEW MEXICO 25116 9/18/26 PROFESSIONAL SURVEYOR

Angel M. Baeza, P.S. No. 25116

SCALE: 1" = 200'

0' 100' 200'

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. ELEVATIONS USED ARE NAVD88, OBTAINED THROUGH AN OPUS SOLUTION.

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. ONLY THE DATA SHOWN ABOVE IS BEING CERTIFIED TO, ALL OTHER INFORMATION WAS INTENTIONALLY OMITTED. THIS PLAT IS ONLY INTENDED TO BE USED FOR A PERMIT AND IS NOT A BOUNDARY SURVEY. 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"

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
808 WEST INDIANA • MIDLAND, TEXAS 79701
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

C-102	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
Submit Electronically Via OCD Permitting		Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-46437	97927	WC-025 G-07 S213330F; Bone Spring

Property Code	Property Name	Well Number
339220	TODDY GLOSSER 0529 STATE COM	152H

OGRID No.	Operator Name	Ground Level Elevation
228937	MATADOR PRODUCTION COMPANY	3654' GL RKB: 25.5'

Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
K	5	22-S	33-E	-	1940' S	1963' W	N 32.4189311	W 103.5967453	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
C	29	21-S	33-E	-	110' N	2314' W	N 32.4568341	W 103.5956404	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
160	DEFINING	30-025-46437	Y	C

Order Numbers: N/A (force pooling is no longer required)

Well Setbacks are under Common Ownership: ☐ Yes ☒ No

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
F	5	22-S	33-E	-	2591' N	2308' W	N 32.4209932	W 103.5956206	LEA

First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
F	5	22-S	33-E	-	2541' N	2308' W	N 32.4211306	W 103.5956207	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
C	29	21-S	33-E	-	110' N	2314' W	N 32.4568341	W 103.5956404	LEA

Unitized Area or Area of Uniform Interest	Spacing Unity Type	Ground Floor Elevation
PENDING	☒ Horizontal ☐ Vertical	3654' GL RKB: 25.5'

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Eileen M Kosakowski — 9/21/2026

Signature — Date

Eileen M Kosakowski

Print Name

eileen.kosakowski@matadorresources.com

E-mail Address

SURVEYORS 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 and correct to the best of my belief.

ANGEL M. PEÑA NEW MEXICO 25116 9/18/26 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor — Date

Certificate Number

Date of Survey: 8/27/2026

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C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal Type:
- ☐ Initial Submittal
- ☒ Amended Report
- ☐ As Drilled

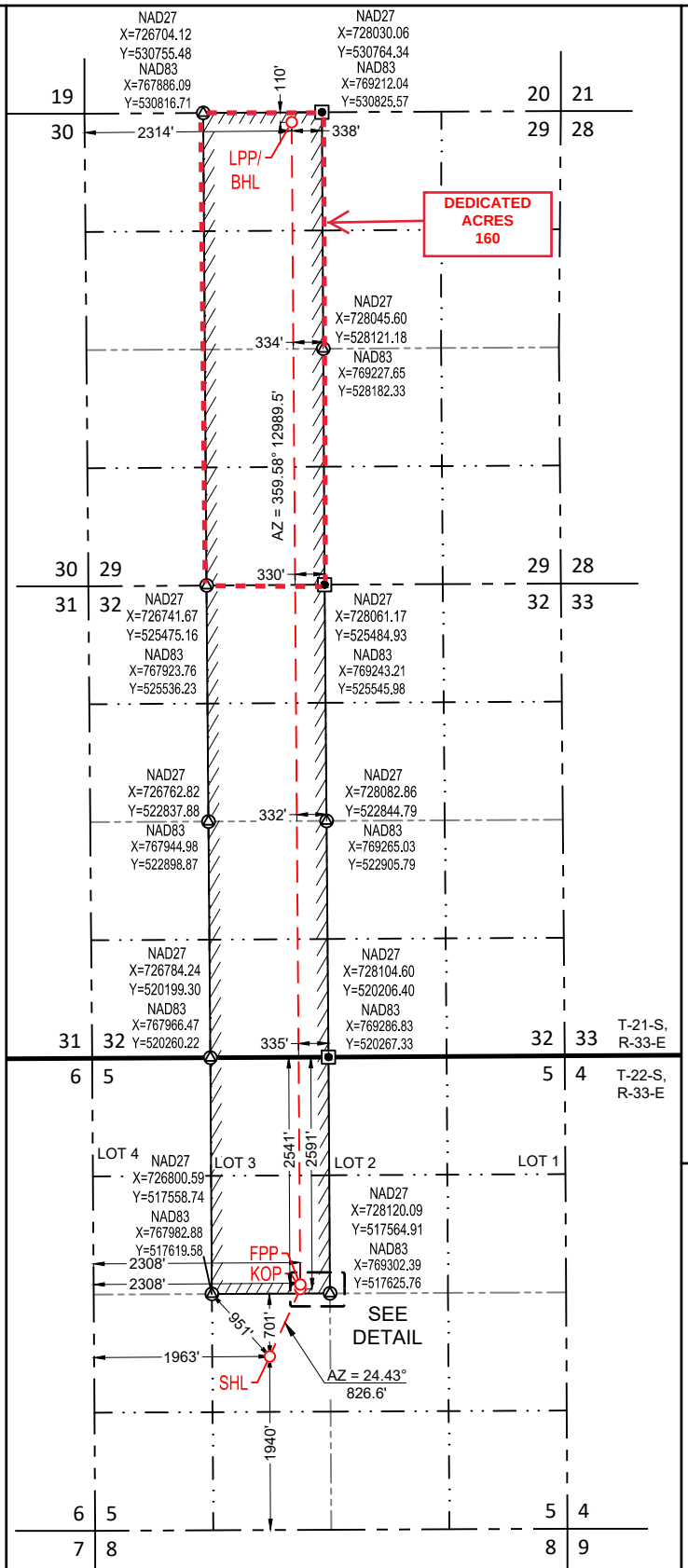
Property Name and Well Number

TODDY GLOSSER 0529 STATE COM 152H

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768629 Y=516922
LAT.: N 32.4189311
LONG.: W 103.5967453
NAD 1927
X=727447 Y=516861
LAT.: N 32.4188095
LONG.: W 103.5962595
1940' FSL 1963' FWL

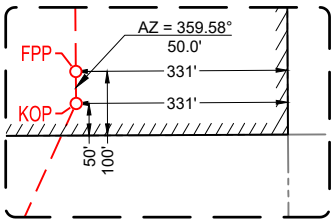
KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517674
LAT.: N 32.4209932
LONG.: W 103.5956206
NAD 1927
X=727789 Y=517614
LAT.: N 32.4208716
LONG.: W 103.5951348
2591' FNL 2308' FWL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517724
LAT.: N 32.4211306
LONG.: W 103.5956207
NAD 1927
X=727789 Y=517664
LAT.: N 32.4210091
LONG.: W 103.5951349
2541' FNL 2308' FWL



T-22-S, R-33-E
SECTION 5
LOT 1 - 40.06 ACRES
LOT 2 - 40.05 ACRES
LOT 3 - 40.05 ACRES
LOT 4 - 40.04 ACRES

LAST PERF. POINT (LPP) BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=768875 Y=530713
LAT.: N 32.4568341
LONG.: W 103.5956404
NAD 1927
X=727693 Y=530653
LAT.: N 32.4567129
LONG.: W 103.5951534
110' FNL 2314' FWL



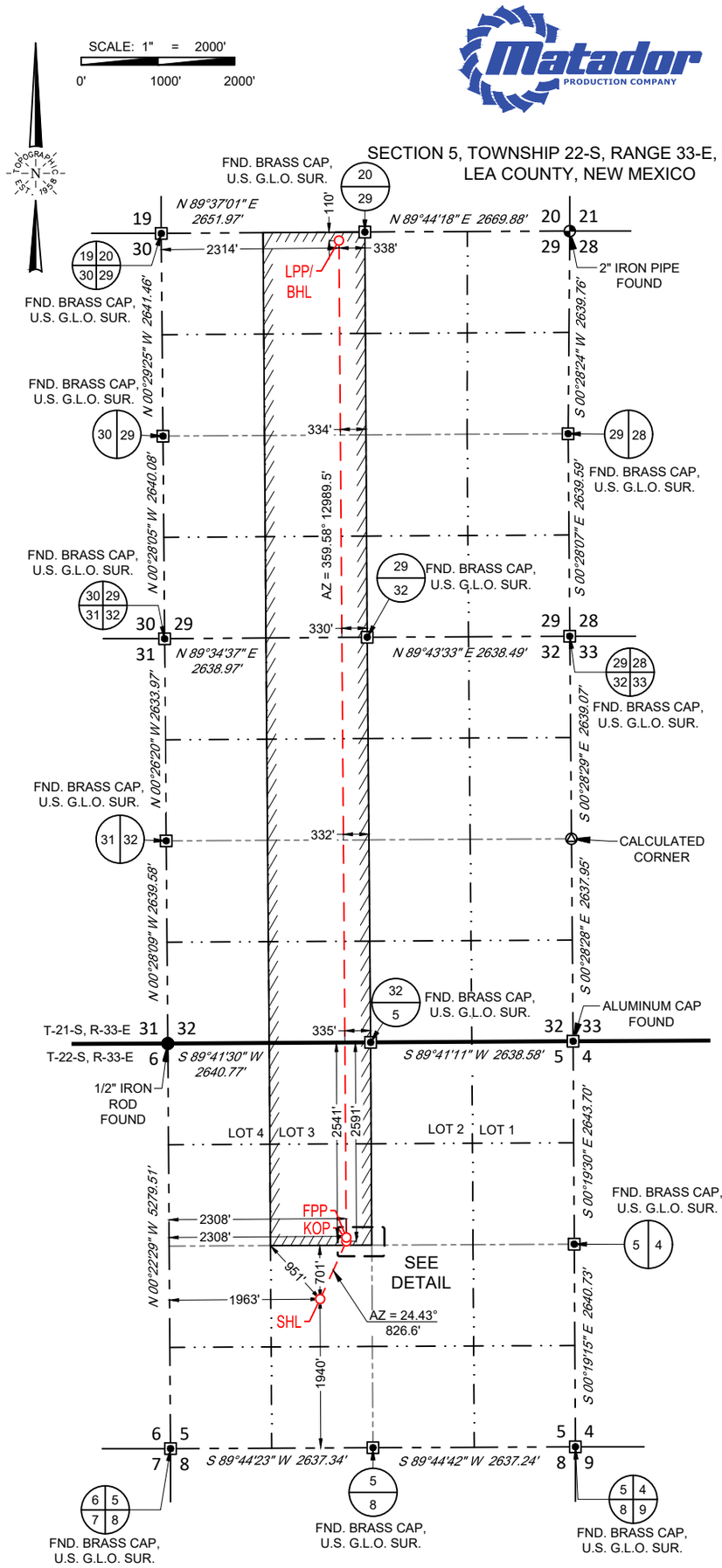
DETAIL VIEW
SCALE: 1" = 300'

SURVEYORS 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 and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:

ANGEL M. BAEZA
NEW MEXICO
25116
9/18/26
PROFESSIONAL SURVEYOR

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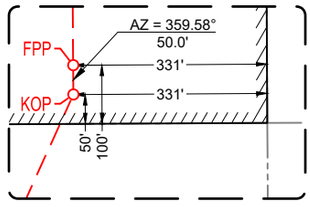


SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768629 Y=516922
LAT.: N 32.4189311
LONG.: W 103.5967453
1940' FSL 1963' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517674
LAT.: N 32.4209932
LONG.: W 103.5956206
2591' FNL 2308' FWL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517724
LAT.: N 32.4211306
LONG.: W 103.5956207
2541' FNL 2308' FWL

LAST PERF. POINT (LPP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=768875 Y=530713
LAT.: N 32.4568341
LONG.: W 103.5956404
110' FNL 2314' FWL



DETAIL VIEW
SCALE: 1" = 300'

T-22-S, R-33-E
SECTION 5
LOT 1 - 40.06 ACRES
LOT 2 - 40.05 ACRES
LOT 3 - 40.05 ACRES
LOT 4 - 40.04 ACRES

LEASE NAME & WELL NO.: TODDY GLOSSER 0529 STATE COM 152H

SECTION 5 TWP 22-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 1940' FSL & 1963' FWL

DISTANCE & DIRECTION
FROM INT. OF HWY-62, & NM-176 E, GO EAST ON NM-176 E ±6.4 MILES, THENCE SOUTH (RIGHT) ON A LEASE ROAD ±3.0 MILES, THENCE EAST (LEFT) ON DELAWARE BASIN RD ±4.5 MILES, THENCE EAST (LEFT) ON A LEASE ROAD ±0.9 MILES, THENCE SOUTH (RIGHT) ON A LEASE ROAD ±1.9 MILES, THENCE EAST (LEFT) ON A LEASE ROAD ±4337 FEET TO A POINT ±514 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.

ANGEL M. BAEZA NEW MEXICO 25116 9/18/26 PROFESSIONAL SURVEYOR

Angel M. Baeza, P.S. No. 25116

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
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TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
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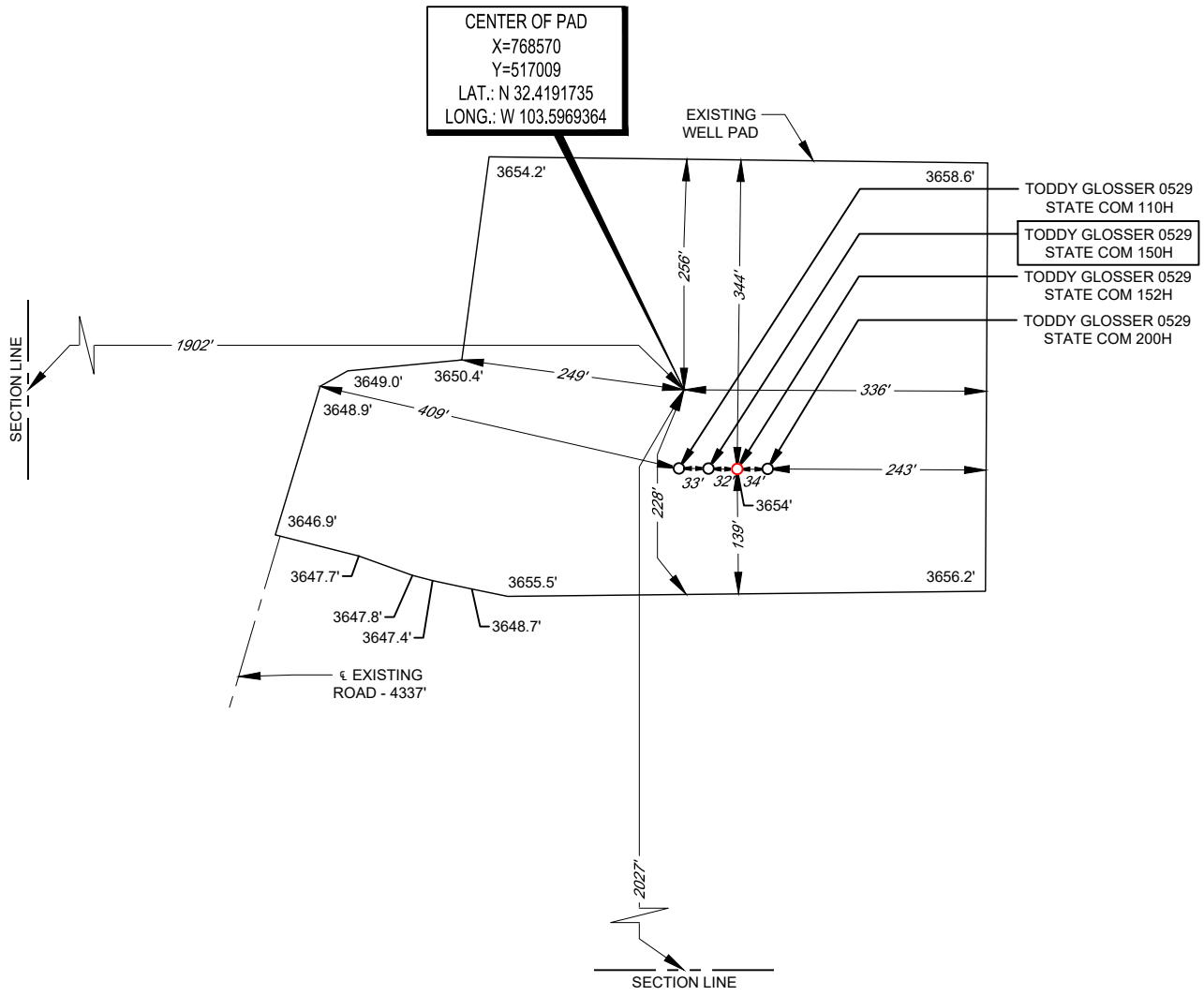
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LEGEND

SECTION LINE

EXISTING ROAD

SECTION 5, TOWNSHIP 22-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: TODDY GLOSSER 0529 STATE COM 152H

152H LATITUDE N 32.4189311 152H LONGITUDE W 103.5967453

CENTER OF PAD IS 2027' FSL & 1902' FWL

ANGEL M. BAEZA NEW MEXICO 25116 9/18/26 PROFESSIONAL SURVEYOR

Angel M. Baeza, P.S. No. 25116

SCALE: 1" = 200'

0' 100' 200'

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. ELEVATIONS USED ARE NAVD88, OBTAINED THROUGH AN OPUS SOLUTION.

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. ONLY THE DATA SHOWN ABOVE IS BEING CERTIFIED TO, ALL OTHER INFORMATION WAS INTENTIONALLY OMITTED. THIS PLAT IS ONLY INTENDED TO BE USED FOR A PERMIT AND IS NOT A BOUNDARY SURVEY. 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"

TOPOGRAPHIC
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WWW.TOPOGRAPHIC.COM

DAGGER LAKE 5 STATE COM # 803H **30-025-46437**

C-103A NOI CHANGE OF PLANS DETAIL

1. **Change Well Name:**
   FROM: Dagger Lake 5 State Com #803H
   TO: Toddy Glosser 0529 State Com #152H

2. **Change Proposed Depth**
   FROM: 21,300' MD/12,327' TVD
   TO: 24,879' MD/11,500' TVD

3. **Pool Changes: (C-102s attached)**
   FROM: (98033) WC-025 G-10 S213328O;WOLFCAMP
   TO: (37870) Legg; Bone Spring
   (97927) WC-025 G-07 S213330F; Bone Spring

4. **Change Proposed Bottom Hole Location**
   FROM: C-32-21S-33E 100' FNL 1980' FWL
   TO: C-29-21S-33E 110'FNL 2314' FWL

5. **Dedicated Acres**
   240.05 acres - (37870) Legg; Bone Spring
   160 acres - (97927) WC-025 G-07 S213330F; Bone Spring

6. **Change Well Status**
   FROM: Approved Temporary Abandonment
   TO: NEW

7. **Change Proposed Casing and Cement Plan (see attached plan for more detail)**
   Surface Casing and Int 1 Casing set by previous operator on 10/17/2019 and 10/29/2019.

