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

Form C-101
August 1, 2011

Permit 393912

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	228937
	3. API Number 30-015-56980

4. Property Code	5. Property Name	6. Well No.
314317	TRAVIS STATE	120H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	24	18S	28E		2473	N	268	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	24	18S	28E	A	660	N	110	E	Eddy

9. Pool Information

ILLINOIS CAMP;BONE SPRING, EAST	96632

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	3519
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	18001	Bone Spring		3/17/2026
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	400	472	0
Int1	9.875	7.625	29.7	6845	1478	0
Prod	6.75	5.5	20	18001	1041	6645

Casing/Cement Program: Additional Comments

Option to drill surface hole with surface setting rig Option to cement surface casing offline Option to run DV tool and Packer.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3000	Cameron
Double Ram	10000	5000	Cameron
Pipe	10000	5000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.** Signature:		**OIL CONSERVATION DIVISION**		
Printed Name:	Electronically filed by Brett A Jennings	Approved By:	Jeffrey Harrison	
Title:	Regulatory Analyst	Title:	Petroleum Specialist III	
Email Address:	brett.jennings@matadorresources.com	Approved Date:	7/16/2025	Expiration Date: 7/16/2027
Date:	7/16/2025 Phone: 972-629-2160	Conditions of Approval Attached		

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: [X] Initial Submittal [ ] Amended Report [ ] As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-56980	96632	ILLINOIS CAMP;BONE SPRING, EAST

Property Code	Property Name	Well Number
314317	TRAVIS STATE	120H

OGRID No.	Operator Name	Ground Level Elevation
228937	MATADOR PRODUCTION COMPANY	3519'

Surface Owner: [X] State [ ] Fee [ ] Tribal [ ] Federal

Mineral Owner: [X] 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
H	24	18-S	28-E	-	2473' N	268' E	N 32.7343285	W 104.1226360	EDDY

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
A	24	18-S	28-E	-	660' N	110' E	N 32.7393181	W 104.1221083	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
320	PENDING	PENDING	Y	C

Order Numbers: N/A

Well Setbacks are under Common Ownership: [ ] Yes [X] 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
H	24	18-S	28-E	-	1980' N	50' E	N 32.7356918	W 104.1219230	EDDY

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
H	24	18-S	28-E	-	1980' N	100' E	N 32.7356898	W 104.1220856	EDDY

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
A	24	18-S	28-E	-	660' N	110' E	N 32.7393181	W 104.1221083	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unity Type	Ground Floor Elevation
N/A	[X] Horizontal [ ] Vertical	3519'

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: Chris Carleton Date: 7/10/25

Print Name: Chris Carleton

E-mail Address: ccarleton@matadorresources.com

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 6/18/25 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor Date

Certificate Number

Date of Survey: 06/09/2025

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:
- [X] Initial Submittal
- [ ] Amended Report
- [ ] As Drilled

Property Name and Well Number

TRAVIS STATE 120H

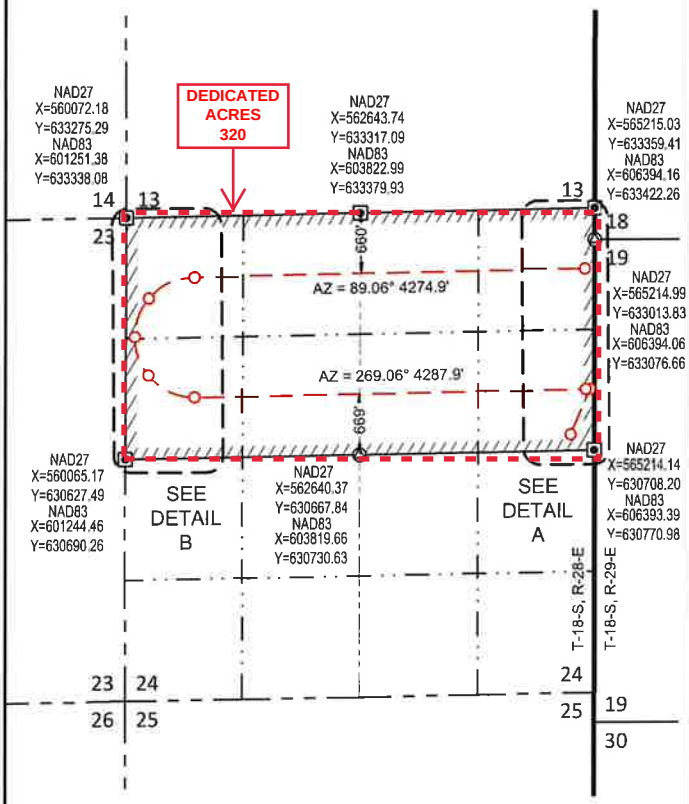
SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=606125 Y=630945
LAT.: N 32.7343285
LONG.: W 104.1226360
NAD 1927
X=62744956 Y=31196332
LAT.: S 73.0788215
LONG.: W 339.1252254
2473' FNL 268' FEL

