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.
	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.) 1. Type of Well: Oil Well ☐ Gas Well ☐ Other	7. Lease Name or Unit Agreement Name
	8. Well Number
2. Name of Operator	9. OGRID Number
3. Address of Operator	10. Pool name or Wildcat
4. Well Location Unit Letter_____:_____feet from the _____ line and _____feet from the _____line Section Township Range NMPM County	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

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.

Notice of Overlapping Spacing Unit

Spud Date: 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 DATE

Type or print name _____ E-mail address: _____ PHONE: _____

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
30-025-46292	37870	Legg; Bone Spring

Property Code	Property Name	Well Number
339220	TODDY GLOSSER 0529 STATE COM	150H

OGRID No.	Operator Name	Ground Level Elevation
228937	MATADOR PRODUCTION COMPANY	3657'

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	1930' W	N 32.4189325	W 103.5968490	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
M	29	21-S	33-E	-	110' S	330' W	N 32.4429234	W 103.6020478	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
240.05	INFILL	30-025-56454	Y	C

Order Numbers: R-24317

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	1653' W	N 32.4209971	W 103.5977432	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	1653' W	N 32.4211346	W 103.5977433	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
M	29	21-S	33-E	-	110' S	330' W	N 32.4429234	W 103.6020478	LEA

Unitized Area or Area of Uniform Interest	Spacing Unity Type	Ground Floor Elevation
PENDING	☒ Horizontal ☐ Vertical	3657'

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 — 9/23/2026

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 9/23/26 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_150H_REV3.dwg GANLEY 9/23/2026 3:58 PM

Received by OCD: 9/24/2026 9:41:11 AM

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
- [X] Amended Report
- [ ] As Drilled

Property Name and Well Number

TODDY GLOSSER 0529 STATE COM 150H

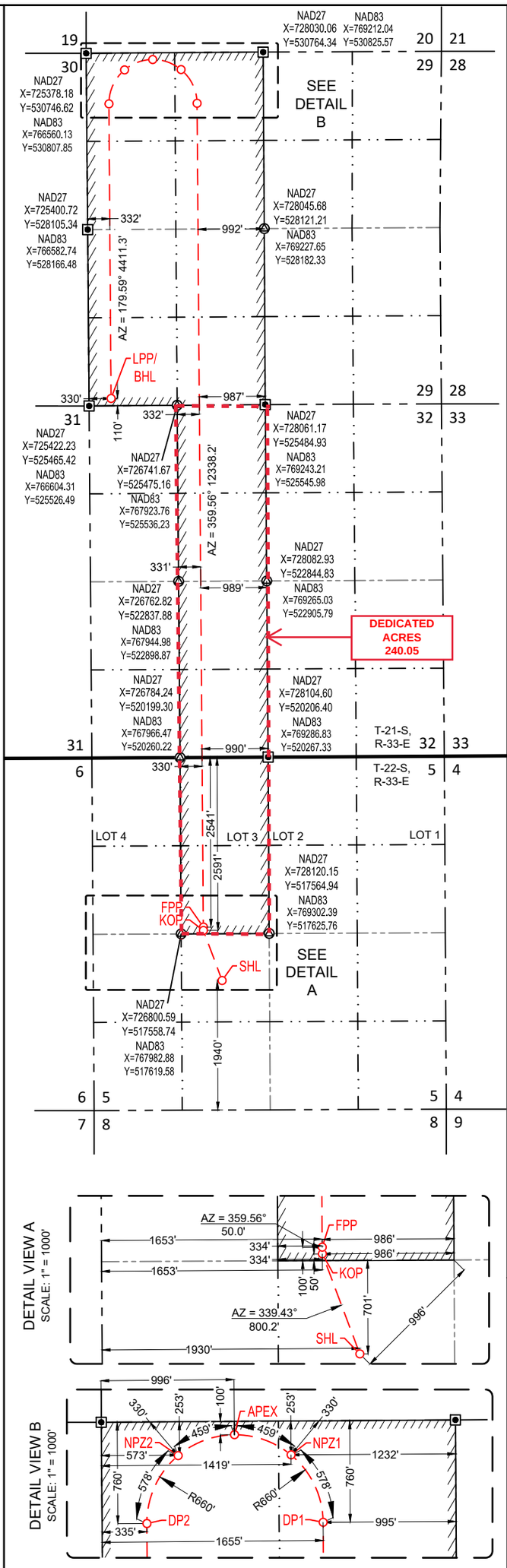
SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768597 Y=516922
LAT.: N 32.4189325
LONG.: W 103.5968490
NAD 1927
X=727415 Y=516862
LAT.: N 32.4188110
LONG.: W 103.5963632
1940' FSL 1930' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768316 Y=517671
LAT.: N 32.4209971
LONG.: W 103.5977432
NAD 1927
X=727134 Y=517611
LAT.: N 32.4208756
LONG.: W 103.5972573
2591' FNL 1653' FWL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=768316 Y=517721
LAT.: N 32.4211346
LONG.: W 103.5977433
NAD 1927
X=727134 Y=517661
LAT.: N 32.4210130
LONG.: W 103.5972574
2541' FNL 1653' FWL

DEFLECTION POINT (DP1)
NEW MEXICO EAST
NAD 1983
X=768222 Y=530059
LAT.: N 32.4550479
LONG.: W 103.5977739
NAD 1927
X=727039 Y=529998
LAT.: N 32.4549266
LONG.: W 103.5972868
760' FNL 1655' FWL

NON PERF. ZONE (NPZ1)
NEW MEXICO EAST
NAD 1983
X=767981 Y=530564
LAT.: N 32.4564406
LONG.: W 103.5985421
NAD 1927
X=726799 Y=530503
LAT.: N 32.4563194
LONG.: W 103.5980549
253' FNL 1419' 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

U-TURN APEX (APEX)
NEW MEXICO EAST
NAD 1983
X=767557 Y=530715
LAT.: N 32.4568623
LONG.: W 103.5999130
NAD 1927
X=726375 Y=530654
LAT.: N 32.4567411
LONG.: W 103.5994257
100' FNL 996' FWL

NON PERF. ZONE (NPZ2)
NEW MEXICO EAST
NAD 1983
X=767135 Y=530558
LAT.: N 32.4564411
LONG.: W 103.6012844
NAD 1927
X=725953 Y=530498
LAT.: N 32.4563198
LONG.: W 103.6007971
253' FNL 573' FWL

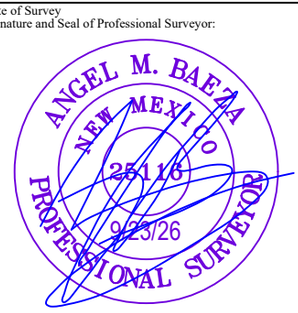
DEFLECTION POINT (DP2)
NEW MEXICO EAST
NAD 1983
X=766902 Y=530050
LAT.: N 32.4550485
LONG.: W 103.6020531
NAD 1927
X=725720 Y=529990
LAT.: N 32.4549273
LONG.: W 103.6015659
760' FNL 335' FWL

LAST PERF. POINT (LPP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=766933 Y=525639
LAT.: N 32.4429234
LONG.: W 103.6020478
NAD 1927
X=725751 Y=525578
LAT.: N 32.4428020
LONG.: W 103.6015609
110' FSL 330' FWL

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.

8/27/2026
Date of Survey
Signature and Seal of Professional Surveyor:



S:\SURVEY\MATADOR_RESOURCES\TODDY_GLOSSER_0529_05-25-3\EFINAL_PRODUCTS\LO_TODDY_GLOSSER_0529_STATE_COM_150H_REV3.dwg CRALEY 9/23/2026 3:58 PM

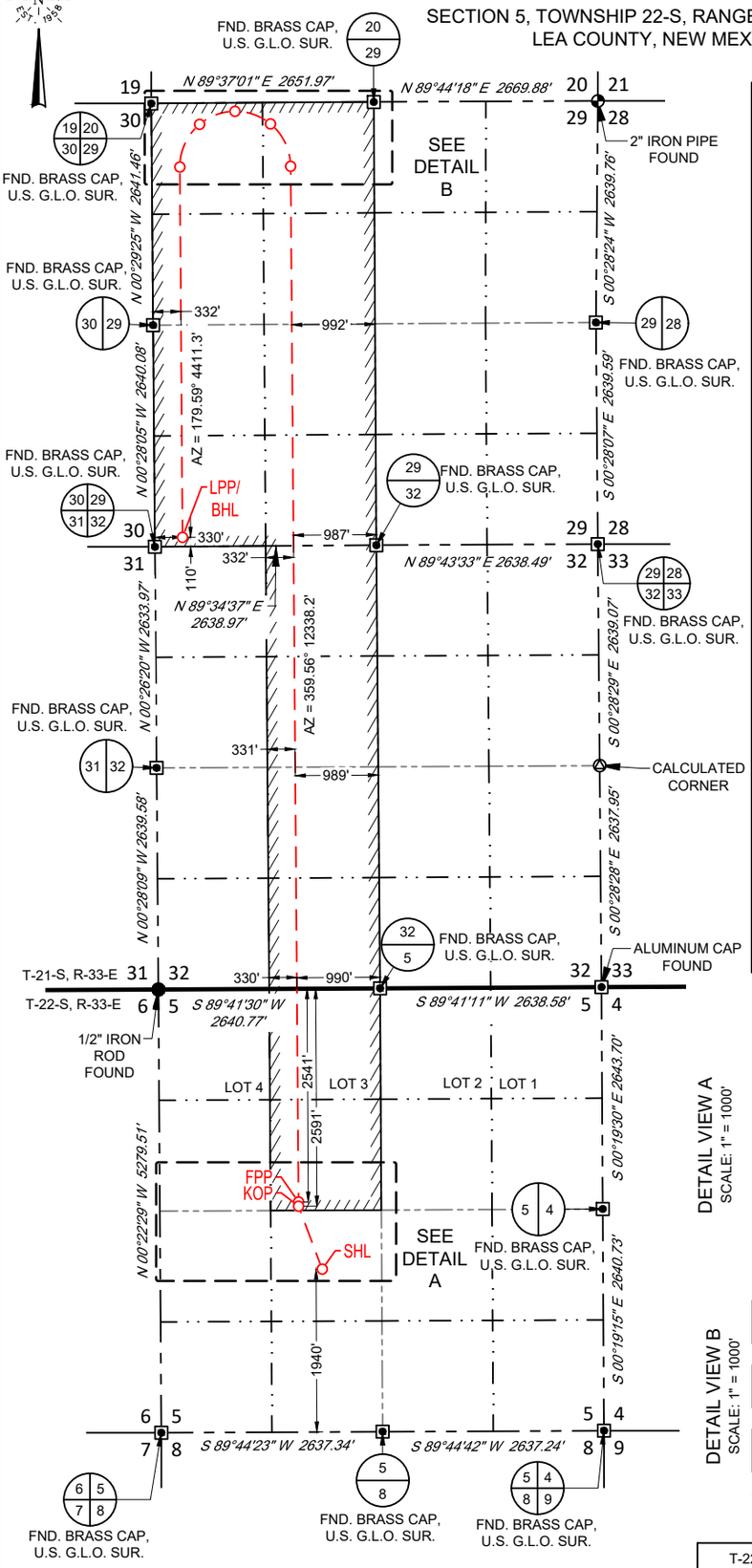
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SCALE: 1" = 2000'

0' 1000' 2000'

Matador PRODUCTION COMPANY

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



SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768597 Y=516922
LAT.: N 32.4189325
LONG.: W 103.5968490
1940' FSL 1930' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768316 Y=517671
LAT.: N 32.4209971
LONG.: W 103.5977432
2591' FNL 1653' FWL

FIRST PERF. POINT (FPP)
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LONG.: W 103.5977433
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NAD 1983
X=768222 Y=530059
LAT.: N 32.4550479
LONG.: W 103.5977739
760' FNL 1655' FWL

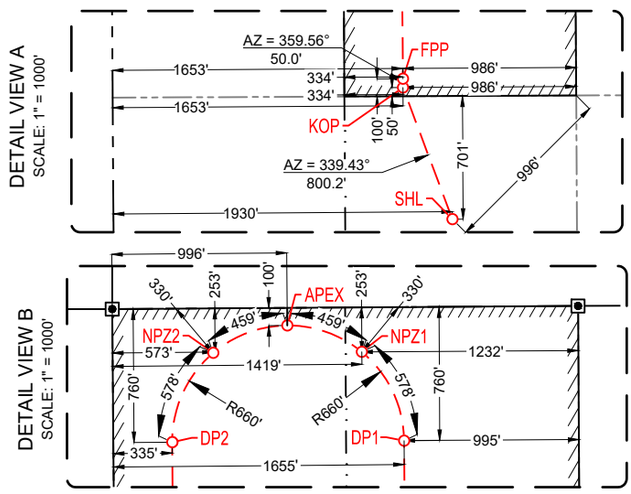
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NAD 1983
X=767981 Y=530564
LAT.: N 32.4564406
LONG.: W 103.5985421
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NEW MEXICO EAST
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LAT.: N 32.4568623
LONG.: W 103.5999130
100' FNL 996' FWL

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LAT.: N 32.4564411
LONG.: W 103.6012844
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NAD 1983
X=766933 Y=525639
LAT.: N 32.4429234
LONG.: W 103.6020478
110' FSL 330' 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

LEASE NAME & WELL NO.: TODDY GLOSSER 0529 STATE COM 150H

SECTION 5 TWP 22-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 1940' FSL & 1930' 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 ±482 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 9/23/26 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

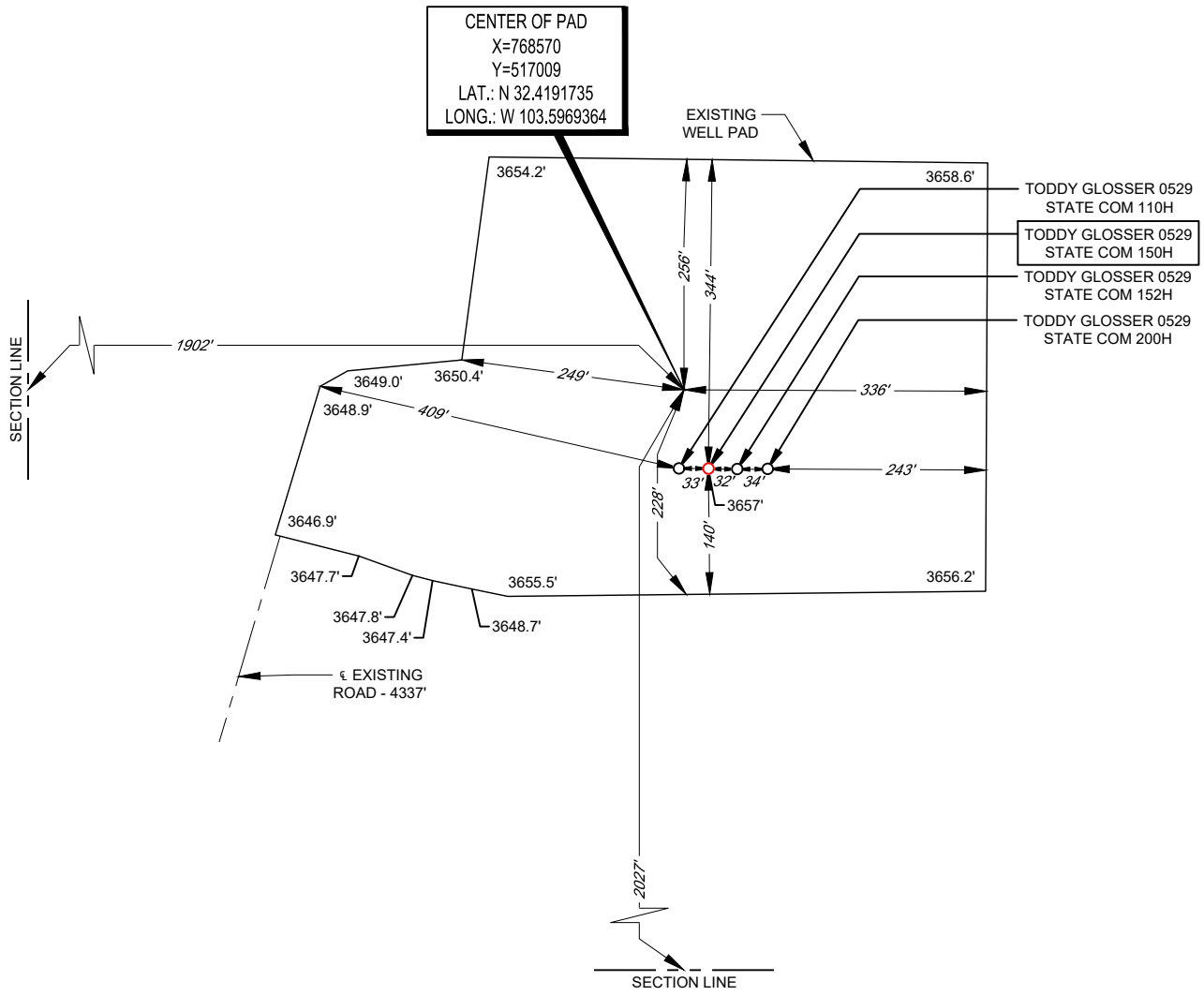
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LEGEND

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 150H

150H LATITUDE N 32.4189325 150H LONGITUDE W 103.5968490

CENTER OF PAD IS 2027' FSL & 1902' FWL

ANGEL M. BAEZA NEW MEXICO 25116 9/23/26 PROFESSIONAL SURVEYOR

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'

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WWW.TOPOGRAPHIC.COM

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
30-025-46292	97927	WC-025 G-07 S213330F; Bone Spring

Property Code	Property Name	Well Number
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OGRID No.	Operator Name	Ground Level Elevation
228937	MATADOR PRODUCTION COMPANY	3657'

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

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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
320	INFILL	30-025-56454	Y	C

Order Numbers: R-24317
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
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Eileen M Kosakowski 9/23/2026

Signature Date

Eileen M Kosakowski

Print Name

eileen.kosakowski@matadorresources.com

E-mail Address

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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_150H_REV3.dwg GANLEY 9/23/2026 3:58 PM

Received by OCD: 9/24/2026 9:41:11 AM

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 150H

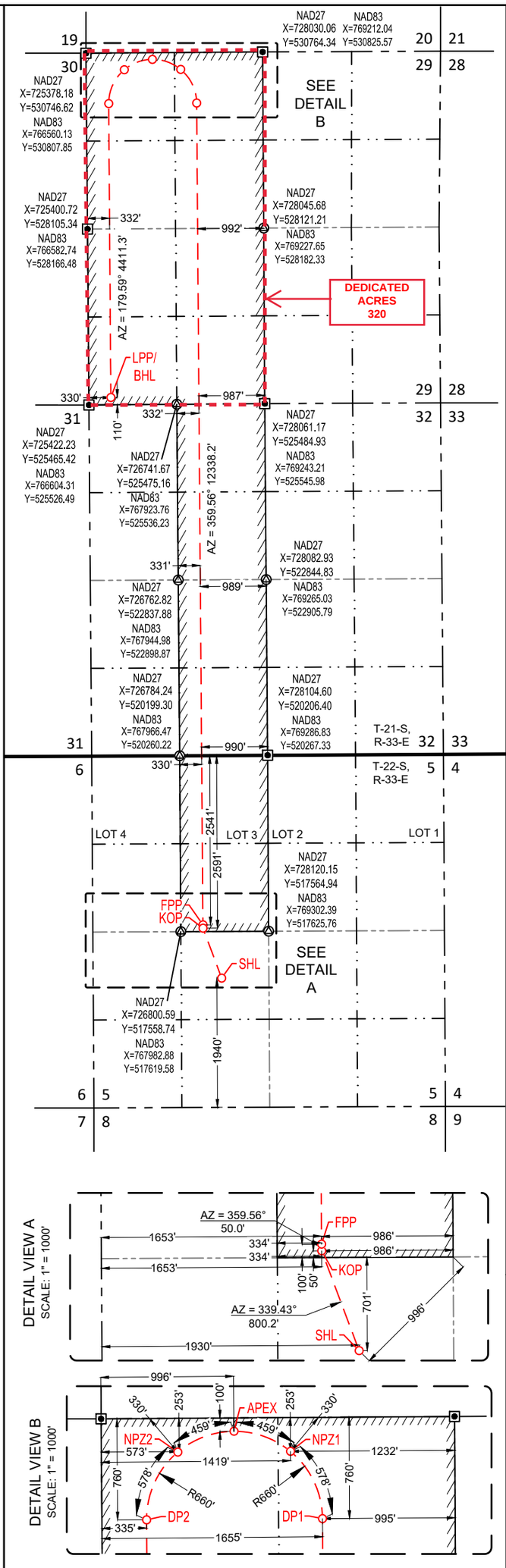
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LONG.: W 103.5977739
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NAD 1927
X=726799 Y=530503
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LOT 2 - 40.05 ACRES
LOT 3 - 40.05 ACRES
LOT 4 - 40.04 ACRES

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NAD 1983
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LAT.: N 32.4568623
LONG.: W 103.5999130
NAD 1927
X=726375 Y=530654
LAT.: N 32.4567411
LONG.: W 103.5994257
100' FNL 996' FWL

NON PERF. ZONE (NPZ2)
NEW MEXICO EAST
NAD 1983
X=767135 Y=530558
LAT.: N 32.4564411
LONG.: W 103.6012844
NAD 1927
X=725953 Y=530498
LAT.: N 32.4563198
LONG.: W 103.6007971
253' FNL 573' FWL

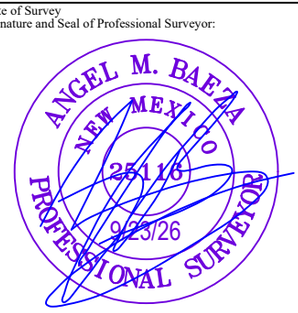
DEFLECTION POINT (DP2)
NEW MEXICO EAST
NAD 1983
X=766902 Y=530050
LAT.: N 32.4550485
LONG.: W 103.6020531
NAD 1927
X=725720 Y=529990
LAT.: N 32.4549273
LONG.: W 103.6015659
760' FNL 335' FWL

LAST PERF. POINT (LPP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=766933 Y=525639
LAT.: N 32.4429234
LONG.: W 103.6020478
NAD 1927
X=725751 Y=525578
LAT.: N 32.4428020
LONG.: W 103.6015609
110' FSL 330' FWL

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.