FROM:

TYPE	HOLE SIZE	CASING SIZE	WEIGHT	SETTING DEPTH	SACKS OF CEMENT	EST. TOC
PROD	6.75	5.5	20#	21,300'	1065	0

TO:

TYPE	HOLE SIZE	CASING SIZE	WEIGHT	SETTING DEPTH	SACKS OF CEMENT	EST. TOC
PROD	6.75	5.5	20#	24,879'	1059	10,260'

DAGGER LAKE 5 STATE COM # 803H **30-025-46437**

C-103A NOI CHANGE OF PLANS DETAIL

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8. Change Proposed Blowout Prevention Program

FROM:

TYPE	WORKING PRESSURE	TEST PRESSURE	MANUFACTURER
Double Ram	5000	5000	

TO:

TYPE	WORKING PRESSURE	TEST PRESSURE	MANUFACTURER
Annular	5000	3000	Cameron
Double Ram	10000	5000	Cameron
Pipe	10000	5000	Cameron

Attachments:

C-102 for Pool 37870
C-102 for Pool 97927
Directional Well Plan
Directional AC Report
Casing and Cement Plan NGMP and Addendum

Well Name: Toddy Glosser 0529 State Com #152H

STRING	FLUID TYPE	HOLE SZ	CSG SZ	CSG GRADE	CSG WT	DEPTH SET	TOP CSG	TTL SX CEMENT	EST TOC	ADDITIONAL INFO FOR CSG/CMT PROGRAM (Optional)
SURF	Water based	14.75	10.75	J-55	40.5	1205	0	**475**	0	**10.75" casing set at 1205' on 10/17/2019. Pumped 475 total sacks, 44 bbls cement circulated to surface.**
INT 1	Brine/DBE	9.875	7.625	P-110	29.70	10660	0	**1905**	0	**7.625" casing set at 10660' on 10/29/2019. Pumped 1905 total sacks , 92 bbls cement circulated to surface.**
PROD	OBM/Cut Brine	6.75	5.5	P-110	20.00	24879	0	1059	10260	

Matador Production Company

Antelope Ridge
Toddy Glosser 0529
Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)

Wellbore #1
State Plan #1

Anticollision Summary Report

07 April, 2026

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3684.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3684.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Reference	State Plan #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0 usft	**Error Surface:**	Pedal Curve
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 4/7/2026

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	24,879.4	State Plan #1 (Wellbore #1)	MWD	OWSG MWD - Standard

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Dagger Lake						
Dagger Lake 5 State #801H - Wellbore #1 - Actual	9,955.5	9,935.7	1,324.7	1,255.6	19.152	CC
Dagger Lake 5 State #801H - Wellbore #1 - Actual	10,000.0	9,978.5	1,325.0	1,255.5	19.073	ES
Dagger Lake 5 State #801H - Wellbore #1 - Actual	19,800.0	20,098.0	1,774.6	1,507.5	6.644	SF
Dagger Lake 5 State Com #301H - Wellbore #1 - Actual	9,964.5	10,032.6	1,617.1	1,547.7	23.289	CC, ES
Dagger Lake 5 State Com #301H - Wellbore #1 - Actual	19,900.0	18,139.0	2,565.6	2,324.3	10.629	SF
Dagger Lake 5 State Com #501H - Wellbore #1 - Actual	2,191.7	2,196.5	1,573.5	1,558.7	105.848	CC
Dagger Lake 5 State Com #501H - Wellbore #1 - Actual	2,300.0	2,300.3	1,574.0	1,558.4	100.930	ES
Dagger Lake 5 State Com #501H - Wellbore #1 - Actual	19,800.0	19,025.0	2,059.9	1,778.8	7.327	SF
Dagger Lake 5 State Com #503H - Wellbore #1 - Actual	10,732.4	10,778.9	965.6	890.2	12.811	CC, ES
Dagger Lake 5 State Com #503H - Wellbore #1 - Actual	19,700.0	19,106.3	1,415.0	1,143.2	5.207	SF
Dagger Lake 5 State Com #513H - Wellbore #1 - Actual	10,259.7	10,585.7	740.1	667.6	10.208	CC, ES
Dagger Lake 5 State Com #513H - Wellbore #1 - Actual	19,700.0	18,893.0	1,552.5	1,332.6	7.060	SF
Dagger Lake 5 State Com #551H - Wellbore #1 - Actual	4,834.7	4,828.5	1,405.6	1,372.4	42.315	CC
Dagger Lake 5 State Com #551H - Wellbore #1 - Actual	19,643.2	18,903.0	1,624.8	1,335.5	5.616	ES
Dagger Lake 5 State Com #551H - Wellbore #1 - Actual	19,700.0	18,903.0	1,625.8	1,336.0	5.610	SF
Dagger Lake 5 State Com #601H - Wellbore #1 - Actual	1,947.1	1,933.6	1,521.7	1,508.5	115.485	CC
Dagger Lake 5 State Com #601H - Wellbore #1 - Actual	1,975.0	1,958.0	1,521.8	1,508.4	113.920	ES
Dagger Lake 5 State Com #601H - Wellbore #1 - Actual	19,900.0	20,255.4	2,064.7	1,775.3	7.134	SF
Dagger Lake 5 State Com #603H - Wellbore #1 - Actual	9,967.5	9,962.6	990.0	920.2	14.177	CC
Dagger Lake 5 State Com #603H - Wellbore #1 - Actual	10,648.6	10,672.2	991.8	917.0	13.271	ES
Dagger Lake 5 State Com #603H - Wellbore #1 - Actual	19,700.0	20,305.1	1,380.1	1,093.8	4.821	SF
Dagger Lake South 8 Fed Com #502H - Wellbore #1 - Ac	10,615.2	17,659.9	1,616.3	1,456.3	10.100	CC, ES, SF
Dagger Lake South 8 Fed Com #504H - Wellbore #1 - Ac	10,971.6	18,016.9	743.5	582.3	4.612	CC
Dagger Lake South 8 Fed Com #504H - Wellbore #1 - Ac	10,974.5	18,017.2	743.5	582.3	4.612	ES, SF
Dagger Lake South 8 Fed Com #506H - Wellbore #1 - Ac	10,032.1	17,096.4	191.1	46.2	1.319	Level 3, CC, ES, SF
Dagger Lake South 8 Fed Com #508H - Wellbore #1 - Ac	10,629.5	17,725.4	121.0	-27.6	0.814	Level 1, CC, ES, SF
Dagger Lake South 8 Fed Com #510H - Wellbore #1 - Ac	10,063.0	16,722.6	1,035.1	876.3	6.519	CC, ES, SF
Dagger Lake South 8 Fed Com #512H - Wellbore #1 - Ac	10,680.6	17,731.6	1,910.8	1,747.9	11.735	CC, ES
Dagger Lake South 8 Fed Com #512H - Wellbore #1 - Ac	10,700.0	17,732.2	1,910.8	1,747.9	11.731	SF
Dagger Lake South 8 Fed Com #514H - Wellbore #1 - BL	10,035.5	17,127.8	2,346.2	2,189.8	15.000	CC
Dagger Lake South 8 Fed Com #514H - Wellbore #1 - BL	10,043.0	17,127.8	2,346.2	2,189.8	14.998	ES
Dagger Lake South 8 Fed Com #514H - Wellbore #1 - BL	10,100.0	17,128.6	2,346.8	2,190.2	14.989	SF
Dagger Lake South 8 Fed Com #552H - Wellbore #1 - Ac	11,122.8	18,294.7	1,549.2	1,387.1	9.560	CC
Dagger Lake South 8 Fed Com #552H - Wellbore #1 - Ac	11,150.0	18,303.3	1,549.6	1,387.1	9.536	ES
Dagger Lake South 8 Fed Com #552H - Wellbore #1 - Ac	11,250.0	18,343.0	1,557.5	1,393.6	9.501	SF

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3684.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3684.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Dagger Lake						
Dagger Lake South 8 Fed Com #556H - Wellbore #1 - Ac	11,000.0	17,744.7	1,026.3	863.7	6.310	SF
Dagger Lake South 8 Fed Com #556H - Wellbore #1 - Ac	11,026.1	17,747.9	1,026.2	863.6	6.311	CC, ES
Dagger Lake South 8 Fed Com #558H - Wellbore #1 - BL	12,000.0	18,866.8	1,824.2	1,656.1	10.853	SF
Dagger Lake South 8 Fed Com #558H - Wellbore #1 - BL	12,131.1	18,866.8	1,817.0	1,650.3	10.903	CC, ES
Dagger Lake South 8 Fed Com #560H - Wellbore #1 - Ac	11,319.4	18,794.2	769.7	606.5	4.714	CC
Dagger Lake South 8 Fed Com #560H - Wellbore #1 - Ac	11,350.0	18,812.1	770.4	606.0	4.687	ES
Dagger Lake South 8 Fed Com #560H - Wellbore #1 - Ac	11,400.0	18,843.2	774.1	608.2	4.666	SF
Dagger Lake South 8 Fed Com #562H - Wellbore #1 - Ac	11,350.0	18,574.9	170.0	15.6	1.101	Level 2, ES, SF
Dagger Lake South 8 Fed Com #562H - Wellbore #1 - Ac	11,396.7	18,604.7	166.8	16.5	1.110	Level 2, CC
Dagger Lake South 8 Fed Com #564H - Wellbore #1 - Ac	11,834.6	18,910.0	964.7	792.0	5.585	SF
Dagger Lake South 8 Fed Com #564H - Wellbore #1 - Ac	11,980.3	18,910.0	953.6	784.9	5.654	CC, ES
Dagger Lake South 8 Fed Com #566H - Wellbore #1 - Ac	12,200.0	19,003.0	2,650.1	2,478.4	15.443	SF
Dagger Lake South 8 Fed Com #566H - Wellbore #1 - Ac	12,244.4	19,003.0	2,649.3	2,477.8	15.444	CC, ES
Dagger Lake South 8 Fed Com #566H - Wellbore #1 - BL	12,200.0	19,131.8	2,670.7	2,499.9	15.637	SF
Dagger Lake South 8 Fed Com #566H - Wellbore #1 - BL	12,246.6	19,131.8	2,669.9	2,499.1	15.637	CC, ES
Dagger Lake South 8 Fed Com #602H - Wellbore #1 - Ac	11,433.3	19,239.6	1,792.0	1,631.6	11.173	CC
Dagger Lake South 8 Fed Com #602H - Wellbore #1 - Ac	11,450.0	19,254.6	1,792.1	1,631.1	11.135	ES
Dagger Lake South 8 Fed Com #602H - Wellbore #1 - Ac	11,700.0	19,429.8	1,825.0	1,657.6	10.903	SF
Dagger Lake South 8 Fed Com #604H - Wellbore #1 - Ac	11,741.9	19,558.0	536.0	456.0	6.703	CC
Dagger Lake South 8 Fed Com #604H - Wellbore #1 - Ac	11,750.0	19,558.0	536.1	456.0	6.693	ES
Dagger Lake South 8 Fed Com #604H - Wellbore #1 - Ac	11,800.0	19,558.0	542.0	460.9	6.684	SF
Dagger Lake South 8 Fed Com #606H - Wellbore #1 - Ac	12,052.6	19,635.0	1,811.8	1,643.8	10.785	SF
Dagger Lake South 8 Fed Com #606H - Wellbore #1 - Ac	12,147.6	19,635.0	1,807.8	1,640.5	10.807	CC, ES
Dagger Lake South 8 Fed Com #702H - Wellbore #1 - Ac	11,622.9	19,623.9	1,057.0	910.2	7.201	CC
Dagger Lake South 8 Fed Com #702H - Wellbore #1 - Ac	11,650.0	19,647.3	1,057.5	909.4	7.140	ES
Dagger Lake South 8 Fed Com #702H - Wellbore #1 - Ac	11,700.0	19,692.1	1,060.9	910.5	7.054	SF
Dagger Lake South 8 Fed Com #706H - Wellbore #1 - Ac	11,800.0	19,454.0	1,087.8	937.7	7.249	SF
Dagger Lake South 8 Fed Com #706H - Wellbore #1 - Ac	11,900.0	19,454.0	1,081.0	933.3	7.321	ES
Dagger Lake South 8 Fed Com #706H - Wellbore #1 - Ac	11,917.0	19,454.0	1,080.9	933.7	7.344	CC
Dagger Lake South 8 Fed Com #708H - Wellbore #1 - BL	12,200.0	19,711.0	2,669.3	2,502.3	15.982	SF
Dagger Lake South 8 Fed Com #708H - Wellbore #1 - BL	12,235.5	19,711.0	2,668.9	2,501.9	15.984	CC, ES

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3684.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3684.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Wells in Antelope Ridge						
Abe State #002H - Wellbore #1 - Actual	24,797.7	16,793.0	2,576.9	2,256.3	8.038	CC
Abe State #002H - Wellbore #1 - Actual	24,879.4	16,793.0	2,578.2	2,256.3	8.009	ES, SF
Abe State #003H - Wellbore #1 - Actual	24,742.6	16,155.0	2,106.6	1,789.0	6.633	CC, ES
Abe State #003H - Wellbore #1 - Actual	24,879.4	16,155.0	2,111.0	1,792.0	6.618	SF
AO 6 #1H - Wellbore #1 - Actual	9,558.2	9,499.2	1,986.6	1,920.0	29.867	CC
AO 6 #1H - Wellbore #1 - Actual	9,594.0	9,530.1	1,986.7	1,920.0	29.768	ES
AO 6 #1H - Wellbore #1 - Actual	10,492.0	10,332.0	2,017.2	1,944.7	27.822	SF
AO 6 #501H - Wellbore #1 - Actual	7,563.9	7,592.0	2,228.8	2,175.5	41.854	CC
AO 6 #501H - Wellbore #1 - Actual	7,600.0	7,616.7	2,228.9	2,175.4	41.686	ES
AO 6 #501H - Wellbore #1 - Actual	10,492.0	10,269.5	2,275.9	2,203.4	31.409	SF
Coop 6 State #1H - Wellbore #1 - Actual	13,841.5	10,540.0	2,624.7	2,533.7	28.845	CC, ES
Coop 6 State #1H - Wellbore #1 - Actual	14,500.0	10,551.8	2,705.9	2,608.9	27.906	SF
Coop 6 State #2H - Wellbore #1 - Actual	10,229.0	10,233.4	2,393.6	2,322.4	33.597	CC, ES
Coop 6 State #2H - Wellbore #1 - Actual	13,300.0	10,474.0	2,672.4	2,590.0	32.419	SF
Dagger State Com #505H - Wellbore #1 - Actual	17,600.0	17,600.0	2,591.0	2,361.2	11.274	ES, SF
Dagger State Com #505H - Wellbore #1 - Actual	18,316.8	15,785.7	2,582.5	2,369.0	12.097	CC
Dagger State Unit #2H - Wellbore #1 - Actual	15,021.8	10,567.8	2,664.5	2,574.1	29.489	CC, ES
Dagger State Unit #2H - Wellbore #1 - Actual	15,600.0	10,552.0	2,726.3	2,630.7	28.517	SF
Fruit Loop 501H - Wellbore #1 - Wellbore #1	20,312.1	15,403.1	499.7	389.2	4.521	CC, ES
Fruit Loop 501H - Wellbore #1 - Wellbore #1	23,300.0	12,424.9	507.1	393.0	4.442	SF
Fruit Loop 503H - Wellbore #1 - Wellbore #1	20,738.2	14,871.6	1,665.8	1,438.9	7.342	CC
Fruit Loop 503H - Wellbore #1 - Wellbore #1	24,300.0	11,343.0	1,674.8	1,430.1	6.842	ES
Fruit Loop 503H - Wellbore #1 - Wellbore #1	24,400.0	11,270.8	1,677.6	1,432.0	6.831	SF
Fruit Loop 602H - Wellbore #1 - Wellbore #1	24,836.0	11,745.2	754.0	483.4	2.786	CC, ES
Fruit Loop 602H - Wellbore #1 - Wellbore #1	24,879.4	11,716.6	754.8	483.5	2.782	SF
State LT 32 Com #001 - Wellbore #1 - Actual	16,398.2	11,558.8	352.5	8.0	1.023	Level 2, CC, ES, SF
Paul Flowers / Charlie KS						
Charlie KS #208H - Wellbore #1 - Actual	11,378.4	14,009.6	2,510.0	2,420.5	28.033	CC
Charlie KS #208H - Wellbore #1 - Actual	22,300.0	24,832.0	2,717.7	2,318.6	6.810	ES
Charlie KS #208H - Wellbore #1 - Actual	22,400.0	24,832.0	2,721.8	2,322.0	6.808	SF
Charlie KS #208H - Wellbore #1 - State Plan #1	11,404.4	14,106.9	2,459.4	2,369.7	27.402	CC
Charlie KS #208H - Wellbore #1 - State Plan #1	22,300.0	24,900.0	2,703.0	2,306.6	6.819	ES
Charlie KS #208H - Wellbore #1 - State Plan #1	22,400.0	24,927.0	2,705.5	2,307.6	6.800	SF
Paul Flowers #114H - Wellbore #1 - State Plan #1	9,983.5	11,759.4	2,942.0	2,862.3	36.879	CC, ES
Paul Flowers #114H - Wellbore #1 - State Plan #1	22,600.0	22,779.5	3,664.5	3,288.1	9.736	SF
Paul Flowers #134H - Wellbore #1 - State Plan #1	1,393.0	1,354.9	2,991.0	2,981.7	319.862	CC
Paul Flowers #134H - Wellbore #1 - State Plan #1	2,000.0	1,961.8	2,991.6	2,978.1	220.261	ES
Paul Flowers #134H - Wellbore #1 - State Plan #1	22,600.0	24,834.7	3,610.0	3,206.0	8.936	SF
Paul Flowers #154H - Wellbore #1 - State Plan #1	1,124.6	1,044.6	3,020.7	3,013.4	413.816	CC
Paul Flowers #154H - Wellbore #1 - State Plan #1	1,147.0	1,056.1	3,020.8	3,013.3	407.216	ES
Paul Flowers #154H - Wellbore #1 - State Plan #1	22,600.0	24,125.3	3,587.1	3,181.0	8.834	SF
Paul Flowers #158H - Wellbore #1 - Actual	11,149.7	13,189.2	2,691.3	2,604.7	31.083	CC
Paul Flowers #158H - Wellbore #1 - Actual	22,300.0	24,287.0	2,976.8	2,573.8	7.386	ES
Paul Flowers #158H - Wellbore #1 - Actual	22,400.0	24,287.0	2,980.5	2,576.6	7.378	SF
Paul Flowers #158H - Wellbore #1 - State Plan #1	11,236.3	13,589.3	2,688.3	2,599.4	30.239	CC
Paul Flowers #158H - Wellbore #1 - State Plan #1	22,300.0	24,509.3	2,977.4	2,574.1	7.382	ES
Paul Flowers #158H - Wellbore #1 - State Plan #1	22,500.0	24,510.5	2,984.1	2,578.8	7.362	SF

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3684.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3684.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Toddy Glosser 0529						
Toddy Glosser 0529 State Com #110H - Wellbore #1 - St	1,926.9	1,927.5	53.1	39.9	4.018	CC
Toddy Glosser 0529 State Com #110H - Wellbore #1 - St	1,975.0	1,975.3	53.4	39.8	3.940	ES
Toddy Glosser 0529 State Com #110H - Wellbore #1 - St	2,064.0	2,063.8	55.3	41.1	3.899	SF
Toddy Glosser 0529 State Com #113H - Wellbore #1 - St	9,296.3	9,429.5	1,651.7	1,585.2	24.856	CC
Toddy Glosser 0529 State Com #113H - Wellbore #1 - St	9,324.0	9,448.8	1,651.7	1,585.2	24.803	ES
Toddy Glosser 0529 State Com #113H - Wellbore #1 - St	24,879.4	22,980.0	1,940.9	1,603.7	5.755	SF
Toddy Glosser 0529 State Com #114H - Wellbore #1 - O	280.9	303.9	2,975.7	2,974.0	1,817.990	CC
Toddy Glosser 0529 State Com #114H - Wellbore #1 - O	24,879.4	22,944.5	2,995.6	2,590.2	7.388	ES, SF
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	19,465.6	17,561.6	2,665.7	2,425.5	11.098	CC
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	19,600.0	17,636.8	2,667.2	2,424.1	10.969	ES
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	24,879.4	23,016.4	2,995.7	2,590.4	7.391	SF
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	280.9	303.9	2,975.7	2,974.0	1,817.990	CC
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	24,879.4	22,922.0	2,994.7	2,589.2	7.386	ES, SF
Toddy Glosser 0529 State Com #120H - Wellbore #1 - S	18,882.4	20,056.2	484.9	349.7	3.587	CC, ES
Toddy Glosser 0529 State Com #120H - Wellbore #1 - S	19,400.0	19,594.9	508.8	366.5	3.575	SF
Toddy Glosser 0529 State Com #129H - Wellbore #1 - S	18,807.7	20,312.9	1,290.1	1,070.0	5.860	CC, ES
Toddy Glosser 0529 State Com #129H - Wellbore #1 - S	19,000.0	20,223.4	1,297.8	1,075.1	5.828	SF
Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #	2,318.8	2,318.7	31.6	15.8	2.005	CC
Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #	2,423.0	2,422.7	31.8	15.3	1.929	ES
Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #	4,661.0	4,658.8	50.5	18.3	1.570	SF
Toddy Glosser 0529 State Com #159H - Wellbore #1 - S	18,925.0	20,236.3	698.1	446.4	2.773	CC, ES
Toddy Glosser 0529 State Com #159H - Wellbore #1 - S	19,000.0	20,188.3	699.2	446.6	2.768	SF
Toddy Glosser 0529 State Com #200H (Formerly D.L.5 #	0.0	0.0	33.8			
Toddy Glosser 0529 State Com #200H (Formerly D.L.5 #	3,766.0	3,766.3	40.1	14.3	1.555	ES, SF
Toddy Glosser 0529 State Com #200H (Formerly D.L.5 #	0.0	0.0	33.8			
Toddy Glosser 0529 State Com #200H (Formerly D.L.5 #	3,766.0	3,766.3	40.1	14.3	1.555	ES, SF
Toddy Glosser 0529 State Com #203H - Wellbore #1 - S	12,177.3	11,601.7	1,444.1	1,357.8	16.736	CC
Toddy Glosser 0529 State Com #203H - Wellbore #1 - S	24,879.4	25,025.2	1,464.7	1,049.3	3.526	ES, SF
Toddy Glosser 0529 State Com #204H - Wellbore #1 - S	24,879.4	25,009.4	2,099.9	1,667.9	4.861	CC, ES, SF