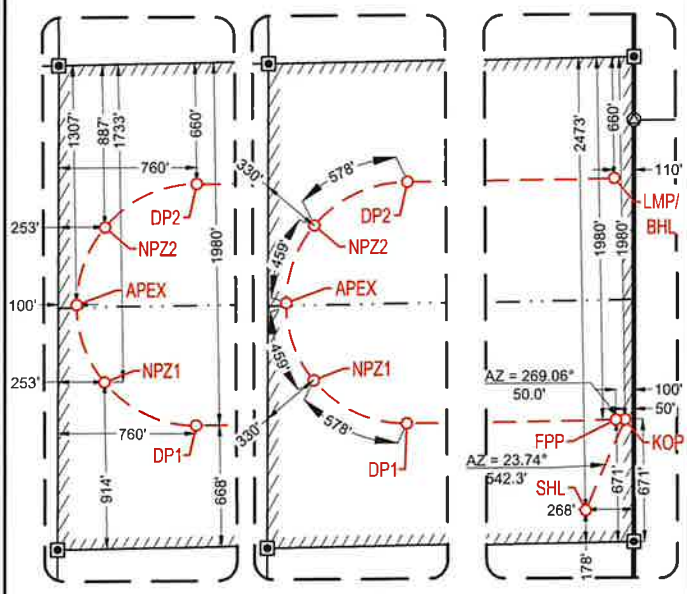
KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=606344 Y=631441
LAT.: N 32.7356918
LONG.: W 104.1219230
NAD 1927
X=62747417 Y=31194968
LAT.: S 73.0690355
LONG.: W 339.1345404
1980' FNL 50' FEL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=606294 Y=631440
LAT.: N 32.7356898
LONG.: W 104.1220856
NAD 1927
X=62747356 Y=31195191
LAT.: S 73.0588984
LONG.: W 339.1188889
1980' FNL 100' FEL

DEFLECTION POINT (DP1)
NEW MEXICO EAST
NAD 1983
X=602006 Y=631370
LAT.: N 32.7355201
LONG.: W 104.1360291
NAD 1927
X=62742090 Y=31214310
LAT.: S 72.1916187
LONG.: W 337.7805616
1980' FNL 760' FWL

NON PERF. ZONE (NPZ1)
NEW MEXICO EAST
NAD 1983
X=601500 Y=631609
LAT.: N 32.7361779
LONG.: W 104.1376734
NAD 1927
X=62742566 Y=31216371
LAT.: S 72.0625971
LONG.: W 337.5937206
1733' FNL 253' FWL





DETAIL VIEW B-1
SCALE: 1" = 1000'

DETAIL VIEW B-2
SCALE: 1" = 1000'

DETAIL VIEW A
SCALE: 1" = 1000'

U-TURN APEX (APEX)
NEW MEXICO EAST
NAD 1983
X=601348 Y=632032
LAT.: N 32.7373423
LONG.: W 104.1381659
NAD 1927
X=62744275 Y=31216712
LAT.: S 71.9854345
LONG.: W 337.4956732
1307' FNL 100' FWL

NON PERF. ZONE (NPZ2)
NEW MEXICO EAST
NAD 1983
X=601502 Y=632455
LAT.: N 32.7385030
LONG.: W 104.1376611
NAD 1927
X=62746334 Y=31215689
LAT.: S 71.9707521
LONG.: W 337.4936885
887' FNL 253' FWL

DEFLECTION POINT (DP2)
NEW MEXICO EAST
NAD 1983
X=602010 Y=632690
LAT.: N 32.7391483
LONG.: W 104.1360099
NAD 1927
X=62747969 Y=31213245
LAT.: S 72.0482315
LONG.: W 337.6243822
660' FNL 760' FWL

LAST PERF. POINT (LPP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=606284 Y=632760
LAT.: N 32.7393181
LONG.: W 104.1221083
NAD 1927 x
X=62753218 Y=31194185
LAT.: S 72.9122801
LONG.: W 338.9578932
660' FNL 110' FEL

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.