8/27/2026
Date of Survey
Signature and Seal of Professional Surveyor:



S:\SURVEY\MATADOR_RESOURCES\TODDY_GLOSSER_0529_05-25-3\EFINAL_PRODUCTS\LO_TODDY_GLOSSER_0529_STATE_COM_150H_REV3.dwg CRALEY 9/23/2026 3:58 PM

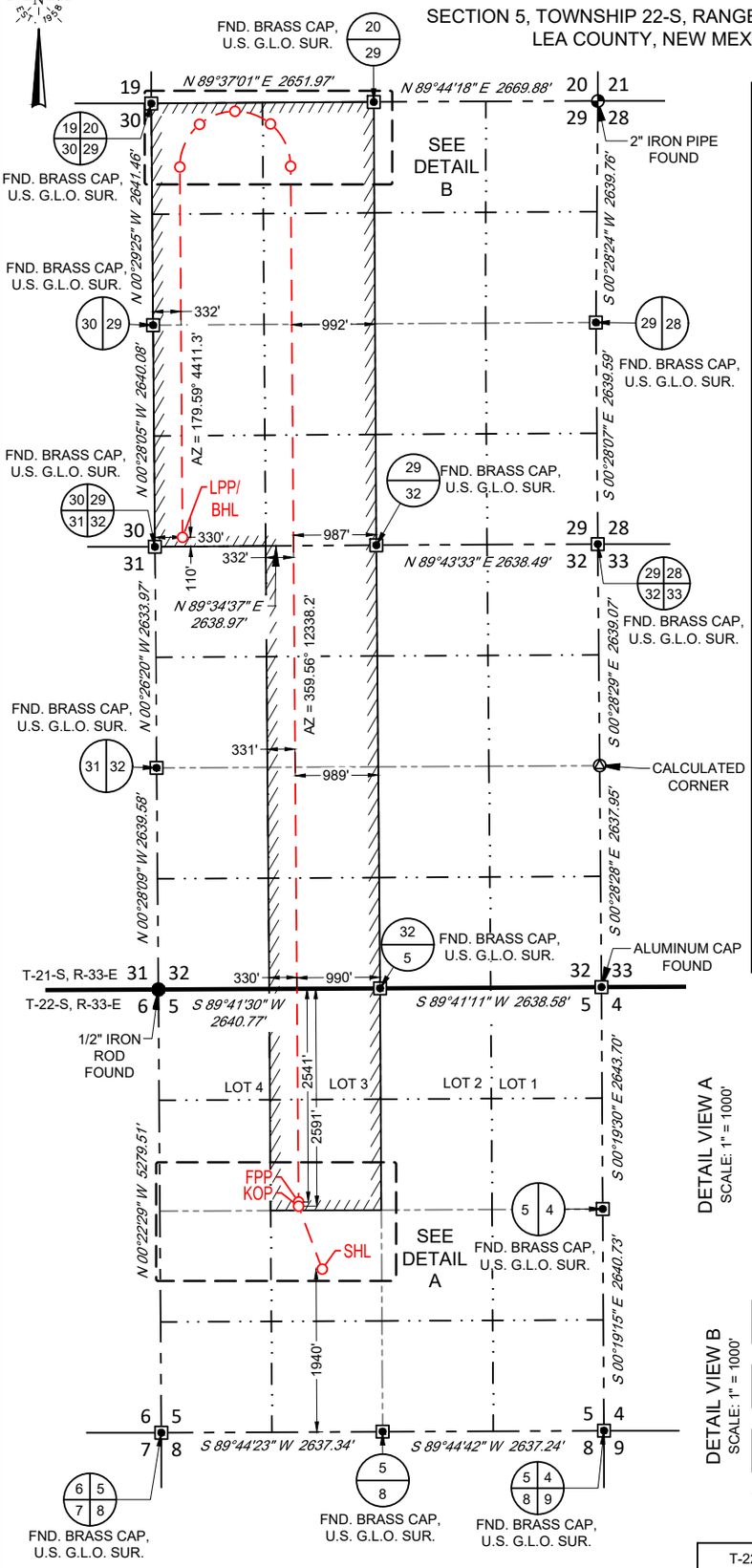
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SCALE: 1" = 2000'

0' 1000' 2000'

Matador PRODUCTION COMPANY

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



SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768597 Y=516922
LAT.: N 32.4189325
LONG.: W 103.5968490
1940' FSL 1930' FWL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768316 Y=517671
LAT.: N 32.4209971
LONG.: W 103.5977432
2591' FNL 1653' FWL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=768316 Y=517721
LAT.: N 32.4211346
LONG.: W 103.5977433
2541' FNL 1653' FWL

DEFLECTION POINT (DP1)
NEW MEXICO EAST
NAD 1983
X=768222 Y=530059
LAT.: N 32.4550479
LONG.: W 103.5977739
760' FNL 1655' FWL

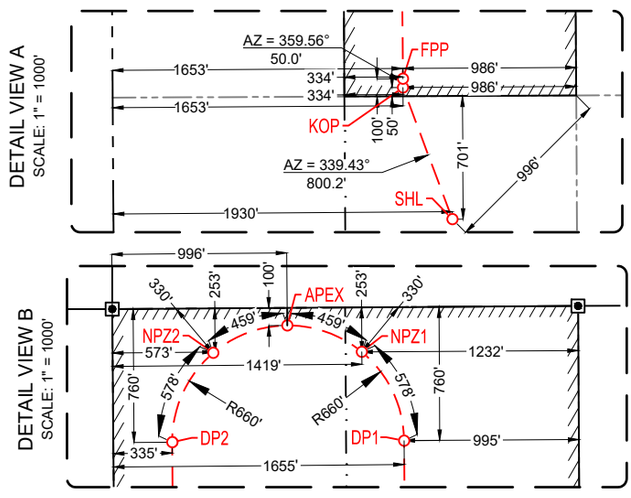
NON PERF. ZONE (NPZ1)
NEW MEXICO EAST
NAD 1983
X=767981 Y=530564
LAT.: N 32.4564406
LONG.: W 103.5985421
253' FNL 1419' FWL

U-TURN APEX (APEX)
NEW MEXICO EAST
NAD 1983
X=767557 Y=530715
LAT.: N 32.4568623
LONG.: W 103.5999130
100' FNL 996' FWL

NON PERF. ZONE (NPZ2)
NEW MEXICO EAST
NAD 1983
X=767135 Y=530558
LAT.: N 32.4564411
LONG.: W 103.6012844
253' FNL 573' FWL

DEFLECTION POINT (DP2)
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NAD 1983
X=766902 Y=530050
LAT.: N 32.4550485
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LAST PERF. POINT (LPP) BOTTOM HOLE LOCATION (BHL)
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NAD 1983
X=766933 Y=525639
LAT.: N 32.4429234
LONG.: W 103.6020478
110' FSL 330' 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

LEASE NAME & WELL NO.: TODDY GLOSSER 0529 STATE COM 150H

SECTION 5 TWP 22-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 1940' FSL & 1930' 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 ±482 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 PROFESSIONAL SURVEYOR 9/23/26

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

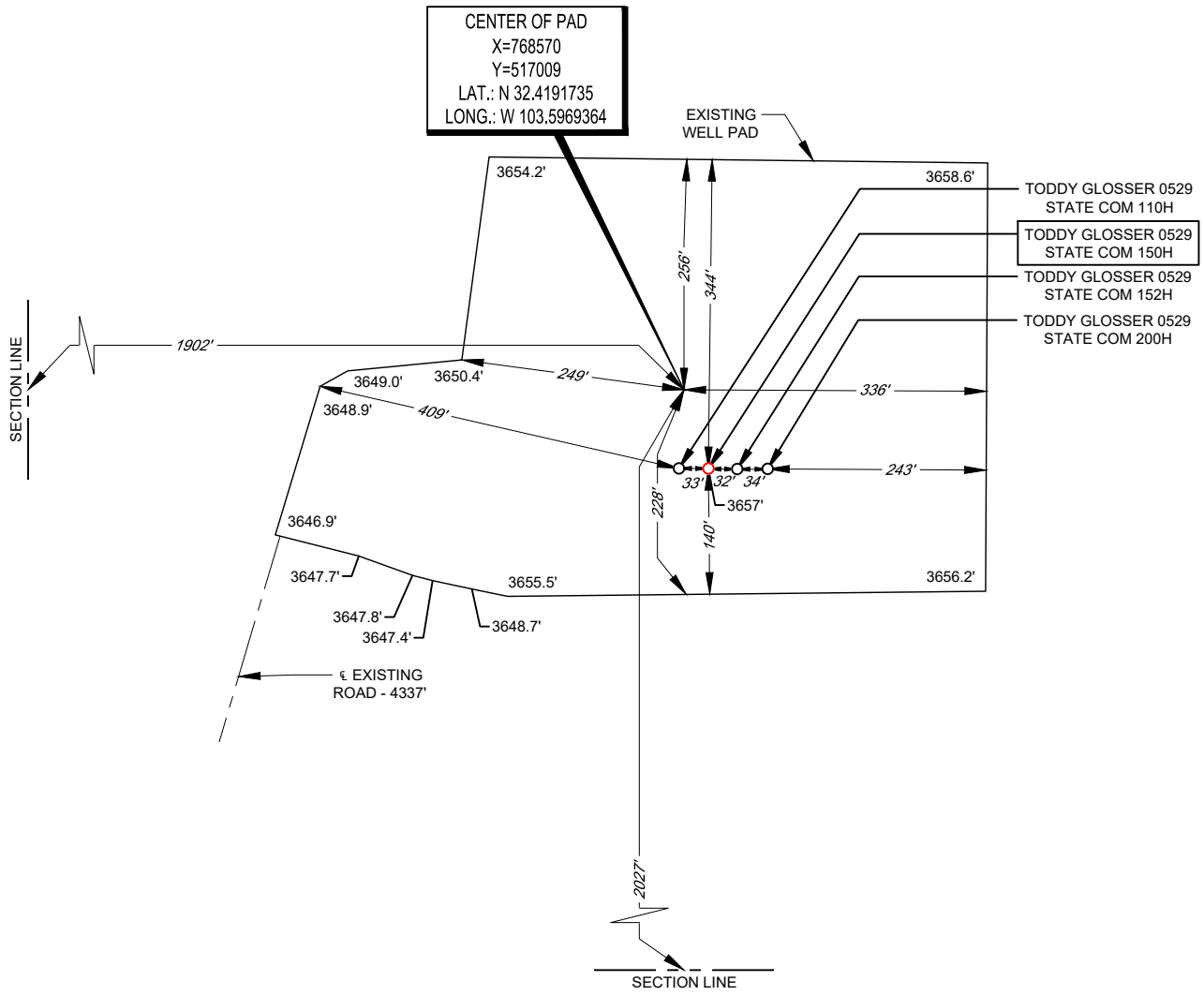
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LEGEND

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 150H

150H LATITUDE N 32.4189325 150H LONGITUDE W 103.5968490

CENTER OF PAD IS 2027' FSL & 1902' FWL

ANGEL M. BAEZA NEW MEXICO 25116 9/23/26 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"

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TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
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TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

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 #150H (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 #150H. 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

Clay Wooten

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

July 27th, 2026

Re: Notice of Overlapping Spacing Unit
Toddy Glosser State Com #150H (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 11,280'. 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 #501H (30-025-41518) and Fruit Loop 29 State #503H (30-025-44501), which are targeting the Second Bone Spring Sand with an approximate TVD of 11, 014' and 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	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	
Property Code	**Property Name**		**Well Number**
	TODDY GLOSSER 0529 STATE COM		150H
OGRID No.	**Operator Name**		**Ground Level Elevation**
----	MATADOR PRODUCTION COMPANY		3655'
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	1929' W	N 32.4189325	W 103.5968490	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
M	29	21-S	33-E	-	110' S	330' W	N 32.4429234	W 103.6020478	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
560.05	----	----	---	----
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	1653' W	N 32.4209971	W 103.5977432	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	1653' W	N 32.4211346	W 103.5977433	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
M	29	21-S	33-E	-	110' S	330' W	N 32.4429234	W 103.6020478	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. BADA NEW MEXICO 25116 5/1/26 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 150H

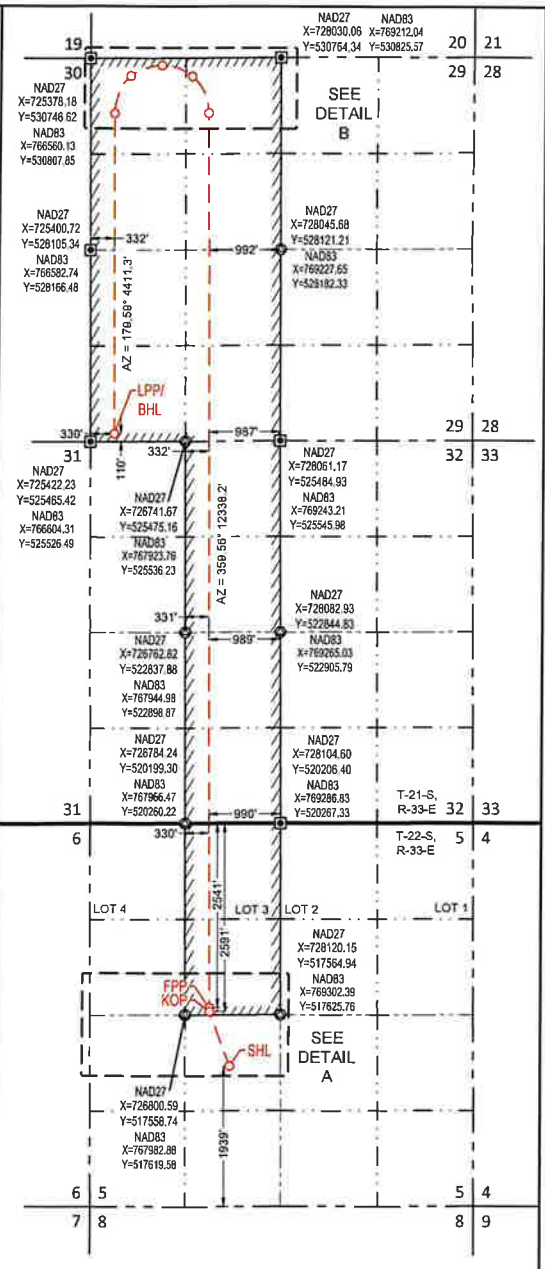
SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=768597 Y=516922
LAT.: N 32.4189325
LONG.: W 103.5968490
NAD 1927
X=727415 Y=516862
LAT.: N 32.4188110
LONG.: W 103.5963632
1939' FSL 1929' FWL

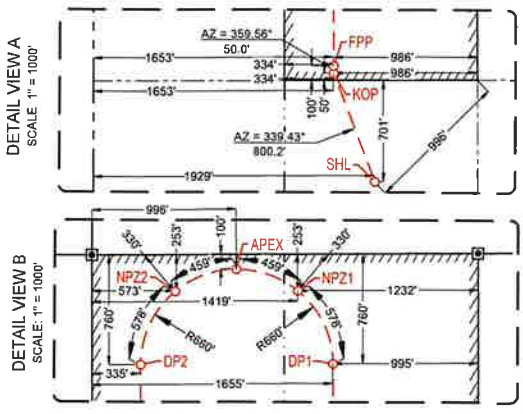
KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=768316 Y=517671
LAT.: N 32.4209971
LONG.: W 103.5977432
NAD 1927
X=727134 Y=517611
LAT.: N 32.4208756
LONG.: W 103.5972573
2591' FNL 1653' FWL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=768316 Y=517721
LAT.: N 32.4211346
LONG.: W 103.5977433
NAD 1927
X=727134 Y=517661
LAT.: N 32.4210130
LONG.: W 103.5972574
2541' FNL 1653' FWL

DEFLECTION POINT (DP1)
NEW MEXICO EAST
NAD 1983
X=768222 Y=530059
LAT.: N 32.4550479
LONG.: W 103.5977739
NAD 1927
X=727039 Y=529998
LAT.: N 32.4549266
LONG.: W 103.5972868
760' FNL 1655' FWL

NON PERF. ZONE (NPZ1)
NEW MEXICO EAST
NAD 1983
X=767981 Y=530564
LAT.: N 32.4564406
LONG.: W 103.5985421
NAD 1927
X=726799 Y=530503
LAT.: N 32.4563194
LONG.: W 103.5980549
253' FNL 1419' 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

U-TURN APEX (APEX)
NEW MEXICO EAST
NAD 1983
X=767557 Y=530715
LAT.: N 32.4568623
LONG.: W 103.5999130
NAD 1927
X=726375 Y=530654
LAT.: N 32.4567411
LONG.: W 103.5994257
100' FNL 996' FWL

NON PERF. ZONE (NPZ2)
NEW MEXICO EAST
NAD 1983
X=767135 Y=530558
LAT.: N 32.4564411
LONG.: W 103.6012844
NAD 1927
X=725953 Y=530498
LAT.: N 32.4563198
LONG.: W 103.6007971
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NAD 1983
X=766902 Y=530050
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NAD 1983
X=766933 Y=525639
LAT.: N 32.4429234
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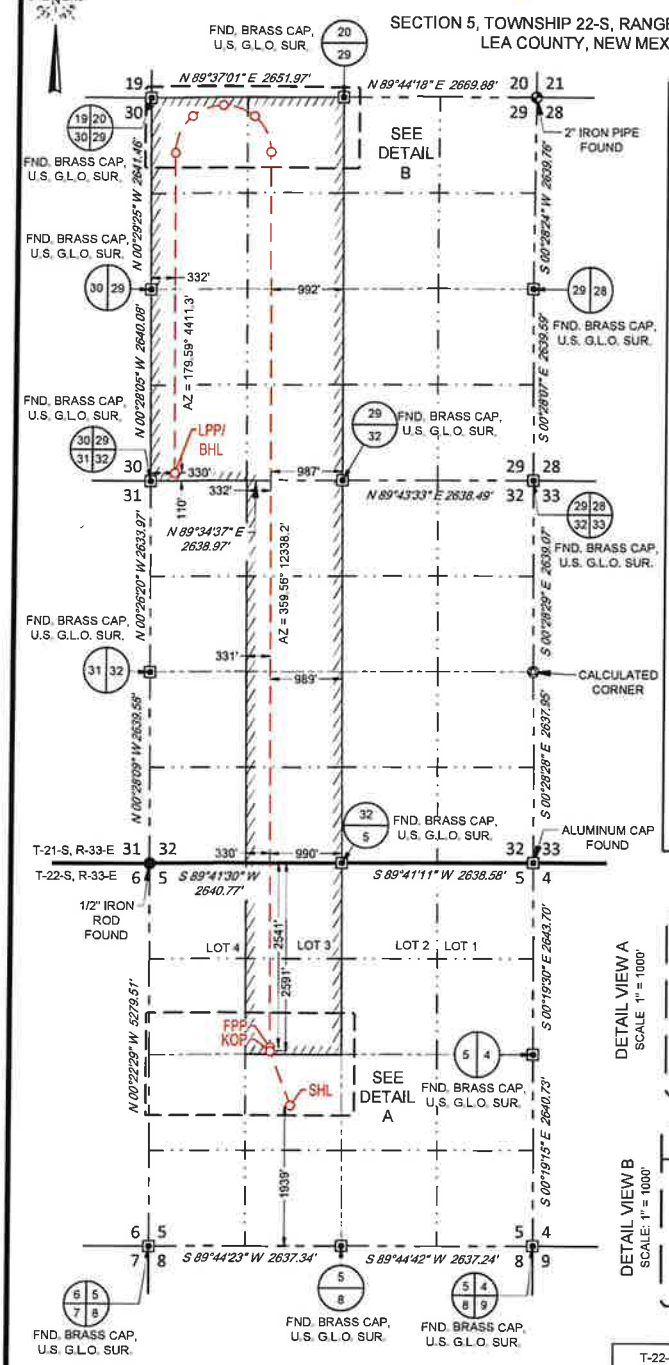
ANGEL M. BAEZA
NEW MEXICO
25116
9/1/26
PROFESSIONAL SURVEYOR

SCALE: 1" = 2000'

0' 1000' 2000'

Matador PRODUCTION COMPANY

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



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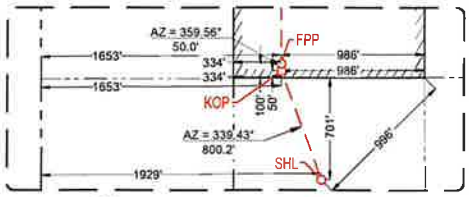
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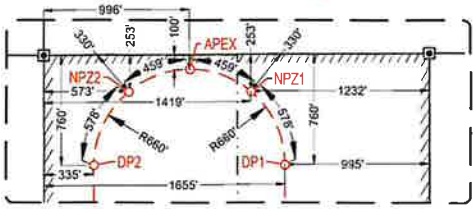
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NEW MEXICO EAST
NAD 1983
X=766933 Y=525639
LAT.: N 32.4429234
LONG.: W 103.6020478
110' FSL 330' FWL

DETAIL VIEW A
SCALE 1" = 1000'



DETAIL VIEW B
SCALE: 1" = 1000'



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 150H

SECTION 5 TWP 22-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 1939' FSL & 1929' 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 ±482 FEET SOUTHWEST OF THE LOCATION.

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ANGEL M. BAEZA NEW MEXICO 25116 PROFESSIONAL SURVEYOR 9/17/26

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

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WWW.TOPOGRAPHIC.COM

S:\SURVEY\MATADOR_RESOURCES\TODDY_GLOSSER_0529_05-22S-33E\FINAL_PRODUCTS\ECO_TODDY_GLOSSER_0529_STATE_COM_150H_REV1.DWG 9/17/2026 11:18:05 AM skyler.harris

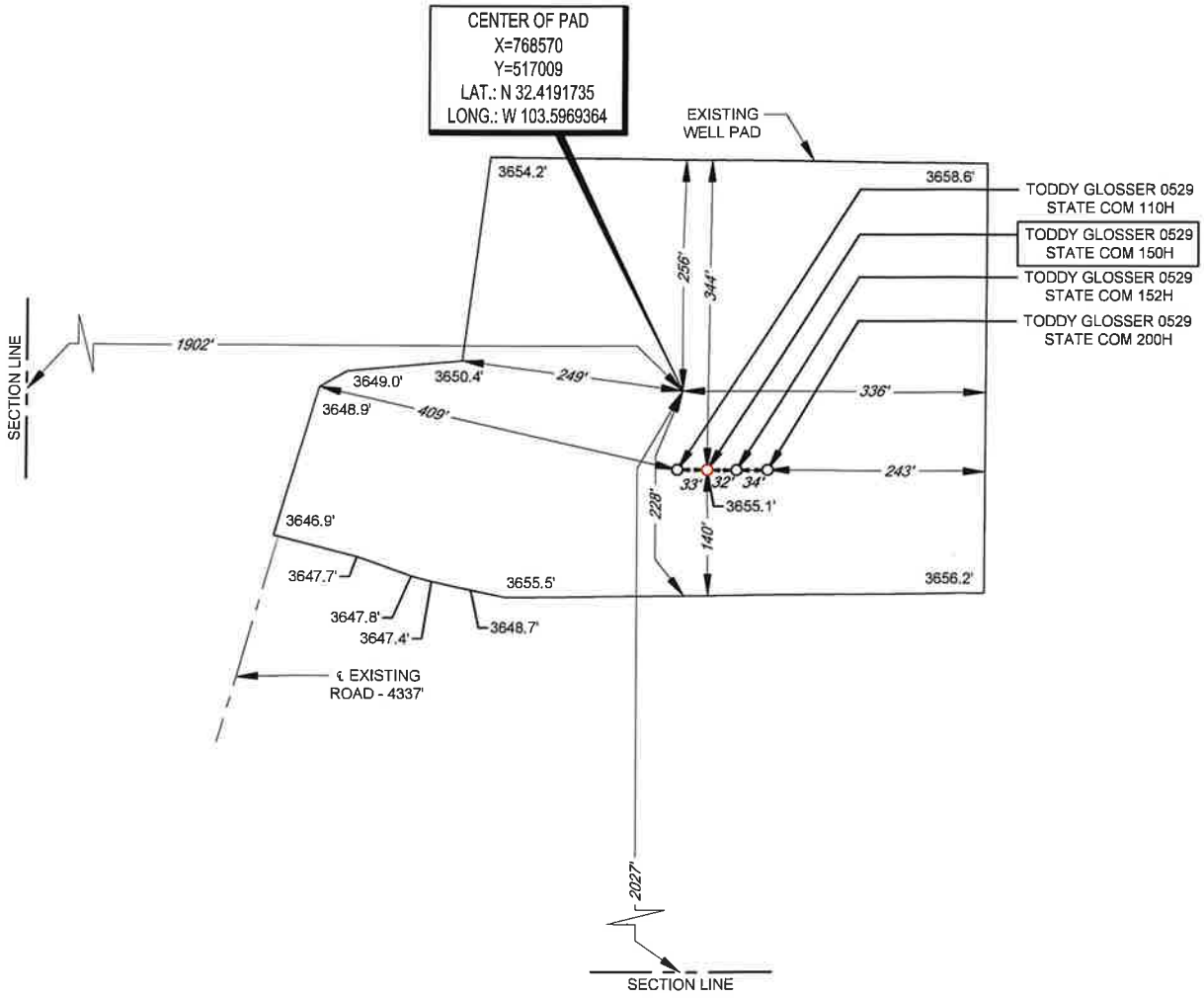
LEGEND

SECTION LINE

EXISTING ROAD

Matador PRODUCTION COMPANY

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



ANGEL M. BAEZA NEW MEXICO 25116 5/1/26 PROFESSIONAL SURVEYOR

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

LEASE NAME & WELL NO.: TODDY GLOSSER 0529 STATE COM 150H

150H LATITUDE N 32.4189325 150H LONGITUDE W 103.5968490

CENTER OF PAD IS 2027' FSL & 1902' FWL

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
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808 WEST INDIANA • MIDLAND, TEXAS 79701
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
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S:\SURVEY\MATADOR_RESOURCES\TODDY_GLOSSER_0529_05-22S-33E\FINAL_PRODUCTS\LO_TODDY_GLOSSER_0529_STATE_COM_150H_REV1.DWG 5/1/2026 11:18:06 AM skyler.harris

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1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
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District IV
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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

[1]API Number	[2]Pool Code	[3]Pool Name
30-025-41518 ✓	97927	WC-025 G-07 S213330F; Bone Spring ✓

[4]Property Code	[5]Property Name	[6]Well Number
40174 ✓	FRUIT LOOP 29 STATE ✓	#501H ✓

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377 ✓	EOG RESOURCES, INC. ✓	3726'

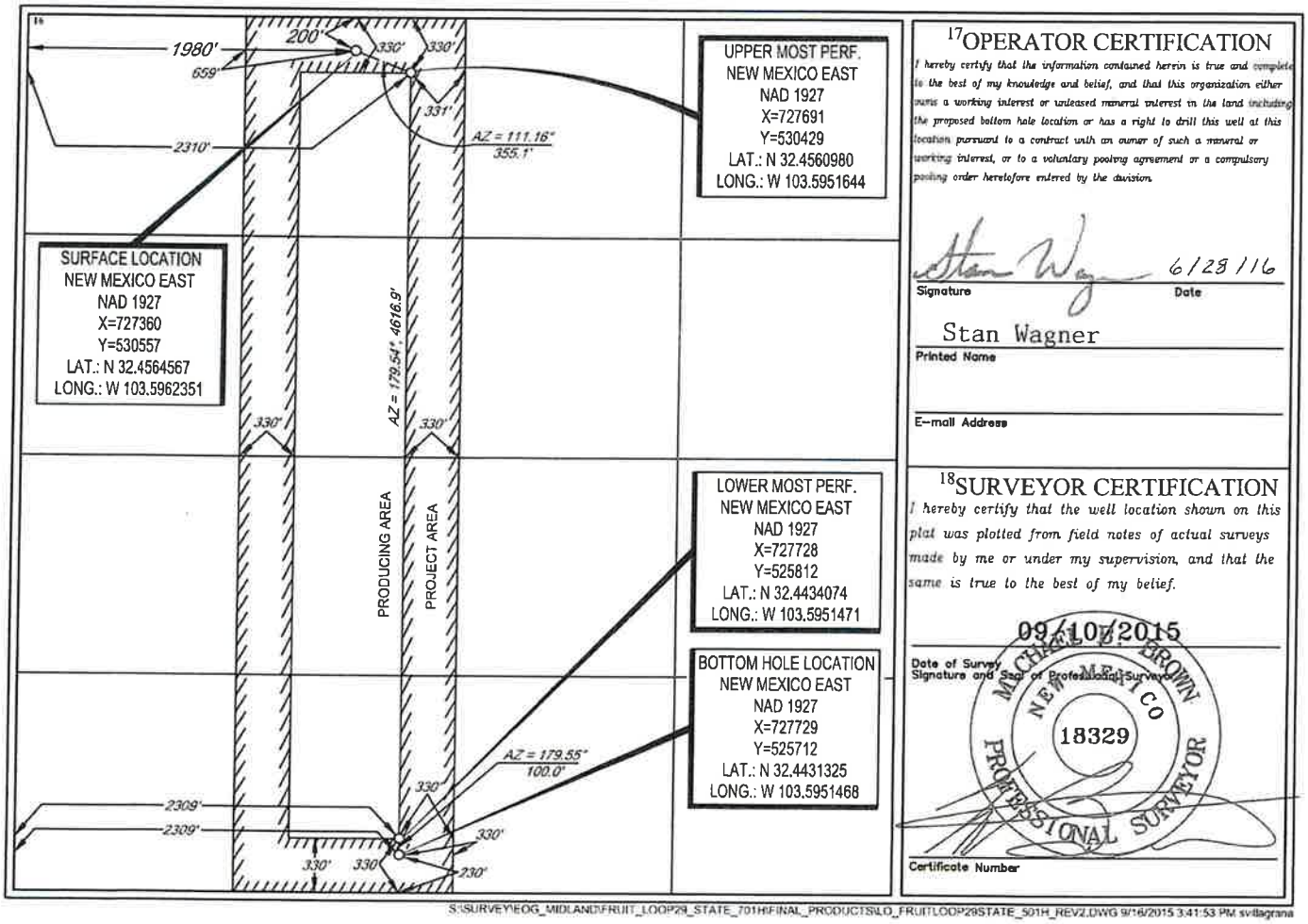
[10]Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	29	21-S	33-E	–	200'	NORTH	1980 ~~1977~~	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	–	206	SOUTH	2305	WEST	LEA ✓

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
160.00			

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.