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3684.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3684.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Summary

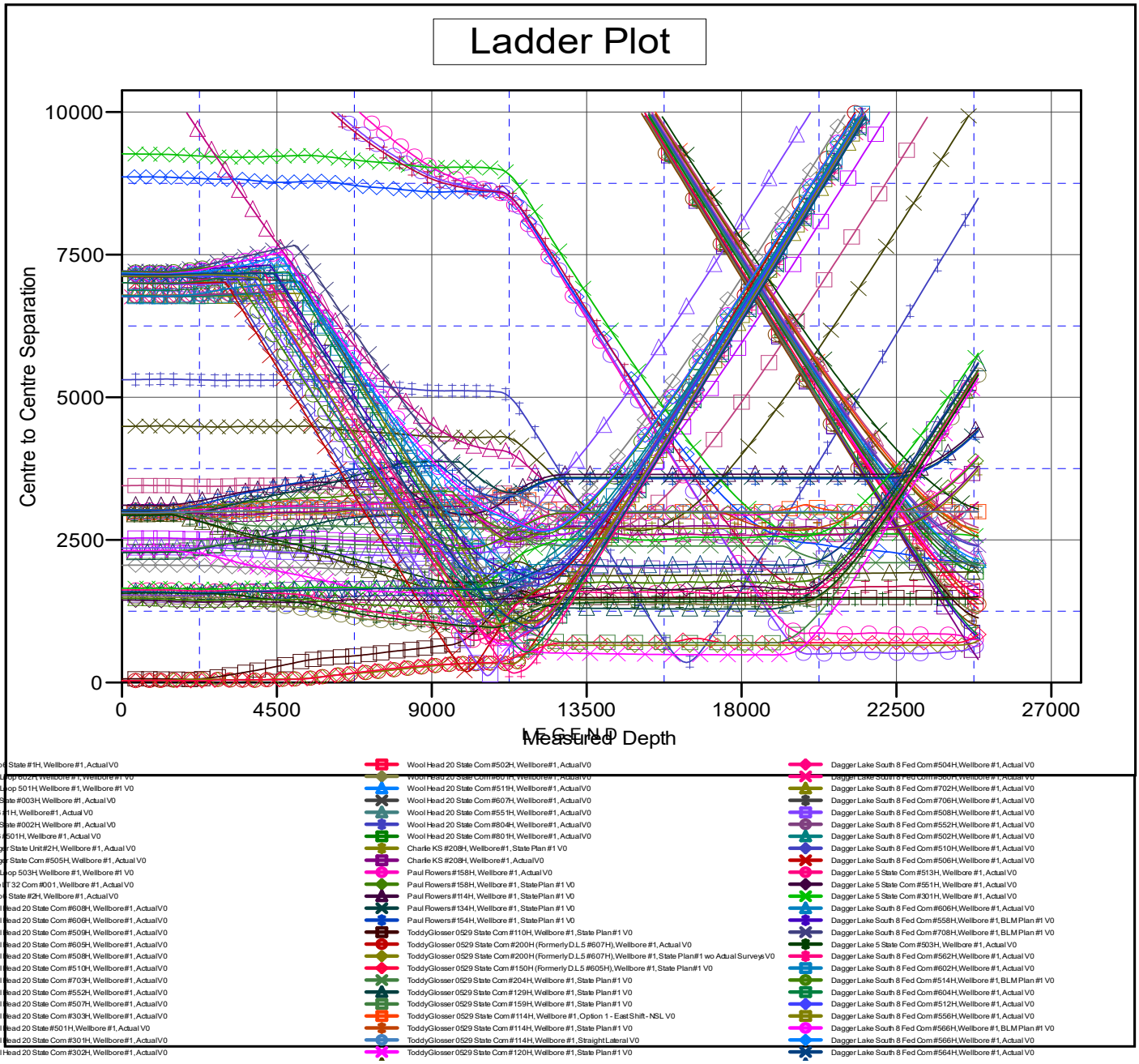
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Wool Head 20 State Com						
Wool Head 20 State #501H - Wellbore #1 - Actual	24,879.4	10,568.0	2,551.6	2,307.7	10.463	CC, ES, SF
Wool Head 20 State Com #301H - Wellbore #1 - Actual	24,879.4	10,226.0	2,208.1	2,001.0	10.664	CC, ES, SF
Wool Head 20 State Com #302H - Wellbore #1 - Actual	24,879.4	10,204.0	1,657.0	1,533.0	13.363	CC, ES, SF
Wool Head 20 State Com #303H - Wellbore #1 - Actual	24,879.4	10,118.0	3,041.9	2,809.1	13.068	CC, ES, SF
Wool Head 20 State Com #502H - Wellbore #1 - Actual	24,879.4	10,998.6	1,557.6	1,320.6	6.573	CC, ES, SF
Wool Head 20 State Com #503H - Wellbore #1 - Actual	24,879.4	10,570.0	1,524.7	1,368.6	9.764	CC, ES, SF
Wool Head 20 State Com #507H - Wellbore #1 - Actual	24,879.4	10,608.0	1,373.1	1,222.5	9.120	CC, ES, SF
Wool Head 20 State Com #508H - Wellbore #1 - Actual	24,879.4	10,414.0	2,059.2	1,844.3	9.582	CC, ES, SF
Wool Head 20 State Com #509H - Wellbore #1 - Actual	24,879.4	10,956.9	1,302.1	1,089.2	6.117	CC, ES, SF
Wool Head 20 State Com #510H - Wellbore #1 - Actual	24,879.4	10,628.0	2,624.4	2,379.9	10.732	CC, ES, SF
Wool Head 20 State Com #511H - Wellbore #1 - Actual	24,879.4	10,988.0	2,141.6	1,889.3	8.487	CC, ES, SF
Wool Head 20 State Com #512H - Wellbore #1 - Actual	24,879.4	11,168.0	2,714.5	2,454.7	10.449	CC, ES, SF
Wool Head 20 State Com #551H - Wellbore #1 - Actual	24,879.4	11,326.0	2,040.6	1,775.9	7.710	CC, ES, SF
Wool Head 20 State Com #552H - Wellbore #1 - Actual	24,879.4	11,233.0	785.2	572.3	3.687	CC, ES, SF
Wool Head 20 State Com #553H - Wellbore #1 - Actual	24,879.4	11,191.0	829.4	624.7	4.052	CC, ES, SF
Wool Head 20 State Com #554H - Wellbore #1 - Actual	24,879.4	11,118.4	2,403.4	2,140.9	9.157	CC, ES, SF
Wool Head 20 State Com #601H - Wellbore #1 - Actual	24,879.4	11,567.7	1,212.2	942.8	4.500	CC, ES, SF
Wool Head 20 State Com #605H - Wellbore #1 - Actual	24,879.4	11,459.0	988.8	724.2	3.737	CC, ES, SF
Wool Head 20 State Com #606H - Wellbore #1 - Actual	24,879.4	11,423.4	406.5	277.8	3.159	CC, ES, SF
Wool Head 20 State Com #607H - Wellbore #1 - Actual	24,879.4	11,439.4	2,012.4	1,744.4	7.508	CC, ES, SF
Wool Head 20 State Com #608H - Wellbore #1 - Actual	24,879.4	11,586.2	2,675.8	2,405.9	9.914	CC, ES, SF
Wool Head 20 State Com #703H - Wellbore #1 - Actual	24,879.4	10,600.0	1,132.8	964.6	6.734	CC, ES, SF
Wool Head 20 State Com #801H - Wellbore #1 - Actual	24,879.4	11,487.3	1,927.6	1,657.0	7.124	CC, ES, SF
Wool Head 20 State Com #804H - Wellbore #1 - Actual	24,879.4	11,573.0	2,391.2	2,121.0	8.849	CC, ES, SF

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3684.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3684.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB @ 3684.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Toddy Glosser 0529 State Com #152H (Formerly D.L.
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.40°



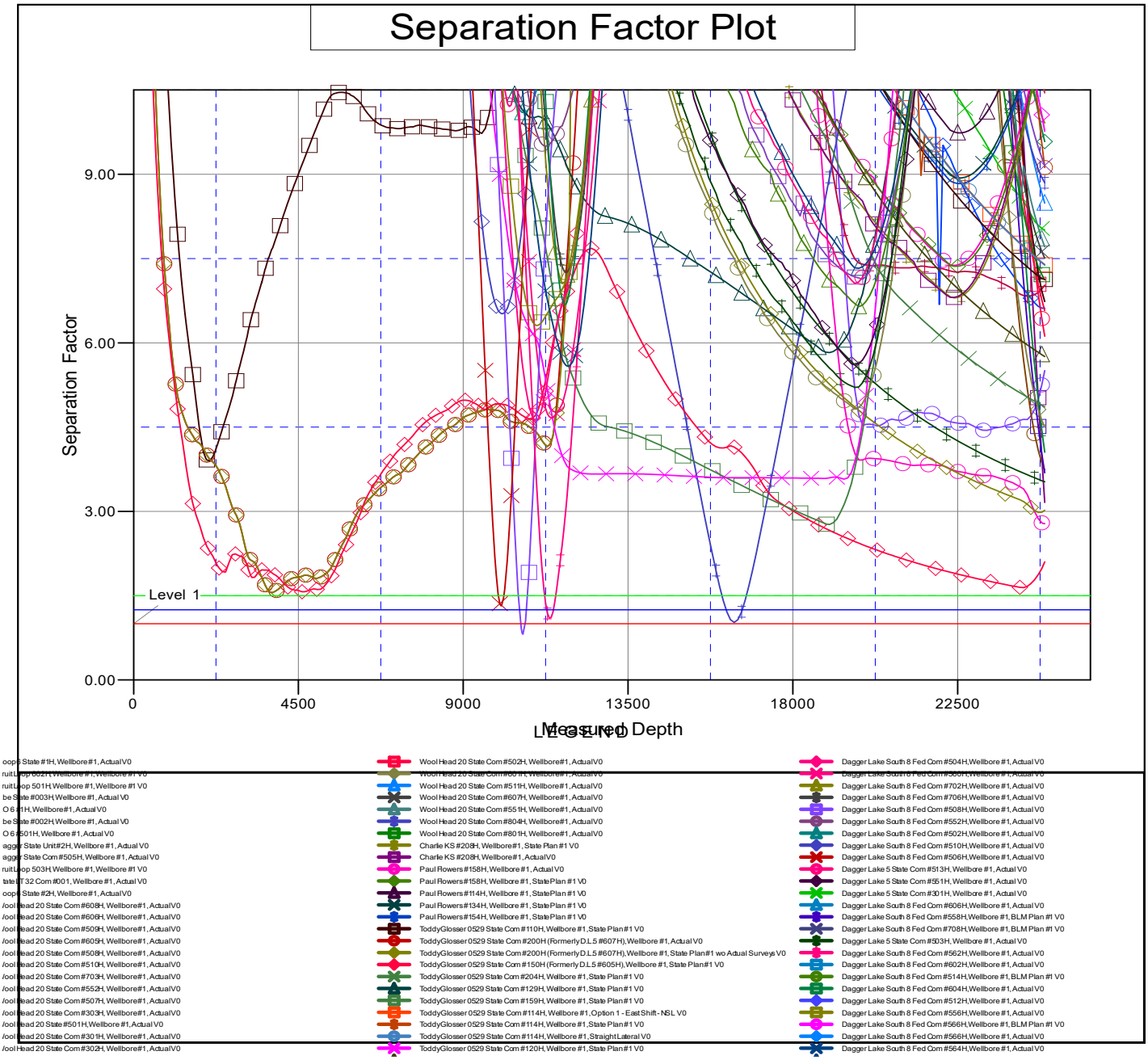
CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3684.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3684.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	State Plan #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB @ 3684.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Toddy Glosser 0529 State Com #152H (Formerly D.L.
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.40°



CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Matador Production Company

Antelope Ridge
Toddy Glosser 0529
Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)

Wellbore #1

Plan: State Plan #1

Standard Planning Report

07 April, 2026

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Project	Antelope Ridge		
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	Toddy Glosser 0529				
Site Position:		**Northing:**	517,977.53 usft	**Latitude:**	32° 25' 18.572 N
From:	Lat/Long	**Easting:**	730,170.73 usft	**Longitude:**	103° 35' 14.670 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.40 °

Well	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)					
Well Position	**+N/-S**	-1,116.2 usft	**Northing:**	516,861.38 usft	**Latitude:**	32° 25' 7.714 N
	+E/-W	-2,723.7 usft	**Easting:**	727,447.01 usft	**Longitude:**	103° 35' 46.534 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,656.0 usft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2015	12/31/2024	6.15	60.13	47,272.70589872

Design	State Plan #1				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**	
	0.0	0.0	0.0	359.58	

Plan Survey Tool Program **Date** 4/7/2026

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	24,879.4	State Plan #1 (Wellbore #1)	MWD	
				OWSG MWD - Standard	

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
172.0	0.62	144.68	172.0	-0.8	0.5	0.36	0.36	0.00	144.68	
267.0	0.70	155.93	267.0	-1.7	1.1	0.16	0.08	11.84	64.02	
361.0	0.40	178.52	361.0	-2.6	1.3	0.39	-0.32	24.03	155.08	
456.0	0.62	183.09	456.0	-3.4	1.3	0.24	0.23	4.81	12.77	
550.0	0.48	182.03	550.0	-4.3	1.3	0.15	-0.15	-1.13	-176.37	
645.0	0.57	170.96	645.0	-5.2	1.3	0.14	0.09	-11.65	-54.04	
739.0	0.18	172.10	739.0	-5.8	1.4	0.41	-0.41	1.21	179.47	
834.0	0.70	199.79	834.0	-6.5	1.2	0.58	0.55	29.15	36.48	
929.0	0.79	201.02	929.0	-7.6	0.8	0.10	0.09	1.29	10.69	
1,024.0	0.75	200.40	1,024.0	-8.8	0.3	0.04	-0.04	-0.65	-168.54	
1,119.0	0.84	228.35	1,118.9	-9.9	-0.4	0.41	0.09	29.42	91.16	
1,147.0	0.79	225.98	1,146.9	-10.1	-0.7	0.22	-0.18	-8.46	-147.19	
1,246.0	1.27	224.05	1,245.9	-11.4	-1.9	0.49	0.48	-1.95	-5.10	
1,341.0	0.70	299.63	1,340.9	-11.9	-3.2	1.36	-0.60	79.56	148.25	
1,435.0	1.14	349.55	1,434.9	-10.7	-3.8	0.93	0.47	53.11	87.76	
1,615.0	0.92	340.68	1,614.9	-7.5	-4.6	0.15	-0.12	-4.93	-148.45	
1,705.0	0.84	339.88	1,704.9	-6.2	-5.1	0.09	-0.09	-0.89	-171.67	
1,795.0	0.84	313.34	1,794.9	-5.2	-5.8	0.43	0.00	-29.49	-103.27	
1,885.0	0.92	333.12	1,884.8	-4.1	-6.6	0.35	0.09	21.98	85.28	
1,975.0	0.66	334.79	1,974.8	-3.0	-7.2	0.29	-0.29	1.86	175.77	
2,064.0	0.84	359.40	2,063.8	-1.8	-7.4	0.41	0.20	27.65	73.49	
2,154.0	0.75	13.72	2,153.8	-0.6	-7.3	0.24	-0.10	15.91	121.42	
2,243.0	0.88	23.92	2,242.8	0.6	-6.8	0.22	0.15	11.46	53.31	
2,333.0	1.32	34.38	2,332.8	2.1	-6.0	0.54	0.49	11.62	29.82	
2,423.0	1.27	36.31	2,422.8	3.7	-4.8	0.07	-0.06	2.14	139.86	
2,512.0	1.71	41.23	2,511.7	5.5	-3.3	0.51	0.49	5.53	18.68	
2,602.0	2.07	46.59	2,601.7	7.6	-1.3	0.45	0.40	5.96	28.85	
2,691.0	1.23	53.27	2,690.7	9.3	0.7	0.97	-0.94	7.51	170.43	
2,781.0	0.84	79.73	2,780.6	10.0	2.1	0.67	-0.43	29.40	141.94	
2,871.0	1.54	75.60	2,870.6	10.4	3.9	0.78	0.78	-4.59	-9.05	
2,960.0	2.02	74.98	2,959.6	11.1	6.6	0.54	0.54	-0.70	-2.61	
3,049.0	1.67	93.88	3,048.5	11.5	9.4	0.78	-0.39	21.24	129.13	
3,139.0	0.92	130.62	3,138.5	10.9	11.2	1.20	-0.83	40.82	149.46	
3,229.0	1.23	93.79	3,228.5	10.4	12.7	0.82	0.34	-40.92	-85.00	
3,318.0	2.20	85.35	3,317.5	10.4	15.4	1.12	1.09	-9.48	-18.84	
3,408.0	2.86	88.96	3,407.4	10.6	19.4	0.75	0.73	4.01	15.38	
3,498.0	0.79	139.32	3,497.3	10.2	22.0	2.70	-2.30	55.96	165.52	
3,587.0	1.32	127.72	3,586.3	9.1	23.2	0.64	0.60	-13.03	-27.82	
3,677.0	0.40	329.69	3,676.3	8.7	23.9	1.89	-1.02	-175.59	-174.94	
3,766.0	0.97	302.27	3,765.3	9.4	23.1	0.72	0.64	-30.81	-44.09	
3,856.0	0.79	297.61	3,855.3	10.1	21.9	0.22	-0.20	-5.18	-160.64	
3,945.0	0.70	256.56	3,944.3	10.3	20.8	0.59	-0.10	-46.12	-119.69	
4,035.0	0.70	253.31	4,034.3	10.0	19.8	0.04	0.00	-3.61	-91.62	
4,124.0	0.70	244.08	4,123.3	9.6	18.8	0.13	0.00	-10.37	-94.61	
4,213.0	0.62	247.69	4,212.3	9.2	17.8	0.10	-0.09	4.06	154.33	
4,303.0	0.48	185.72	4,302.2	8.6	17.3	0.64	-0.16	-68.86	-132.95	