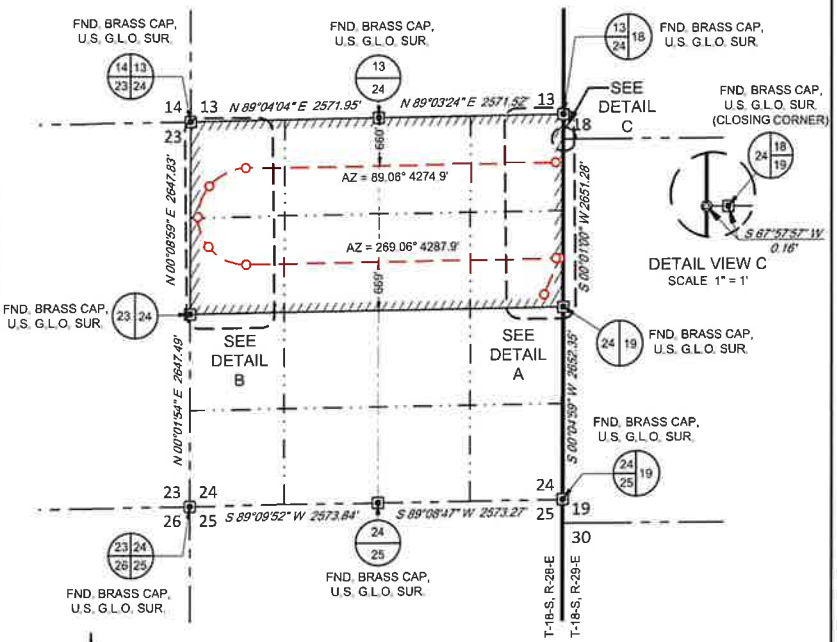
06/09/2025
Date of Survey

Signature and Seal of Professional Surveyor:

ANGEL M. BAEZA
NEW MEXICO
25116
6/18/25
PROFESSIONAL SURVEYOR

Matador PRODUCTION COMPANY

SECTION 24, TOWNSHIP 18-S, RANGE 28-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



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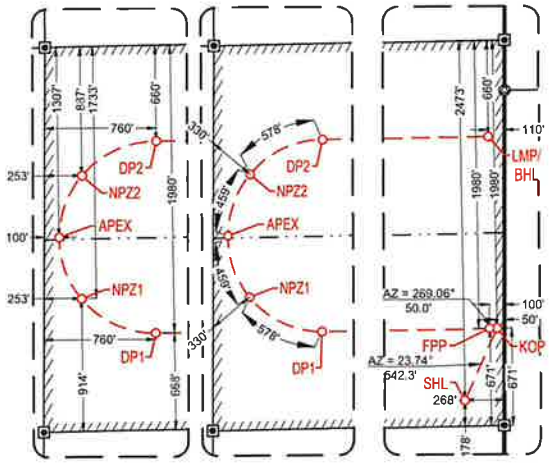
0' 1000' 2000'



DETAIL VIEW B-1
SCALE: 1" = 1000'

DETAIL VIEW B-2
SCALE 1" = 1000'

DETAIL VIEW A
SCALE: 1" = 1000'

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=606125 Y=630945
LAT.: N 32.7343285
LONG.: W 104.1226360
2473' FNL 268' FEL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=606344 Y=631441
LAT.: N 32.7356918
LONG.: W 104.1219230
1980' FNL 50' FEL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=606294 Y=631440
LAT.: N 32.7356898
LONG.: W 104.1220856
1980' FNL 100' FEL

DEFLECTION POINT (DP1)
NEW MEXICO EAST
NAD 1983
X=602006 Y=631370
LAT.: N 32.7355201
LONG.: W 104.1360291
1980' FNL 760' FWL

NON PERF. ZONE (NPZ1)
NEW MEXICO EAST
NAD 1983
X=601500 Y=631609
LAT.: N 32.7361779
LONG.: W 104.1376734
1733' FNL 253' FWL

U-TURN APEX (APEX)
NEW MEXICO EAST
NAD 1983
X=601348 Y=632032
LAT.: N 32.7373423
LONG.: W 104.1381659
1307' FNL 100' FWL

NON PERF. ZONE (NPZ2)
NEW MEXICO EAST
NAD 1983
X=601502 Y=632455
LAT.: N 32.7385030
LONG.: W 104.1376611
887' FNL 253' FWL

DEFLECTION POINT (DP2)
NEW MEXICO EAST
NAD 1983
X=602010 Y=632690
LAT.: N 32.7391483
LONG.: W 104.1360099
660' FNL 760' FWL

LAST PERF. POINT (LPP)/ BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=606284 Y=632760
LAT.: N 32.7393181
LONG.: W 104.1221083
660' FNL 110' FEL

LEASE NAME & WELL NO.: TRAVIS STATE 120H

SECTION 24 TWP 18-S RGE 28-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM
DESCRIPTION 2473' FNL & 268' FEL

DISTANCE & DIRECTION
FROM INT. OF US-82 E. & NM-360 S, GO SOUTH ON NM-360 S ±5.5 MILES, THENCE SOUTHWEST (RIGHT) ON HANGERMAN RD/ HANGERMAN CUTOFF RD ±1.9 MILES, THENCE NORTH (RIGHT) ON A LEASE RD ±1000 FEET TO A POINT ±505 FEET NORTHWEST 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 6/18/25 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
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