Stan Wagner 6/28/16
Signature Date

Stan Wagner
Printed Name

E-mail Address

[18]SURVEYOR CERTIFICATION

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

09/10/2015
Date of Survey
Signature and Seal of Professional Surveyor

MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

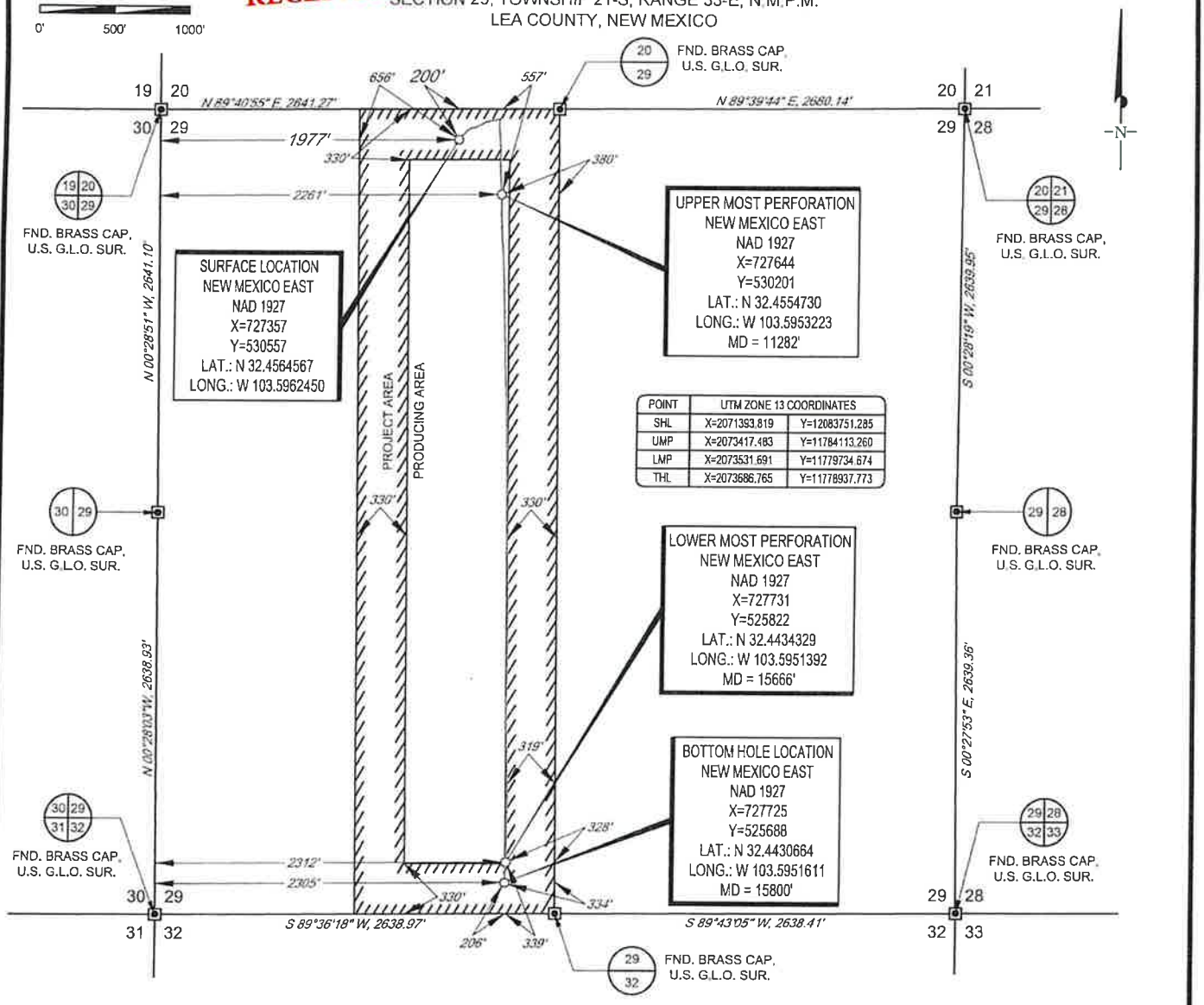
Certificate Number

S:\SURVEY\EOG_MIDLAND\FRUIT_LOOP29_STATE_701H\FINAL_PRODUCTS\XLO_FRUITLOOP29STATE_501H_REV2.DWG 9/16/2015 3:41:53 PM svillagrana

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07/11/2016
RECEIVED

30-025-41518

SECTION 29, TOWNSHIP 21-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



POINT	UTM ZONE 13 COORDINATES	
SHL	X=2071393.819	Y=12083751.285
UMP	X=2073417.483	Y=11784113.260
LMP	X=2073531.691	Y=11779734.674
THL	X=2073686.765	Y=11778937.773

LEASE NAME & WELL NO.: FRUIT LOOP 29 STATE #501H
SECTION 29 TWP 21-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3725'
DESCRIPTION 200' FNL & 1977' FWL

MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 197 - FT. WORTH, TEXAS 76140
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2903 NORTH BIG SPRING - MIDLAND, TEXAS 79705
TELEPHONE (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

eog resources, Inc.

Michael Blake Brown, P.S. No. 18329
APRIL 27, 2016

FRUIT LOOP 29 STATE #501H AS-COMPLETED	REVISION: INT	DATE
DATE: 04/27/16		
FILE: AD_FRUITLOOP29STATE_501H		
DRAWN BY: A.C.C.		
SHEET: 1 OF 1		

NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 1 1"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 19 27.
3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY EOG RESOURCES, INC. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.

Y:\SURVEY\EOG_MIDLAND\FRUIT_LOOP_29_STATE\FINAL_PRODUCTS\AD_FRUITLOOP29STATE_501H.DWG 4/28/2016 11:21:57 AM eschis

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AUG 21 2019
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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
30-025-44501	97927	WC-025 G-07 S213330F; BONE SPRING

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

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

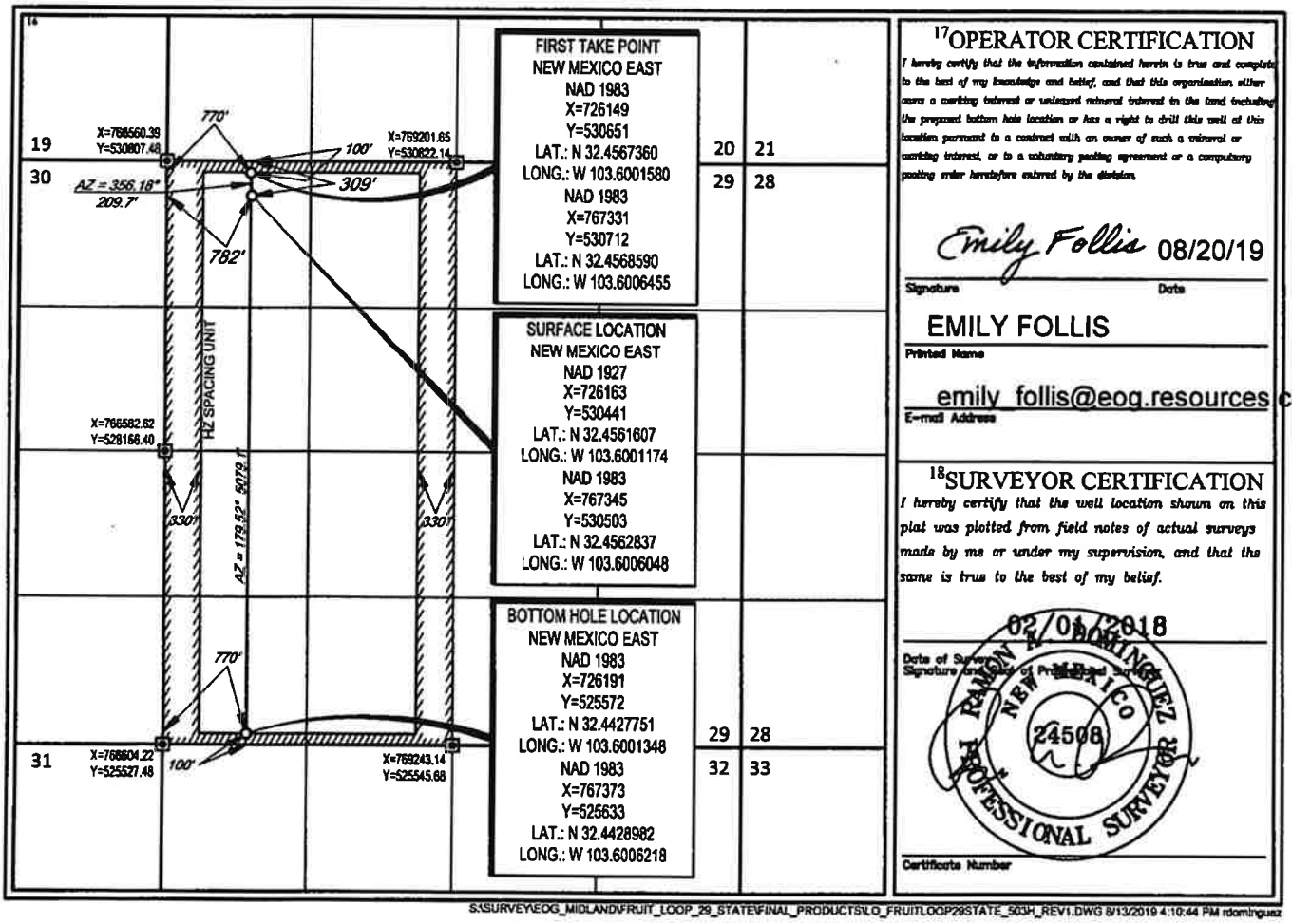
10Surface Location

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	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

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.



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_503H_REV1.DWG 8/13/2019 4:10:44 PM rdominguez

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Phone: (575) 393-6161 Fax: (575) 393-0720
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FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

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

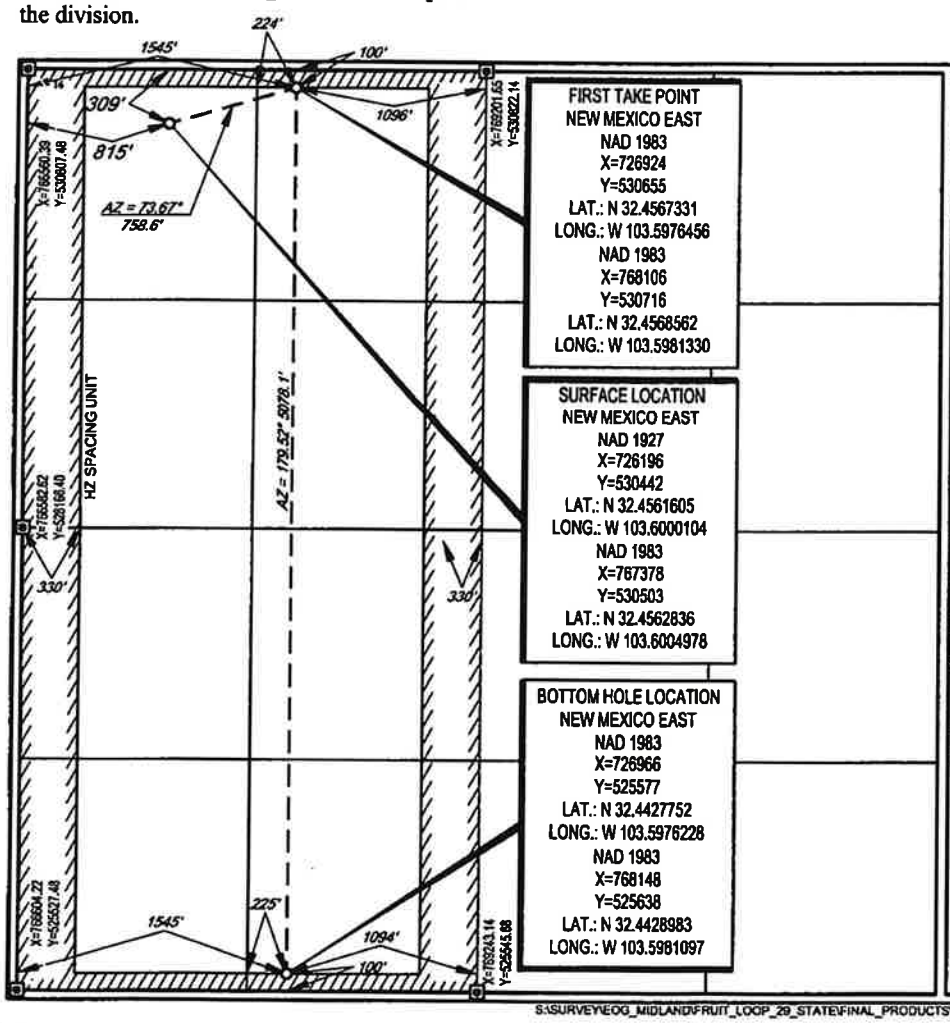
[10] Surface Location

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	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

[11] 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_602H.DWG 8/13/2019 4:10:24 PM rdominguez

DAGGER LAKE 5 STATE COM # 605H **30-025-46292**

C-103A NOI CHANGE OF PLANS DETAIL

1. **Change Well Name:**
   FROM: Dagger Lake 5 State Com #605H
   TO: Toddy Glosser 0529 State Com #150H

2. **Change Proposed Depth**
   FROM: 19,270' MD/11,843' TVD
   TO: 30,394' MD/11,281' TVD

3. **Pool Changes: (C-102s attached)**
   KEEP EXISTING: (37870) Legg; Bone Spring
   ADD: (97927) WC-025 G-07 S213330F; Bone Spring

4. **Change Proposed Bottom Hole Location**
   FROM: C-32-21S-33E 102 FNL 1650 FWL
   TO: M-29-21S-33E 110 FSL 330 FWL

5. **Dedicated Acres**
   240.05 acres - (37873) Legg; Bone Spring
   320 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 10/15/2019 and 10/21/2019.

FROM:

TYPE	HOLE SIZE	CASING SIZE	WEIGHT	SETTING DEPTH	SACKS OF CEMENT	EST. TOC
INT 1	12.25	9.625	40#	5300'	330	4000
PROD	8.5	5.5	20#	19,270'	2300	0

TO:

TYPE	HOLE SIZE	CASING SIZE	WEIGHT	SETTING DEPTH	SACKS OF CEMENT	EST. TOC
INT 2	8.75	7.625	29.70	10,631'	1561	0
PROD	6.75	5.5	20	30,394'	1462	10,231'

DAGGER LAKE 5 STATE COM # 605H **30-025-46292**

C-103A NOI CHANGE OF PLANS DETAIL

---

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
Operational Procedure
Directional Well Plan
Directional AC Report
Casing and Cement Plan
NGMP and Addendum

Well Name: **Toddy Glosser 0529 State Com #150H**

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	17.5	13.375	J-55	54.50	1212	0	**565**	0	**13.375" casing set at 1212' on 10/15/2019. Pumped 565 total sacks, 45 bbls cement circulated to surface.**
INT 1	Brine	12.25	9.625	J-55/HCL-80	40.00	4831	0	**1305**	0	**9.625" casing set at 4831' on 10/21/2019. Pumped 1305 total sacks, 110 bbls cement circulated to surface.**
INT 2	Brine/DBE	8.75	7.625	P-110	29.70	10631	0	1561	0	Option to run DV tool and Packer. Option to cement intermediate casing offline. Option to drill 8.75" or 8.5" open hole **Drilled section to 11440' on 11/2/2019.**
PROD	OBM/Cut Brine	6.75	5.5	P-110	20.00	30394	0	1462	10231	

Fluid Type
Pick List Choices

- Air
- Fresh Water
- Cut Brine
- Brine
- Produced Water
- Mud
- Oil-Based Mud

Matador Production Company

Antelope Ridge
Toddy Glosser 0529
Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)

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 #150H (Formerly D.L.5 #605H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3683.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3683.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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** 4/3/2026

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	30,393.6	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	30,393.6	20,098.0	820.8	588.6	3.534	CC, ES, SF
Dagger Lake 5 State Com #301H - Wellbore #1 - Actual	10,007.9	10,043.5	1,275.0	1,205.3	18.287	CC
Dagger Lake 5 State Com #301H - Wellbore #1 - Actual	30,393.6	18,139.0	1,412.9	1,195.9	6.511	ES, SF
Dagger Lake 5 State Com #501H - Wellbore #1 - Actual	30,393.6	19,025.0	438.0	230.4	2.110	CC, ES, SF
Dagger Lake 5 State Com #503H - Wellbore #1 - Actual	10,862.3	10,904.8	617.9	541.5	8.089	CC
Dagger Lake 5 State Com #503H - Wellbore #1 - Actual	19,200.0	18,955.7	713.2	450.4	2.714	ES
Dagger Lake 5 State Com #503H - Wellbore #1 - Actual	30,393.6	19,149.0	765.2	456.7	2.481	SF
Dagger Lake 5 State Com #513H - Wellbore #1 - Actual	10,286.7	10,608.2	393.9	321.1	5.415	CC, ES
Dagger Lake 5 State Com #513H - Wellbore #1 - Actual	30,393.6	18,893.0	1,318.2	1,033.3	4.627	SF
Dagger Lake 5 State Com #551H - Wellbore #1 - Actual	30,393.6	18,903.0	423.5	135.3	1.469	Level 3, CC, ES, SF
Dagger Lake 5 State Com #601H - Wellbore #1 - Actual	30,393.6	20,268.0	624.0	409.7	2.912	CC, ES, SF
Dagger Lake 5 State Com #603H - Wellbore #1 - Actual	10,734.0	10,734.5	675.9	600.1	8.926	CC
Dagger Lake 5 State Com #603H - Wellbore #1 - Actual	30,393.6	20,304.0	870.2	583.6	3.036	ES, SF
Dagger Lake South 8 Fed Com #502H - Wellbore #1 - Ac	10,636.8	17,727.2	1,274.9	1,113.5	7.901	CC, ES, SF
Dagger Lake South 8 Fed Com #504H - Wellbore #1 - Ac	10,997.1	18,132.2	400.7	237.5	2.455	CC
Dagger Lake South 8 Fed Com #504H - Wellbore #1 - Ac	11,000.0	18,133.3	400.7	237.4	2.454	ES, SF
Dagger Lake South 8 Fed Com #506H - Wellbore #1 - Ac	10,040.9	17,154.8	147.7	1.8	1.012	Level 2, CC, ES, SF
Dagger Lake South 8 Fed Com #508H - Wellbore #1 - Ac	10,642.7	17,821.6	456.3	306.2	3.040	CC, ES, SF
Dagger Lake South 8 Fed Com #510H - Wellbore #1 - Ac	10,042.6	16,809.7	1,367.4	1,207.1	8.528	CC, ES, SF
Dagger Lake South 8 Fed Com #512H - Wellbore #1 - Ac	10,673.9	17,792.7	2,250.7	2,086.8	13.727	CC, ES
Dagger Lake South 8 Fed Com #512H - Wellbore #1 - Ac	10,730.7	17,792.1	2,251.4	2,087.3	13.719	SF
Dagger Lake South 8 Fed Com #552H - Wellbore #1 - Ac	11,281.1	18,544.6	1,204.0	1,036.7	7.197	CC
Dagger Lake South 8 Fed Com #552H - Wellbore #1 - Ac	11,400.0	18,658.4	1,206.2	1,036.1	7.094	ES
Dagger Lake South 8 Fed Com #552H - Wellbore #1 - Ac	11,450.0	18,665.0	1,208.0	1,037.5	7.087	SF
Dagger Lake South 8 Fed Com #556H - Wellbore #1 - Ac	11,085.4	17,938.3	1,367.0	1,200.8	8.226	CC
Dagger Lake South 8 Fed Com #556H - Wellbore #1 - Ac	11,100.0	17,948.2	1,367.1	1,200.8	8.220	ES
Dagger Lake South 8 Fed Com #556H - Wellbore #1 - Ac	11,250.0	18,055.5	1,371.1	1,203.8	8.196	SF
Dagger Lake South 8 Fed Com #558H - Wellbore #1 - BL	11,456.3	18,866.8	2,327.2	2,157.8	13.741	CC, ES, SF
Dagger Lake South 8 Fed Com #560H - Wellbore #1 - Ac	11,454.9	19,076.0	429.9	271.6	2.715	CC, ES, SF
Dagger Lake South 8 Fed Com #562H - Wellbore #1 - Ac	11,398.4	18,811.0	534.3	376.3	3.382	CC, ES, SF
Dagger Lake South 8 Fed Com #564H - Wellbore #1 - Ac	11,500.0	18,910.0	1,468.2	1,296.6	8.556	ES, SF
Dagger Lake South 8 Fed Com #564H - Wellbore #1 - Ac	11,503.6	18,910.0	1,468.2	1,296.6	8.557	CC
Dagger Lake South 8 Fed Com #602H - Wellbore #1 - Ac	11,519.4	19,460.0	1,477.7	1,320.7	9.414	CC, ES
Dagger Lake South 8 Fed Com #602H - Wellbore #1 - Ac	11,550.0	19,460.0	1,478.3	1,321.1	9.402	SF
Dagger Lake South 8 Fed Com #604H - Wellbore #1 - Ac	11,522.4	19,558.0	886.6	774.0	7.878	CC, ES, 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 #150H (Formerly D.L.5 #605H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3683.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3683.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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 #606H - Wellbore #1 - Ac	11,559.3	19,635.0	2,375.4	2,208.2	14.204	CC, ES
Dagger Lake South 8 Fed Com #606H - Wellbore #1 - Ac	11,600.0	19,635.0	2,376.3	2,208.9	14.197	SF
Dagger Lake South 8 Fed Com #702H - Wellbore #1 - Ac	11,537.5	19,693.0	922.6	816.1	8.666	CC, ES
Dagger Lake South 8 Fed Com #702H - Wellbore #1 - Ac	11,550.0	19,693.0	922.8	816.3	8.666	SF
Dagger Lake South 8 Fed Com #706H - Wellbore #1 - Ac	11,537.0	19,454.0	1,610.6	1,456.7	10.463	CC, ES, SF
Offset Wells in Antelope Ridge						
Abe State #002H - Wellbore #1 - Actual	19,499.5	11,420.0	3,262.9	3,074.1	17.278	CC
Abe State #002H - Wellbore #1 - Actual	24,050.0	24,050.0	3,296.0	2,879.0	7.906	ES, SF
Abe State #003H - Wellbore #1 - Actual	23,961.0	15,816.7	2,739.7	2,427.8	8.785	CC
Abe State #003H - Wellbore #1 - Actual	24,000.0	15,855.9	2,740.8	2,427.7	8.754	ES
Abe State #003H - Wellbore #1 - Actual	26,400.0	26,400.0	4,078.3	3,606.7	8.648	SF
AO 6 #1H - Wellbore #1 - Actual	9,947.9	9,862.7	1,656.3	1,587.0	23.899	CC
AO 6 #1H - Wellbore #1 - Actual	10,000.0	9,912.5	1,656.5	1,586.8	23.778	ES
AO 6 #1H - Wellbore #1 - Actual	10,500.0	10,332.0	1,674.9	1,602.2	23.029	SF
AO 6 #501H - Wellbore #1 - Actual	9,039.7	8,978.2	1,978.2	1,914.8	31.185	CC
AO 6 #501H - Wellbore #1 - Actual	9,100.0	9,040.1	1,978.6	1,914.7	30.982	ES
AO 6 #501H - Wellbore #1 - Actual	10,500.0	10,274.6	2,008.2	1,935.3	27.540	SF
Coop 6 State #1H - Wellbore #1 - Actual	13,530.5	10,557.7	1,927.8	1,837.0	21.211	CC, ES
Coop 6 State #1H - Wellbore #1 - Actual	13,900.0	10,573.0	1,963.0	1,867.4	20.535	SF
Coop 6 State #2H - Wellbore #1 - Actual	12,330.6	10,488.3	1,896.1	1,819.1	24.640	CC, ES
Coop 6 State #2H - Wellbore #1 - Actual	12,800.0	10,474.0	1,953.4	1,872.2	24.070	SF
Dagger State Com #505H - Wellbore #1 - Actual	30,042.6	13,930.1	667.5	437.0	2.896	CC, ES
Dagger State Com #505H - Wellbore #1 - Actual	30,393.6	14,266.8	673.4	440.5	2.890	SF
Dagger State Unit #2H - Wellbore #1 - Actual	14,708.0	10,583.0	1,967.3	1,876.7	21.718	CC, ES
Dagger State Unit #2H - Wellbore #1 - Actual	15,000.0	10,566.5	1,988.5	1,894.4	21.129	SF
Fruit Loop 501H - Wellbore #1 - Wellbore #1	23,930.9	11,474.9	698.3	462.4	2.960	CC, ES
Fruit Loop 501H - Wellbore #1 - Wellbore #1	23,950.0	11,454.6	698.5	462.5	2.960	SF
Fruit Loop 503H - Wellbore #1 - Wellbore #1	25,336.1	11,040.6	548.4	414.3	4.089	CC
Fruit Loop 503H - Wellbore #1 - Wellbore #1	30,393.6	15,787.0	598.1	354.8	2.458	ES, SF
Fruit Loop 602H - Wellbore #1 - Wellbore #1	24,509.7	11,455.0	229.7	34.9	1.179	Level 2, CC
Fruit Loop 602H - Wellbore #1 - Wellbore #1	24,600.0	11,452.3	252.5	7.8	1.032	Level 2, ES, SF
State LT 32 Com #001 - Wellbore #1 - Actual	16,049.9	11,341.1	376.6	38.6	1.114	Level 2, CC, ES, SF