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

4,393.0	0.40	152.68	4,392.2	7.9	17.4	0.29	-0.09	-36.71	-123.56
4,482.0	0.44	161.12	4,481.2	7.3	17.7	0.08	0.04	9.48	61.38
4,572.0	0.62	201.46	4,571.2	6.6	17.6	0.45	0.20	44.82	85.36
4,661.0	0.70	204.88	4,660.2	5.6	17.2	0.10	0.09	3.84	27.93
4,750.0	0.75	206.73	4,749.2	4.6	16.7	0.06	0.06	2.08	26.01
4,840.0	0.88	190.21	4,839.2	3.4	16.4	0.30	0.14	-18.36	-69.47
4,929.0	0.88	191.97	4,928.2	2.1	16.1	0.03	0.00	1.98	90.88
5,019.0	0.97	211.39	5,018.2	0.7	15.5	0.36	0.10	21.58	83.84
5,109.0	1.01	181.77	5,108.2	-0.7	15.1	0.56	0.04	-32.91	-100.44
5,198.0	1.14	199.70	5,197.2	-2.3	14.8	0.40	0.15	20.15	77.99
5,288.0	1.01	200.49	5,287.2	-3.9	14.2	0.15	-0.14	0.88	173.89
5,378.0	0.62	10.47	5,377.1	-4.2	14.0	1.80	-0.43	188.87	176.19
5,468.0	1.98	343.93	5,467.1	-2.2	13.7	1.61	1.51	-29.49	-37.54
5,557.0	2.24	344.28	5,556.1	0.9	12.8	0.29	0.29	0.39	3.01
5,646.0	2.81	333.73	5,645.0	4.6	11.4	0.82	0.64	-11.85	-44.54
5,736.0	3.25	339.80	5,734.9	9.0	9.5	0.60	0.49	6.74	39.16
5,826.0	3.30	336.28	5,824.7	13.7	7.6	0.23	0.06	-3.91	-77.80
5,916.0	3.65	344.10	5,914.5	18.8	5.8	0.65	0.39	8.69	57.50
6,006.0	4.57	344.81	6,004.3	25.1	4.0	1.02	1.02	0.79	3.52
6,096.0	4.22	349.47	6,094.0	31.8	2.5	0.56	-0.39	5.18	136.73
6,185.0	4.44	1.86	6,182.8	38.4	2.0	1.08	0.25	13.92	82.99
6,275.0	5.14	10.30	6,272.5	45.9	2.8	1.10	0.78	9.38	49.45
6,365.0	4.79	3.53	6,362.1	53.6	3.8	0.76	-0.39	-7.52	-124.19
6,454.0	4.62	3.97	6,450.8	60.9	4.3	0.20	-0.19	0.49	168.23
6,544.0	4.18	5.81	6,540.6	67.8	4.8	0.51	-0.49	2.04	163.13
6,634.0	3.87	0.80	6,630.4	74.1	5.2	0.52	-0.34	-5.57	-133.88
6,723.0	3.52	4.76	6,719.2	79.8	5.5	0.49	-0.39	4.45	145.87
6,813.0	3.47	4.85	6,809.0	85.3	5.9	0.06	-0.06	0.10	173.78
6,903.0	3.34	1.07	6,898.8	90.6	6.2	0.29	-0.14	-4.20	-121.95
6,992.0	2.59	2.47	6,987.7	95.2	6.4	0.85	-0.84	1.57	175.18
7,082.0	2.73	10.91	7,077.6	99.3	6.9	0.46	0.16	9.38	74.58
7,172.0	2.95	9.33	7,167.5	103.7	7.6	0.26	0.24	-1.76	-20.38
7,261.0	2.33	4.58	7,256.4	107.8	8.2	0.74	-0.70	-5.34	-162.93
7,351.0	2.20	6.87	7,346.3	111.3	8.5	0.18	-0.14	2.54	146.30
7,441.0	2.24	6.78	7,436.3	114.8	8.9	0.04	0.04	-0.10	-5.03
7,531.0	2.42	1.51	7,526.2	118.4	9.2	0.31	0.20	-5.86	-52.62
7,621.0	2.20	7.66	7,616.1	122.0	9.5	0.37	-0.24	6.83	134.63
7,710.0	1.80	4.05	7,705.1	125.1	9.8	0.47	-0.45	-4.06	-164.32
7,800.0	2.42	8.19	7,795.0	128.4	10.2	0.71	0.69	4.60	15.89
7,889.0	3.30	3.97	7,883.9	132.8	10.6	1.02	0.99	-4.74	-15.57
7,979.0	2.95	3.26	7,973.8	137.7	10.9	0.39	-0.39	-0.79	-174.04
8,069.0	3.38	356.94	8,063.6	142.7	10.9	0.61	0.48	-7.02	-42.24
8,158.0	3.56	354.12	8,152.5	148.1	10.5	0.28	0.20	-3.17	-44.89
8,248.0	2.99	355.97	8,242.3	153.2	10.0	0.64	-0.63	2.06	170.42
8,338.0	3.38	351.05	8,332.2	158.1	9.4	0.53	0.43	-5.47	-37.50
8,427.0	3.60	354.65	8,421.0	163.5	8.8	0.35	0.25	4.04	46.69
8,517.0	3.12	348.67	8,510.9	168.7	8.0	0.66	-0.53	-6.64	-146.82
8,607.0	3.21	1.77	8,600.7	173.7	7.6	0.81	0.10	14.56	89.48
8,696.0	3.25	9.77	8,689.6	178.6	8.1	0.51	0.04	8.99	88.93
8,786.0	2.68	1.15	8,779.5	183.3	8.6	0.80	-0.63	-9.58	-146.22
8,875.0	2.07	3.79	8,868.4	186.9	8.8	0.70	-0.69	2.97	171.15
8,965.0	1.71	356.94	8,958.3	189.9	8.8	0.47	-0.40	-7.61	-151.28

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

9,055.0	1.27	354.47	9,048.3	192.2	8.6	0.49	-0.49	-2.74	-172.93	
9,145.0	0.70	349.03	9,138.3	193.8	8.4	0.64	-0.63	-6.04	-173.40	
9,235.0	0.88	299.89	9,228.3	194.6	7.7	0.75	0.20	-54.60	-100.58	
9,324.0	0.79	271.24	9,317.3	195.0	6.5	0.47	-0.10	-32.19	-116.24	
9,414.0	1.05	246.63	9,407.3	194.7	5.1	0.52	0.29	-27.34	-69.37	
9,504.0	2.11	244.44	9,497.2	193.6	2.9	1.18	1.18	-2.43	-4.36	
9,594.0	1.14	263.86	9,587.2	192.8	0.5	1.22	-1.08	21.58	159.88	
9,684.0	0.79	273.35	9,677.2	192.8	-1.0	0.43	-0.39	10.54	160.15	
9,774.0	1.01	286.62	9,767.2	193.0	-2.4	0.34	0.24	14.74	50.22	
9,864.0	1.19	268.08	9,857.2	193.2	-4.1	0.44	0.20	-20.60	-72.64	
9,953.0	1.36	250.32	9,946.1	192.8	-6.0	0.48	0.19	-19.96	-75.77	
10,043.0	0.57	7.83	10,036.1	192.9	-6.9	1.89	-0.88	130.57	162.70	
10,132.0	1.49	32.44	10,125.1	194.3	-6.3	1.12	1.03	27.65	38.33	
10,222.0	1.36	39.91	10,215.1	196.2	-5.0	0.25	-0.14	8.30	128.68	
10,312.0	0.88	42.29	10,305.1	197.5	-3.8	0.54	-0.53	2.64	175.65	
10,402.0	0.09	283.02	10,395.1	198.0	-3.4	1.03	-0.88	-132.52	-175.14	
10,492.0	0.22	293.22	10,485.1	198.1	-3.6	0.15	0.14	11.33	17.11	
10,582.0	0.35	339.80	10,575.1	198.4	-3.9	0.28	0.14	51.76	85.37	
10,610.0	0.35	27.35	10,603.1	198.6	-3.9	1.01	0.00	169.82	113.77	
10,792.7	4.00	20.00	10,785.6	205.1	-1.4	2.00	2.00	-4.02	-8.05	
10,974.5	4.00	20.00	10,966.9	217.0	2.9	0.00	0.00	0.00	0.00	
11,834.6	90.00	16.00	11,500.0	765.7	162.9	10.00	10.00	-0.47	-4.01	
12,052.6	90.00	16.00	11,500.0	975.2	223.0	0.00	0.00	0.00	0.00	
12,873.6	90.00	359.58	11,500.0	1,785.9	333.9	2.00	0.00	-2.00	-90.00	
24,879.4	90.00	359.58	11,500.0	13,791.4	245.9	0.00	0.00	0.00	0.00	BHL - Toddy Glosser (

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.36	144.68	100.0	-0.3	0.2	-0.3	0.36	0.36	0.00
172.0	0.62	144.68	172.0	-0.8	0.5	-0.8	0.36	0.36	0.00
Start DLS 0.16 TFO 64.02									
200.0	0.64	148.28	200.0	-1.0	0.7	-1.0	0.16	0.07	12.86
267.0	0.70	155.93	267.0	-1.7	1.1	-1.7	0.16	0.09	11.42
Start DLS 0.39 TFO 155.08									
300.0	0.59	161.21	300.0	-2.1	1.2	-2.1	0.39	-0.34	15.99
361.0	0.40	178.52	361.0	-2.6	1.3	-2.6	0.39	-0.31	28.38
Start DLS 0.24 TFO 12.77									
400.0	0.49	180.89	400.0	-2.9	1.3	-2.9	0.24	0.23	6.08
456.0	0.62	183.09	456.0	-3.4	1.3	-3.4	0.24	0.23	3.92
Start DLS 0.15 TFO -176.37									
500.0	0.55	182.66	500.0	-3.9	1.3	-3.9	0.15	-0.15	-0.98
550.0	0.48	182.03	550.0	-4.3	1.3	-4.3	0.15	-0.15	-1.26
Start DLS 0.14 TFO -54.04									
600.0	0.52	175.73	600.0	-4.7	1.3	-4.8	0.14	0.09	-12.60
645.0	0.57	170.96	645.0	-5.2	1.3	-5.2	0.14	0.10	-10.60
Start DLS 0.41 TFO 179.47									
700.0	0.34	171.31	700.0	-5.6	1.4	-5.6	0.41	-0.41	0.64
739.0	0.18	172.10	739.0	-5.8	1.4	-5.8	0.41	-0.41	2.02
Start DLS 0.58 TFO 36.48									
800.0	0.51	196.41	800.0	-6.1	1.3	-6.1	0.58	0.54	39.85
834.0	0.70	199.79	834.0	-6.5	1.2	-6.5	0.58	0.57	9.95
Start DLS 0.10 TFO 10.69									
900.0	0.76	200.68	900.0	-7.3	0.9	-7.3	0.10	0.09	1.34
929.0	0.79	201.02	929.0	-7.6	0.8	-7.6	0.10	0.09	1.19
Start DLS 0.04 TFO -168.54									
1,000.0	0.76	200.56	1,000.0	-8.5	0.5	-8.5	0.04	-0.04	-0.64
1,024.0	0.75	200.40	1,024.0	-8.8	0.3	-8.8	0.04	-0.04	-0.68
Start DLS 0.41 TFO 91.16									
1,100.0	0.81	223.36	1,099.9	-9.7	-0.2	-9.7	0.41	0.08	30.20
1,119.0	0.84	228.35	1,118.9	-9.9	-0.4	-9.9	0.41	0.17	26.29
Start DLS 0.22 TFO -147.19									
1,147.0	0.79	225.98	1,146.9	-10.1	-0.7	-10.1	0.22	-0.18	-8.46
Start DLS 0.49 TFO -5.10									
1,200.0	1.05	224.73	1,199.9	-10.7	-1.3	-10.7	0.49	0.48	-2.36
1,246.0	1.27	224.05	1,245.9	-11.4	-1.9	-11.4	0.49	0.49	-1.47
Start DLS 1.36 TFO 148.25									
1,300.0	0.75	254.82	1,299.9	-11.9	-2.7	-11.9	1.36	-0.96	56.99
1,341.0	0.70	299.63	1,340.9	-11.9	-3.2	-11.8	1.36	-0.13	109.29
Start DLS 0.93 TFO 87.76									
1,400.0	0.91	336.83	1,399.9	-11.3	-3.7	-11.2	0.93	0.35	63.05
1,429.1	1.10	347.79	1,429.0	-10.8	-3.8	-10.8	0.93	0.66	37.69
Z (Rustler)									
1,435.0	1.14	349.55	1,434.9	-10.7	-3.8	-10.6	0.93	0.72	29.76
Start DLS 0.15 TFO -148.45									
1,500.0	1.06	346.77	1,499.9	-9.4	-4.1	-9.4	0.15	-0.13	-4.27
1,600.0	0.94	341.58	1,599.9	-7.8	-4.6	-7.7	0.15	-0.12	-5.20
1,615.0	0.92	340.68	1,614.9	-7.5	-4.6	-7.5	0.15	-0.12	-5.97

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Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
Start DLS 0.09 TFO -171.67									
1,700.0	0.84	339.93	1,699.9	-6.3	-5.1	-6.3	0.09	-0.09	-0.88
1,705.0	0.84	339.88	1,704.9	-6.2	-5.1	-6.2	0.09	-0.09	-0.97
Start DLS 0.43 TFO -103.27									
1,795.0	0.84	313.34	1,794.9	-5.2	-5.8	-5.1	0.43	0.00	-29.49
Start DLS 0.35 TFO 85.28									
1,800.0	0.84	314.52	1,799.9	-5.1	-5.9	-5.1	0.35	0.03	23.55
1,881.2	0.91	332.36	1,881.0	-4.1	-6.6	-4.1	0.35	0.09	21.98
Z (Salado)									
1,885.0	0.92	333.12	1,884.8	-4.1	-6.6	-4.0	0.35	0.14	19.79
Start DLS 0.29 TFO 175.77									
1,900.0	0.88	333.33	1,899.8	-3.9	-6.7	-3.8	0.29	-0.29	1.40
1,975.0	0.66	334.79	1,974.8	-3.0	-7.2	-2.9	0.29	-0.29	1.95
Start DLS 0.41 TFO 73.49									
2,000.0	0.70	342.90	1,999.8	-2.7	-7.3	-2.6	0.41	0.14	32.46
2,064.0	0.84	359.40	2,063.8	-1.8	-7.4	-1.8	0.41	0.22	25.77
Start DLS 0.24 TFO 121.42									
2,100.0	0.80	4.73	2,099.8	-1.3	-7.4	-1.3	0.24	-0.12	14.82
2,154.0	0.75	13.72	2,153.8	-0.6	-7.3	-0.6	0.24	-0.09	16.64
Start DLS 0.22 TFO 53.31									
2,200.0	0.81	19.40	2,199.8	0.0	-7.1	0.0	0.22	0.14	12.34
2,243.0	0.88	23.92	2,242.8	0.6	-6.8	0.6	0.22	0.15	10.51
Start DLS 0.54 TFO 29.82									
2,300.0	1.15	31.47	2,299.8	1.5	-6.4	1.5	0.54	0.48	13.25
2,333.0	1.32	34.38	2,332.8	2.1	-6.0	2.1	0.54	0.50	8.81
Start DLS 0.07 TFO 139.86									
2,400.0	1.28	35.80	2,399.8	3.3	-5.1	3.3	0.07	-0.06	2.12
2,423.0	1.27	36.31	2,422.8	3.7	-4.8	3.8	0.07	-0.05	2.21
Start DLS 0.51 TFO 18.68									
2,500.0	1.65	40.72	2,499.7	5.3	-3.6	5.3	0.51	0.49	5.73
2,512.0	1.71	41.23	2,511.7	5.5	-3.3	5.5	0.51	0.50	4.25
Start DLS 0.45 TFO 28.85									
2,600.0	2.06	46.49	2,599.7	7.6	-1.3	7.6	0.45	0.40	5.98
2,602.0	2.07	46.59	2,601.7	7.6	-1.3	7.7	0.45	0.41	4.93
Start DLS 0.97 TFO 170.43									
2,691.0	1.23	53.27	2,690.7	9.3	0.7	9.3	0.97	-0.94	7.51
Start DLS 0.67 TFO 141.94									
2,700.0	1.18	55.08	2,699.7	9.4	0.8	9.4	0.67	-0.52	20.15
2,781.0	0.84	79.73	2,780.6	10.0	2.1	10.0	0.67	-0.42	30.43
Start DLS 0.78 TFO -9.05									
2,800.0	0.99	78.37	2,799.6	10.1	2.4	10.1	0.78	0.77	-7.15
2,871.0	1.54	75.60	2,870.6	10.4	3.9	10.4	0.78	0.78	-3.90
Start DLS 0.54 TFO -2.61									
2,900.0	1.70	75.36	2,899.6	10.6	4.7	10.6	0.54	0.54	-0.83
2,960.0	2.02	74.98	2,959.6	11.1	6.6	11.1	0.54	0.54	-0.63
Start DLS 0.78 TFO 129.13									
3,000.0	1.84	82.58	2,999.6	11.4	7.9	11.3	0.78	-0.45	19.00
3,049.0	1.67	93.88	3,048.5	11.5	9.4	11.4	0.78	-0.34	23.06
Start DLS 1.20 TFO 149.46									
3,100.0	1.18	109.16	3,099.5	11.2	10.6	11.2	1.20	-0.95	29.96

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
3,139.0	0.92	130.62	3,138.5	10.9	11.2	10.8	1.20	-0.68	55.02
Start DLS 0.82 TFO -85.00									
3,200.0	1.09	103.21	3,199.5	10.4	12.2	10.4	0.82	0.27	-44.93
3,229.0	1.23	93.79	3,228.5	10.4	12.7	10.3	0.82	0.50	-32.49
Start DLS 1.12 TFO -18.84									
3,300.0	2.00	86.40	3,299.5	10.4	14.7	10.3	1.12	1.09	-10.41
3,318.0	2.20	85.35	3,317.5	10.4	15.4	10.3	1.12	1.10	-5.81
Start DLS 0.75 TFO 15.38									
3,400.0	2.80	88.71	3,399.4	10.6	19.0	10.5	0.75	0.73	4.10
3,408.0	2.86	88.96	3,407.4	10.6	19.4	10.5	0.75	0.74	3.15
Start DLS 2.70 TFO 165.52									
3,498.0	0.79	139.32	3,497.3	10.2	22.0	10.0	2.70	-2.30	55.96
Start DLS 0.64 TFO -27.82									
3,500.0	0.80	138.89	3,499.3	10.2	22.0	10.0	0.64	0.57	-21.32
3,587.0	1.32	127.72	3,586.3	9.1	23.2	8.9	0.64	0.60	-12.84
Start DLS 1.89 TFO -174.94									
3,600.0	1.08	126.57	3,599.3	8.9	23.4	8.8	1.89	-1.88	-8.86
3,677.0	0.40	329.69	3,676.3	8.7	23.9	8.6	1.89	-0.88	-203.74
Start DLS 0.72 TFO -44.09									
3,700.0	0.53	317.15	3,699.3	8.9	23.8	8.7	0.72	0.57	-54.51
3,766.0	0.97	302.27	3,765.3	9.4	23.1	9.2	0.72	0.66	-22.55
Start DLS 0.22 TFO -160.64									
3,800.0	0.90	300.73	3,799.3	9.7	22.6	9.5	0.22	-0.20	-4.53
3,856.0	0.79	297.61	3,855.3	10.1	21.9	9.9	0.22	-0.20	-5.57
Start DLS 0.59 TFO -119.69									
3,900.0	0.70	278.62	3,899.3	10.3	21.4	10.1	0.59	-0.21	-43.16
3,945.0	0.70	256.56	3,944.3	10.3	20.8	10.1	0.59	0.00	-49.02
Start Turn -3.61									
4,000.0	0.70	254.57	3,999.3	10.1	20.2	9.9	0.04	0.00	-3.61
4,035.0	0.70	253.31	4,034.3	10.0	19.8	9.8	0.04	0.00	-3.61
Start DLS 0.13 TFO -94.61									
4,100.0	0.70	246.57	4,099.3	9.7	19.0	9.6	0.13	0.00	-10.38
4,124.0	0.70	244.08	4,123.3	9.6	18.8	9.4	0.13	0.01	-10.36
Start DLS 0.10 TFO 154.33									
4,200.0	0.63	247.11	4,199.3	9.2	18.0	9.1	0.10	-0.09	3.98
4,213.0	0.62	247.69	4,212.3	9.2	17.8	9.0	0.10	-0.09	4.49
Start DLS 0.64 TFO -132.95									
4,300.0	0.47	187.93	4,299.2	8.6	17.3	8.5	0.64	-0.17	-68.69
4,303.0	0.48	185.72	4,302.2	8.6	17.3	8.5	0.64	0.20	-73.51
Start DLS 0.29 TFO -123.56									
4,393.0	0.40	152.68	4,392.2	7.9	17.4	7.8	0.29	-0.09	-36.71
Start DLS 0.08 TFO 61.38									
4,400.0	0.40	153.40	4,399.2	7.9	17.5	7.8	0.08	0.04	10.32
4,482.0	0.44	161.12	4,481.2	7.3	17.7	7.2	0.08	0.05	9.41
Start DLS 0.45 TFO 85.36									
4,500.0	0.45	171.31	4,499.2	7.2	17.7	7.1	0.45	0.08	56.62
4,572.0	0.62	201.46	4,571.2	6.6	17.6	6.4	0.45	0.23	41.87
Start DLS 0.10 TFO 27.93									
4,600.0	0.64	202.63	4,599.2	6.3	17.5	6.1	0.10	0.09	4.17
4,661.0	0.70	204.88	4,660.2	5.6	17.2	5.5	0.10	0.09	3.69