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3683.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3683.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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
Paul Flowers / Charlie KS						
Charlie KS #208H - Wellbore #1 - Actual	28,000.0	24,789.1	955.6	608.8	2.756	ES, SF
Charlie KS #208H - Wellbore #1 - Actual	28,057.6	24,747.6	955.0	609.2	2.762	CC
Charlie KS #208H - Wellbore #1 - State Plan #1	27,900.0	24,920.5	1,026.7	700.3	3.146	ES, SF
Charlie KS #208H - Wellbore #1 - State Plan #1	30,393.6	22,446.7	1,025.8	728.1	3.446	CC
Charlie KS State Com #147H - Wellbore #1 - Final	27,800.0	23,403.0	2,431.6	2,014.7	5.833	SF
Charlie KS State Com #147H - Wellbore #1 - Final	27,900.0	23,403.0	2,426.7	2,011.3	5.842	ES
Charlie KS State Com #147H - Wellbore #1 - Final	30,126.1	21,246.5	2,407.0	2,041.6	6.588	CC
Charlie KS State Com #147H - Wellbore #1 - State Plan	27,800.0	23,145.4	2,477.3	2,068.1	6.054	SF
Charlie KS State Com #147H - Wellbore #1 - State Plan	27,900.0	23,145.4	2,472.5	2,064.8	6.064	ES
Charlie KS State Com #147H - Wellbore #1 - State Plan	30,393.6	20,720.4	2,471.1	2,117.0	6.977	CC
Paul Flowers #112H - Wellbore #1 - State Plan #1	27,700.0	22,848.8	4,049.8	3,642.6	9.945	SF
Paul Flowers #112H - Wellbore #1 - State Plan #1	27,901.4	22,853.7	4,044.6	3,639.0	9.971	CC, ES
Paul Flowers #112H - Wellbore #1 - Wellbore #1	29,300.0	29,300.0	4,076.9	3,580.6	8.215	ES, SF
Paul Flowers #112H - Wellbore #1 - Wellbore #1	30,393.6	20,255.1	4,035.1	3,685.7	11.550	CC
Paul Flowers #113H - Wellbore #1 - State Plan #1	27,800.0	22,756.6	2,934.7	2,542.5	7.483	SF
Paul Flowers #113H - Wellbore #1 - State Plan #1	27,900.0	22,756.6	2,932.7	2,541.6	7.499	ES
Paul Flowers #113H - Wellbore #1 - State Plan #1	27,908.4	22,762.2	2,932.7	2,541.6	7.500	CC
Paul Flowers #113H - Wellbore #1 - Wellbore #1	27,800.0	22,786.0	2,802.9	2,418.6	7.294	SF
Paul Flowers #113H - Wellbore #1 - Wellbore #1	27,970.7	22,786.0	2,797.7	2,414.9	7.308	CC, ES
Paul Flowers #114H - Wellbore #1 - State Plan #1	27,800.0	22,779.5	1,886.5	1,545.4	5.531	SF
Paul Flowers #114H - Wellbore #1 - State Plan #1	27,900.0	22,779.5	1,883.2	1,542.9	5.533	ES
Paul Flowers #114H - Wellbore #1 - State Plan #1	30,393.6	20,303.2	1,882.2	1,575.0	6.126	CC
Paul Flowers #132H - Wellbore #1 - State Plan #1	27,600.0	24,836.0	3,384.5	2,964.8	8.065	SF
Paul Flowers #132H - Wellbore #1 - State Plan #1	27,900.0	24,836.0	3,370.6	2,954.8	8.106	ES
Paul Flowers #132H - Wellbore #1 - State Plan #1	27,904.4	24,839.2	3,370.6	2,954.8	8.107	CC
Paul Flowers #134H - Wellbore #1 - State Plan #1	27,800.0	24,834.7	1,729.1	1,331.6	4.350	SF
Paul Flowers #134H - Wellbore #1 - State Plan #1	27,900.0	24,834.7	1,725.5	1,329.5	4.357	ES
Paul Flowers #134H - Wellbore #1 - State Plan #1	30,393.6	22,351.7	1,725.0	1,379.9	4.999	CC
Paul Flowers #152H - Wellbore #1 - State Plan #1	27,700.0	24,227.0	3,309.9	2,885.5	7.800	SF
Paul Flowers #152H - Wellbore #1 - State Plan #1	27,900.0	24,227.0	3,303.4	2,882.0	7.839	ES
Paul Flowers #152H - Wellbore #1 - State Plan #1	27,904.9	24,229.6	3,303.4	2,882.1	7.840	CC
Paul Flowers #153H - Wellbore #1 - State Plan #1	27,800.0	24,551.8	2,546.0	2,126.7	6.073	SF
Paul Flowers #153H - Wellbore #1 - State Plan #1	27,900.0	24,551.8	2,543.7	2,125.8	6.087	ES
Paul Flowers #153H - Wellbore #1 - State Plan #1	30,393.6	22,066.5	2,543.3	2,182.1	7.042	CC
Paul Flowers #154H - Wellbore #1 - State Plan #1	27,800.0	24,125.3	1,586.6	1,164.6	3.759	SF
Paul Flowers #154H - Wellbore #1 - State Plan #1	27,900.0	24,125.3	1,582.8	1,162.4	3.765	ES
Paul Flowers #154H - Wellbore #1 - State Plan #1	30,393.6	21,642.3	1,582.2	1,219.8	4.366	CC
Paul Flowers #155H - Wellbore #1 - Total Plan 3	27,700.0	24,316.2	3,936.7	3,514.2	9.317	SF
Paul Flowers #155H - Wellbore #1 - Total Plan 3	27,900.0	24,316.2	3,928.3	3,507.3	9.333	ES
Paul Flowers #155H - Wellbore #1 - Total Plan 3	27,966.3	24,316.2	3,927.7	3,507.5	9.348	CC
Paul Flowers #155H - Wellbore #1 - Wellbore #1	28,500.0	23,483.0	4,129.3	3,725.8	10.233	SF
Paul Flowers #155H - Wellbore #1 - Wellbore #1	28,800.0	23,483.0	4,118.2	3,717.1	10.269	ES
Paul Flowers #155H - Wellbore #1 - Wellbore #1	28,803.6	23,483.0	4,118.2	3,717.2	10.270	CC
Paul Flowers #158H - Wellbore #1 - Actual	27,900.0	24,287.0	1,003.6	585.6	2.401	SF
Paul Flowers #158H - Wellbore #1 - Actual	28,000.0	24,250.8	1,000.6	584.4	2.404	ES
Paul Flowers #158H - Wellbore #1 - Actual	28,051.5	24,208.9	1,000.3	585.3	2.411	CC
Paul Flowers #158H - Wellbore #1 - State Plan #1	27,900.0	24,510.5	1,059.7	657.8	2.637	ES, SF
Paul Flowers #158H - Wellbore #1 - State Plan #1	30,393.6	22,029.2	1,059.1	709.6	3.030	CC
Paul Flowers #203H - Wellbore #1 - Acutal	28,383.9	24,363.7	2,570.2	2,168.0	6.390	CC
Paul Flowers #203H - Wellbore #1 - Acutal	28,800.0	28,800.0	2,583.3	2,115.9	5.527	ES, SF
Paul Flowers #203H - Wellbore #1 - State Plan #1	27,800.0	24,901.7	2,627.3	2,216.7	6.400	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 #150H (Formerly D.L.5 #605H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3683.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3683.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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
Paul Flowers / Charlie KS						
Paul Flowers #203H - Wellbore #1 - State Plan #1	27,900.0	24,909.8	2,625.0	2,215.7	6.414	ES
Paul Flowers #203H - Wellbore #1 - State Plan #1	30,393.6	22,416.2	2,624.6	2,269.5	7.392	CC
Paul Flowers #205H - Wellbore #1 - Actual	27,900.0	24,846.0	4,030.0	3,611.6	9.631	ES
Paul Flowers #205H - Wellbore #1 - Actual	27,967.6	24,846.0	4,029.4	3,611.8	9.648	CC
Paul Flowers #205H - Wellbore #1 - Actual	28,900.0	28,900.0	4,131.1	3,665.0	8.862	SF
Paul Flowers #205H - Wellbore #1 - Total Plan 3	27,700.0	24,884.0	4,036.9	3,617.2	9.618	SF
Paul Flowers #205H - Wellbore #1 - Total Plan 3	27,900.0	24,884.0	4,028.7	3,610.6	9.637	ES
Paul Flowers #205H - Wellbore #1 - Total Plan 3	27,965.6	24,884.0	4,028.1	3,610.9	9.654	CC
Paul Flowers State Com #146H - Wellbore #1 - Dip Sect	27,700.0	23,400.0	3,506.7	3,142.0	9.616	SF
Paul Flowers State Com #146H - Wellbore #1 - Dip Sect	27,900.0	23,400.0	3,497.3	3,134.6	9.643	ES
Paul Flowers State Com #146H - Wellbore #1 - Dip Sect	30,393.6	20,967.5	3,493.7	3,188.1	11.431	CC
Paul Flowers State Com #146H - Wellbore #1 - State Pla	27,700.0	23,334.5	3,500.8	3,079.4	8.309	SF
Paul Flowers State Com #146H - Wellbore #1 - State Pla	27,900.0	23,334.5	3,491.3	3,072.4	8.335	ES
Paul Flowers State Com #146H - Wellbore #1 - State Pla	27,964.6	23,337.5	3,490.6	3,072.8	8.355	CC
Toddy Glosser 0529						
Toddy Glosser 0529 State Com #110H - Wellbore #1 - St	1,329.5	1,330.3	24.8	15.8	2.760	CC
Toddy Glosser 0529 State Com #110H - Wellbore #1 - St	1,407.0	1,407.8	25.3	15.8	2.657	ES
Toddy Glosser 0529 State Com #110H - Wellbore #1 - St	1,677.0	1,677.6	29.6	18.2	2.591	SF
Toddy Glosser 0529 State Com #113H - Wellbore #1 - St	9,291.8	9,422.1	1,953.4	1,886.8	29.323	CC
Toddy Glosser 0529 State Com #113H - Wellbore #1 - St	9,321.0	9,441.4	1,953.5	1,886.8	29.259	ES
Toddy Glosser 0529 State Com #113H - Wellbore #1 - St	24,100.0	22,506.4	2,335.6	1,955.4	6.144	SF
Toddy Glosser 0529 State Com #114H - Wellbore #1 - O	366.1	409.9	3,004.6	3,002.3	1,294.828	CC
Toddy Glosser 0529 State Com #114H - Wellbore #1 - O	708.0	732.0	3,006.4	3,001.7	642.295	ES
Toddy Glosser 0529 State Com #114H - Wellbore #1 - O	24,150.0	22,519.8	3,547.8	3,135.3	8.602	SF
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	366.1	409.9	3,004.6	3,002.3	1,294.828	CC
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	19,300.0	17,629.4	3,157.6	2,898.8	12.202	ES
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	24,150.0	22,592.5	3,547.8	3,135.5	8.606	SF
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	366.1	409.9	3,004.6	3,002.3	1,294.828	CC
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	708.0	732.0	3,006.4	3,001.7	642.295	ES
Toddy Glosser 0529 State Com #114H - Wellbore #1 - St	24,150.0	22,501.8	3,546.7	3,134.2	8.597	SF
Toddy Glosser 0529 State Com #120H - Wellbore #1 - S	18,656.2	19,981.2	715.4	468.9	2.903	CC, ES, SF
Toddy Glosser 0529 State Com #129H - Wellbore #1 - S	10,657.8	27,222.8	1,758.9	1,609.9	11.804	CC
Toddy Glosser 0529 State Com #129H - Wellbore #1 - S	18,500.0	20,325.9	1,761.4	1,513.0	7.090	ES
Toddy Glosser 0529 State Com #129H - Wellbore #1 - S	18,700.0	20,250.0	1,769.9	1,519.4	7.066	SF
Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #	2,318.7	2,318.8	31.6	15.8	2.005	CC
Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #	2,400.0	2,400.1	31.7	15.4	1.944	ES
Toddy Glosser 0529 State Com #152H (Formerly D.L.5 #	4,633.0	4,634.5	50.2	18.2	1.569	SF
Toddy Glosser 0529 State Com #159H - Wellbore #1 - S	18,628.1	20,230.5	1,323.5	1,061.7	5.055	CC, ES
Toddy Glosser 0529 State Com #159H - Wellbore #1 - S	18,700.0	20,200.0	1,324.3	1,061.8	5.045	SF
Toddy Glosser 0529 State Com #200H (Formerly D.L.5 #	0.0	1.0	65.8			
Toddy Glosser 0529 State Com #200H (Formerly D.L.5 #	4,365.0	4,365.3	84.0	54.0	2.796	ES
Toddy Glosser 0529 State Com #200H (Formerly D.L.5 #	4,543.0	4,542.9	86.1	54.8	2.750	SF
Toddy Glosser 0529 State Com #203H - Wellbore #1 - S	11,564.8	11,376.5	1,983.0	1,900.9	24.138	CC
Toddy Glosser 0529 State Com #203H - Wellbore #1 - S	23,950.0	24,400.2	2,159.6	1,756.6	5.359	ES
Toddy Glosser 0529 State Com #203H - Wellbore #1 - S	24,050.0	24,500.6	2,169.9	1,763.6	5.340	SF
Toddy Glosser 0529 State Com #204H - Wellbore #1 - S	4,557.3	4,600.4	2,778.8	2,746.5	86.208	CC
Toddy Glosser 0529 State Com #204H - Wellbore #1 - S	23,950.0	24,382.7	2,798.1	2,385.2	6.776	ES
Toddy Glosser 0529 State Com #204H - Wellbore #1 - S	24,100.0	24,530.7	2,819.5	2,401.6	6.748	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 #150H (Formerly D.L.5 #605H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3683.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3683.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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	25,000.0	10,568.0	1,337.6	1,141.0	6.804	SF
Wool Head 20 State #501H - Wellbore #1 - Actual	25,350.0	10,568.0	1,196.0	1,036.5	7.498	ES
Wool Head 20 State #501H - Wellbore #1 - Actual	25,418.4	10,568.0	1,191.7	1,039.7	7.840	CC
Wool Head 20 State Com #301H - Wellbore #1 - Actual	24,550.0	10,197.1	1,530.7	1,380.0	10.157	SF
Wool Head 20 State Com #301H - Wellbore #1 - Actual	25,095.2	10,206.0	1,364.0	1,241.1	11.096	CC, ES
Wool Head 20 State Com #302H - Wellbore #1 - Actual	24,323.8	10,110.0	1,850.6	1,675.0	10.539	CC
Wool Head 20 State Com #302H - Wellbore #1 - Actual	24,350.0	10,110.0	1,851.2	1,673.8	10.437	ES
Wool Head 20 State Com #302H - Wellbore #1 - Actual	24,800.0	10,204.0	2,010.8	1,802.4	9.647	SF
Wool Head 20 State Com #303H - Wellbore #1 - Actual	23,200.0	23,200.0	3,937.3	3,664.9	14.454	SF
Wool Head 20 State Com #303H - Wellbore #1 - Actual	24,104.6	10,065.0	3,640.4	3,403.1	15.342	CC, ES
Wool Head 20 State Com #502H - Wellbore #1 - Actual	24,954.0	10,931.9	642.5	522.4	5.351	CC
Wool Head 20 State Com #502H - Wellbore #1 - Actual	25,000.0	10,930.6	645.0	522.0	5.245	ES
Wool Head 20 State Com #502H - Wellbore #1 - Actual	25,300.0	10,899.2	767.7	600.8	4.599	SF
Wool Head 20 State Com #503H - Wellbore #1 - Actual	24,593.9	10,378.0	1,243.4	1,111.7	9.439	CC
Wool Head 20 State Com #503H - Wellbore #1 - Actual	24,650.0	10,378.0	1,245.6	1,109.2	9.130	ES
Wool Head 20 State Com #503H - Wellbore #1 - Actual	25,100.0	10,316.6	1,402.4	1,225.5	7.930	SF
Wool Head 20 State Com #507H - Wellbore #1 - Actual	24,306.9	10,514.0	1,822.2	1,614.0	8.753	CC
Wool Head 20 State Com #507H - Wellbore #1 - Actual	24,350.0	10,514.0	1,824.0	1,612.6	8.629	ES
Wool Head 20 State Com #507H - Wellbore #1 - Actual	24,600.0	10,514.0	1,900.0	1,671.8	8.325	SF
Wool Head 20 State Com #508H - Wellbore #1 - Actual	24,152.6	10,313.0	2,631.2	2,399.7	11.366	CC
Wool Head 20 State Com #508H - Wellbore #1 - Actual	24,200.0	10,320.0	2,633.1	2,399.6	11.279	ES
Wool Head 20 State Com #508H - Wellbore #1 - Actual	24,400.0	10,367.2	2,682.3	2,440.9	11.112	SF
Wool Head 20 State Com #509H - Wellbore #1 - Actual	24,214.6	10,805.0	1,960.4	1,724.4	8.307	CC
Wool Head 20 State Com #509H - Wellbore #1 - Actual	24,250.0	10,805.0	1,961.6	1,723.5	8.239	ES
Wool Head 20 State Com #509H - Wellbore #1 - Actual	24,450.0	10,853.7	2,011.7	1,762.8	8.082	SF
Wool Head 20 State Com #510H - Wellbore #1 - Actual	24,115.8	10,539.0	3,290.3	3,045.1	13.418	CC
Wool Head 20 State Com #510H - Wellbore #1 - Actual	24,150.0	10,539.0	3,291.4	3,045.0	13.360	ES
Wool Head 20 State Com #510H - Wellbore #1 - Actual	24,350.0	10,539.0	3,338.3	3,085.8	13.219	SF
Wool Head 20 State Com #511H - Wellbore #1 - Actual	24,108.5	10,808.0	2,843.9	2,594.3	11.390	CC, ES
Wool Head 20 State Com #511H - Wellbore #1 - Actual	24,300.0	10,855.6	2,876.3	2,620.1	11.226	SF
Wool Head 20 State Com #512H - Wellbore #1 - Actual	24,103.3	11,079.0	3,447.8	3,193.5	13.554	CC, ES
Wool Head 20 State Com #512H - Wellbore #1 - Actual	24,300.0	11,118.2	3,481.3	3,221.4	13.392	SF
Wool Head 20 State Com #551H - Wellbore #1 - Actual	25,150.0	11,193.3	610.6	398.3	2.877	SF
Wool Head 20 State Com #551H - Wellbore #1 - Actual	25,250.0	11,179.7	565.0	376.0	2.989	ES
Wool Head 20 State Com #551H - Wellbore #1 - Actual	25,362.4	11,147.0	547.3	389.4	3.467	CC
Wool Head 20 State Com #552H - Wellbore #1 - Actual	24,510.2	11,092.0	619.7	440.4	3.456	CC
Wool Head 20 State Com #552H - Wellbore #1 - Actual	24,600.0	11,110.3	631.1	429.4	3.129	ES
Wool Head 20 State Com #552H - Wellbore #1 - Actual	24,700.0	11,124.3	669.5	447.2	3.011	SF
Wool Head 20 State Com #553H - Wellbore #1 - Actual	24,237.7	11,044.4	1,516.1	1,277.9	6.364	CC
Wool Head 20 State Com #553H - Wellbore #1 - Actual	24,250.0	11,045.7	1,516.3	1,277.1	6.339	ES
Wool Head 20 State Com #553H - Wellbore #1 - Actual	24,400.0	11,061.3	1,543.8	1,294.0	6.180	SF
Wool Head 20 State Com #554H - Wellbore #1 - Actual	24,079.6	10,947.9	3,114.4	2,859.6	12.222	CC
Wool Head 20 State Com #554H - Wellbore #1 - Actual	24,100.0	10,950.8	3,114.8	2,859.3	12.193	ES
Wool Head 20 State Com #554H - Wellbore #1 - Actual	24,250.0	10,992.0	3,140.8	2,880.8	12.081	SF
Wool Head 20 State Com #601H - Wellbore #1 - Actual	24,856.3	11,381.6	167.5	59.6	1.552	CC
Wool Head 20 State Com #601H - Wellbore #1 - Actual	24,950.0	11,382.0	197.7	2.3	1.012	Level 2, ES, SF
Wool Head 20 State Com #605H - Wellbore #1 - Actual	24,147.1	11,324.7	1,763.6	1,512.3	7.017	CC
Wool Head 20 State Com #605H - Wellbore #1 - Actual	24,150.0	11,324.6	1,763.6	1,512.1	7.013	ES
Wool Head 20 State Com #605H - Wellbore #1 - Actual	24,300.0	11,319.3	1,787.9	1,529.1	6.910	SF
Wool Head 20 State Com #606H - Wellbore #1 - Actual	24,306.9	11,244.5	1,078.1	845.1	4.627	CC
Wool Head 20 State Com #606H - Wellbore #1 - Actual	24,350.0	11,246.9	1,080.4	842.3	4.538	ES

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 #150H (Formerly D.L.5 #605H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3683.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3683.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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 Com #606H - Wellbore #1 - Actual	24,450.0	11,252.4	1,102.8	854.3	4.438	SF
Wool Head 20 State Com #607H - Wellbore #1 - Actual	24,092.5	11,337.0	2,766.3	2,509.3	10.765	CC
Wool Head 20 State Com #607H - Wellbore #1 - Actual	24,100.0	11,337.0	2,766.4	2,509.1	10.754	ES
Wool Head 20 State Com #607H - Wellbore #1 - Actual	24,250.0	11,337.0	2,789.6	2,527.6	10.646	SF
Wool Head 20 State Com #608H - Wellbore #1 - Actual	24,064.3	11,332.6	3,424.6	3,165.5	13.216	CC, ES
Wool Head 20 State Com #608H - Wellbore #1 - Actual	24,450.0	24,450.0	3,553.2	3,243.9	11.487	SF
Wool Head 20 State Com #703H - Wellbore #1 - Actual	24,199.7	10,600.0	1,588.8	1,365.6	7.120	CC
Wool Head 20 State Com #703H - Wellbore #1 - Actual	24,250.0	10,600.0	1,591.3	1,364.9	7.028	ES
Wool Head 20 State Com #703H - Wellbore #1 - Actual	24,400.0	10,600.0	1,627.8	1,392.4	6.917	SF
Wool Head 20 State Com #801H - Wellbore #1 - Actual	25,200.0	11,353.9	417.0	191.3	1.848	SF
Wool Head 20 State Com #801H - Wellbore #1 - Actual	25,250.0	11,356.6	391.7	181.7	1.865	ES
Wool Head 20 State Com #801H - Wellbore #1 - Actual	25,358.0	11,361.9	368.0	205.3	2.262	CC
Wool Head 20 State Com #804H - Wellbore #1 - Actual	24,070.6	11,379.0	3,140.2	2,881.7	12.147	CC
Wool Head 20 State Com #804H - Wellbore #1 - Actual	24,100.0	11,378.0	3,141.0	2,881.6	12.109	ES
Wool Head 20 State Com #804H - Wellbore #1 - Actual	24,250.0	11,373.6	3,169.7	2,906.2	12.029	SF

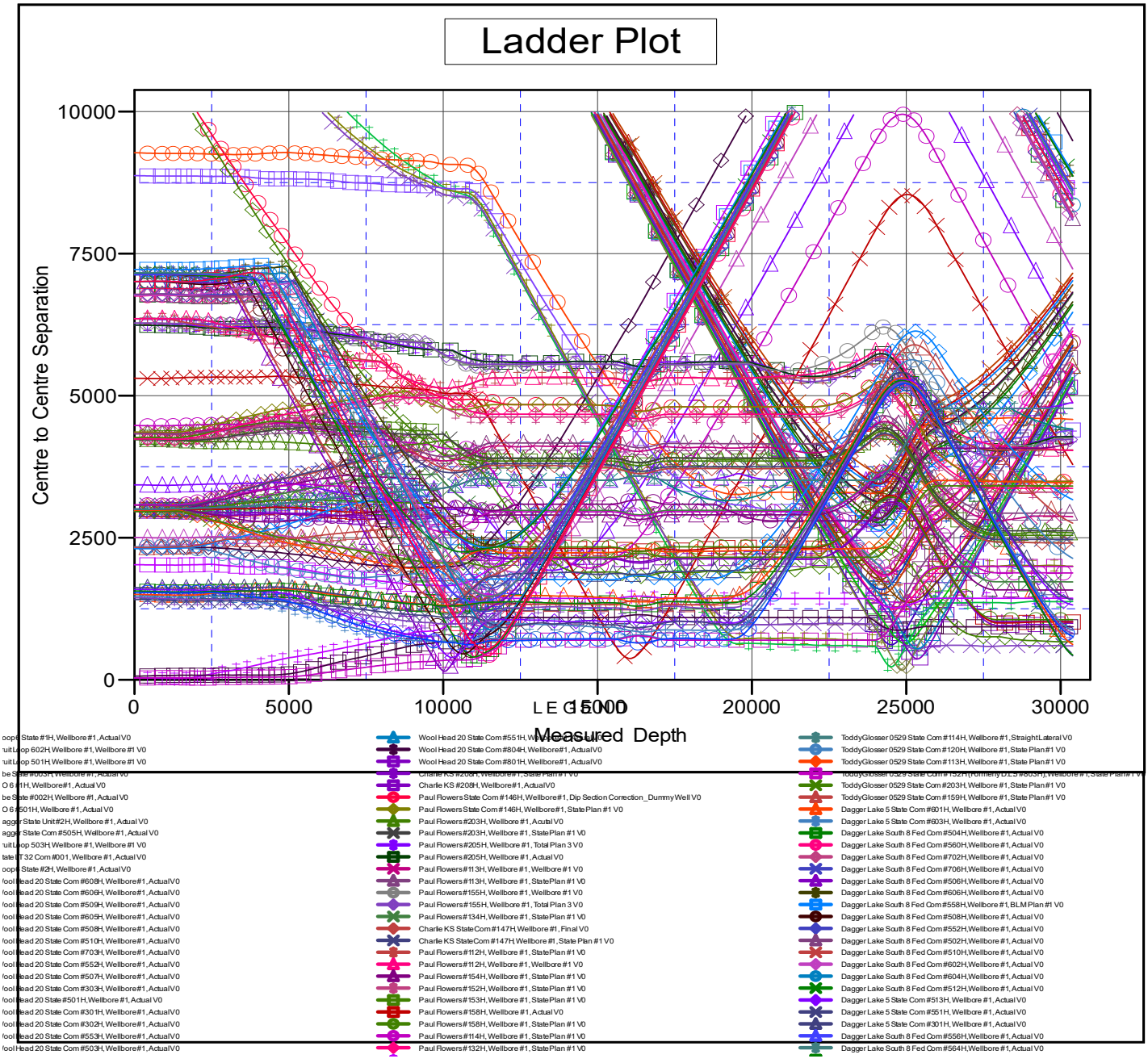
CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3683.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3683.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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 @ 3683.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Toddy Glosser 0529 State Com #150H (Formerly D.L.
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.40°



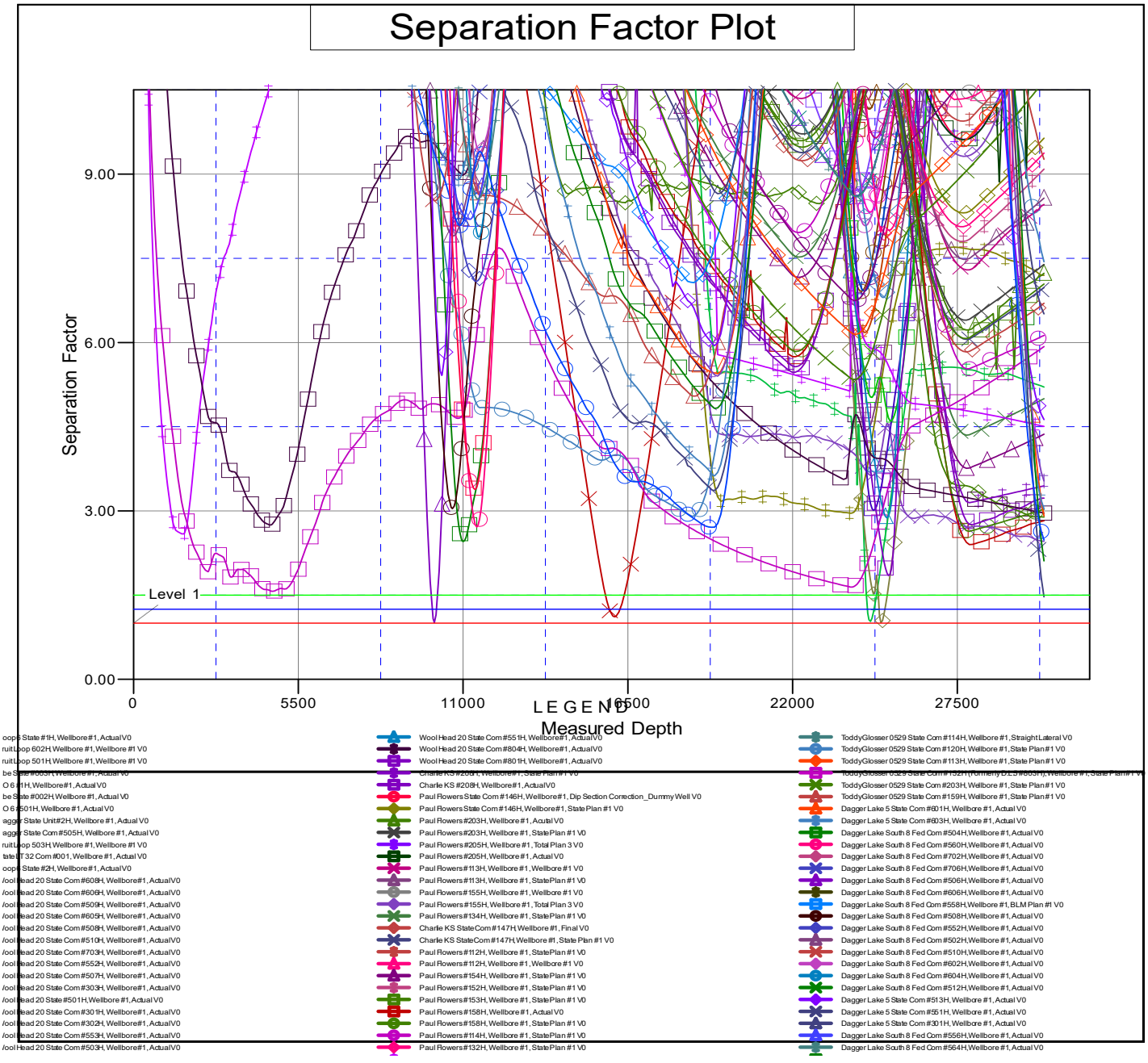
CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3683.5usft
Reference Site:	Toddy Glosser 0529	**MD Reference:**	KB @ 3683.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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 @ 3683.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Toddy Glosser 0529 State Com #150H (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 #150H (Formerly D.L.5 #605H)

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 #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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 #150H (Formerly D.L.5 #605H)					
Well Position	**+N/-S**	-1,115.8 usft	**Northing:**	516,861.70 usft	**Latitude:**	32° 25' 7.720 N
	+E/-W	-2,755.7 usft	**Easting:**	727,415.00 usft	**Longitude:**	103° 35' 46.908 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,655.0 usft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2015	12/31/2024	6.15	60.13	47,272.70373652

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	359.56	

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

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	30,393.6	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 #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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	
235.0	0.66	6.16	235.0	1.3	0.1	0.28	0.28	0.00	6.16	
330.0	0.57	349.03	330.0	2.4	0.1	0.21	-0.09	-18.03	-124.48	
424.0	0.57	320.81	424.0	3.2	-0.3	0.30	0.00	-30.02	-104.11	
519.0	0.53	296.82	519.0	3.7	-1.0	0.24	-0.04	-25.25	-111.71	
613.0	0.48	281.88	613.0	4.0	-1.7	0.15	-0.05	-15.89	-118.15	
708.0	0.40	260.52	708.0	4.0	-2.5	0.19	-0.08	-22.48	-126.42	
866.0	0.88	223.69	866.0	3.1	-3.8	0.39	0.30	-23.31	-60.01	
957.0	1.01	220.53	957.0	2.0	-4.8	0.15	0.14	-3.47	-23.43	
1,047.0	1.23	202.69	1,046.9	0.5	-5.7	0.46	0.24	-19.82	-66.88	
1,137.0	1.36	204.62	1,136.9	-1.4	-6.5	0.15	0.14	2.14	19.51	
1,250.0	1.36	214.03	1,249.9	-3.7	-7.9	0.20	0.00	8.33	94.70	
1,313.0	1.45	198.56	1,312.9	-5.1	-8.5	0.62	0.14	-24.56	-84.46	
1,407.0	1.41	163.05	1,406.8	-7.3	-8.6	0.93	-0.04	-37.78	-110.25	
1,497.0	1.36	156.90	1,496.8	-9.4	-7.8	0.17	-0.06	-6.83	-111.65	
1,587.0	1.10	147.14	1,586.8	-11.1	-6.9	0.37	-0.29	-10.84	-145.95	
1,677.0	1.19	170.70	1,676.8	-12.7	-6.3	0.53	0.10	26.18	91.10	
1,767.0	0.88	180.98	1,766.8	-14.3	-6.2	0.40	-0.34	11.42	154.15	
1,857.0	0.75	132.81	1,856.7	-15.4	-5.8	0.75	-0.14	-53.52	-124.20	
1,946.0	0.92	140.81	1,945.7	-16.4	-4.9	0.23	0.19	8.99	38.48	
2,036.0	0.88	137.56	2,035.7	-17.5	-4.0	0.07	-0.04	-3.61	-129.70	
2,126.0	1.14	123.94	2,125.7	-18.5	-2.7	0.39	0.29	-15.13	-49.66	
2,215.0	1.67	101.70	2,214.7	-19.2	-0.7	0.84	0.60	-24.99	-57.30	
2,305.0	1.63	90.98	2,304.6	-19.5	1.8	0.35	-0.04	-11.91	-102.72	
2,394.0	1.71	92.21	2,393.6	-19.6	4.4	0.10	0.09	1.38	24.75	
2,484.0	1.05	87.90	2,483.6	-19.6	6.6	0.74	-0.73	-4.79	-173.21	
2,574.0	1.19	237.58	2,573.6	-20.1	6.6	2.40	0.16	166.31	163.87	
2,663.0	0.79	222.46	2,662.6	-21.0	5.4	0.53	-0.45	-16.99	-154.26	
2,753.0	0.31	311.67	2,752.6	-21.3	4.8	0.94	-0.53	99.12	158.47	
2,842.0	0.62	41.67	2,841.6	-20.8	5.0	0.78	0.35	101.12	116.56	
2,932.0	1.10	71.20	2,931.5	-20.2	6.1	0.71	0.53	32.81	58.13	
3,021.0	1.54	46.95	3,020.5	-19.1	7.8	0.79	0.49	-27.25	-64.32	
3,111.0	2.37	56.70	3,110.5	-17.2	10.2	0.99	0.92	10.83	26.76	
3,200.0	1.89	88.25	3,199.4	-16.2	13.2	1.40	-0.54	35.45	127.51	
3,290.0	1.58	137.74	3,289.4	-17.0	15.5	1.64	-0.34	54.99	125.71	
3,379.0	1.54	134.57	3,378.3	-18.8	17.2	0.11	-0.04	-3.56	-116.45	
3,469.0	0.84	290.14	3,468.3	-19.4	17.5	2.59	-0.78	172.86	171.43	
3,559.0	0.53	239.69	3,558.3	-19.4	16.5	0.72	-0.34	-56.06	-140.88	
3,649.0	0.57	238.99	3,648.3	-19.8	15.7	0.05	0.04	-0.78	-9.89	
3,738.0	0.44	160.68	3,737.3	-20.4	15.5	0.73	-0.15	-87.99	-138.14	
3,827.0	0.57	208.75	3,826.3	-21.1	15.4	0.48	0.15	54.01	97.93	
3,917.0	0.79	174.65	3,916.3	-22.1	15.2	0.50	0.24	-37.89	-79.24	
4,007.0	1.10	150.83	4,006.3	-23.5	15.7	0.55	0.34	-26.47	-64.04	
4,096.0	1.05	139.32	4,095.3	-24.8	16.6	0.25	-0.06	-12.93	-108.75	
4,185.0	1.23	158.39	4,184.3	-26.3	17.5	0.47	0.20	21.43	74.36	
4,275.0	1.27	145.82	4,274.2	-28.1	18.4	0.31	0.04	-13.97	-88.02	
4,365.0	1.41	159.71	4,364.2	-29.9	19.4	0.39	0.16	15.43	73.73	

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

4,454.0	1.49	159.01	4,453.2	-32.0	20.2	0.09	0.09	-0.79	-12.83
4,543.0	1.23	152.77	4,542.2	-34.0	21.0	0.34	-0.29	-7.01	-153.43
4,633.0	1.36	224.75	4,632.2	-35.6	20.7	1.70	0.14	79.98	122.03
4,722.0	3.03	272.56	4,721.1	-36.2	17.6	2.63	1.88	53.72	73.25
4,776.0	3.03	269.13	4,775.0	-36.2	14.8	0.34	0.00	-6.35	-91.71
4,926.0	3.21	289.70	4,924.8	-34.8	6.9	0.75	0.12	13.71	91.23
5,016.0	5.32	315.89	5,014.6	-31.0	1.6	3.13	2.34	29.10	56.28
5,105.0	5.27	312.73	5,103.2	-25.3	-4.3	0.33	-0.06	-3.55	-101.30
5,195.0	5.23	314.57	5,192.8	-19.6	-10.2	0.19	-0.04	2.04	104.28
5,285.0	4.92	312.02	5,282.4	-14.1	-16.0	0.43	-0.34	-2.83	-145.22
5,375.0	4.53	313.34	5,372.1	-9.1	-21.5	0.45	-0.43	1.47	165.08
5,464.0	4.75	312.55	5,460.8	-4.2	-26.8	0.26	0.25	-0.89	-16.59
5,554.0	6.15	306.93	5,550.4	1.2	-33.4	1.66	1.56	-6.24	-23.68
5,643.0	6.99	308.77	5,638.8	7.5	-41.4	0.97	0.94	2.07	14.99
5,733.0	6.81	310.88	5,728.2	14.4	-49.7	0.35	-0.20	2.34	126.42
5,823.0	6.90	310.44	5,817.6	21.4	-57.8	0.12	0.10	-0.49	-30.48
5,913.0	6.77	308.16	5,906.9	28.2	-66.1	0.33	-0.14	-2.53	-116.73
6,003.0	6.73	306.93	5,996.3	34.6	-74.5	0.17	-0.04	-1.37	-106.08
6,092.0	6.68	305.43	6,084.7	40.8	-82.9	0.20	-0.06	-1.69	-106.68
6,182.0	6.55	308.51	6,174.1	47.0	-91.2	0.42	-0.14	3.42	111.65
6,272.0	6.64	307.72	6,263.5	53.4	-99.3	0.14	0.10	-0.88	-45.62
6,361.0	5.71	313.08	6,352.0	59.6	-106.6	1.23	-1.04	6.02	150.85
6,451.0	5.63	314.31	6,441.5	65.7	-113.1	0.16	-0.09	1.37	123.97
6,540.0	5.45	313.96	6,530.1	71.7	-119.2	0.21	-0.20	-0.39	-169.54
6,630.0	5.23	315.63	6,619.7	77.6	-125.2	0.30	-0.24	1.86	145.59
6,720.0	5.32	311.50	6,709.3	83.3	-131.2	0.43	0.10	-4.59	-78.73
6,810.0	5.14	312.55	6,799.0	88.8	-137.3	0.23	-0.20	1.17	152.52
6,899.0	5.23	311.41	6,887.6	94.2	-143.2	0.15	0.10	-1.28	-49.43
6,989.0	5.10	310.44	6,977.2	99.5	-149.4	0.17	-0.14	-1.08	-146.59
7,079.0	4.66	306.93	7,066.9	104.3	-155.3	0.59	-0.49	-3.90	-147.58
7,168.0	4.26	309.65	7,155.6	108.5	-160.8	0.51	-0.45	3.06	153.48
7,258.0	4.13	304.82	7,245.4	112.5	-166.0	0.42	-0.14	-5.37	-112.60
7,347.0	4.04	307.19	7,334.2	116.2	-171.1	0.21	-0.10	2.66	119.24
7,438.0	4.04	299.63	7,425.0	119.8	-176.5	0.58	0.00	-8.31	-93.77
7,527.0	3.96	297.17	7,513.7	122.7	-181.9	0.21	-0.09	-2.76	-116.22
7,617.0	5.10	310.00	7,603.5	126.7	-187.7	1.69	1.27	14.26	48.15
7,704.0	5.45	311.94	7,690.1	132.0	-193.8	0.45	0.40	2.23	27.97
7,796.0	4.97	312.11	7,781.7	137.5	-200.0	0.52	-0.52	0.18	178.24
7,886.0	4.92	313.78	7,871.4	142.8	-205.7	0.17	-0.06	1.86	109.98
8,065.0	4.44	307.72	8,049.8	152.4	-216.7	0.38	-0.27	-3.39	-137.14
8,155.0	4.53	309.83	8,139.5	156.8	-222.2	0.21	0.10	2.34	62.44
8,245.0	4.35	305.87	8,229.2	161.1	-227.7	0.39	-0.20	-4.40	-122.38
8,334.0	4.04	304.64	8,318.0	164.8	-233.0	0.36	-0.35	-1.38	-164.43
8,424.0	4.22	303.50	8,407.8	168.5	-238.4	0.22	0.20	-1.27	-25.09
8,514.0	4.09	304.82	8,497.5	172.1	-243.7	0.18	-0.14	1.47	144.32
8,603.0	4.31	300.77	8,586.3	175.6	-249.2	0.41	0.25	-4.55	-55.47
8,693.0	4.09	301.56	8,676.0	179.0	-254.9	0.25	-0.24	0.88	165.66
8,783.0	3.91	299.46	8,765.8	182.2	-260.3	0.26	-0.20	-2.33	-141.90
8,872.0	3.52	296.73	8,854.6	185.0	-265.4	0.48	-0.44	-3.07	-156.96
8,962.0	2.90	288.73	8,944.5	186.9	-270.0	0.85	-0.69	-8.89	-148.10
9,052.0	2.81	312.46	9,034.4	189.2	-273.8	1.31	-0.10	26.37	106.14
9,141.0	3.78	333.03	9,123.2	193.2	-276.7	1.70	1.09	23.11	61.21

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

9,231.0	2.99	334.61	9,213.1	198.0	-279.1	0.88	-0.88	1.76	174.05	
9,321.0	3.12	325.56	9,303.0	202.1	-281.4	0.55	0.14	-10.06	-79.46	
9,411.0	2.51	332.59	9,392.8	205.9	-283.7	0.78	-0.68	7.81	153.97	
9,501.0	1.98	319.23	9,482.8	208.8	-285.7	0.82	-0.59	-14.84	-141.91	
9,684.5	11.00	339.85	9,664.9	227.7	-293.8	5.00	4.92	11.24	24.93	
10,234.5	0.00	0.00	10,211.5	277.1	-311.9	2.00	-2.00	3.66	180.00	
10,730.7	0.00	0.00	10,707.8	277.1	-311.9	0.00	0.00	0.00	0.00	
10,970.5	24.00	5.00	10,940.6	326.4	-307.6	10.01	10.01	0.00	5.00	
11,631.3	90.00	0.50	11,281.0	850.1	-291.1	10.00	9.99	-0.68	-4.92	
11,677.3	90.00	359.58	11,281.0	896.1	-291.1	2.00	0.00	-2.00	-90.00	
15,400.0	90.00	359.58	11,281.0	4,618.7	-318.4	0.00	0.00	0.00	0.00	
15,879.0	90.00	350.00	11,281.0	5,095.1	-361.8	2.00	0.00	-2.00	-90.00	
16,839.0	90.00	9.20	11,281.0	6,050.6	-368.5	2.00	0.00	2.00	90.00	
17,320.0	90.00	359.58	11,281.0	6,529.6	-331.7	2.00	0.00	-2.00	-90.00	
23,927.2	90.00	359.58	11,281.0	13,136.7	-380.2	0.00	0.00	0.00	0.00	DP1 - Toddy Glosser
24,945.1	90.00	270.00	11,281.0	13,783.0	-1,031.2	8.80	0.00	-8.80	-90.00	
25,982.6	90.00	181.19	11,281.0	13,127.5	-1,700.4	8.56	0.00	-8.56	-90.00	
26,063.1	90.00	179.58	11,281.0	13,047.0	-1,701.0	2.00	0.00	-2.00	-90.00	
30,393.6	90.00	179.58	11,281.0	8,716.7	-1,669.2	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 #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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	0.28	6.16	100.0	0.2	0.0	0.2	0.28	0.28	0.00
200.0	0.56	6.16	200.0	1.0	0.1	1.0	0.28	0.28	0.00
235.0	0.66	6.16	235.0	1.3	0.1	1.3	0.28	0.28	0.00
Start DLS 0.21 TFO -124.48									
300.0	0.59	354.98	300.0	2.1	0.2	2.1	0.21	-0.10	-17.20
330.0	0.57	349.03	330.0	2.4	0.1	2.4	0.21	-0.07	-19.83
Start Turn -30.02									
400.0	0.56	327.91	400.0	3.0	-0.1	3.0	0.30	-0.02	-30.18
424.0	0.57	320.81	424.0	3.2	-0.3	3.2	0.30	0.05	-29.57
Start DLS 0.24 TFO -111.71									
500.0	0.53	301.84	500.0	3.7	-0.8	3.7	0.24	-0.05	-24.97
519.0	0.53	296.82	519.0	3.7	-1.0	3.7	0.24	0.00	-26.40
Start DLS 0.15 TFO -118.15									
600.0	0.48	284.11	600.0	4.0	-1.6	4.0	0.15	-0.06	-15.69
613.0	0.48	281.88	613.0	4.0	-1.7	4.0	0.15	-0.04	-17.18
Start DLS 0.19 TFO -126.42									
700.0	0.40	262.61	700.0	4.1	-2.4	4.1	0.19	-0.09	-22.15
708.0	0.40	260.52	708.0	4.0	-2.5	4.1	0.19	-0.05	-26.09
Start DLS 0.39 TFO -60.01									
800.0	0.65	232.50	800.0	3.7	-3.2	3.7	0.39	0.28	-30.45
866.0	0.88	223.69	866.0	3.1	-3.8	3.1	0.39	0.34	-13.35
Start DLS 0.15 TFO -23.43									
900.0	0.93	222.41	900.0	2.7	-4.2	2.7	0.15	0.14	-3.78
957.0	1.01	220.53	957.0	2.0	-4.8	2.0	0.15	0.14	-3.29
Start DLS 0.46 TFO -66.88									
1,000.0	1.10	211.12	999.9	1.3	-5.3	1.4	0.46	0.21	-21.87
1,047.0	1.23	202.69	1,046.9	0.5	-5.7	0.5	0.46	0.27	-17.95
Start DLS 0.15 TFO 19.51									
1,100.0	1.31	203.87	1,099.9	-0.6	-6.2	-0.6	0.15	0.14	2.23
1,137.0	1.36	204.62	1,136.9	-1.4	-6.5	-1.3	0.15	0.14	2.02
Start DLS 0.20 TFO 94.70									
1,200.0	1.36	209.87	1,199.9	-2.7	-7.2	-2.7	0.20	-0.01	8.33
1,250.0	1.36	214.03	1,249.9	-3.7	-7.9	-3.7	0.20	0.01	8.33
Start DLS 0.62 TFO -84.46									
1,300.0	1.42	201.57	1,299.9	-4.8	-8.4	-4.7	0.62	0.13	-24.91
1,313.0	1.45	198.56	1,312.9	-5.1	-8.5	-5.0	0.62	0.21	-23.19
Start DLS 0.93 TFO -110.25									
1,400.0	1.39	165.63	1,399.8	-7.2	-8.6	-7.1	0.93	-0.06	-37.85
1,407.0	1.41	163.05	1,406.8	-7.3	-8.6	-7.3	0.93	0.22	-36.83
Start DLS 0.17 TFO -111.65									
1,429.2	1.40	161.58	1,429.0	-7.9	-8.4	-7.8	0.17	-0.06	-6.64
Z (Rustler)									
1,497.0	1.36	156.90	1,496.8	-9.4	-7.8	-9.3	0.17	-0.05	-6.90
Start DLS 0.37 TFO -145.95									
1,500.0	1.35	156.64	1,499.8	-9.4	-7.8	-9.4	0.37	-0.31	-8.79
1,587.0	1.10	147.14	1,586.8	-11.1	-6.9	-11.0	0.37	-0.29	-10.92
Start DLS 0.53 TFO 91.10									
1,600.0	1.10	150.72	1,599.8	-11.3	-6.8	-11.2	0.53	0.01	27.53
1,677.0	1.19	170.70	1,676.8	-12.7	-6.3	-12.7	0.53	0.12	25.95