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
Start DLS 0.06 TFO 26.01									
4,697.8	0.72	205.67	4,697.0	5.2	17.0	5.1	0.06	0.06	2.16
Z (G30:CS14-CSB)									
4,700.0	0.72	205.72	4,699.2	5.2	17.0	5.1	0.06	0.06	2.12
4,750.0	0.75	206.73	4,749.2	4.6	16.7	4.5	0.06	0.06	2.02
Start DLS 0.30 TFO -69.47									
4,800.0	0.81	196.90	4,799.2	4.0	16.5	3.9	0.30	0.13	-19.67
4,840.0	0.88	190.21	4,839.2	3.4	16.4	3.3	0.30	0.16	-16.72
Start DLS 0.03 TFO 90.88									
4,900.0	0.88	191.40	4,899.2	2.5	16.2	2.4	0.03	0.00	1.98
4,929.0	0.88	191.97	4,928.2	2.1	16.1	1.9	0.03	0.00	1.98
Start DLS 0.36 TFO 83.84									
5,000.0	0.94	207.63	4,999.2	1.0	15.7	0.9	0.36	0.09	22.06
5,000.8	0.94	207.63	5,000.0	1.0	15.7	0.9	0.00	0.00	0.00
Z (G26: Bell Cyn.)									
5,019.0	0.97	211.39	5,018.2	0.7	15.5	0.6	0.38	0.15	20.65
Start DLS 0.56 TFO -100.44									
5,100.0	0.99	184.53	5,099.2	-0.6	15.1	-0.7	0.56	0.03	-33.16
5,109.0	1.01	181.77	5,108.2	-0.7	15.1	-0.8	0.56	0.17	-30.70
Start DLS 0.40 TFO 77.99									
5,198.0	1.14	199.70	5,197.2	-2.3	14.8	-2.4	0.40	0.15	20.15
Start DLS 0.15 TFO 173.89									
5,200.0	1.14	199.72	5,199.2	-2.4	14.8	-2.5	0.15	-0.14	0.78
5,288.0	1.01	200.49	5,287.2	-3.9	14.2	-4.0	0.15	-0.14	0.88
Start DLS 1.80 TFO 176.19									
5,300.0	0.79	201.53	5,299.1	-4.1	14.2	-4.2	1.80	-1.80	8.65
5,378.0	0.62	10.47	5,377.1	-4.2	14.0	-4.3	1.80	-0.22	216.59
Start DLS 1.61 TFO -37.54									
5,400.0	0.93	356.98	5,399.1	-3.9	14.0	-4.0	1.61	1.40	-61.32
5,468.0	1.98	343.93	5,467.1	-2.2	13.7	-2.3	1.61	1.55	-19.19
Start DLS 0.29 TFO 3.01									
5,500.0	2.07	344.07	5,499.1	-1.1	13.4	-1.2	0.29	0.29	0.42
5,557.0	2.24	344.28	5,556.1	0.9	12.8	0.9	0.29	0.29	0.38
Start DLS 0.82 TFO -44.54									
5,600.0	2.50	338.59	5,599.0	2.6	12.2	2.5	0.82	0.62	-13.24
5,646.0	2.81	333.73	5,645.0	4.6	11.4	4.5	0.82	0.66	-10.55
Start DLS 0.60 TFO 39.16									
5,700.0	3.07	337.58	5,698.9	7.1	10.2	7.0	0.60	0.48	7.13
5,736.0	3.25	339.80	5,734.9	9.0	9.5	8.9	0.60	0.50	6.16
Start DLS 0.23 TFO -77.80									
5,800.0	3.28	337.29	5,798.7	12.3	8.2	12.3	0.23	0.05	-3.93
5,826.0	3.30	336.28	5,824.7	13.7	7.6	13.7	0.23	0.06	-3.87
Start DLS 0.65 TFO 57.50									
5,900.0	3.58	342.82	5,898.6	17.9	6.0	17.8	0.65	0.38	8.84
5,916.0	3.65	344.10	5,914.5	18.8	5.8	18.8	0.65	0.42	7.98
Start DLS 1.02 TFO 3.52									
6,000.0	4.51	344.77	5,998.3	24.6	4.2	24.6	1.02	1.02	0.80
6,006.0	4.57	344.81	6,004.3	25.1	4.0	25.0	1.02	1.02	0.64
Start DLS 0.56 TFO 136.73									
6,096.0	4.22	349.47	6,094.0	31.8	2.5	31.8	0.56	-0.39	5.18

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
Start DLS 1.08 TFO 82.99									
6,100.0	4.23	350.05	6,098.0	32.1	2.4	32.0	1.08	0.14	14.51
6,125.0	4.27	353.64	6,123.0	33.9	2.2	33.9	1.08	0.18	14.36
Z (G13: Cherry Cyn.)									
6,185.0	4.44	1.86	6,182.8	38.4	2.0	38.4	1.08	0.28	13.70
Start DLS 1.10 TFO 49.45									
6,200.0	4.55	3.44	6,197.7	39.6	2.1	39.6	1.10	0.73	10.56
6,275.0	5.14	10.30	6,272.5	45.9	2.8	45.9	1.10	0.79	9.14
Start DLS 0.76 TFO -124.19									
6,300.0	5.04	8.51	6,297.4	48.1	3.2	48.0	0.76	-0.42	-7.14
6,365.0	4.79	3.53	6,362.1	53.6	3.8	53.6	0.76	-0.38	-7.67
Start DLS 0.20 TFO 168.23									
6,400.0	4.72	3.70	6,397.0	56.5	4.0	56.5	0.20	-0.19	0.48
6,454.0	4.62	3.97	6,450.8	60.9	4.3	60.9	0.20	-0.19	0.50
Start DLS 0.51 TFO 163.13									
6,500.0	4.39	4.86	6,496.7	64.5	4.5	64.5	0.51	-0.49	1.94
6,544.0	4.18	5.81	6,540.6	67.8	4.8	67.7	0.51	-0.49	2.15
Start DLS 0.52 TFO -133.88									
6,600.0	3.98	2.78	6,596.4	71.7	5.1	71.7	0.52	-0.35	-5.40
6,634.0	3.87	0.80	6,630.4	74.1	5.2	74.0	0.52	-0.33	-5.83
Start DLS 0.49 TFO 145.87									
6,700.0	3.61	3.66	6,696.2	78.4	5.4	78.3	0.49	-0.40	4.34
6,723.0	3.52	4.76	6,719.2	79.8	5.5	79.8	0.49	-0.39	4.77
Start DLS 0.06 TFO 173.78									
6,800.0	3.48	4.84	6,796.0	84.5	5.9	84.4	0.06	-0.06	0.10
6,813.0	3.47	4.85	6,809.0	85.3	5.9	85.2	0.06	-0.06	0.10
Start DLS 0.29 TFO -121.95									
6,900.0	3.34	1.20	6,895.8	90.4	6.2	90.4	0.29	-0.14	-4.19
6,903.0	3.34	1.07	6,898.8	90.6	6.2	90.5	0.29	-0.14	-4.35
Start DLS 0.85 TFO 175.18									
6,992.0	2.59	2.47	6,987.7	95.2	6.4	95.1	0.85	-0.84	1.57
Start DLS 0.46 TFO 74.58									
7,000.0	2.60	3.25	6,995.7	95.6	6.4	95.5	0.46	0.13	9.81
7,082.0	2.73	10.91	7,077.6	99.3	6.9	99.3	0.46	0.16	9.34
Start DLS 0.26 TFO -20.38									
7,090.4	2.75	10.75	7,086.0	99.7	6.9	99.7	0.26	0.24	-1.88
Z (G7: Brushy Cyn.) Antelope Ridge									
7,100.0	2.77	10.57	7,095.6	100.2	7.0	100.1	0.26	0.24	-1.85
7,172.0	2.95	9.33	7,167.5	103.7	7.6	103.7	0.26	0.24	-1.73
Start DLS 0.74 TFO -162.93									
7,200.0	2.75	8.07	7,195.5	105.1	7.8	105.0	0.74	-0.70	-4.51
7,261.0	2.33	4.58	7,256.4	107.8	8.2	107.7	0.74	-0.69	-5.72
Start DLS 0.18 TFO 146.30									
7,300.0	2.27	5.54	7,295.4	109.3	8.3	109.3	0.18	-0.15	2.46
7,351.0	2.20	6.87	7,346.3	111.3	8.5	111.3	0.18	-0.14	2.61
Start DLS 0.04 TFO -5.03									
7,400.0	2.22	6.82	7,395.3	113.2	8.7	113.1	0.04	0.04	-0.10
7,441.0	2.24	6.78	7,436.3	114.8	8.9	114.7	0.04	0.04	-0.10
Start DLS 0.31 TFO -52.62									
7,500.0	2.36	3.23	7,495.2	117.1	9.1	117.1	0.31	0.20	-6.01

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
7,531.0	2.42	1.51	7,526.2	118.4	9.2	118.4	0.31	0.21	-5.56
Start DLS 0.37 TFO 134.63									
7,600.0	2.25	6.12	7,595.1	121.2	9.4	121.2	0.37	-0.25	6.68
7,621.0	2.20	7.66	7,616.1	122.0	9.5	122.0	0.37	-0.23	7.34
Start DLS 0.47 TFO -164.32									
7,700.0	1.84	4.53	7,695.1	124.8	9.8	124.7	0.47	-0.45	-3.96
7,710.0	1.80	4.05	7,705.1	125.1	9.8	125.1	0.47	-0.45	-4.83
Start DLS 0.71 TFO 15.89									
7,800.0	2.42	8.19	7,795.0	128.4	10.2	128.3	0.71	0.69	4.60
Start DLS 1.02 TFO -15.57									
7,889.0	3.30	3.97	7,883.9	132.8	10.6	132.8	1.02	0.99	-4.74
Start DLS 0.39 TFO -174.04									
7,900.0	3.26	3.89	7,894.9	133.5	10.6	133.4	0.39	-0.39	-0.71
7,979.0	2.95	3.26	7,973.8	137.7	10.9	137.7	0.39	-0.39	-0.80
Start DLS 0.61 TFO -42.24									
8,000.0	3.05	1.63	7,994.7	138.8	11.0	138.7	0.61	0.46	-7.77
8,069.0	3.38	356.94	8,063.6	142.7	10.9	142.6	0.61	0.48	-6.79
Start DLS 0.28 TFO -44.89									
8,100.0	3.44	355.92	8,094.6	144.5	10.8	144.5	0.28	0.20	-3.28
8,158.0	3.56	354.12	8,152.5	148.1	10.5	148.0	0.28	0.20	-3.11
Start DLS 0.64 TFO 170.42									
8,200.0	3.29	354.90	8,194.4	150.6	10.2	150.5	0.64	-0.63	1.87
8,248.0	2.99	355.97	8,242.3	153.2	10.0	153.1	0.64	-0.63	2.22
Start DLS 0.53 TFO -37.50									
8,300.0	3.21	352.98	8,294.2	156.0	9.8	155.9	0.53	0.43	-5.75
8,338.0	3.38	351.05	8,332.2	158.1	9.4	158.1	0.53	0.44	-5.08
Start DLS 0.35 TFO 46.69									
8,400.0	3.53	353.61	8,394.1	161.9	8.9	161.8	0.35	0.24	4.12
8,427.0	3.60	354.65	8,421.0	163.5	8.8	163.5	0.35	0.25	3.87
Start DLS 0.66 TFO -146.82									
8,500.0	3.21	349.94	8,493.9	167.8	8.2	167.7	0.66	-0.54	-6.46
8,500.1	3.21	349.94	8,494.0	167.8	8.2	167.8	0.00	0.00	0.00
G5: L. Brushy Cyn.									
8,517.0	3.12	348.67	8,510.9	168.7	8.0	168.7	0.66	-0.52	-7.49
Start DLS 0.81 TFO 89.48									
8,600.0	3.20	0.78	8,593.7	173.3	7.6	173.2	0.81	0.09	14.60
8,607.0	3.21	1.77	8,600.7	173.7	7.6	173.6	0.81	0.18	14.08
Start DLS 0.51 TFO 88.93									
8,696.0	3.25	9.77	8,689.6	178.6	8.1	178.6	0.51	0.04	8.99
Start DLS 0.80 TFO -146.22									
8,700.0	3.22	9.45	8,693.6	178.9	8.2	178.8	0.80	-0.67	-7.93
8,786.0	2.68	1.15	8,779.5	183.3	8.6	183.2	0.80	-0.63	-9.65
Start DLS 0.70 TFO 171.15									
8,796.5	2.61	1.40	8,790.0	183.7	8.6	183.7	0.70	-0.69	2.35
Z (G4: BSGL (CS9))									
8,800.0	2.58	1.48	8,793.5	183.9	8.6	183.8	0.70	-0.69	2.44
8,875.0	2.07	3.79	8,868.4	186.9	8.8	186.9	0.70	-0.68	3.08
Start DLS 0.47 TFO -151.28									
8,900.0	1.97	2.14	8,893.4	187.8	8.8	187.7	0.47	-0.41	-6.60
8,965.0	1.71	356.94	8,958.3	189.9	8.8	189.8	0.47	-0.40	-8.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
Start DLS 0.49 TFO -172.93									
9,000.0	1.54	356.15	8,993.3	190.9	8.7	190.8	0.49	-0.49	-2.26
9,055.0	1.27	354.47	9,048.3	192.2	8.6	192.2	0.49	-0.49	-3.05
Start DLS 0.64 TFO -173.40									
9,100.0	0.98	352.54	9,093.3	193.1	8.5	193.0	0.64	-0.64	-4.29
9,145.0	0.70	349.03	9,138.3	193.8	8.4	193.7	0.64	-0.63	-7.79
Start DLS 0.75 TFO -100.58									
9,200.0	0.74	315.94	9,193.3	194.4	8.1	194.3	0.75	0.08	-60.17
9,235.0	0.88	299.89	9,228.3	194.6	7.7	194.6	0.75	0.39	-45.84
Start DLS 0.47 TFO -116.24									
9,300.0	0.79	279.48	9,293.3	195.0	6.8	194.9	0.47	-0.13	-31.39
9,324.0	0.79	271.24	9,317.3	195.0	6.5	194.9	0.47	-0.01	-34.35
Start DLS 0.52 TFO -69.37									
9,400.0	1.00	249.56	9,393.3	194.8	5.4	194.7	0.52	0.28	-28.52
9,403.7	1.01	248.75	9,397.0	194.8	5.3	194.7	0.52	0.35	-21.72
L8.2: U. Avalon Shale									
9,414.0	1.05	246.63	9,407.3	194.7	5.1	194.6	0.52	0.36	-20.69
Start DLS 1.18 TFO -4.36									
9,500.0	2.06	244.49	9,493.2	193.7	3.0	193.7	1.18	1.18	-2.49
9,504.0	2.11	244.44	9,497.2	193.6	2.9	193.6	1.18	1.18	-1.24
Start DLS 1.22 TFO 159.88									
9,585.8	1.22	260.86	9,579.0	192.9	0.7	192.8	1.22	-1.09	20.07
L6.3: Avalon Carb									
9,594.0	1.14	263.86	9,587.2	192.8	0.5	192.8	1.22	-0.96	36.65
Start DLS 0.43 TFO 160.15									
9,600.0	1.12	264.31	9,593.2	192.8	0.4	192.8	0.43	-0.40	7.43
9,684.0	0.79	273.35	9,677.2	192.8	-1.0	192.8	0.43	-0.39	10.77
Start DLS 0.34 TFO 50.22									
9,700.0	0.83	276.21	9,693.2	192.8	-1.2	192.8	0.34	0.22	17.89
9,765.8	0.99	285.66	9,759.0	193.0	-2.3	193.0	0.34	0.25	14.36
Z (L5.3: FBSC)									
9,774.0	1.01	286.62	9,767.2	193.0	-2.4	193.1	0.34	0.27	11.68
Start DLS 0.44 TFO -72.64									
9,800.0	1.05	280.64	9,793.2	193.1	-2.8	193.2	0.44	0.15	-22.99
9,864.0	1.19	268.08	9,857.2	193.2	-4.1	193.3	0.44	0.22	-19.63
Start DLS 0.48 TFO -75.77									
9,900.0	1.24	260.33	9,893.1	193.2	-4.8	193.2	0.48	0.15	-21.53
9,953.0	1.36	250.32	9,946.1	192.8	-6.0	192.9	0.48	0.22	-18.88
Start DLS 1.89 TFO 162.70									
9,995.9	0.63	272.64	9,989.0	192.7	-6.7	192.7	1.89	-1.69	52.05
Z (L5.1: FBSG)									
10,000.0	0.58	277.59	9,993.1	192.7	-6.8	192.7	1.89	-1.40	119.90
10,043.0	0.57	7.83	10,036.1	192.9	-6.9	193.0	1.89	-0.01	209.87
Start DLS 1.12 TFO 38.33									
10,100.0	1.14	28.16	10,093.1	193.7	-6.6	193.8	1.12	1.01	35.67
10,132.0	1.49	32.44	10,125.1	194.3	-6.3	194.4	1.12	1.08	13.37
Start DLS 0.25 TFO 128.68									
10,200.0	1.39	37.96	10,193.1	195.7	-5.3	195.8	0.25	-0.15	8.11
10,222.0	1.36	39.91	10,215.1	196.2	-5.0	196.2	0.25	-0.13	8.88