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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 0.40 TFO 154.15									
1,700.0	1.11	172.78	1,699.8	-13.2	-6.2	-13.1	0.40	-0.36	9.03
1,767.0	0.88	180.98	1,766.8	-14.3	-6.2	-14.3	0.40	-0.34	12.24
Start DLS 0.75 TFO -124.20									
1,800.0	0.77	165.52	1,799.8	-14.8	-6.1	-14.8	0.75	-0.34	-46.86
1,857.0	0.75	132.81	1,856.7	-15.4	-5.8	-15.4	0.75	-0.03	-57.38
Start DLS 0.23 TFO 38.48									
1,881.3	0.79	135.33	1,881.0	-15.7	-5.5	-15.6	0.23	0.18	10.38
Z (Salado)									
1,900.0	0.83	137.08	1,899.7	-15.9	-5.3	-15.8	0.23	0.19	9.37
1,946.0	0.92	140.81	1,945.7	-16.4	-4.9	-16.3	0.23	0.20	8.10
Start DLS 0.07 TFO -129.70									
2,000.0	0.90	138.89	1,999.7	-17.0	-4.3	-17.0	0.07	-0.05	-3.55
2,036.0	0.88	137.56	2,035.7	-17.5	-4.0	-17.4	0.07	-0.04	-3.71
Start DLS 0.39 TFO -49.66									
2,100.0	1.06	127.18	2,099.7	-18.2	-3.2	-18.2	0.39	0.28	-16.22
2,126.0	1.14	123.94	2,125.7	-18.5	-2.7	-18.4	0.39	0.31	-12.46
Start DLS 0.84 TFO -57.30									
2,200.0	1.57	104.36	2,199.7	-19.1	-1.2	-19.1	0.84	0.58	-26.46
2,215.0	1.67	101.70	2,214.7	-19.2	-0.7	-19.2	0.84	0.68	-17.72
Start DLS 0.35 TFO -102.72									
2,300.0	1.63	91.59	2,299.7	-19.5	1.7	-19.5	0.35	-0.05	-11.90
2,305.0	1.63	90.98	2,304.6	-19.5	1.8	-19.5	0.35	-0.01	-12.13
Start DLS 0.10 TFO 24.75									
2,394.0	1.71	92.21	2,393.6	-19.6	4.4	-19.6	0.10	0.09	1.38
Start DLS 0.74 TFO -173.21									
2,400.0	1.67	92.03	2,399.6	-19.6	4.6	-19.6	0.74	-0.74	-3.02
2,484.0	1.05	87.90	2,483.6	-19.6	6.6	-19.7	0.74	-0.73	-4.92
Start DLS 2.40 TFO 163.87									
2,500.0	0.69	96.82	2,499.6	-19.6	6.8	-19.7	2.40	-2.26	55.74
2,574.0	1.19	237.58	2,573.6	-20.1	6.6	-20.1	2.40	0.68	190.22
Start DLS 0.53 TFO -154.26									
2,600.0	1.07	234.35	2,599.6	-20.4	6.2	-20.4	0.53	-0.47	-12.44
2,663.0	0.79	222.46	2,662.6	-21.0	5.4	-21.1	0.53	-0.44	-18.87
Start DLS 0.94 TFO 158.47									
2,700.0	0.48	237.72	2,699.6	-21.3	5.1	-21.3	0.94	-0.83	41.25
2,753.0	0.31	311.67	2,752.6	-21.3	4.8	-21.4	0.94	-0.33	139.52
Start DLS 0.78 TFO 116.56									
2,800.0	0.36	17.59	2,799.6	-21.1	4.8	-21.1	0.78	0.10	140.26
2,842.0	0.62	41.67	2,841.6	-20.8	5.0	-20.8	0.78	0.62	57.32
Start DLS 0.71 TFO 58.13									
2,900.0	0.91	64.32	2,899.6	-20.4	5.6	-20.4	0.71	0.50	39.05
2,932.0	1.10	71.20	2,931.5	-20.2	6.1	-20.2	0.71	0.60	21.50
Start DLS 0.79 TFO -64.32									
3,000.0	1.42	51.26	2,999.5	-19.4	7.4	-19.5	0.79	0.47	-29.32
3,021.0	1.54	46.95	3,020.5	-19.1	7.8	-19.1	0.79	0.58	-20.54
Start DLS 0.99 TFO 26.76									
3,100.0	2.27	55.89	3,099.5	-17.5	9.9	-17.5	0.99	0.92	11.32
3,111.0	2.37	56.70	3,110.5	-17.2	10.2	-17.3	0.99	0.94	7.33
Start DLS 1.40 TFO 127.51									

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
3,200.0	1.89	88.25	3,199.4	-16.2	13.2	-16.3	1.40	-0.54	35.45
Start DLS 1.64 TFO 125.71									
3,290.0	1.58	137.74	3,289.4	-17.0	15.5	-17.2	1.64	-0.34	54.99
Start DLS 0.11 TFO -116.45									
3,300.0	1.58	137.39	3,299.4	-17.2	15.7	-17.4	0.11	-0.05	-3.48
3,379.0	1.54	134.57	3,378.3	-18.8	17.2	-18.9	0.11	-0.04	-3.57
Start DLS 2.59 TFO 171.43									
3,400.0	1.01	139.20	3,399.3	-19.1	17.5	-19.3	2.59	-2.55	22.03
3,469.0	0.84	290.14	3,468.3	-19.4	17.5	-19.5	2.59	-0.24	218.76
Start DLS 0.72 TFO -140.88									
3,500.0	0.68	278.22	3,499.3	-19.3	17.1	-19.4	0.72	-0.51	-38.45
3,559.0	0.53	239.69	3,558.3	-19.4	16.5	-19.5	0.72	-0.26	-65.31
Start DLS 0.05 TFO -9.89									
3,600.0	0.55	239.36	3,599.3	-19.6	16.2	-19.7	0.05	0.04	-0.81
3,649.0	0.57	238.99	3,648.3	-19.8	15.7	-20.0	0.05	0.04	-0.75
Start DLS 0.73 TFO -138.14									
3,700.0	0.38	199.01	3,699.3	-20.1	15.5	-20.2	0.73	-0.36	-78.39
3,738.0	0.44	160.68	3,737.3	-20.4	15.5	-20.5	0.73	0.15	-100.87
Start DLS 0.48 TFO 97.93									
3,800.0	0.50	197.21	3,799.3	-20.9	15.5	-21.0	0.48	0.09	58.92
3,827.0	0.57	208.75	3,826.3	-21.1	15.4	-21.2	0.48	0.27	42.75
Start DLS 0.50 TFO -79.24									
3,900.0	0.73	179.38	3,899.3	-21.9	15.2	-22.0	0.50	0.22	-40.24
3,917.0	0.79	174.65	3,916.3	-22.1	15.2	-22.2	0.50	0.34	-27.81
Start DLS 0.55 TFO -64.04									
4,000.0	1.07	152.16	3,999.3	-23.4	15.6	-23.5	0.55	0.34	-27.10
4,007.0	1.10	150.83	4,006.3	-23.5	15.7	-23.6	0.55	0.42	-18.97
Start DLS 0.25 TFO -108.75									
4,096.0	1.05	139.32	4,095.3	-24.8	16.6	-25.0	0.25	-0.06	-12.93
Start DLS 0.47 TFO 74.36									
4,100.0	1.06	140.30	4,099.3	-24.9	16.7	-25.0	0.47	0.13	24.52
4,185.0	1.23	158.39	4,184.3	-26.3	17.5	-26.5	0.47	0.21	21.28
Start DLS 0.31 TFO -88.02									
4,200.0	1.23	156.25	4,199.3	-26.6	17.7	-26.8	0.31	0.02	-14.28
4,275.0	1.27	145.82	4,274.2	-28.1	18.4	-28.2	0.31	0.05	-13.90
Start DLS 0.39 TFO 73.73									
4,300.0	1.30	149.96	4,299.2	-28.5	18.7	-28.7	0.39	0.12	16.58
4,365.0	1.41	159.71	4,364.2	-29.9	19.4	-30.1	0.39	0.17	14.99
Start DLS 0.09 TFO -12.83									
4,400.0	1.44	159.43	4,399.2	-30.7	19.7	-30.9	0.09	0.09	-0.81
4,454.0	1.49	159.01	4,453.2	-32.0	20.2	-32.2	0.09	0.09	-0.77
Start DLS 0.34 TFO -153.43									
4,500.0	1.35	156.08	4,499.2	-33.1	20.6	-33.3	0.34	-0.30	-6.36
4,543.0	1.23	152.77	4,542.2	-34.0	21.0	-34.1	0.34	-0.29	-7.71
Start DLS 1.70 TFO 122.03									
4,600.0	1.09	201.55	4,599.2	-35.0	21.1	-35.2	1.70	-0.25	85.58
4,633.0	1.36	224.75	4,632.2	-35.6	20.7	-35.7	1.70	0.82	70.29
Start DLS 2.63 TFO 73.25									
4,697.9	2.47	266.21	4,697.0	-36.2	18.8	-36.4	2.63	1.71	63.91
Z (G30:CS14-CSB)									

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
4,700.0	2.52	266.88	4,699.1	-36.2	18.7	-36.4	2.63	2.25	31.58
4,722.0	3.03	272.56	4,721.1	-36.2	17.6	-36.4	2.63	2.32	25.81
Start DLS 0.34 TFO -91.71									
4,776.0	3.03	269.13	4,775.0	-36.2	14.8	-36.3	0.34	0.00	-6.35
Start DLS 0.75 TFO 91.23									
4,800.0	3.03	272.54	4,799.0	-36.2	13.5	-36.3	0.75	0.01	14.22
4,900.0	3.15	286.34	4,898.8	-35.3	8.2	-35.3	0.75	0.12	13.80
4,926.0	3.21	289.70	4,924.8	-34.8	6.9	-34.9	0.75	0.23	12.91
Start DLS 3.13 TFO 56.28									
5,000.0	4.89	312.94	4,998.6	-32.0	2.6	-32.0	3.13	2.27	31.40
5,001.4	4.93	313.21	5,000.0	-31.9	2.5	-31.9	3.13	2.63	19.91
Z (G26: Bell Cyn.)									
5,016.0	5.32	315.89	5,014.6	-31.0	1.6	-31.0	3.13	2.67	18.32
Start DLS 0.33 TFO -101.30									
5,100.0	5.27	312.91	5,098.2	-25.6	-4.0	-25.5	0.33	-0.06	-3.55
5,105.0	5.27	312.73	5,103.2	-25.3	-4.3	-25.2	0.33	-0.05	-3.58
Start DLS 0.19 TFO 104.28									
5,195.0	5.23	314.57	5,192.8	-19.6	-10.2	-19.5	0.19	-0.04	2.04
Start DLS 0.43 TFO -145.22									
5,200.0	5.21	314.44	5,197.8	-19.2	-10.6	-19.2	0.43	-0.35	-2.67
5,285.0	4.92	312.02	5,282.4	-14.1	-16.0	-14.0	0.43	-0.34	-2.84
Start DLS 0.45 TFO 165.08									
5,300.0	4.85	312.23	5,297.4	-13.2	-17.0	-13.1	0.45	-0.43	1.37
5,375.0	4.53	313.34	5,372.1	-9.1	-21.5	-8.9	0.45	-0.43	1.49
Start DLS 0.26 TFO -16.59									
5,400.0	4.59	313.11	5,397.1	-7.7	-22.9	-7.5	0.26	0.25	-0.92
5,464.0	4.75	312.55	5,460.8	-4.2	-26.8	-4.0	0.26	0.25	-0.88
Start DLS 1.66 TFO -23.68									
5,500.0	5.30	309.95	5,496.7	-2.1	-29.1	-1.9	1.66	1.54	-7.23
5,554.0	6.15	306.93	5,550.4	1.2	-33.4	1.5	1.66	1.57	-5.59
Start DLS 0.97 TFO 14.99									
5,600.0	6.58	307.94	5,596.2	4.3	-37.4	4.6	0.97	0.94	2.19
5,643.0	6.99	308.77	5,638.8	7.5	-41.4	7.8	0.97	0.95	1.93
Start DLS 0.35 TFO 126.42									
5,700.0	6.87	310.09	5,695.4	11.9	-46.7	12.2	0.35	-0.20	2.32
5,733.0	6.81	310.88	5,728.2	14.4	-49.7	14.8	0.35	-0.20	2.38
Start DLS 0.12 TFO -30.48									
5,800.0	6.88	310.55	5,794.7	19.6	-55.7	20.0	0.12	0.10	-0.49
5,823.0	6.90	310.44	5,817.6	21.4	-57.8	21.9	0.12	0.10	-0.48
Start DLS 0.33 TFO -116.73									
5,900.0	6.79	308.49	5,894.0	27.2	-64.9	27.7	0.33	-0.15	-2.53
5,913.0	6.77	308.16	5,906.9	28.2	-66.1	28.7	0.33	-0.14	-2.57
Start DLS 0.17 TFO -106.08									
6,000.0	6.73	306.97	5,993.3	34.4	-74.2	35.0	0.17	-0.04	-1.37
6,003.0	6.73	306.93	5,996.3	34.6	-74.5	35.2	0.17	-0.04	-1.37
Start DLS 0.20 TFO -106.68									
6,092.0	6.68	305.43	6,084.7	40.8	-82.9	41.4	0.20	-0.06	-1.69
Start DLS 0.42 TFO 111.65									
6,100.0	6.67	305.70	6,092.6	41.3	-83.7	42.0	0.42	-0.15	3.36
6,130.6	6.62	306.74	6,123.0	43.4	-86.5	44.1	0.42	-0.15	3.39

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
Z (G13: Cherry Cyn.)									
6,182.0	6.55	308.51	6,174.1	47.0	-91.2	47.7	0.42	-0.14	3.45
Start DLS 0.14 TFO -45.62									
6,200.0	6.57	308.35	6,192.0	48.3	-92.8	49.0	0.14	0.10	-0.89
6,272.0	6.64	307.72	6,263.5	53.4	-99.3	54.1	0.14	0.10	-0.88
Start DLS 1.23 TFO 150.85									
6,300.0	6.34	309.24	6,291.3	55.4	-101.8	56.1	1.23	-1.06	5.42
6,361.0	5.71	313.08	6,352.0	59.6	-106.6	60.4	1.23	-1.04	6.30
Start DLS 0.16 TFO 123.97									
6,400.0	5.68	313.61	6,390.8	62.2	-109.4	63.1	0.16	-0.09	1.36
6,451.0	5.63	314.31	6,441.5	65.7	-113.1	66.6	0.16	-0.09	1.37
Start DLS 0.21 TFO -169.54									
6,500.0	5.53	314.12	6,490.3	69.0	-116.5	69.9	0.21	-0.20	-0.39
6,540.0	5.45	313.96	6,530.1	71.7	-119.2	72.6	0.21	-0.20	-0.40
Start DLS 0.30 TFO 145.59									
6,600.0	5.30	315.06	6,589.9	75.6	-123.2	76.6	0.30	-0.25	1.83
6,630.0	5.23	315.63	6,619.7	77.6	-125.2	78.5	0.30	-0.24	1.91
Start DLS 0.43 TFO -78.73									
6,700.0	5.30	312.41	6,689.4	82.0	-129.8	83.0	0.43	0.10	-4.61
6,720.0	5.32	311.50	6,709.3	83.3	-131.2	84.3	0.43	0.11	-4.53
Start DLS 0.23 TFO 152.52									
6,800.0	5.16	312.43	6,789.0	88.2	-136.6	89.2	0.23	-0.20	1.16
6,810.0	5.14	312.55	6,799.0	88.8	-137.3	89.8	0.23	-0.20	1.20
Start DLS 0.15 TFO -49.43									
6,899.0	5.23	311.41	6,887.6	94.2	-143.2	95.2	0.15	0.10	-1.28
Start DLS 0.17 TFO -146.59									
6,900.0	5.23	311.40	6,888.6	94.2	-143.3	95.3	0.17	-0.15	-1.05
6,989.0	5.10	310.44	6,977.2	99.5	-149.4	100.6	0.17	-0.14	-1.08
Start DLS 0.59 TFO -147.58									
7,000.0	5.05	310.04	6,988.2	100.1	-150.1	101.2	0.59	-0.50	-3.60
7,079.0	4.66	306.93	7,066.9	104.3	-155.3	105.4	0.59	-0.49	-3.94
Start DLS 0.51 TFO 153.48									
7,098.1	4.57	307.48	7,086.0	105.2	-156.5	106.4	0.51	-0.45	2.85
Z (G7: Brushy Cyn.) Antelope Ridge									
7,100.0	4.56	307.53	7,087.8	105.3	-156.7	106.5	0.51	-0.45	2.91
7,168.0	4.26	309.65	7,155.6	108.5	-160.8	109.8	0.51	-0.45	3.12
Start DLS 0.42 TFO -112.60									
7,200.0	4.21	307.97	7,187.6	110.0	-162.6	111.3	0.42	-0.16	-5.26
7,258.0	4.13	304.82	7,245.4	112.5	-166.0	113.8	0.42	-0.14	-5.43
Start DLS 0.21 TFO 119.24									
7,300.0	4.09	305.93	7,287.3	114.3	-168.4	115.5	0.21	-0.10	2.63
7,347.0	4.04	307.19	7,334.2	116.2	-171.1	117.6	0.21	-0.10	2.69
Start DLS 0.58 TFO -93.77									
7,400.0	4.03	302.79	7,387.0	118.4	-174.2	119.7	0.58	-0.02	-8.31
7,438.0	4.04	299.63	7,425.0	119.8	-176.5	121.1	0.58	0.02	-8.31
Start DLS 0.21 TFO -116.22									
7,500.0	3.98	297.93	7,486.8	121.9	-180.3	123.2	0.21	-0.09	-2.75
7,527.0	3.96	297.17	7,513.7	122.7	-181.9	124.1	0.21	-0.09	-2.80
Start DLS 1.69 TFO 48.15									
7,600.0	4.87	308.04	7,586.5	125.8	-186.6	127.2	1.69	1.25	14.90

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
7,617.0	5.10	310.00	7,603.5	126.7	-187.7	128.1	1.69	1.36	11.51
Start DLS 0.45 TFO 27.97									
7,700.0	5.43	311.86	7,686.1	131.7	-193.5	133.2	0.45	0.40	2.24
7,704.0	5.45	311.94	7,690.1	132.0	-193.8	133.4	0.45	0.41	2.09
Start DLS 0.52 TFO 178.24									
7,796.0	4.97	312.11	7,781.7	137.5	-200.0	139.1	0.52	-0.52	0.18
Start DLS 0.17 TFO 109.98									
7,800.0	4.97	312.18	7,785.7	137.8	-200.2	139.3	0.17	-0.06	1.84
7,886.0	4.92	313.78	7,871.4	142.8	-205.7	144.4	0.17	-0.06	1.86
Start DLS 0.38 TFO -137.14									
7,900.0	4.88	313.35	7,885.3	143.7	-206.5	145.2	0.38	-0.28	-3.07
8,000.0	4.61	310.07	7,985.0	149.2	-212.7	150.8	0.38	-0.27	-3.28
8,065.0	4.44	307.72	8,049.8	152.4	-216.7	154.0	0.38	-0.26	-3.61
Start DLS 0.21 TFO 62.44									
8,100.0	4.47	308.55	8,084.7	154.1	-218.8	155.7	0.21	0.10	2.37
8,155.0	4.53	309.83	8,139.5	156.8	-222.2	158.5	0.21	0.10	2.33
Start DLS 0.39 TFO -122.38									
8,200.0	4.44	307.89	8,184.4	159.0	-224.9	160.7	0.39	-0.21	-4.31
8,245.0	4.35	305.87	8,229.2	161.1	-227.7	162.8	0.39	-0.19	-4.49
Start DLS 0.36 TFO -164.43									
8,300.0	4.16	305.13	8,284.1	163.4	-231.0	165.2	0.36	-0.35	-1.34
8,334.0	4.04	304.64	8,318.0	164.8	-233.0	166.6	0.36	-0.35	-1.45
Start DLS 0.22 TFO -25.09									
8,400.0	4.17	303.79	8,383.8	167.5	-236.9	169.3	0.22	0.20	-1.28
8,424.0	4.22	303.50	8,407.8	168.5	-238.4	170.3	0.22	0.20	-1.23
Start DLS 0.18 TFO 144.32									
8,500.0	4.11	304.61	8,483.6	171.5	-242.9	173.4	0.18	-0.14	1.46
8,510.5	4.10	304.77	8,494.0	172.0	-243.5	173.8	0.18	-0.14	1.51
G5: L. Brushy Cyn.									
8,514.0	4.09	304.82	8,497.5	172.1	-243.7	174.0	0.18	-0.14	1.50
Start DLS 0.41 TFO -55.47									
8,600.0	4.30	300.90	8,583.3	175.5	-249.0	177.4	0.41	0.25	-4.56
8,603.0	4.31	300.77	8,586.3	175.6	-249.2	177.5	0.41	0.26	-4.32
Start DLS 0.25 TFO 165.66									
8,693.0	4.09	301.56	8,676.0	179.0	-254.9	181.0	0.25	-0.24	0.88
Start DLS 0.26 TFO -141.90									
8,700.0	4.08	301.40	8,683.0	179.3	-255.3	181.3	0.26	-0.20	-2.24
8,783.0	3.91	299.46	8,765.8	182.2	-260.3	184.2	0.26	-0.20	-2.34
Start DLS 0.48 TFO -156.96									
8,800.0	3.83	298.98	8,782.8	182.8	-261.3	184.8	0.48	-0.44	-2.81
8,807.2	3.80	298.77	8,790.0	183.0	-261.7	185.0	0.48	-0.44	-2.89
Z (G4: BSGL (CS9))									
8,872.0	3.52	296.73	8,854.6	185.0	-265.4	187.0	0.48	-0.44	-3.15
Start DLS 0.85 TFO -148.10									
8,900.0	3.32	294.56	8,882.6	185.7	-266.9	187.7	0.85	-0.71	-7.74
8,962.0	2.90	288.73	8,944.5	186.9	-270.0	189.0	0.85	-0.68	-9.41
Start DLS 1.31 TFO 106.14									
9,000.0	2.80	298.54	8,982.4	187.7	-271.7	189.8	1.31	-0.26	25.81
9,052.0	2.81	312.46	9,034.4	189.2	-273.8	191.2	1.31	0.01	26.77
Start DLS 1.70 TFO 61.21									