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
Start DLS 0.54 TFO 175.65									
10,266.9	1.12	40.84	10,260.0	196.9	-4.3	196.9	0.54	-0.53	2.08
Z (L4.3: SBSC)									
10,300.0	0.94	41.83	10,293.1	197.3	-3.9	197.4	0.54	-0.53	2.99
10,312.0	0.88	42.29	10,305.1	197.5	-3.8	197.5	0.54	-0.53	3.81
Start DLS 1.03 TFO -175.14									
10,400.0	0.08	295.29	10,393.1	198.0	-3.4	198.0	1.03	-0.91	-121.59
10,402.0	0.09	283.02	10,395.1	198.0	-3.4	198.0	1.03	0.49	-613.48
Start DLS 0.15 TFO 17.11									
10,492.0	0.22	293.22	10,485.1	198.1	-3.6	198.1	0.15	0.14	11.33
Start DLS 0.28 TFO 85.37									
10,500.0	0.22	299.04	10,493.1	198.1	-3.7	198.1	0.28	0.04	72.71
10,582.0	0.35	339.80	10,575.1	198.4	-3.9	198.4	0.28	0.15	49.71
Start Turn 169.82									
10,600.0	0.32	10.75	10,593.1	198.5	-3.9	198.5	1.01	-0.15	171.94
10,610.0	0.35	27.35	10,603.1	198.6	-3.9	198.6	1.01	0.27	166.01
Start DLS 2.00 TFO -8.05									
10,627.9	0.71	23.27	10,621.0	198.7	-3.8	198.8	2.00	1.99	-22.72
Z (L4.1: SBSG)									
10,700.0	2.15	20.61	10,693.0	200.4	-3.2	200.4	2.00	2.00	-3.70
10,792.7	4.00	20.00	10,785.6	205.1	-1.4	205.1	2.00	2.00	-0.65
Start 181.8 hold at 10792.7 MD									
10,800.0	4.00	20.00	10,792.9	205.5	-1.3	205.5	0.00	0.00	0.00
10,900.0	4.00	20.00	10,892.6	212.1	1.1	212.1	0.00	0.00	0.00
10,974.5	4.00	20.00	10,966.9	217.0	2.9	217.0	0.00	0.00	0.00
Start DLS 10.00 TFO -4.01									
11,000.0	6.55	18.43	10,992.3	219.2	3.7	219.2	10.00	9.99	-6.13
11,100.0	16.55	16.94	11,090.2	238.3	9.6	238.2	10.00	10.00	-1.49
11,200.0	26.55	16.56	11,183.1	273.4	20.2	273.3	10.00	10.00	-0.38
11,229.3	29.48	16.49	11,209.0	286.6	24.1	286.4	10.00	10.00	-0.22
Z (L3.3: TBSC)									
11,300.0	36.55	16.38	11,268.2	323.5	35.0	323.3	10.00	10.00	-0.17
11,400.0	46.55	16.26	11,343.0	387.1	53.6	386.7	10.00	10.00	-0.11
11,500.0	56.54	16.18	11,405.1	462.2	75.4	461.6	10.00	10.00	-0.08
11,586.2	65.16	16.13	11,447.0	534.4	96.4	533.7	10.00	10.00	-0.06
Lower TBSC									
11,600.0	66.54	16.12	11,452.7	546.5	99.9	545.8	10.00	10.00	-0.06
11,700.0	76.54	16.07	11,484.3	637.6	126.1	636.6	10.00	10.00	-0.05
11,800.0	86.54	16.02	11,499.0	732.5	153.4	731.4	10.00	10.00	-0.05
11,834.6	90.00	16.00	11,500.0	765.7	162.9	764.5	10.00	10.00	-0.05
Start 218.0 hold at 11834.6 MD									
11,871.3	90.00	16.00	11,500.0	801.1	173.1	799.8	0.00	0.00	0.00
KOP - Toddy Glosser 0529 State Com #152H									
11,873.4	90.00	16.00	11,500.0	803.0	173.6	801.7	0.00	0.00	0.00
FPP - Toddy Glosser 0529 State Com #152H									
11,900.0	90.00	16.00	11,500.0	828.6	181.0	827.3	0.00	0.00	0.00
12,000.0	90.00	16.00	11,500.0	924.7	208.5	923.2	0.00	0.00	0.00
12,052.6	90.00	16.00	11,500.0	975.2	223.0	973.6	0.00	0.00	0.00
Start DLS 2.00 TFO -90.00									
12,100.0	90.00	15.05	11,500.0	1,021.0	235.7	1,019.2	2.00	0.00	-2.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
12,200.0	90.00	13.05	11,500.0	1,118.0	260.0	1,116.0	2.00	0.00	-2.00
12,300.0	90.00	11.05	11,500.0	1,215.8	280.9	1,213.7	2.00	0.00	-2.00
12,400.0	90.00	9.05	11,500.0	1,314.2	298.3	1,312.0	2.00	0.00	-2.00
12,500.0	90.00	7.05	11,500.0	1,413.2	312.3	1,410.9	2.00	0.00	-2.00
12,600.0	90.00	5.05	11,500.0	1,512.7	322.9	1,510.3	2.00	0.00	-2.00
12,700.0	90.00	3.05	11,500.0	1,612.4	329.9	1,609.9	2.00	0.00	-2.00
12,800.0	90.00	1.05	11,500.0	1,712.3	333.5	1,709.8	2.00	0.00	-2.00
12,873.6	90.00	359.58	11,500.0	1,785.9	333.9	1,783.4	2.00	0.00	-2.00
Start 12005.8 hold at 12873.6 MD									
12,900.0	90.00	359.58	11,500.0	1,812.3	333.7	1,809.8	0.00	0.00	0.00
13,000.0	90.00	359.58	11,500.0	1,912.3	333.0	1,909.8	0.00	0.00	0.00
13,100.0	90.00	359.58	11,500.0	2,012.3	332.3	2,009.8	0.00	0.00	0.00
13,200.0	90.00	359.58	11,500.0	2,112.3	331.5	2,109.8	0.00	0.00	0.00
13,300.0	90.00	359.58	11,500.0	2,212.3	330.8	2,209.8	0.00	0.00	0.00
13,400.0	90.00	359.58	11,500.0	2,312.3	330.1	2,309.8	0.00	0.00	0.00
13,500.0	90.00	359.58	11,500.0	2,412.3	329.3	2,409.8	0.00	0.00	0.00
13,600.0	90.00	359.58	11,500.0	2,512.3	328.6	2,509.8	0.00	0.00	0.00
13,700.0	90.00	359.58	11,500.0	2,612.3	327.9	2,609.8	0.00	0.00	0.00
13,800.0	90.00	359.58	11,500.0	2,712.3	327.1	2,709.8	0.00	0.00	0.00
13,900.0	90.00	359.58	11,500.0	2,812.3	326.4	2,809.8	0.00	0.00	0.00
14,000.0	90.00	359.58	11,500.0	2,912.3	325.7	2,909.8	0.00	0.00	0.00
14,100.0	90.00	359.58	11,500.0	3,012.3	324.9	3,009.8	0.00	0.00	0.00
14,200.0	90.00	359.58	11,500.0	3,112.3	324.2	3,109.8	0.00	0.00	0.00
14,300.0	90.00	359.58	11,500.0	3,212.3	323.5	3,209.8	0.00	0.00	0.00
14,400.0	90.00	359.58	11,500.0	3,312.3	322.7	3,309.8	0.00	0.00	0.00
14,500.0	90.00	359.58	11,500.0	3,412.3	322.0	3,409.8	0.00	0.00	0.00
14,600.0	90.00	359.58	11,500.0	3,512.3	321.3	3,509.8	0.00	0.00	0.00
14,700.0	90.00	359.58	11,500.0	3,612.3	320.5	3,609.8	0.00	0.00	0.00
14,800.0	90.00	359.58	11,500.0	3,712.3	319.8	3,709.8	0.00	0.00	0.00
14,900.0	90.00	359.58	11,500.0	3,812.3	319.1	3,809.8	0.00	0.00	0.00
15,000.0	90.00	359.58	11,500.0	3,912.3	318.3	3,909.8	0.00	0.00	0.00
15,100.0	90.00	359.58	11,500.0	4,012.3	317.6	4,009.8	0.00	0.00	0.00
15,200.0	90.00	359.58	11,500.0	4,112.3	316.9	4,109.8	0.00	0.00	0.00
15,300.0	90.00	359.58	11,500.0	4,212.3	316.1	4,209.8	0.00	0.00	0.00
15,400.0	90.00	359.58	11,500.0	4,312.3	315.4	4,309.8	0.00	0.00	0.00
15,500.0	90.00	359.58	11,500.0	4,412.3	314.7	4,409.8	0.00	0.00	0.00
15,600.0	90.00	359.58	11,500.0	4,512.3	313.9	4,509.8	0.00	0.00	0.00
15,700.0	90.00	359.58	11,500.0	4,612.3	313.2	4,609.8	0.00	0.00	0.00
15,800.0	90.00	359.58	11,500.0	4,712.3	312.5	4,709.8	0.00	0.00	0.00
15,900.0	90.00	359.58	11,500.0	4,812.3	311.7	4,809.8	0.00	0.00	0.00
16,000.0	90.00	359.58	11,500.0	4,912.2	311.0	4,909.8	0.00	0.00	0.00
16,100.0	90.00	359.58	11,500.0	5,012.2	310.3	5,009.8	0.00	0.00	0.00
16,200.0	90.00	359.58	11,500.0	5,112.2	309.5	5,109.8	0.00	0.00	0.00
16,300.0	90.00	359.58	11,500.0	5,212.2	308.8	5,209.8	0.00	0.00	0.00
16,400.0	90.00	359.58	11,500.0	5,312.2	308.1	5,309.8	0.00	0.00	0.00
16,500.0	90.00	359.58	11,500.0	5,412.2	307.3	5,409.8	0.00	0.00	0.00
16,600.0	90.00	359.58	11,500.0	5,512.2	306.6	5,509.8	0.00	0.00	0.00
16,700.0	90.00	359.58	11,500.0	5,612.2	305.9	5,609.8	0.00	0.00	0.00
16,800.0	90.00	359.58	11,500.0	5,712.2	305.1	5,709.8	0.00	0.00	0.00
16,900.0	90.00	359.58	11,500.0	5,812.2	304.4	5,809.8	0.00	0.00	0.00
17,000.0	90.00	359.58	11,500.0	5,912.2	303.7	5,909.8	0.00	0.00	0.00
17,100.0	90.00	359.58	11,500.0	6,012.2	303.0	6,009.8	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
17,200.0	90.00	359.58	11,500.0	6,112.2	302.2	6,109.8	0.00	0.00	0.00
17,300.0	90.00	359.58	11,500.0	6,212.2	301.5	6,209.8	0.00	0.00	0.00
17,400.0	90.00	359.58	11,500.0	6,312.2	300.8	6,309.8	0.00	0.00	0.00
17,500.0	90.00	359.58	11,500.0	6,412.2	300.0	6,409.8	0.00	0.00	0.00
17,600.0	90.00	359.58	11,500.0	6,512.2	299.3	6,509.8	0.00	0.00	0.00
17,700.0	90.00	359.58	11,500.0	6,612.2	298.6	6,609.8	0.00	0.00	0.00
17,800.0	90.00	359.58	11,500.0	6,712.2	297.8	6,709.8	0.00	0.00	0.00
17,900.0	90.00	359.58	11,500.0	6,812.2	297.1	6,809.8	0.00	0.00	0.00
18,000.0	90.00	359.58	11,500.0	6,912.2	296.4	6,909.8	0.00	0.00	0.00
18,100.0	90.00	359.58	11,500.0	7,012.2	295.6	7,009.8	0.00	0.00	0.00
18,200.0	90.00	359.58	11,500.0	7,112.2	294.9	7,109.8	0.00	0.00	0.00
18,300.0	90.00	359.58	11,500.0	7,212.2	294.2	7,209.8	0.00	0.00	0.00
18,400.0	90.00	359.58	11,500.0	7,312.2	293.4	7,309.8	0.00	0.00	0.00
18,500.0	90.00	359.58	11,500.0	7,412.2	292.7	7,409.8	0.00	0.00	0.00
18,600.0	90.00	359.58	11,500.0	7,512.2	292.0	7,509.8	0.00	0.00	0.00
18,700.0	90.00	359.58	11,500.0	7,612.2	291.2	7,609.8	0.00	0.00	0.00
18,800.0	90.00	359.58	11,500.0	7,712.2	290.5	7,709.8	0.00	0.00	0.00
18,900.0	90.00	359.58	11,500.0	7,812.2	289.8	7,809.8	0.00	0.00	0.00
19,000.0	90.00	359.58	11,500.0	7,912.2	289.0	7,909.8	0.00	0.00	0.00
19,100.0	90.00	359.58	11,500.0	8,012.2	288.3	8,009.8	0.00	0.00	0.00
19,200.0	90.00	359.58	11,500.0	8,112.2	287.6	8,109.8	0.00	0.00	0.00
19,300.0	90.00	359.58	11,500.0	8,212.2	286.8	8,209.8	0.00	0.00	0.00
19,400.0	90.00	359.58	11,500.0	8,312.2	286.1	8,309.8	0.00	0.00	0.00
19,500.0	90.00	359.58	11,500.0	8,412.2	285.4	8,409.8	0.00	0.00	0.00
19,600.0	90.00	359.58	11,500.0	8,512.2	284.6	8,509.8	0.00	0.00	0.00
19,700.0	90.00	359.58	11,500.0	8,612.1	283.9	8,609.8	0.00	0.00	0.00
19,800.0	90.00	359.58	11,500.0	8,712.1	283.2	8,709.8	0.00	0.00	0.00
19,900.0	90.00	359.58	11,500.0	8,812.1	282.4	8,809.8	0.00	0.00	0.00
20,000.0	90.00	359.58	11,500.0	8,912.1	281.7	8,909.8	0.00	0.00	0.00
20,100.0	90.00	359.58	11,500.0	9,012.1	281.0	9,009.8	0.00	0.00	0.00
20,200.0	90.00	359.58	11,500.0	9,112.1	280.2	9,109.8	0.00	0.00	0.00
20,300.0	90.00	359.58	11,500.0	9,212.1	279.5	9,209.8	0.00	0.00	0.00
20,400.0	90.00	359.58	11,500.0	9,312.1	278.8	9,309.8	0.00	0.00	0.00
20,500.0	90.00	359.58	11,500.0	9,412.1	278.0	9,409.8	0.00	0.00	0.00
20,600.0	90.00	359.58	11,500.0	9,512.1	277.3	9,509.8	0.00	0.00	0.00
20,700.0	90.00	359.58	11,500.0	9,612.1	276.6	9,609.8	0.00	0.00	0.00
20,800.0	90.00	359.58	11,500.0	9,712.1	275.8	9,709.8	0.00	0.00	0.00
20,900.0	90.00	359.58	11,500.0	9,812.1	275.1	9,809.8	0.00	0.00	0.00
21,000.0	90.00	359.58	11,500.0	9,912.1	274.4	9,909.8	0.00	0.00	0.00
21,100.0	90.00	359.58	11,500.0	10,012.1	273.6	10,009.8	0.00	0.00	0.00
21,200.0	90.00	359.58	11,500.0	10,112.1	272.9	10,109.8	0.00	0.00	0.00
21,300.0	90.00	359.58	11,500.0	10,212.1	272.2	10,209.8	0.00	0.00	0.00
21,400.0	90.00	359.58	11,500.0	10,312.1	271.4	10,309.8	0.00	0.00	0.00
21,500.0	90.00	359.58	11,500.0	10,412.1	270.7	10,409.8	0.00	0.00	0.00
21,600.0	90.00	359.58	11,500.0	10,512.1	270.0	10,509.8	0.00	0.00	0.00
21,700.0	90.00	359.58	11,500.0	10,612.1	269.2	10,609.8	0.00	0.00	0.00
21,800.0	90.00	359.58	11,500.0	10,712.1	268.5	10,709.8	0.00	0.00	0.00
21,900.0	90.00	359.58	11,500.0	10,812.1	267.8	10,809.8	0.00	0.00	0.00
22,000.0	90.00	359.58	11,500.0	10,912.1	267.0	10,909.8	0.00	0.00	0.00
22,100.0	90.00	359.58	11,500.0	11,012.1	266.3	11,009.8	0.00	0.00	0.00
22,200.0	90.00	359.58	11,500.0	11,112.1	265.6	11,109.8	0.00	0.00	0.00
22,300.0	90.00	359.58	11,500.0	11,212.1	264.8	11,209.8	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned 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)
22,400.0	90.00	359.58	11,500.0	11,312.1	264.1	11,309.8	0.00	0.00	0.00
22,500.0	90.00	359.58	11,500.0	11,412.1	263.4	11,409.8	0.00	0.00	0.00
22,600.0	90.00	359.58	11,500.0	11,512.1	262.6	11,509.8	0.00	0.00	0.00
22,700.0	90.00	359.58	11,500.0	11,612.1	261.9	11,609.8	0.00	0.00	0.00
22,800.0	90.00	359.58	11,500.0	11,712.1	261.2	11,709.8	0.00	0.00	0.00
22,900.0	90.00	359.58	11,500.0	11,812.1	260.4	11,809.8	0.00	0.00	0.00
23,000.0	90.00	359.58	11,500.0	11,912.1	259.7	11,909.8	0.00	0.00	0.00
23,100.0	90.00	359.58	11,500.0	12,012.1	259.0	12,009.8	0.00	0.00	0.00
23,200.0	90.00	359.58	11,500.0	12,112.1	258.2	12,109.8	0.00	0.00	0.00
23,300.0	90.00	359.58	11,500.0	12,212.1	257.5	12,209.8	0.00	0.00	0.00
23,400.0	90.00	359.58	11,500.0	12,312.0	256.8	12,309.8	0.00	0.00	0.00
23,500.0	90.00	359.58	11,500.0	12,412.0	256.0	12,409.8	0.00	0.00	0.00
23,600.0	90.00	359.58	11,500.0	12,512.0	255.3	12,509.8	0.00	0.00	0.00
23,700.0	90.00	359.58	11,500.0	12,612.0	254.6	12,609.8	0.00	0.00	0.00
23,800.0	90.00	359.58	11,500.0	12,712.0	253.8	12,709.8	0.00	0.00	0.00
23,900.0	90.00	359.58	11,500.0	12,812.0	253.1	12,809.8	0.00	0.00	0.00
24,000.0	90.00	359.58	11,500.0	12,912.0	252.4	12,909.8	0.00	0.00	0.00
24,100.0	90.00	359.58	11,500.0	13,012.0	251.6	13,009.8	0.00	0.00	0.00
24,200.0	90.00	359.58	11,500.0	13,112.0	250.9	13,109.8	0.00	0.00	0.00
24,300.0	90.00	359.58	11,500.0	13,212.0	250.2	13,209.8	0.00	0.00	0.00
24,400.0	90.00	359.58	11,500.0	13,312.0	249.4	13,309.8	0.00	0.00	0.00
24,500.0	90.00	359.58	11,500.0	13,412.0	248.7	13,409.8	0.00	0.00	0.00
24,600.0	90.00	359.58	11,500.0	13,512.0	248.0	13,509.8	0.00	0.00	0.00
24,700.0	90.00	359.58	11,500.0	13,612.0	247.2	13,609.8	0.00	0.00	0.00
24,800.0	90.00	359.58	11,500.0	13,712.0	246.5	13,709.8	0.00	0.00	0.00
24,879.4	90.00	359.58	11,500.0	13,791.4	245.9	13,789.2	0.00	0.00	0.00
TD at 24879.4 - BHL - Toddy Glosser 0529 State Com #152H									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP - Toddy Glosser 05	0.00	0.01	10,927.0	752.6	342.0	517,614.00	727,789.00	32° 25' 15.138 N	103° 35' 42.484 W
- plan misses target center by 599.3usft at 11871.3usft MD (11500.0 TVD, 801.1 N, 173.1 E)									
- Point									
BHL - Toddy Glosser 05	0.00	0.00	11,500.0	13,791.4	246.0	530,652.79	727,693.04	32° 27' 24.166 N	103° 35' 42.552 W
- plan misses target center by 0.1usft at 24879.4usft MD (11500.0 TVD, 13791.4 N, 245.9 E)									
- Point									
FPP - Toddy Glosser 05	0.00	0.00	11,500.0	803.0	173.6	517,664.38	727,620.65	32° 25' 15.648 N	103° 35' 44.444 W
- plan hits target center									
- Point									

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,429.1	1,429.0	Z (Rustler)			
1,881.2	1,881.0	Z (Salado)			
4,697.8	4,697.0	Z (G30:CS14-CSB)			
5,000.8	5,000.0	Z (G26: Bell Cyn.)			
6,125.0	6,123.0	Z (G13: Cherry Cyn.)			
7,090.4	7,086.0	Z (G7: Brushy Cyn.) Antelope Ridge			
8,500.1	8,494.0	G5: L. Brushy Cyn.			
8,796.5	8,790.0	Z (G4: BSGL (CS9))			
9,403.7	9,397.0	L8.2: U. Avalon Shale			
9,585.8	9,579.0	L6.3: Avalon Carb			
9,765.8	9,759.0	Z (L5.3: FBSC)			
9,995.9	9,989.0	Z (L5.1: FBSG)			
10,266.9	10,260.0	Z (L4.3: SBSC)			
10,627.9	10,621.0	Z (L4.1: SBSG)			
11,229.3	11,209.0	Z (L3.3: TBSC)			
11,586.2	11,447.0	Lower TBSC			

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
172.0	172.0	-0.8	0.5	Start DLS 0.16 TFO 64.02
267.0	267.0	-1.7	1.1	Start DLS 0.39 TFO 155.08
361.0	361.0	-2.6	1.3	Start DLS 0.24 TFO 12.77
456.0	456.0	-3.4	1.3	Start DLS 0.15 TFO -176.37
550.0	550.0	-4.3	1.3	Start DLS 0.14 TFO -54.04
645.0	645.0	-5.2	1.3	Start DLS 0.41 TFO 179.47
739.0	739.0	-5.8	1.4	Start DLS 0.58 TFO 36.48
834.0	834.0	-6.5	1.2	Start DLS 0.10 TFO 10.69
929.0	929.0	-7.6	0.8	Start DLS 0.04 TFO -168.54
1,024.0	1,024.0	-8.8	0.3	Start DLS 0.41 TFO 91.16
1,119.0	1,118.9	-9.9	-0.4	Start DLS 0.22 TFO -147.19
1,147.0	1,146.9	-10.1	-0.7	Start DLS 0.49 TFO -5.10
1,246.0	1,245.9	-11.4	-1.9	Start DLS 1.36 TFO 148.25
1,341.0	1,340.9	-11.9	-3.2	Start DLS 0.93 TFO 87.76
1,435.0	1,434.9	-10.7	-3.8	Start DLS 0.15 TFO -148.45
1,615.0	1,614.9	-7.5	-4.6	Start DLS 0.09 TFO -171.67
1,705.0	1,704.9	-6.2	-5.1	Start DLS 0.43 TFO -103.27
1,795.0	1,794.9	-5.2	-5.8	Start DLS 0.35 TFO 85.28
1,885.0	1,884.8	-4.1	-6.6	Start DLS 0.29 TFO 175.77
1,975.0	1,974.8	-3.0	-7.2	Start DLS 0.41 TFO 73.49
2,064.0	2,063.8	-1.8	-7.4	Start DLS 0.24 TFO 121.42
2,154.0	2,153.8	-0.6	-7.3	Start DLS 0.22 TFO 53.31
2,243.0	2,242.8	0.6	-6.8	Start DLS 0.54 TFO 29.82
2,333.0	2,332.8	2.1	-6.0	Start DLS 0.07 TFO 139.86
2,423.0	2,422.8	3.7	-4.8	Start DLS 0.51 TFO 18.68
2,512.0	2,511.7	5.5	-3.3	Start DLS 0.45 TFO 28.85
2,602.0	2,601.7	7.6	-1.3	Start DLS 0.97 TFO 170.43
2,691.0	2,690.7	9.3	0.7	Start DLS 0.67 TFO 141.94
2,781.0	2,780.6	10.0	2.1	Start DLS 0.78 TFO -9.05
2,871.0	2,870.6	10.4	3.9	Start DLS 0.54 TFO -2.61
2,960.0	2,959.6	11.1	6.6	Start DLS 0.78 TFO 129.13
3,049.0	3,048.5	11.5	9.4	Start DLS 1.20 TFO 149.46
3,139.0	3,138.5	10.9	11.2	Start DLS 0.82 TFO -85.00
3,229.0	3,228.5	10.4	12.7	Start DLS 1.12 TFO -18.84
3,318.0	3,317.5	10.4	15.4	Start DLS 0.75 TFO 15.38
3,408.0	3,407.4	10.6	19.4	Start DLS 2.70 TFO 165.52
3,498.0	3,497.3	10.2	22.0	Start DLS 0.64 TFO -27.82
3,587.0	3,586.3	9.1	23.2	Start DLS 1.89 TFO -174.94
3,677.0	3,676.3	8.7	23.9	Start DLS 0.72 TFO -44.09
3,766.0	3,765.3	9.4	23.1	Start DLS 0.22 TFO -160.64
3,856.0	3,855.3	10.1	21.9	Start DLS 0.59 TFO -119.69
3,945.0	3,944.3	10.3	20.8	Start Turn -3.61
4,035.0	4,034.3	10.0	19.8	Start DLS 0.13 TFO -94.61
4,124.0	4,123.3	9.6	18.8	Start DLS 0.10 TFO 154.33
4,213.0	4,212.3	9.2	17.8	Start DLS 0.64 TFO -132.95
4,303.0	4,302.2	8.6	17.3	Start DLS 0.29 TFO -123.56
4,393.0	4,392.2	7.9	17.4	Start DLS 0.08 TFO 61.38
4,482.0	4,481.2	7.3	17.7	Start DLS 0.45 TFO 85.36
4,572.0	4,571.2	6.6	17.6	Start DLS 0.10 TFO 27.93
4,661.0	4,660.2	5.6	17.2	Start DLS 0.06 TFO 26.01
4,750.0	4,749.2	4.6	16.7	Start DLS 0.30 TFO -69.47
4,840.0	4,839.2	3.4	16.4	Start DLS 0.03 TFO 90.88
4,929.0	4,928.2	2.1	16.1	Start DLS 0.36 TFO 83.84
5,019.0	5,018.2	0.7	15.5	Start DLS 0.56 TFO -100.44
5,109.0	5,108.2	-0.7	15.1	Start DLS 0.40 TFO 77.99
5,198.0	5,197.2	-2.3	14.8	Start DLS 0.15 TFO 173.89
5,288.0	5,287.2	-3.9	14.2	Start DLS 1.80 TFO 176.19