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
9,100.0	3.28	325.06	9,082.3	191.1	-275.4	193.2	1.70	0.98	26.26
9,141.0	3.78	333.03	9,123.2	193.2	-276.7	195.4	1.70	1.21	19.43
Start DLS 0.88 TFO 174.05									
9,200.0	3.26	333.98	9,182.1	196.5	-278.3	198.6	0.88	-0.88	1.61
9,231.0	2.99	334.61	9,213.1	198.0	-279.1	200.1	0.88	-0.88	2.03
Start DLS 0.55 TFO -79.46									
9,300.0	3.08	327.60	9,282.0	201.2	-280.8	203.3	0.55	0.13	-10.16
9,321.0	3.12	325.56	9,303.0	202.1	-281.4	204.3	0.55	0.18	-9.71
Start DLS 0.78 TFO 153.97									
9,400.0	2.58	331.55	9,381.9	205.5	-283.5	207.7	0.78	-0.68	7.59
9,411.0	2.51	332.59	9,392.8	205.9	-283.7	208.1	0.78	-0.66	9.41
Start DLS 0.82 TFO -141.91									
9,415.2	2.48	332.10	9,397.0	206.1	-283.8	208.2	0.82	-0.65	-11.73
L8.2: U. Avalon Shale									
9,500.0	1.99	319.42	9,481.8	208.8	-285.6	211.0	0.82	-0.59	-14.95
9,501.0	1.98	319.23	9,482.8	208.8	-285.7	211.0	0.82	-0.51	-18.60
Start DLS 5.00 TFO 24.93									
9,597.5	6.67	337.00	9,579.0	215.3	-288.9	217.5	5.00	4.86	18.41
L6.3: Avalon Carb									
9,600.0	6.80	337.13	9,581.5	215.5	-289.1	217.8	5.00	4.96	5.29
9,684.5	11.00	339.85	9,664.9	227.7	-293.8	230.0	5.00	4.98	3.22
Start DLS 2.00 TFO 180.00									
9,700.0	10.69	339.85	9,680.1	230.5	-294.8	232.7	2.00	-2.00	0.00
9,780.0	9.09	339.85	9,759.0	243.4	-299.5	245.7	2.00	-2.00	0.00
Z (L5.3: FBSC)									
9,800.0	8.69	339.85	9,778.7	246.3	-300.6	248.6	2.00	-2.00	0.00
9,900.0	6.69	339.85	9,877.8	258.8	-305.2	261.2	2.00	-2.00	0.00
10,000.0	4.69	339.85	9,977.3	268.1	-308.6	270.5	2.00	-2.00	0.00
10,011.7	4.45	339.85	9,989.0	269.0	-308.9	271.4	2.00	-2.00	0.00
Z (L5.1: FBSG)									
10,100.0	2.69	339.85	10,077.1	274.2	-310.8	276.5	2.00	-2.00	0.00
10,200.0	0.69	339.85	10,177.1	276.9	-311.8	279.3	2.00	-2.00	0.00
10,234.5	0.00	0.00	10,211.5	277.1	-311.9	279.5	2.00	-2.00	58.47
Start 496.2 hold at 10234.5 MD									
10,282.9	0.00	0.00	10,260.0	277.1	-311.9	279.5	0.00	0.00	0.00
Z (L4.3: SBSC)									
10,300.0	0.00	0.00	10,277.1	277.1	-311.9	279.5	0.00	0.00	0.00
10,400.0	0.00	0.00	10,377.1	277.1	-311.9	279.5	0.00	0.00	0.00
10,500.0	0.00	0.00	10,477.1	277.1	-311.9	279.5	0.00	0.00	0.00
10,600.0	0.00	0.00	10,577.1	277.1	-311.9	279.5	0.00	0.00	0.00
10,643.9	0.00	0.00	10,621.0	277.1	-311.9	279.5	0.00	0.00	0.00
Z (L4.1: SBSG)									
10,700.0	0.00	0.00	10,677.1	277.1	-311.9	279.5	0.00	0.00	0.00
10,730.7	0.00	0.00	10,707.8	277.1	-311.9	279.5	0.00	0.00	0.00
Start DLS 10.01 TFO 5.00									
10,759.3	2.86	5.00	10,736.3	277.8	-311.8	280.2	10.01	10.01	17.50
KOP - Toddy Glosser 0529 State Com #150H									
10,800.0	6.94	5.00	10,776.9	281.3	-311.5	283.7	10.01	10.01	0.00
10,900.0	16.94	5.00	10,874.6	301.9	-309.7	304.3	10.01	10.01	0.00
10,970.5	24.00	5.00	10,940.6	326.4	-307.6	328.8	10.01	10.01	0.00
Start DLS 10.00 TFO -4.92									

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
11,000.0	26.94	4.44	10,967.2	339.1	-306.6	341.4	10.00	9.97	-1.89
11,100.0	36.92	3.16	11,052.0	391.8	-303.1	394.1	10.00	9.98	-1.28
11,200.0	46.90	2.37	11,126.3	458.4	-300.0	460.7	10.00	9.99	-0.79
11,300.0	56.89	1.81	11,187.9	537.0	-297.1	539.2	10.00	9.99	-0.57
11,340.8	60.97	1.61	11,209.0	571.9	-296.1	574.1	10.00	9.99	-0.48
Z (L3.3: TBSC)									
11,400.0	66.89	1.35	11,235.0	625.0	-294.7	627.3	10.00	9.99	-0.43
11,500.0	76.88	0.97	11,266.1	719.9	-292.8	722.1	10.00	9.99	-0.39
11,580.2	84.89	0.68	11,278.7	799.0	-291.7	801.2	10.00	9.99	-0.36
FPP - Toddy Glosser 0529 State Com #150H									
11,600.0	86.87	0.61	11,280.2	818.8	-291.4	821.0	10.00	9.99	-0.35
11,631.3	90.00	0.50	11,281.0	850.1	-291.1	852.3	10.00	9.99	-0.35
Start DLS 2.00 TFO -90.00									
11,677.3	90.00	359.58	11,281.0	896.1	-291.1	898.3	2.00	0.00	-2.00
Start 3722.7 hold at 11677.3 MD									
11,700.0	90.00	359.58	11,281.0	918.8	-291.3	921.0	0.00	0.00	0.00
11,800.0	90.00	359.58	11,281.0	1,018.8	-292.0	1,021.0	0.00	0.00	0.00
11,900.0	90.00	359.58	11,281.0	1,118.8	-292.7	1,121.0	0.00	0.00	0.00
12,000.0	90.00	359.58	11,281.0	1,218.8	-293.5	1,221.0	0.00	0.00	0.00
12,100.0	90.00	359.58	11,281.0	1,318.8	-294.2	1,321.0	0.00	0.00	0.00
12,200.0	90.00	359.58	11,281.0	1,418.8	-294.9	1,421.0	0.00	0.00	0.00
12,300.0	90.00	359.58	11,281.0	1,518.7	-295.7	1,521.0	0.00	0.00	0.00
12,400.0	90.00	359.58	11,281.0	1,618.7	-296.4	1,621.0	0.00	0.00	0.00
12,500.0	90.00	359.58	11,281.0	1,718.7	-297.1	1,721.0	0.00	0.00	0.00
12,600.0	90.00	359.58	11,281.0	1,818.7	-297.9	1,821.0	0.00	0.00	0.00
12,700.0	90.00	359.58	11,281.0	1,918.7	-298.6	1,921.0	0.00	0.00	0.00
12,800.0	90.00	359.58	11,281.0	2,018.7	-299.3	2,021.0	0.00	0.00	0.00
12,900.0	90.00	359.58	11,281.0	2,118.7	-300.1	2,121.0	0.00	0.00	0.00
13,000.0	90.00	359.58	11,281.0	2,218.7	-300.8	2,221.0	0.00	0.00	0.00
13,100.0	90.00	359.58	11,281.0	2,318.7	-301.5	2,321.0	0.00	0.00	0.00
13,200.0	90.00	359.58	11,281.0	2,418.7	-302.3	2,421.0	0.00	0.00	0.00
13,300.0	90.00	359.58	11,281.0	2,518.7	-303.0	2,521.0	0.00	0.00	0.00
13,400.0	90.00	359.58	11,281.0	2,618.7	-303.7	2,621.0	0.00	0.00	0.00
13,500.0	90.00	359.58	11,281.0	2,718.7	-304.5	2,721.0	0.00	0.00	0.00
13,600.0	90.00	359.58	11,281.0	2,818.7	-305.2	2,821.0	0.00	0.00	0.00
13,700.0	90.00	359.58	11,281.0	2,918.7	-305.9	2,921.0	0.00	0.00	0.00
13,800.0	90.00	359.58	11,281.0	3,018.7	-306.7	3,021.0	0.00	0.00	0.00
13,900.0	90.00	359.58	11,281.0	3,118.7	-307.4	3,121.0	0.00	0.00	0.00
14,000.0	90.00	359.58	11,281.0	3,218.7	-308.1	3,221.0	0.00	0.00	0.00
14,100.0	90.00	359.58	11,281.0	3,318.7	-308.9	3,321.0	0.00	0.00	0.00
14,200.0	90.00	359.58	11,281.0	3,418.7	-309.6	3,421.0	0.00	0.00	0.00
14,300.0	90.00	359.58	11,281.0	3,518.7	-310.3	3,521.0	0.00	0.00	0.00
14,400.0	90.00	359.58	11,281.0	3,618.7	-311.1	3,621.0	0.00	0.00	0.00
14,500.0	90.00	359.58	11,281.0	3,718.7	-311.8	3,721.0	0.00	0.00	0.00
14,600.0	90.00	359.58	11,281.0	3,818.7	-312.5	3,821.0	0.00	0.00	0.00
14,700.0	90.00	359.58	11,281.0	3,918.7	-313.3	3,921.0	0.00	0.00	0.00
14,800.0	90.00	359.58	11,281.0	4,018.7	-314.0	4,021.0	0.00	0.00	0.00
14,900.0	90.00	359.58	11,281.0	4,118.7	-314.7	4,121.0	0.00	0.00	0.00
15,000.0	90.00	359.58	11,281.0	4,218.7	-315.5	4,221.0	0.00	0.00	0.00
15,100.0	90.00	359.58	11,281.0	4,318.7	-316.2	4,321.0	0.00	0.00	0.00
15,200.0	90.00	359.58	11,281.0	4,418.7	-316.9	4,421.0	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 #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
15,300.0	90.00	359.58	11,281.0	4,518.7	-317.7	4,521.0	0.00	0.00	0.00
15,400.0	90.00	359.58	11,281.0	4,618.7	-318.4	4,621.0	0.00	0.00	0.00
Start Turn -2.00									
15,500.0	90.00	357.58	11,281.0	4,718.6	-320.9	4,721.0	2.00	0.00	-2.00
15,600.0	90.00	355.58	11,281.0	4,818.4	-326.8	4,820.8	2.00	0.00	-2.00
15,700.0	90.00	353.58	11,281.0	4,918.0	-336.3	4,920.4	2.00	0.00	-2.00
15,800.0	90.00	351.58	11,281.0	5,017.2	-349.2	5,019.7	2.00	0.00	-2.00
15,879.0	90.00	350.00	11,281.0	5,095.1	-361.8	5,097.8	2.00	0.00	-2.00
Start Turn 2.00									
15,900.0	90.00	350.42	11,281.0	5,115.8	-365.4	5,118.5	2.00	0.00	2.00
16,000.0	90.00	352.42	11,281.0	5,214.7	-380.3	5,217.5	2.00	0.00	2.00
16,100.0	90.00	354.42	11,281.0	5,314.0	-391.8	5,316.9	2.00	0.00	2.00
16,200.0	90.00	356.42	11,281.0	5,413.7	-399.8	5,416.6	2.00	0.00	2.00
16,300.0	90.00	358.42	11,281.0	5,513.6	-404.3	5,516.5	2.00	0.00	2.00
16,400.0	90.00	0.42	11,281.0	5,613.6	-405.3	5,616.5	2.00	0.00	2.00
16,500.0	90.00	2.42	11,281.0	5,713.6	-402.8	5,716.5	2.00	0.00	2.00
16,600.0	90.00	4.42	11,281.0	5,813.4	-396.8	5,816.3	2.00	0.00	2.00
16,700.0	90.00	6.42	11,281.0	5,912.9	-387.4	5,915.7	2.00	0.00	2.00
16,800.0	90.00	8.42	11,281.0	6,012.1	-374.5	6,014.8	2.00	0.00	2.00
16,839.0	90.00	9.20	11,281.0	6,050.6	-368.5	6,053.3	2.00	0.00	2.00
Start Turn -2.00									
16,900.0	90.00	7.98	11,281.0	6,110.9	-359.4	6,113.5	2.00	0.00	-2.00
17,000.0	90.00	5.98	11,281.0	6,210.2	-347.2	6,212.7	2.00	0.00	-2.00
17,100.0	90.00	3.98	11,281.0	6,309.8	-338.6	6,312.2	2.00	0.00	-2.00
17,200.0	90.00	1.98	11,281.0	6,409.7	-333.4	6,412.0	2.00	0.00	-2.00
17,300.0	90.00	359.98	11,281.0	6,509.6	-331.7	6,512.0	2.00	0.00	-2.00
17,320.0	90.00	359.58	11,281.0	6,529.6	-331.7	6,532.0	2.00	0.00	-2.00
Start 6607.2 hold at 17320.0 MD									
17,400.0	90.00	359.58	11,281.0	6,609.6	-332.3	6,612.0	0.00	0.00	0.00
17,500.0	90.00	359.58	11,281.0	6,709.6	-333.1	6,712.0	0.00	0.00	0.00
17,600.0	90.00	359.58	11,281.0	6,809.6	-333.8	6,812.0	0.00	0.00	0.00
17,700.0	90.00	359.58	11,281.0	6,909.6	-334.5	6,912.0	0.00	0.00	0.00
17,800.0	90.00	359.58	11,281.0	7,009.6	-335.3	7,012.0	0.00	0.00	0.00
17,900.0	90.00	359.58	11,281.0	7,109.6	-336.0	7,112.0	0.00	0.00	0.00
18,000.0	90.00	359.58	11,281.0	7,209.6	-336.7	7,212.0	0.00	0.00	0.00
18,100.0	90.00	359.58	11,281.0	7,309.6	-337.5	7,312.0	0.00	0.00	0.00
18,200.0	90.00	359.58	11,281.0	7,409.6	-338.2	7,412.0	0.00	0.00	0.00
18,300.0	90.00	359.58	11,281.0	7,509.6	-338.9	7,512.0	0.00	0.00	0.00
18,400.0	90.00	359.58	11,281.0	7,609.6	-339.7	7,612.0	0.00	0.00	0.00
18,500.0	90.00	359.58	11,281.0	7,709.6	-340.4	7,712.0	0.00	0.00	0.00
18,600.0	90.00	359.58	11,281.0	7,809.6	-341.1	7,812.0	0.00	0.00	0.00
18,700.0	90.00	359.58	11,281.0	7,909.6	-341.8	7,912.0	0.00	0.00	0.00
18,800.0	90.00	359.58	11,281.0	8,009.6	-342.6	8,012.0	0.00	0.00	0.00
18,900.0	90.00	359.58	11,281.0	8,109.6	-343.3	8,112.0	0.00	0.00	0.00
19,000.0	90.00	359.58	11,281.0	8,209.6	-344.0	8,212.0	0.00	0.00	0.00
19,100.0	90.00	359.58	11,281.0	8,309.6	-344.8	8,312.0	0.00	0.00	0.00
19,200.0	90.00	359.58	11,281.0	8,409.6	-345.5	8,412.0	0.00	0.00	0.00
19,300.0	90.00	359.58	11,281.0	8,509.6	-346.2	8,512.0	0.00	0.00	0.00
19,400.0	90.00	359.58	11,281.0	8,609.6	-347.0	8,612.0	0.00	0.00	0.00
19,500.0	90.00	359.58	11,281.0	8,709.6	-347.7	8,712.0	0.00	0.00	0.00
19,600.0	90.00	359.58	11,281.0	8,809.6	-348.4	8,812.0	0.00	0.00	0.00
19,700.0	90.00	359.58	11,281.0	8,909.6	-349.2	8,912.0	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 #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
19,800.0	90.00	359.58	11,281.0	9,009.6	-349.9	9,012.0	0.00	0.00	0.00
19,900.0	90.00	359.58	11,281.0	9,109.6	-350.6	9,112.0	0.00	0.00	0.00
20,000.0	90.00	359.58	11,281.0	9,209.6	-351.4	9,212.0	0.00	0.00	0.00
20,100.0	90.00	359.58	11,281.0	9,309.6	-352.1	9,312.0	0.00	0.00	0.00
20,200.0	90.00	359.58	11,281.0	9,409.6	-352.8	9,412.0	0.00	0.00	0.00
20,300.0	90.00	359.58	11,281.0	9,509.6	-353.6	9,512.0	0.00	0.00	0.00
20,400.0	90.00	359.58	11,281.0	9,609.6	-354.3	9,612.0	0.00	0.00	0.00
20,500.0	90.00	359.58	11,281.0	9,709.6	-355.0	9,712.0	0.00	0.00	0.00
20,600.0	90.00	359.58	11,281.0	9,809.6	-355.8	9,812.0	0.00	0.00	0.00
20,700.0	90.00	359.58	11,281.0	9,909.6	-356.5	9,912.0	0.00	0.00	0.00
20,800.0	90.00	359.58	11,281.0	10,009.6	-357.2	10,012.0	0.00	0.00	0.00
20,900.0	90.00	359.58	11,281.0	10,109.6	-358.0	10,112.0	0.00	0.00	0.00
21,000.0	90.00	359.58	11,281.0	10,209.5	-358.7	10,212.0	0.00	0.00	0.00
21,100.0	90.00	359.58	11,281.0	10,309.5	-359.4	10,312.0	0.00	0.00	0.00
21,200.0	90.00	359.58	11,281.0	10,409.5	-360.2	10,412.0	0.00	0.00	0.00
21,300.0	90.00	359.58	11,281.0	10,509.5	-360.9	10,512.0	0.00	0.00	0.00
21,400.0	90.00	359.58	11,281.0	10,609.5	-361.6	10,612.0	0.00	0.00	0.00
21,500.0	90.00	359.58	11,281.0	10,709.5	-362.4	10,712.0	0.00	0.00	0.00
21,600.0	90.00	359.58	11,281.0	10,809.5	-363.1	10,812.0	0.00	0.00	0.00
21,700.0	90.00	359.58	11,281.0	10,909.5	-363.8	10,912.0	0.00	0.00	0.00
21,800.0	90.00	359.58	11,281.0	11,009.5	-364.6	11,012.0	0.00	0.00	0.00
21,900.0	90.00	359.58	11,281.0	11,109.5	-365.3	11,112.0	0.00	0.00	0.00
22,000.0	90.00	359.58	11,281.0	11,209.5	-366.0	11,212.0	0.00	0.00	0.00
22,100.0	90.00	359.58	11,281.0	11,309.5	-366.8	11,312.0	0.00	0.00	0.00
22,200.0	90.00	359.58	11,281.0	11,409.5	-367.5	11,412.0	0.00	0.00	0.00
22,300.0	90.00	359.58	11,281.0	11,509.5	-368.2	11,512.0	0.00	0.00	0.00
22,400.0	90.00	359.58	11,281.0	11,609.5	-369.0	11,612.0	0.00	0.00	0.00
22,500.0	90.00	359.58	11,281.0	11,709.5	-369.7	11,712.0	0.00	0.00	0.00
22,600.0	90.00	359.58	11,281.0	11,809.5	-370.4	11,812.0	0.00	0.00	0.00
22,700.0	90.00	359.58	11,281.0	11,909.5	-371.2	11,912.0	0.00	0.00	0.00
22,800.0	90.00	359.58	11,281.0	12,009.5	-371.9	12,012.0	0.00	0.00	0.00
22,900.0	90.00	359.58	11,281.0	12,109.5	-372.6	12,112.0	0.00	0.00	0.00
23,000.0	90.00	359.58	11,281.0	12,209.5	-373.4	12,212.0	0.00	0.00	0.00
23,100.0	90.00	359.58	11,281.0	12,309.5	-374.1	12,312.0	0.00	0.00	0.00
23,200.0	90.00	359.58	11,281.0	12,409.5	-374.8	12,412.0	0.00	0.00	0.00
23,300.0	90.00	359.58	11,281.0	12,509.5	-375.6	12,512.0	0.00	0.00	0.00
23,400.0	90.00	359.58	11,281.0	12,609.5	-376.3	12,612.0	0.00	0.00	0.00
23,500.0	90.00	359.58	11,281.0	12,709.5	-377.0	12,712.0	0.00	0.00	0.00
23,600.0	90.00	359.58	11,281.0	12,809.5	-377.8	12,812.0	0.00	0.00	0.00
23,700.0	90.00	359.58	11,281.0	12,909.5	-378.5	12,912.0	0.00	0.00	0.00
23,800.0	90.00	359.58	11,281.0	13,009.5	-379.2	13,012.0	0.00	0.00	0.00
23,900.0	90.00	359.58	11,281.0	13,109.5	-380.0	13,112.0	0.00	0.00	0.00
23,927.2	90.00	359.58	11,281.0	13,136.7	-380.2	13,139.2	0.00	0.00	0.00
Start DLS 8.80 TFO -90.00 - DP1 - Toddy Glosser 0529 State Com #150H									
24,000.0	90.00	353.17	11,281.0	13,209.3	-384.8	13,211.9	8.80	0.00	-8.80
24,100.0	90.00	344.37	11,281.0	13,307.3	-404.2	13,310.0	8.80	0.00	-8.80
24,200.0	90.00	335.57	11,281.0	13,401.1	-438.4	13,404.1	8.80	0.00	-8.80
24,300.0	90.00	326.77	11,281.0	13,488.7	-486.6	13,492.0	8.80	0.00	-8.80
24,400.0	90.00	317.97	11,281.0	13,567.8	-547.6	13,571.6	8.80	0.00	-8.80
24,500.0	90.00	309.17	11,281.0	13,636.6	-620.0	13,641.0	8.80	0.00	-8.80
24,506.9	90.00	308.56	11,281.0	13,641.0	-625.4	13,645.4	8.80	0.00	-8.80
NPZ1 - Toddy Glosser 0529 State Com #150H									