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Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

5,378.0	5,377.1	-4.2	14.0	Start DLS 1.61 TFO -37.54
5,468.0	5,467.1	-2.2	13.7	Start DLS 0.29 TFO 3.01
5,557.0	5,556.1	0.9	12.8	Start DLS 0.82 TFO -44.54
5,646.0	5,645.0	4.6	11.4	Start DLS 0.60 TFO 39.16
5,736.0	5,734.9	9.0	9.5	Start DLS 0.23 TFO -77.80
5,826.0	5,824.7	13.7	7.6	Start DLS 0.65 TFO 57.50
5,916.0	5,914.5	18.8	5.8	Start DLS 1.02 TFO 3.52
6,006.0	6,004.3	25.1	4.0	Start DLS 0.56 TFO 136.73
6,096.0	6,094.0	31.8	2.5	Start DLS 1.08 TFO 82.99
6,185.0	6,182.8	38.4	2.0	Start DLS 1.10 TFO 49.45
6,275.0	6,272.5	45.9	2.8	Start DLS 0.76 TFO -124.19
6,365.0	6,362.1	53.6	3.8	Start DLS 0.20 TFO 168.23
6,454.0	6,450.8	60.9	4.3	Start DLS 0.51 TFO 163.13
6,544.0	6,540.6	67.8	4.8	Start DLS 0.52 TFO -133.88
6,634.0	6,630.4	74.1	5.2	Start DLS 0.49 TFO 145.87
6,723.0	6,719.2	79.8	5.5	Start DLS 0.06 TFO 173.78
6,813.0	6,809.0	85.3	5.9	Start DLS 0.29 TFO -121.95
6,903.0	6,898.8	90.6	6.2	Start DLS 0.85 TFO 175.18
6,992.0	6,987.7	95.2	6.4	Start DLS 0.46 TFO 74.58
7,082.0	7,077.6	99.3	6.9	Start DLS 0.26 TFO -20.38
7,172.0	7,167.5	103.7	7.6	Start DLS 0.74 TFO -162.93
7,261.0	7,256.4	107.8	8.2	Start DLS 0.18 TFO 146.30
7,351.0	7,346.3	111.3	8.5	Start DLS 0.04 TFO -5.03
7,441.0	7,436.3	114.8	8.9	Start DLS 0.31 TFO -52.62
7,531.0	7,526.2	118.4	9.2	Start DLS 0.37 TFO 134.63
7,621.0	7,616.1	122.0	9.5	Start DLS 0.47 TFO -164.32
7,710.0	7,705.1	125.1	9.8	Start DLS 0.71 TFO 15.89
7,800.0	7,795.0	128.4	10.2	Start DLS 1.02 TFO -15.57
7,889.0	7,883.9	132.8	10.6	Start DLS 0.39 TFO -174.04
7,979.0	7,973.8	137.7	10.9	Start DLS 0.61 TFO -42.24
8,069.0	8,063.6	142.7	10.9	Start DLS 0.28 TFO -44.89
8,158.0	8,152.5	148.1	10.5	Start DLS 0.64 TFO 170.42
8,248.0	8,242.3	153.2	10.0	Start DLS 0.53 TFO -37.50
8,338.0	8,332.2	158.1	9.4	Start DLS 0.35 TFO 46.69
8,427.0	8,421.0	163.5	8.8	Start DLS 0.66 TFO -146.82
8,517.0	8,510.9	168.7	8.0	Start DLS 0.81 TFO 89.48
8,607.0	8,600.7	173.7	7.6	Start DLS 0.51 TFO 88.93
8,696.0	8,689.6	178.6	8.1	Start DLS 0.80 TFO -146.22
8,786.0	8,779.5	183.3	8.6	Start DLS 0.70 TFO 171.15
8,875.0	8,868.4	186.9	8.8	Start DLS 0.47 TFO -151.28
8,965.0	8,958.3	189.9	8.8	Start DLS 0.49 TFO -172.93
9,055.0	9,048.3	192.2	8.6	Start DLS 0.64 TFO -173.40
9,145.0	9,138.3	193.8	8.4	Start DLS 0.75 TFO -100.58
9,235.0	9,228.3	194.6	7.7	Start DLS 0.47 TFO -116.24
9,324.0	9,317.3	195.0	6.5	Start DLS 0.52 TFO -69.37
9,414.0	9,407.3	194.7	5.1	Start DLS 1.18 TFO -4.36
9,504.0	9,497.2	193.6	2.9	Start DLS 1.22 TFO 159.88
9,594.0	9,587.2	192.8	0.5	Start DLS 0.43 TFO 160.15
9,684.0	9,677.2	192.8	-1.0	Start DLS 0.34 TFO 50.22
9,774.0	9,767.2	193.0	-2.4	Start DLS 0.44 TFO -72.64
9,864.0	9,857.2	193.2	-4.1	Start DLS 0.48 TFO -75.77
9,953.0	9,946.1	192.8	-6.0	Start DLS 1.89 TFO 162.70
10,043.0	10,036.1	192.9	-6.9	Start DLS 1.12 TFO 38.33
10,132.0	10,125.1	194.3	-6.3	Start DLS 0.25 TFO 128.68
10,222.0	10,215.1	196.2	-5.0	Start DLS 0.54 TFO 175.65
10,312.0	10,305.1	197.5	-3.8	Start DLS 1.03 TFO -175.14
10,402.0	10,395.1	198.0	-3.4	Start DLS 0.15 TFO 17.11
10,492.0	10,485.1	198.1	-3.6	Start DLS 0.28 TFO 85.37
10,582.0	10,575.1	198.4	-3.9	Start Turn 169.82
10,610.0	10,603.1	198.6	-3.9	Start DLS 2.00 TFO -8.05
10,792.7	10,785.6	205.1	-1.4	Start 181.8 hold at 10792.7 MD
10,974.5	10,966.9	217.0	2.9	Start DLS 10.00 TFO -4.01
11,834.6	11,500.0	765.7	162.9	Start 218.0 hold at 11834.6 MD
12,052.6	11,500.0	975.2	223.0	Start DLS 2.00 TFO -90.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3684.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3684.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #803H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

	12,873.6	11,500.0	1,785.9	333.9	Start 12005.8 hold at 12873.6 MD
	24,879.4	11,500.0	13,791.4	245.9	TD at 24879.4

Matador Production Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240
Voice 972.587.4624
clay.wooten@matadorresources.com

Clay Wooten
Vice President - Land

September 1, 2026

VIA ONLINE FILING

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Matador's Drilling Permit Application for its Toddy Glosser State Com #152H (API Pending)

To whom it may concern,

In connection with your review of Matador's above-referenced drilling permit application, I write to inform you that on July 27, 2026, Matador mailed copies of the letter attached hereto to EOG Resources, as operator of the referenced Fruit Loop wells, as well as the working interest owners in both the referenced Fruit Loop wells and Matador's proposed Toddy Glosser State Com #152H. Matador also mailed a copy of the notice to the New Mexico State Land Office.

I am also writing to confirm that Matador has not received any objection from any party that was sent a copy of the enclosed notice.

Sincerely,

Clay Wooten

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

July 27th, 2026

Re: Notice of Overlapping Spacing Unit
Toddy Glosser State Com #152H (API Pending)

To Whom It May Concern:

Matador Production Company has proposed the above-referenced well, which is targeting the Third Bone Spring Carbonate with an approximate TVD of 11,500'. A copy of the C102 for the well is enclosed for reference.

Matador's proposed spacing unit will overlap with the existing spacing unit for EOG Resources' Fruit Loop 29 State #503H (30-025-44501), which is targeting the Second Bone Spring Sand with an approximate TVD of 10,957', and EOG Resources' Fruit Loop 29 State #602 (30-025-44500), which is targeting the Third Bone Spring Sand with an approximate TVD of 11,956'. A copy of the C102 for these wells, which Matador obtained from the NMOCD website, are enclosed for reference.

Pursuant to NMAC 19.15.16.15.B(9) and 19.15.15.12.B, you have a right to object to the overlapping spacing unit by delivering a written statement of objection to our office within twenty (20) days of the mailing of this notice.

If you have any questions about this matter, please contact me at your convenience.

Sincerely,

Clay Wooten

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	
Property Code	Property Name TODDY GLOSSER 0529 STATE COM		Well Number 152H
OGRID No. ----	Operator Name MATADOR PRODUCTION COMPANY		Ground Level Elevation 3656'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal	

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
K	5	22-S	33-E	-	1939' S	1961' W	N 32.4189311	W 103.5967453	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
C	29	21-S	33-E	-	110' N	2314' W	N 32.4568341	W 103.5956404	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
400.29	----	----	---	----
Order Numbers ----			Well Setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
F	5	22-S	33-E	-	2591' N	2308' W	N 32.4209932	W 103.5956206	LEA

First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
F	5	22-S	33-E	-	2541' N	2308' W	N 32.4211306	W 103.5956207	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
C	29	21-S	33-E	-	110' N	2314' W	N 32.4568341	W 103.5956404	LEA

Unitized Area or Area of Uniform Interest	Spacing Unity Type	Ground Floor Elevation
----	☐ Horizontal ☐ Vertical	

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature Date

Print Name

E-mail Address

SURVEYORS 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 and correct to the best of my belief.

ANGEL M. BAEZA NEW MEXICO 25116 3/24/26 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor Date

Certificate Number

Date of Survey

C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal Type:
- ☐ Initial Submittal
- ☐ Amended Report
- ☐ As Drilled

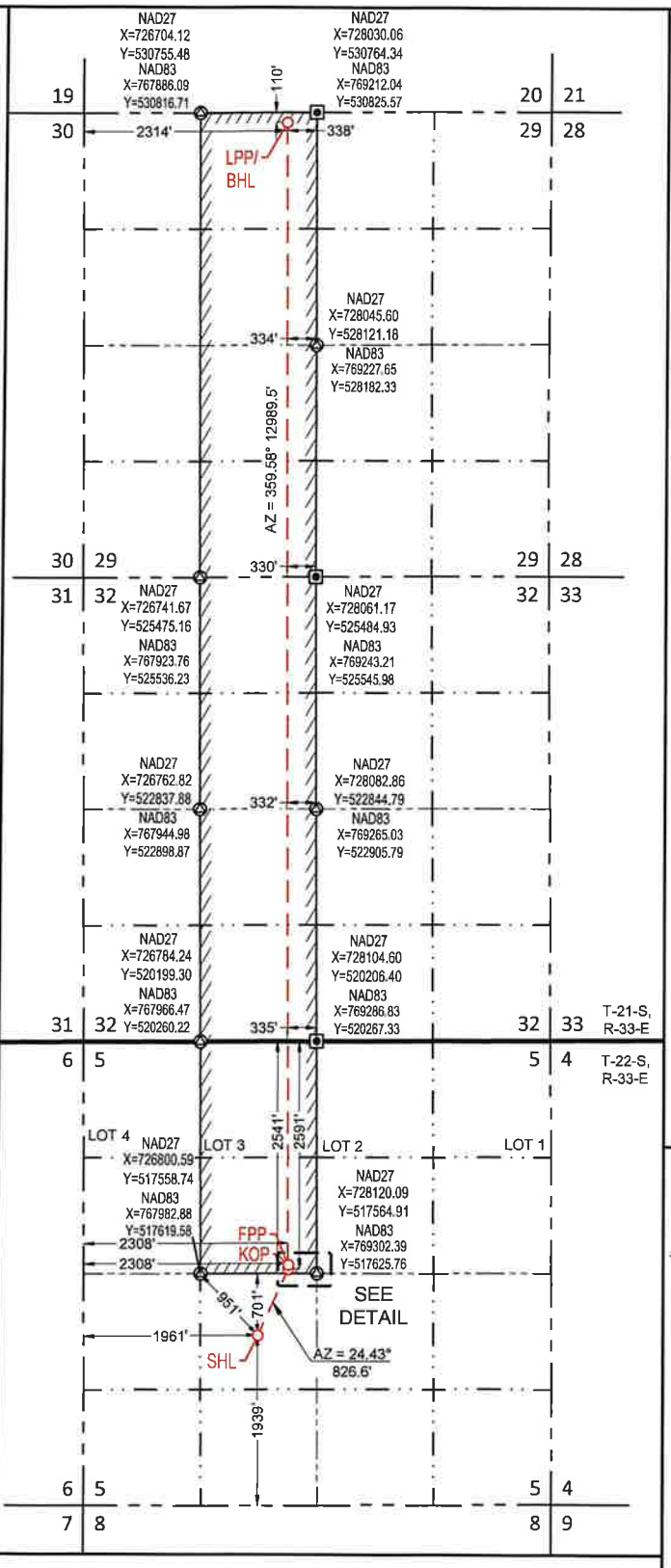
Property Name and Well Number

TODDY GLOSSER 0529 STATE COM 152H

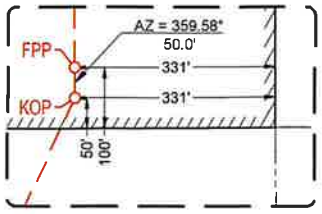
SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768629 Y=516922
LAT.: N 32.4189311
LONG.: W 103.5967453
NAD 1927
X=727447 Y=516861
LAT.: N 32.4188095
LONG.: W 103.5962595
1939' FSL 1961' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517674
LAT.: N 32.4209932
LONG.: W 103.5956206
NAD 1927
X=727789 Y=517614
LAT.: N 32.4208716
LONG.: W 103.5951348
2591' FNL 2308' FWL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517724
LAT.: N 32.4211306
LONG.: W 103.5956207
NAD 1927
X=727789 Y=517664
LAT.: N 32.4210091
LONG.: W 103.5951349
2541' FNL 2308' FWL



LAST PERF. POINT (LPP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=768875 Y=530713
LAT.: N 32.4568341
LONG.: W 103.5956404
NAD 1927
X=727693 Y=530653
LAT.: N 32.4567129
LONG.: W 103.5951534
110' FNL 2314' FWL



DETAIL VIEW
SCALE: 1" = 300'

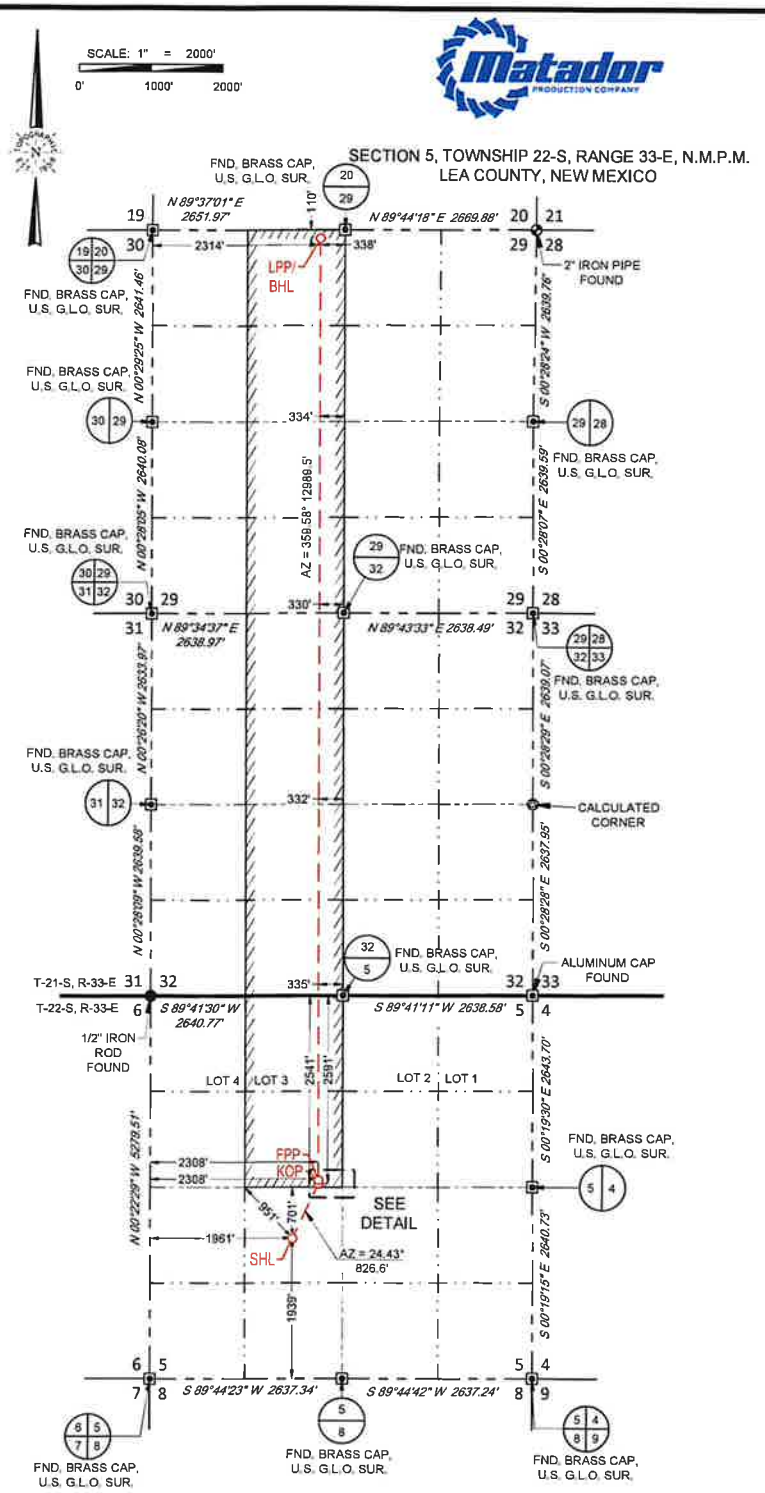
T-22-S, R-33-E
SECTION 5
LOT 1 - 40.06 ACRES
LOT 2 - 40.05 ACRES
LOT 3 - 40.05 ACRES
LOT 4 - 40.04 ACRES

SURVEYORS 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 and correct to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor:



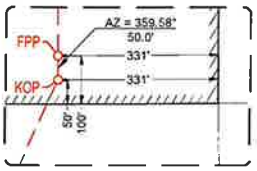


SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768629 Y=516922
LAT.: N 32.4189311
LONG.: W 103.5967453
1939' FSL 1961' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517674
LAT.: N 32.4209932
LONG.: W 103.5956206
2591' FNL 2308' FWL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=768971 Y=517724
LAT.: N 32.4211306
LONG.: W 103.5956207
2541' FNL 2308' FWL

LAST PERF. POINT (LPP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=768875 Y=530713
LAT.: N 32.4568341
LONG.: W 103.5956404
110' FNL 2314' FWL



DETAIL VIEW
SCALE: 1" = 300'

T-22-S, R-33-E
SECTION 5
LOT 1 - 40.06 ACRES
LOT 2 - 40.05 ACRES
LOT 3 - 40.05 ACRES
LOT 4 - 40.04 ACRES

LEASE NAME & WELL NO.: TODDY GLOSSER 0529 STATE COM 152H

SECTION 5 TWP 22-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 1939' FSL & 1961' FWL

DISTANCE & DIRECTION
FROM INT. OF HWY-62 & NM-176 E, GO EAST ON NM-176 E ±6.4 MILES, THENCE SOUTH (RIGHT) ON A LEASE ROAD ±3.0 MILES, THENCE EAST (LEFT) ON DELAWARE BASIN RD ±4.5 MILES, THENCE EAST (LEFT) ON A LEASE ROAD ±0.9 MILES, THENCE SOUTH (RIGHT) ON A LEASE ROAD ±1.9 MILES, THENCE EAST (LEFT) ON A LEASE ROAD ±4337 FEET TO A POINT ±514 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.



Angel M. Baeza, P.S. No. 25116

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
808 WEST INDIANA • MIDLAND, TEXAS 79701
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

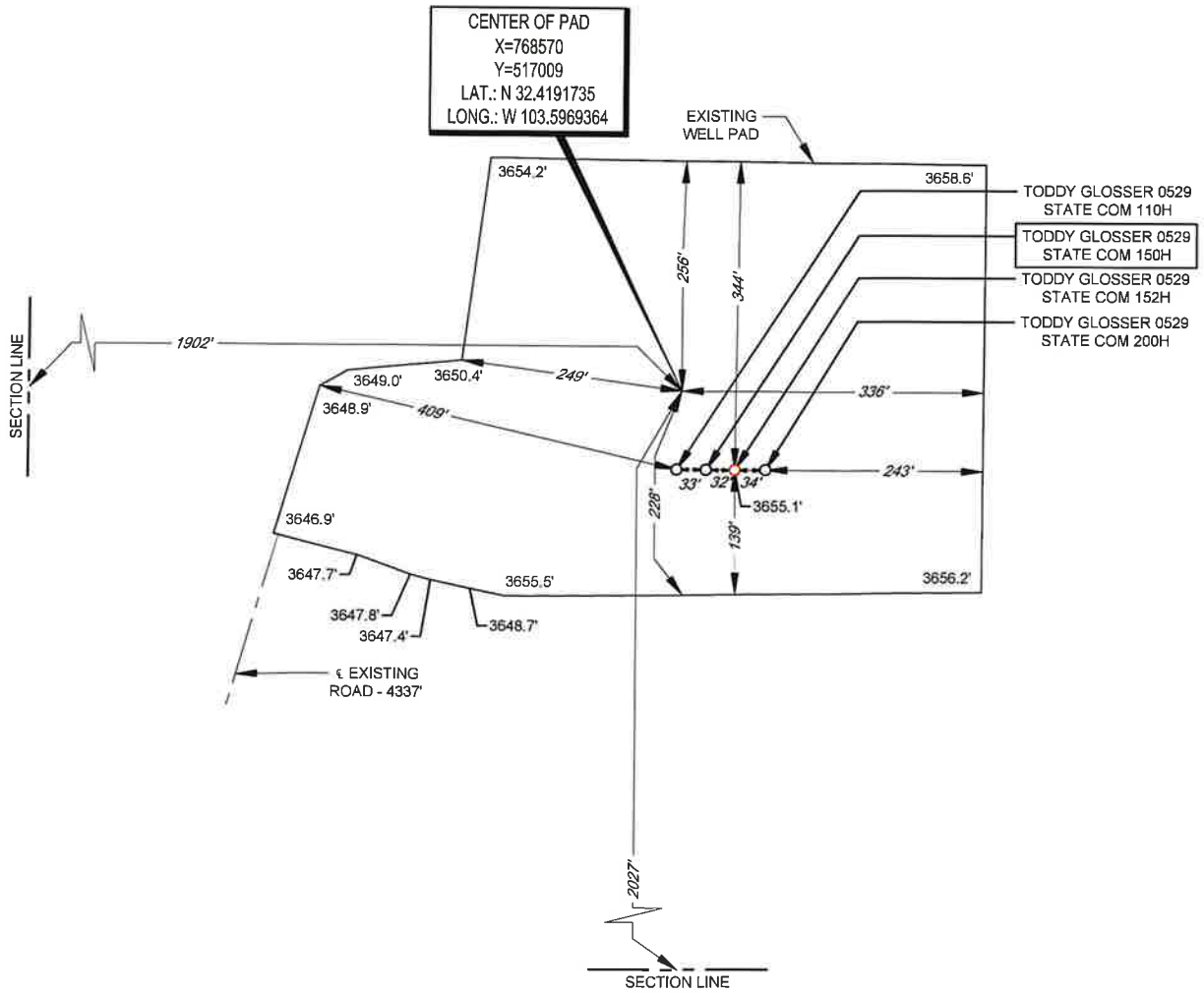
LEGEND

SECTION LINE

EXISTING ROAD

Matador PRODUCTION COMPANY

SECTION 5, TOWNSHIP 22-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: TODDY GLOSSER 0529 STATE COM 152H

152H LATITUDE N 32.4189311 152H LONGITUDE W 103.5967453

CENTER OF PAD IS 2027' FSL & 1902' FWL

ANGEL M. BAEZA NEW MEXICO 25116 PROFESSIONAL SURVEYOR 3/24/26

Angel M. Baeza, P.S. No. 25116

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. ELEVATIONS USED ARE NAVD88, OBTAINED THROUGH AN OPUS SOLUTION.

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. ONLY THE DATA SHOWN ABOVE IS BEING CERTIFIED TO, ALL OTHER INFORMATION WAS INTENTIONALLY OMITTED. THIS PLAT IS ONLY INTENDED TO BE USED FOR A PERMIT AND IS NOT A BOUNDARY SURVEY. 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"

SCALE: 1" = 200'

0' 100' 200'

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
808 WEST INDIANA • MIDLAND, TEXAS 79701
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

S:\SURVEY\MATADOR_RESOURCES\TODDY_GLOSSER_0529_05-22S-33E\FINAL_PRODUCTS\LO_TODDY_GLOSSER_0529_STATE_COM_152H.DWG 3/24/2026 8:28:15 AM garret.harris

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., Sante Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

HOBBS OCD
AUG 21 2019
RECEIVED

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Sante 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	[2] Pool Code	[3] Pool Name
30-025-44501	97927	WC-025 G-07 S213330F; BONE SPRING

[4] Property Code	[5] Property Name	[6] Well Number
315138	FRUIT LOOP 29 STATE	#503H

[7] OGRID No.	[8] Operator Name	[9] Elevation
7377	EOG RESOURCES, INC.	3752'

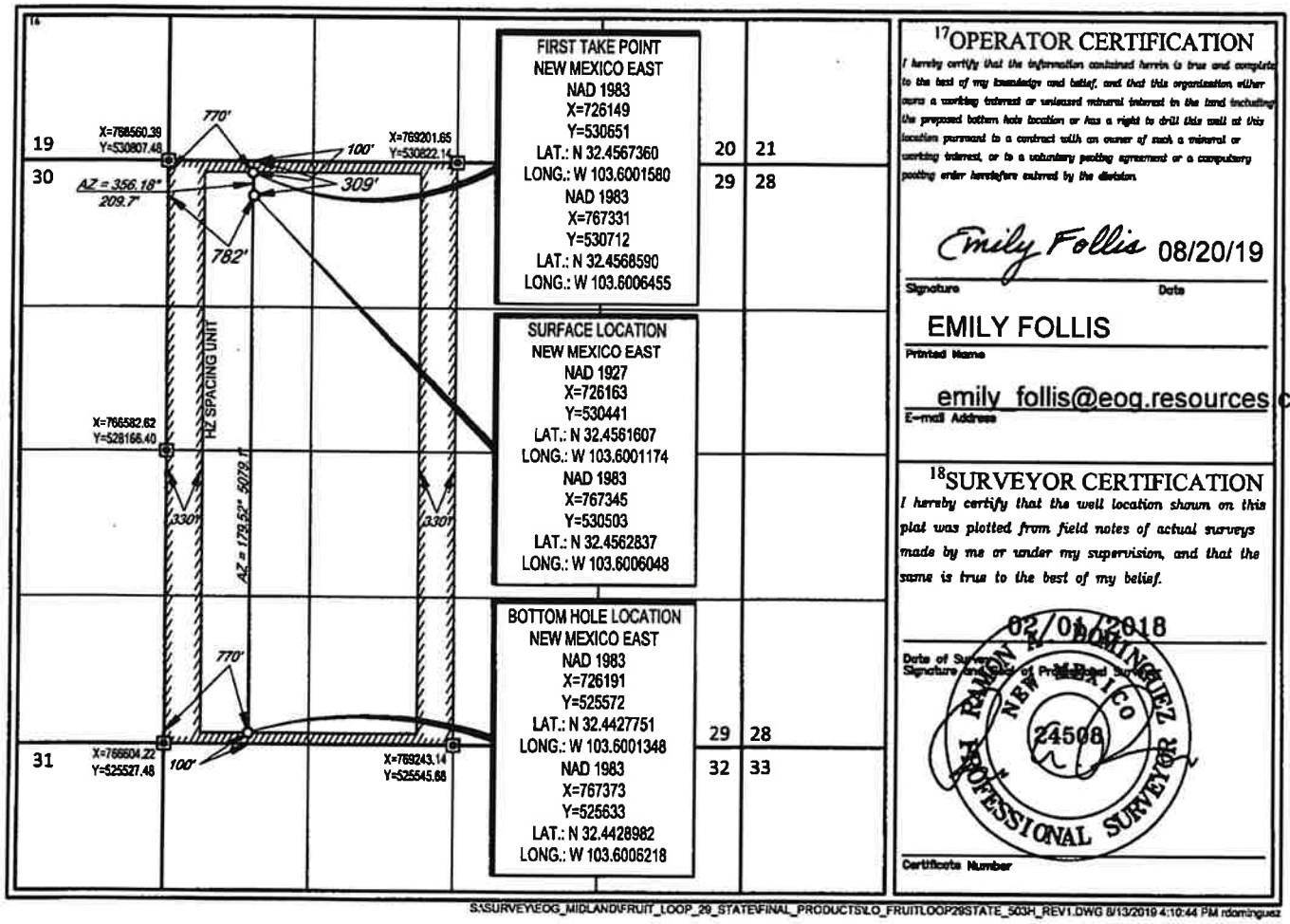
[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	21-S	33-E	–	309'	NORTH	782'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	21-S	33-E	–	100'	SOUTH	770'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.00			

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.



[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.

Emily Follis 08/20/19
Signature Date

EMILY FOLLIS
Printed Name

emily_follis@eog.resources.com
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.

02/01/2018
Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number

S:\SURVEY\EOG_MIDLAND\FRUIT_LOOP_29_STATE\FINAL_PRODUCTS\LO_FRUITLOOP29STATE_503H_REV1.DWG 8/13/2019 4:10:44 PM rdominguez

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
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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.
Sante 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

1API Number	2Pool Code	3Pool Name
30-025-44500	97927	WC-025 G-07 S213330F; BONE SPRING

4Property Code	5Property Name	6Well Number
315138	FRUIT LOOP 29 STATE	#602H

7OGRID No.	8Operator Name	9Elevation
7377	EOG RESOURCES, INC.	3752'

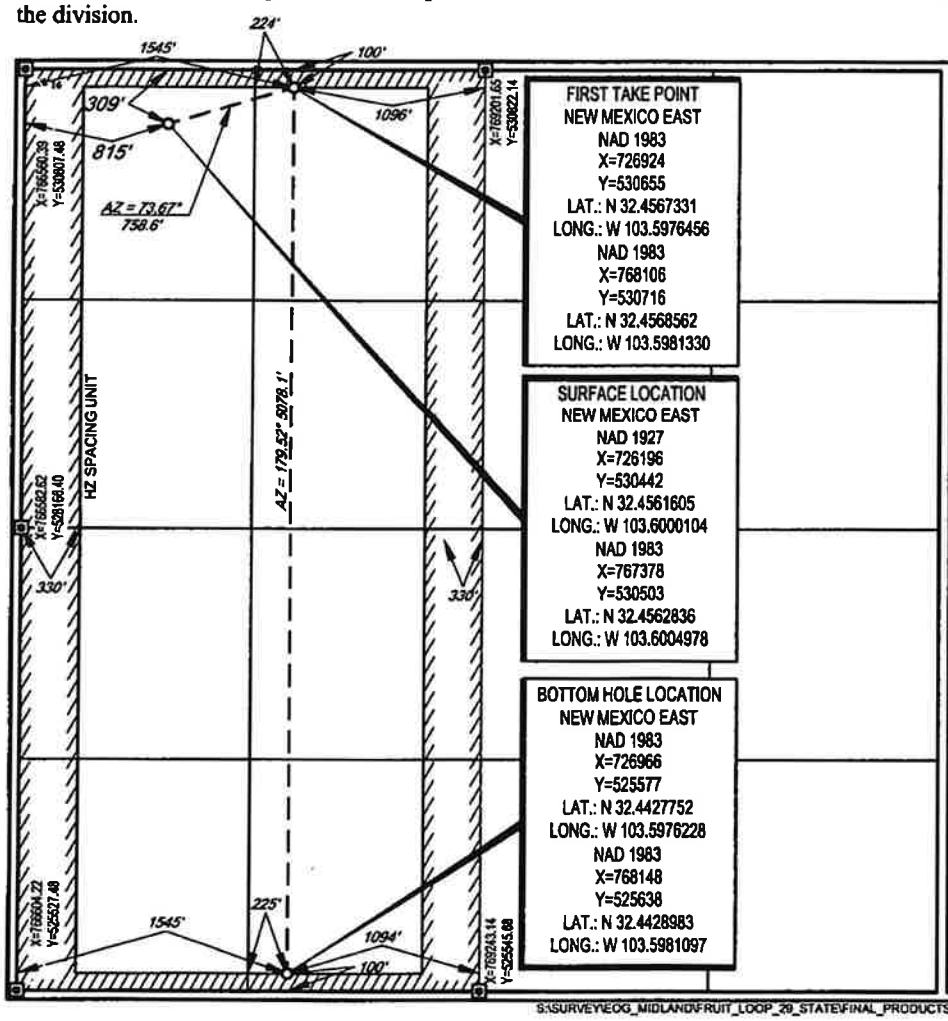
10Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	21-S	33-E	–	309'	NORTH	815'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	29	21-S	33-E	–	100'	SOUTH	1545'	WEST	LEA

12Dedicated Acres	13Joint or Infill	14Consolidation Code	15Order No.
320.00			

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.



FIRST TAKE POINT
NEW MEXICO EAST
NAD 1983
X=726924
Y=530655
LAT.: N 32.4567331
LONG.: W 103.5976456
NAD 1983
X=768106
Y=530716
LAT.: N 32.4568562
LONG.: W 103.5981330

SURFACE LOCATION
NEW MEXICO EAST
NAD 1927
X=726196
Y=530442
LAT.: N 32.4561605
LONG.: W 103.6000104
NAD 1983
X=767378
Y=530503
LAT.: N 32.4562836
LONG.: W 103.6004978

BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1983
X=726966
Y=525577
LAT.: N 32.4427752
LONG.: W 103.5976228
NAD 1983
X=768148
Y=525638
LAT.: N 32.4428983
LONG.: W 103.5981097

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.

Emily Follis 08/20/19
Signature Date

Emily Follis
Printed Name

emily_follis@eog.resources.com
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.

02/01/2018
Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number

S:\SURVEY\EOG_MIDLAND\FRUIT_LOOP_29_STATE\FINAL_PRODUCTS\LO_FRUITLOOP29STATE_602H.DWG 8/13/2019 4:10:24 PM rdominguez

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: Matador Production Company **OGRID:** 228937 **Date:** 4/17/2026

II. Type: ☒Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
TODDY GLOSSER 0529 STATE COM 200H	TBD	UL-K-5-22S-33E	1939' FSL 1995' FWL	1500	4500	3000
TODDY GLOSSER 0529 STATE COM 150H	TBD	UL-K-22S-33E	1939'FSL 1929' FWL	1200	1100	2100
TODDY GLOSSER 0529 STATE COM 152H	TBD	UL-K-22S-33E	1939' FSL 1961' FWL	1000	1800	2500
TODDY GLOSSER 0529 STATE COM 110H	TBD	UL-K-22S-33E	1940' FSL 1897' FWL	1200	1100	2100

IV. Central Delivery Point Name: Dagger Lake North CTB [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
TODDY GLOSSER 0529 STATE COM 200H	TBD	07/31/2026	08/22/2026	01/26/2027	02/12/2027	02/28/2027
TODDY GLOSSER 0529 STATE COM 150H	TBD	08/22/2026	09/09/2026	01/26/2027	02/12/2027	02/28/2027
TODDY GLOSSER 0529 STATE COM 152H	TBD	09/10/2026	09/28/2026	01/26/2027	02/12/2027	02/28/2027
TODDY GLOSSER 0529 STATE COM 110H	TBD	09/28/2026	10/20/2026	01/26/2027	02/12/2027	02/28/2027

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan
EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐does ☐does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:
☒Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:
Printed Name: Robin Flattery
Title: Facilities Engineer
E-mail Address: robin.flattery@matadorresources.com
Date: 4/17/2026
Phone: (309) 533 2611
OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

Addendum to Natural Gas Management Plan for

Matador's TODDY GLOSSER 0529 STATE COM:

200H, 150H, 152H, 110H

VI. Separation Equipment

Flow from each well will be routed via a flowline to a 48"x15' three phase separator dedicated to the well. The first stage separators are sized with input from BRE ProMax and API 12J. Anticipated production rates for each well can be seen in the table below. Liquid retention times at expected maximum rates will be >3 minutes. Gas will be routed from the first stage separator to sales. Hydrocarbon liquids are dumped from the first stage separator and commingled to one or more heater treaters. The flash gas from the heater treater(s) could either be sent to sales or routed to a compressor if the sales line pressure is higher than the MAWP of the heater treater (125 psi). From the heater treaters, hydrocarbon liquid will be routed to the tanks where vapor is compressed by a VRU if technically feasible to either sales or a compressor if the sales line pressure is higher than the VRU's maximum discharge pressure (~150 psi). Therefore, Matador has sized our separation equipment to optimize gas capture, and our separation equipment is of sufficient size to handle the expected volumes of gas.

Well Name	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
TODDY GLOSSER 0529 STATE COM 200H	1500	4500	3000
TODDY GLOSSER 0529 STATE COM 150H	1200	1100	2100
TODDY GLOSSER 0529 STATE COM 152H	1000	1800	2500
TODDY GLOSSER 0529 STATE COM 110H	1200	1100	2100

VII. Operation Practices

Although not a complete recitation of all our efforts to comply with subsection A through F of 19.15.27.8 NMAC, a summary is as follows. During drilling, Matador will have a properly sized flare stack at least 100 feet from the nearest surface hole. During initial flowback we will route the flowback fluids into completion or storage tanks and, to the extent possible, flare rather than vent any gas. We will commence operation of a separator as soon as technically feasible and have instructed our team that we want to connect the gas to sales as soon as possible but not later than 30 days after initial flowback.

Regarding production operations, we have designed our production facilities to be compliant with the requirements of Part E of 19.15.27.8 NMAC. We will instruct our team to perform the AVOs on the frequency required under the rules. While the well is producing, we will take steps to minimize flaring during maintenance, as set forth below, and we have a process in place for the measuring of any flared gas and the reporting of any reportable flaring events.

VII. Best Management Practices

Steps are taken to minimize venting during active or planned maintenance when technically feasible including:

- Isolating the affected component and reducing pressure through process piping
- Blowing down the equipment being maintained to a control device
- Performing preventative maintenance and minimizing the duration of maintenance activities
- Shutting in sources of supply as possible
- Other steps that are available depending on the maintenance being performed

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 632550

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 632550
	Action Type: [C-103A] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.	11/3/2026
matthew.gomez	If cement does not circulate to surface on any string, a Radial Cement Bond Log (RCBL) is required for that string of casing. If strata isolation is not achieved, remediation will be required before further operations may commence.	11/3/2026
matthew.gomez	All conducted logs must be submitted to the OCD.	11/3/2026
matthew.gomez	Cement must be in place for at least eight hours AND achieve a minimum compressive strength of 500 PSI before performing any further operations on the well.	11/3/2026
matthew.gomez	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.	11/3/2026
matthew.gomez	File As Drilled C-102 and a directional Survey with C-104 completion packet.	11/3/2026
matthew.gomez	Notify the OCD 24 hours prior to casing & cement.	11/5/2026
matthew.gomez	Property code is now 339220.	11/5/2026
matthew.gomez	Pool codes are now 37870 and 97927.	11/5/2026
matthew.gomez	All previous COA's still apply.	11/5/2026