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
24,600.0	90.00	300.37	11,281.0	13,693.6	-702.0	13,698.6	8.80	0.00	-8.80
24,700.0	90.00	291.57	11,281.0	13,737.4	-791.8	13,743.0	8.80	0.00	-8.80
24,800.0	90.00	282.77	11,281.0	13,766.9	-887.3	13,773.3	8.80	0.00	-8.80
24,900.0	90.00	273.97	11,281.0	13,781.4	-986.1	13,788.6	8.80	0.00	-8.80
24,945.1	90.00	270.00	11,281.0	13,783.0	-1,031.2	13,790.5	8.80	0.00	-8.80
Start Turn -8.56									
25,000.0	90.00	265.30	11,281.0	13,780.7	-1,086.0	13,788.7	8.56	0.00	-8.56
25,100.0	90.00	256.74	11,281.0	13,765.1	-1,184.7	13,773.8	8.56	0.00	-8.56
25,200.0	90.00	248.18	11,281.0	13,735.0	-1,280.0	13,744.5	8.56	0.00	-8.56
25,300.0	90.00	239.62	11,281.0	13,691.1	-1,369.7	13,701.2	8.56	0.00	-8.56
25,397.3	90.00	231.30	11,281.0	13,636.0	-1,449.8	13,646.7	8.56	0.00	-8.56
NPZ2 - Toddy Glosser 0529 State Com #150H									
25,400.0	90.00	231.06	11,281.0	13,634.3	-1,451.9	13,645.0	8.56	0.00	-8.56
25,500.0	90.00	222.50	11,281.0	13,565.9	-1,524.7	13,577.2	8.56	0.00	-8.56
25,600.0	90.00	213.94	11,281.0	13,487.4	-1,586.5	13,499.2	8.56	0.00	-8.56
25,700.0	90.00	205.38	11,281.0	13,400.6	-1,636.0	13,412.7	8.56	0.00	-8.56
25,800.0	90.00	196.82	11,281.0	13,307.4	-1,671.9	13,319.8	8.56	0.00	-8.56
25,900.0	90.00	188.26	11,281.0	13,209.8	-1,693.6	13,222.5	8.56	0.00	-8.56
25,981.9	90.00	181.25	11,281.0	13,128.3	-1,700.4	13,141.0	8.56	0.00	-8.56
DP2 - Toddy Glosser 0529 State Com #150H									
25,982.6	90.00	181.19	11,281.0	13,127.5	-1,700.4	13,140.2	8.56	0.00	-8.56
Start DLS 2.00 TFO -90.00									
26,000.0	90.00	180.84	11,281.0	13,110.2	-1,700.7	13,122.9	2.00	0.00	-2.00
26,063.1	90.00	179.58	11,281.0	13,047.0	-1,701.0	13,059.7	2.00	0.00	-2.00
Start 4330.4 hold at 26063.1 MD									
26,100.0	90.00	179.58	11,281.0	13,010.2	-1,700.7	13,022.9	0.00	0.00	0.00
26,200.0	90.00	179.58	11,281.0	12,910.2	-1,700.0	12,922.9	0.00	0.00	0.00
26,300.0	90.00	179.58	11,281.0	12,810.2	-1,699.2	12,822.9	0.00	0.00	0.00
26,400.0	90.00	179.58	11,281.0	12,710.2	-1,698.5	12,722.9	0.00	0.00	0.00
26,500.0	90.00	179.58	11,281.0	12,610.2	-1,697.8	12,622.9	0.00	0.00	0.00
26,600.0	90.00	179.58	11,281.0	12,510.2	-1,697.0	12,522.9	0.00	0.00	0.00
26,700.0	90.00	179.58	11,281.0	12,410.2	-1,696.3	12,422.9	0.00	0.00	0.00
26,800.0	90.00	179.58	11,281.0	12,310.2	-1,695.6	12,322.9	0.00	0.00	0.00
26,900.0	90.00	179.58	11,281.0	12,210.2	-1,694.8	12,222.9	0.00	0.00	0.00
27,000.0	90.00	179.58	11,281.0	12,110.2	-1,694.1	12,122.9	0.00	0.00	0.00
27,100.0	90.00	179.58	11,281.0	12,010.2	-1,693.4	12,022.9	0.00	0.00	0.00
27,200.0	90.00	179.58	11,281.0	11,910.2	-1,692.6	11,922.9	0.00	0.00	0.00
27,300.0	90.00	179.58	11,281.0	11,810.2	-1,691.9	11,822.9	0.00	0.00	0.00
27,400.0	90.00	179.58	11,281.0	11,710.2	-1,691.2	11,722.9	0.00	0.00	0.00
27,500.0	90.00	179.58	11,281.0	11,610.2	-1,690.4	11,622.9	0.00	0.00	0.00
27,600.0	90.00	179.58	11,281.0	11,510.2	-1,689.7	11,522.9	0.00	0.00	0.00
27,700.0	90.00	179.58	11,281.0	11,410.2	-1,689.0	11,422.9	0.00	0.00	0.00
27,800.0	90.00	179.58	11,281.0	11,310.2	-1,688.2	11,322.9	0.00	0.00	0.00
27,900.0	90.00	179.58	11,281.0	11,210.2	-1,687.5	11,222.9	0.00	0.00	0.00
28,000.0	90.00	179.58	11,281.0	11,110.2	-1,686.8	11,122.9	0.00	0.00	0.00
28,100.0	90.00	179.58	11,281.0	11,010.2	-1,686.0	11,022.9	0.00	0.00	0.00
28,200.0	90.00	179.58	11,281.0	10,910.2	-1,685.3	10,922.9	0.00	0.00	0.00
28,300.0	90.00	179.58	11,281.0	10,810.2	-1,684.6	10,822.9	0.00	0.00	0.00
28,400.0	90.00	179.58	11,281.0	10,710.2	-1,683.8	10,722.9	0.00	0.00	0.00
28,500.0	90.00	179.58	11,281.0	10,610.2	-1,683.1	10,622.9	0.00	0.00	0.00
28,600.0	90.00	179.58	11,281.0	10,510.2	-1,682.4	10,522.9	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 #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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)
28,700.0	90.00	179.58	11,281.0	10,410.2	-1,681.6	10,422.9	0.00	0.00	0.00
28,800.0	90.00	179.58	11,281.0	10,310.3	-1,680.9	10,322.9	0.00	0.00	0.00
28,900.0	90.00	179.58	11,281.0	10,210.3	-1,680.2	10,222.9	0.00	0.00	0.00
29,000.0	90.00	179.58	11,281.0	10,110.3	-1,679.4	10,122.9	0.00	0.00	0.00
29,100.0	90.00	179.58	11,281.0	10,010.3	-1,678.7	10,022.9	0.00	0.00	0.00
29,200.0	90.00	179.58	11,281.0	9,910.3	-1,678.0	9,922.9	0.00	0.00	0.00
29,300.0	90.00	179.58	11,281.0	9,810.3	-1,677.3	9,822.9	0.00	0.00	0.00
29,400.0	90.00	179.58	11,281.0	9,710.3	-1,676.5	9,722.9	0.00	0.00	0.00
29,500.0	90.00	179.58	11,281.0	9,610.3	-1,675.8	9,622.9	0.00	0.00	0.00
29,600.0	90.00	179.58	11,281.0	9,510.3	-1,675.1	9,522.9	0.00	0.00	0.00
29,700.0	90.00	179.58	11,281.0	9,410.3	-1,674.3	9,422.9	0.00	0.00	0.00
29,800.0	90.00	179.58	11,281.0	9,310.3	-1,673.6	9,322.9	0.00	0.00	0.00
29,900.0	90.00	179.58	11,281.0	9,210.3	-1,672.9	9,222.9	0.00	0.00	0.00
30,000.0	90.00	179.58	11,281.0	9,110.3	-1,672.1	9,122.9	0.00	0.00	0.00
30,100.0	90.00	179.58	11,281.0	9,010.3	-1,671.4	9,022.9	0.00	0.00	0.00
30,200.0	90.00	179.58	11,281.0	8,910.3	-1,670.7	8,922.9	0.00	0.00	0.00
30,300.0	90.00	179.58	11,281.0	8,810.3	-1,669.9	8,822.9	0.00	0.00	0.00
30,393.6	90.00	179.58	11,281.0	8,716.7	-1,669.2	8,729.3	0.00	0.00	0.00
TD at 30393.6 - BHL - Toddy Glosser 0529 State Com #150H									

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	0.00	10,708.0	749.3	-340.0	517,611.00	727,075.00	32° 25' 15.157 N	103° 35' 50.814 W
- plan misses target center by 473.0usft at 10742.6usft MD (10719.7 TVD, 277.3 N, -311.9 E)									
- Point									
FPP - Toddy Glosser 05	0.00	0.00	11,278.7	799.0	-291.7	517,660.70	727,123.34	32° 25' 15.646 N	103° 35' 50.246 W
- plan hits target center									
- Point									
BHL - Toddy Glosser 05	0.00	0.00	11,281.0	8,716.8	-1,663.7	525,578.46	725,751.27	32° 26' 34.087 N	103° 36' 5.619 W
- plan misses target center by 5.5usft at 30393.6usft MD (11281.0 TVD, 8716.7 N, -1669.2 E)									
- Point									
DP1 - Toddy Glosser 05	0.00	0.01	11,281.0	13,136.7	-375.5	529,998.40	727,039.45	32° 27' 17.736 N	103° 35' 50.232 W
- plan misses target center by 4.6usft at 23927.2usft MD (11281.0 TVD, 13136.7 N, -380.2 E)									
- Point									
DP2 - Toddy Glosser 05	0.00	0.00	11,281.0	13,127.9	-1,695.5	529,989.58	725,719.50	32° 27' 17.738 N	103° 36' 5.637 W
- plan misses target center by 4.9usft at 25982.2usft MD (11281.0 TVD, 13128.0 N, -1700.4 E)									
- Point									
NPZ1 - Toddy Glosser 0	0.00	0.00	11,281.0	13,641.0	-625.4	530,502.70	726,789.62	32° 27' 22.743 N	103° 35' 53.108 W
- plan hits target center									
- Point									
NPZ2 - Toddy Glosser 0	0.00	0.00	11,281.0	13,636.0	-1,449.7	530,497.70	725,965.25	32° 27' 22.750 N	103° 36' 2.729 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 #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,429.2	1,429.0	Z (Rustler)			
1,881.3	1,881.0	Z (Salado)			
4,697.9	4,697.0	Z (G30:CS14-CSB)			
5,001.4	5,000.0	Z (G26: Bell Cyn.)			
6,130.6	6,123.0	Z (G13: Cherry Cyn.)			
7,098.1	7,086.0	Z (G7: Brushy Cyn.) Antelope Ridge			
8,510.5	8,494.0	G5: L. Brushy Cyn.			
8,807.2	8,790.0	Z (G4: BSGL (CS9))			
9,415.2	9,397.0	L8.2: U. Avalon Shale			
9,597.5	9,579.0	L6.3: Avalon Carb			
9,780.0	9,759.0	Z (L5.3: FBSC)			
10,011.7	9,989.0	Z (L5.1: FBSG)			
10,282.9	10,260.0	Z (L4.3: SBSC)			
10,643.9	10,621.0	Z (L4.1: SBSG)			
11,340.8	11,209.0	Z (L3.3: TBSC)			

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**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
235.0	235.0	1.3	0.1	Start DLS 0.21 TFO -124.48
330.0	330.0	2.4	0.1	Start Turn -30.02
424.0	424.0	3.2	-0.3	Start DLS 0.24 TFO -111.71
519.0	519.0	3.7	-1.0	Start DLS 0.15 TFO -118.15
613.0	613.0	4.0	-1.7	Start DLS 0.19 TFO -126.42
708.0	708.0	4.0	-2.5	Start DLS 0.39 TFO -60.01
866.0	866.0	3.1	-3.8	Start DLS 0.15 TFO -23.43
957.0	957.0	2.0	-4.8	Start DLS 0.46 TFO -66.88
1,047.0	1,046.9	0.5	-5.7	Start DLS 0.15 TFO 19.51
1,137.0	1,136.9	-1.4	-6.5	Start DLS 0.20 TFO 94.70
1,250.0	1,249.9	-3.7	-7.9	Start DLS 0.62 TFO -84.46
1,313.0	1,312.9	-5.1	-8.5	Start DLS 0.93 TFO -110.25
1,407.0	1,406.8	-7.3	-8.6	Start DLS 0.17 TFO -111.65
1,497.0	1,496.8	-9.4	-7.8	Start DLS 0.37 TFO -145.95
1,587.0	1,586.8	-11.1	-6.9	Start DLS 0.53 TFO 91.10
1,677.0	1,676.8	-12.7	-6.3	Start DLS 0.40 TFO 154.15
1,767.0	1,766.8	-14.3	-6.2	Start DLS 0.75 TFO -124.20
1,857.0	1,856.7	-15.4	-5.8	Start DLS 0.23 TFO 38.48
1,946.0	1,945.7	-16.4	-4.9	Start DLS 0.07 TFO -129.70
2,036.0	2,035.7	-17.5	-4.0	Start DLS 0.39 TFO -49.66
2,126.0	2,125.7	-18.5	-2.7	Start DLS 0.84 TFO -57.30
2,215.0	2,214.7	-19.2	-0.7	Start DLS 0.35 TFO -102.72
2,305.0	2,304.6	-19.5	1.8	Start DLS 0.10 TFO 24.75
2,394.0	2,393.6	-19.6	4.4	Start DLS 0.74 TFO -173.21
2,484.0	2,483.6	-19.6	6.6	Start DLS 2.40 TFO 163.87
2,574.0	2,573.6	-20.1	6.6	Start DLS 0.53 TFO -154.26
2,663.0	2,662.6	-21.0	5.4	Start DLS 0.94 TFO 158.47
2,753.0	2,752.6	-21.3	4.8	Start DLS 0.78 TFO 116.56
2,842.0	2,841.6	-20.8	5.0	Start DLS 0.71 TFO 58.13
2,932.0	2,931.5	-20.2	6.1	Start DLS 0.79 TFO -64.32
3,021.0	3,020.5	-19.1	7.8	Start DLS 0.99 TFO 26.76
3,111.0	3,110.5	-17.2	10.2	Start DLS 1.40 TFO 127.51
3,200.0	3,199.4	-16.2	13.2	Start DLS 1.64 TFO 125.71
3,290.0	3,289.4	-17.0	15.5	Start DLS 0.11 TFO -116.45
3,379.0	3,378.3	-18.8	17.2	Start DLS 2.59 TFO 171.43
3,469.0	3,468.3	-19.4	17.5	Start DLS 0.72 TFO -140.88
3,559.0	3,558.3	-19.4	16.5	Start DLS 0.05 TFO -9.89
3,649.0	3,648.3	-19.8	15.7	Start DLS 0.73 TFO -138.14
3,738.0	3,737.3	-20.4	15.5	Start DLS 0.48 TFO 97.93
3,827.0	3,826.3	-21.1	15.4	Start DLS 0.50 TFO -79.24
3,917.0	3,916.3	-22.1	15.2	Start DLS 0.55 TFO -64.04
4,007.0	4,006.3	-23.5	15.7	Start DLS 0.25 TFO -108.75
4,096.0	4,095.3	-24.8	16.6	Start DLS 0.47 TFO 74.36
4,185.0	4,184.3	-26.3	17.5	Start DLS 0.31 TFO -88.02
4,275.0	4,274.2	-28.1	18.4	Start DLS 0.39 TFO 73.73
4,365.0	4,364.2	-29.9	19.4	Start DLS 0.09 TFO -12.83
4,454.0	4,453.2	-32.0	20.2	Start DLS 0.34 TFO -153.43
4,543.0	4,542.2	-34.0	21.0	Start DLS 1.70 TFO 122.03
4,633.0	4,632.2	-35.6	20.7	Start DLS 2.63 TFO 73.25
4,722.0	4,721.1	-36.2	17.6	Start DLS 0.34 TFO -91.71
4,776.0	4,775.0	-36.2	14.8	Start DLS 0.75 TFO 91.23
4,926.0	4,924.8	-34.8	6.9	Start DLS 3.13 TFO 56.28
5,016.0	5,014.6	-31.0	1.6	Start DLS 0.33 TFO -101.30
5,105.0	5,103.2	-25.3	-4.3	Start DLS 0.19 TFO 104.28
5,195.0	5,192.8	-19.6	-10.2	Start DLS 0.43 TFO -145.22
5,285.0	5,282.4	-14.1	-16.0	Start DLS 0.45 TFO 165.08
5,375.0	5,372.1	-9.1	-21.5	Start DLS 0.26 TFO -16.59

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)
Company:	Matador Production Company	**TVD Reference:**	KB @ 3683.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3683.5usft
Site:	Toddy Glosser 0529	**North Reference:**	Grid
Well:	Toddy Glosser 0529 State Com #150H (Formerly D.L.5 #605H)	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

5,464.0	5,460.8	-4.2	-26.8	Start DLS 1.66 TFO -23.68
5,554.0	5,550.4	1.2	-33.4	Start DLS 0.97 TFO 14.99
5,643.0	5,638.8	7.5	-41.4	Start DLS 0.35 TFO 126.42
5,733.0	5,728.2	14.4	-49.7	Start DLS 0.12 TFO -30.48
5,823.0	5,817.6	21.4	-57.8	Start DLS 0.33 TFO -116.73
5,913.0	5,906.9	28.2	-66.1	Start DLS 0.17 TFO -106.08
6,003.0	5,996.3	34.6	-74.5	Start DLS 0.20 TFO -106.68
6,092.0	6,084.7	40.8	-82.9	Start DLS 0.42 TFO 111.65
6,182.0	6,174.1	47.0	-91.2	Start DLS 0.14 TFO -45.62
6,272.0	6,263.5	53.4	-99.3	Start DLS 1.23 TFO 150.85
6,361.0	6,352.0	59.6	-106.6	Start DLS 0.16 TFO 123.97
6,451.0	6,441.5	65.7	-113.1	Start DLS 0.21 TFO -169.54
6,540.0	6,530.1	71.7	-119.2	Start DLS 0.30 TFO 145.59
6,630.0	6,619.7	77.6	-125.2	Start DLS 0.43 TFO -78.73
6,720.0	6,709.3	83.3	-131.2	Start DLS 0.23 TFO 152.52
6,810.0	6,799.0	88.8	-137.3	Start DLS 0.15 TFO -49.43
6,899.0	6,887.6	94.2	-143.2	Start DLS 0.17 TFO -146.59
6,989.0	6,977.2	99.5	-149.4	Start DLS 0.59 TFO -147.58
7,079.0	7,066.9	104.3	-155.3	Start DLS 0.51 TFO 153.48
7,168.0	7,155.6	108.5	-160.8	Start DLS 0.42 TFO -112.60
7,258.0	7,245.4	112.5	-166.0	Start DLS 0.21 TFO 119.24
7,347.0	7,334.2	116.2	-171.1	Start DLS 0.58 TFO -93.77
7,438.0	7,425.0	119.8	-176.5	Start DLS 0.21 TFO -116.22
7,527.0	7,513.7	122.7	-181.9	Start DLS 1.69 TFO 48.15
7,617.0	7,603.5	126.7	-187.7	Start DLS 0.45 TFO 27.97
7,704.0	7,690.1	132.0	-193.8	Start DLS 0.52 TFO 178.24
7,796.0	7,781.7	137.5	-200.0	Start DLS 0.17 TFO 109.98
7,886.0	7,871.4	142.8	-205.7	Start DLS 0.38 TFO -137.14
8,065.0	8,049.8	152.4	-216.7	Start DLS 0.21 TFO 62.44
8,155.0	8,139.5	156.8	-222.2	Start DLS 0.39 TFO -122.38
8,245.0	8,229.2	161.1	-227.7	Start DLS 0.36 TFO -164.43
8,334.0	8,318.0	164.8	-233.0	Start DLS 0.22 TFO -25.09
8,424.0	8,407.8	168.5	-238.4	Start DLS 0.18 TFO 144.32
8,514.0	8,497.5	172.1	-243.7	Start DLS 0.41 TFO -55.47
8,603.0	8,586.3	175.6	-249.2	Start DLS 0.25 TFO 165.66
8,693.0	8,676.0	179.0	-254.9	Start DLS 0.26 TFO -141.90
8,783.0	8,765.8	182.2	-260.3	Start DLS 0.48 TFO -156.96
8,872.0	8,854.6	185.0	-265.4	Start DLS 0.85 TFO -148.10
8,962.0	8,944.5	186.9	-270.0	Start DLS 1.31 TFO 106.14
9,052.0	9,034.4	189.2	-273.8	Start DLS 1.70 TFO 61.21
9,141.0	9,123.2	193.2	-276.7	Start DLS 0.88 TFO 174.05
9,231.0	9,213.1	198.0	-279.1	Start DLS 0.55 TFO -79.46
9,321.0	9,303.0	202.1	-281.4	Start DLS 0.78 TFO 153.97
9,411.0	9,392.8	205.9	-283.7	Start DLS 0.82 TFO -141.91
9,501.0	9,482.8	208.8	-285.7	Start DLS 5.00 TFO 24.93
9,684.5	9,664.9	227.7	-293.8	Start DLS 2.00 TFO 180.00
10,234.5	10,211.5	277.1	-311.9	Start 496.2 hold at 10234.5 MD
10,730.7	10,707.8	277.1	-311.9	Start DLS 10.01 TFO 5.00
10,970.5	10,940.6	326.4	-307.6	Start DLS 10.00 TFO -4.92
11,631.3	11,281.0	850.1	-291.1	Start DLS 2.00 TFO -90.00
11,677.3	11,281.0	896.1	-291.1	Start 3722.7 hold at 11677.3 MD
15,400.0	11,281.0	4,618.7	-318.4	Start Turn -2.00
15,879.0	11,281.0	5,095.1	-361.8	Start Turn 2.00
16,839.0	11,281.0	6,050.6	-368.5	Start Turn -2.00
17,320.0	11,281.0	6,529.6	-331.7	Start 6607.2 hold at 17320.0 MD
23,927.2	11,281.0	13,136.7	-380.2	Start DLS 8.80 TFO -90.00
24,945.1	11,281.0	13,783.0	-1,031.2	Start Turn -8.56
25,982.6	11,281.0	13,127.5	-1,700.4	Start DLS 2.00 TFO -90.00
26,063.1	11,281.0	13,047.0	-1,701.0	Start 4330.4 hold at 26063.1 MD
30,393.6	11,281.0	8,716.7	-1,669.2	TD at 30393.6

Well Name: Toddy Glosser 0529 State Com #150H

Operator: Matador Production Company

Procedure:

- Safety meeting, MIRU, check pressures, ND wellhead, NU & test BOPs.
- TIH & remove RBP
- MU 8-3/4" BHA, TIH, widen hole and drill out cement plugs as noted in Figure 1.
- Circulate bottoms up, TOOH, proceed to run 7-5/8" MO-FXL and cement as per attached Casing and Cementing Plan
- Resume normal drilling operations

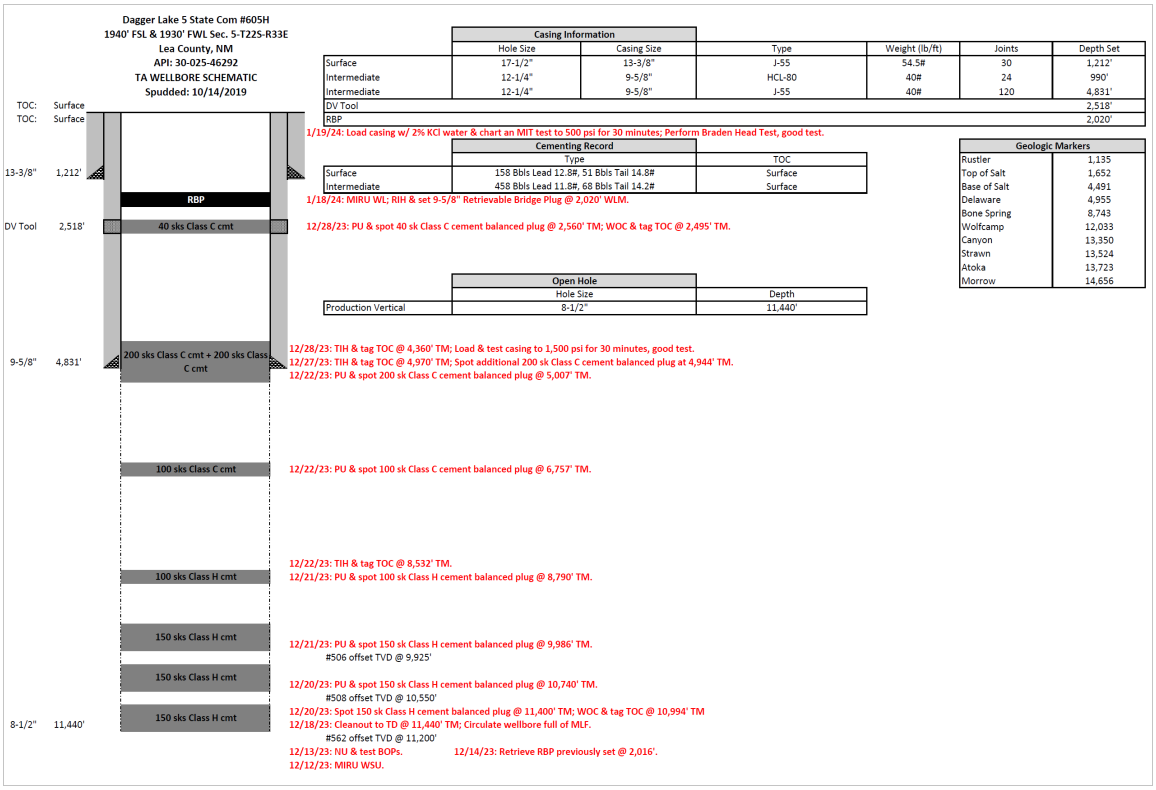


Figure 1

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

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:

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

Operator:	OGRID:
MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	228937
	Action Number: 627571
	Action Type: [C-103A] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	Well completions now include both [37870] LEGG; BONE SPRING and [97927] WC-025 G-07 S213330F; BONE SPRING.	10/6/2026
matthew.gomez	Property code is now 339220.	10/6/2026
matthew.gomez	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.	10/6/2026
matthew.gomez	A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.	10/6/2026
matthew.gomez	Notify the OCD 24 hours prior to casing & cement.	10/6/2026
matthew.gomez	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.	10/6/2026
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.	10/6/2026
matthew.gomez	If cement does not circulate to surface on any string, a Cement Bond Log (CBL) is required for that string of casing. If strata isolation is not achieved, remediation will be required before further operations may commence.	10/6/2026
matthew.gomez	All conducted logs must be submitted to the OCD.	10/6/2026
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.	10/6/2026
matthew.gomez	File As Drilled C-102 and a directional Survey with C-104 completion packet.	10/6/2026
matthew.gomez	A [C-103] Sub. Workover (C-103R) detailing operations is required once all plugs have been drilled out.	10/6/2026
matthew.gomez	For future reference, please submit the proposal to drill out existing plugs as a NOI Workover (C-103G) separately from the proposals to alter the well's name and design.	10/6/2026
matthew.gomez	All previous COA's not addressed within the updated COA's still apply.	10/6/2026