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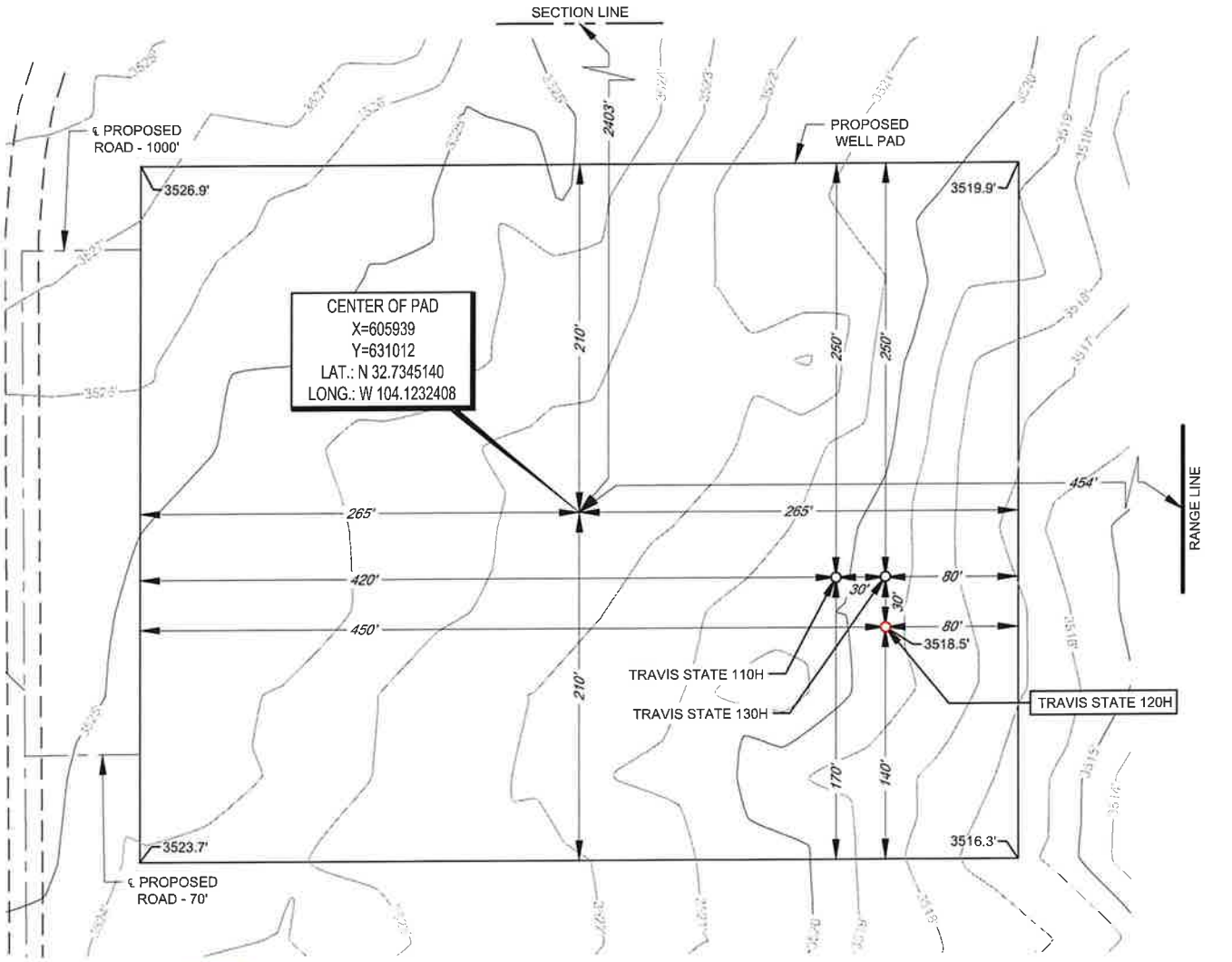
LEGEND

TOWNSHIP/RANGE LINE
SECTION LINE
PROPOSED ROAD
ROAD WAY

Matador PRODUCTION COMPANY

SECTION 24, TOWNSHIP 18-S, RANGE 28-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: TRAVIS STATE 120H

120H LATITUDE N 32.7343285 120H LONGITUDE W 104.1226360

CENTER OF PAD IS 2403' FNL & 454' FEL

ANGEL M. BAEZA
NEW MEXICO
25116
6/18/25
PROFESSIONAL SURVEYOR

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

SCALE: 1" = 100'

0' 50' 100'

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. ELEVATIONS USED ARE NAVD88, OBTAINED THROUGH AN OPUS SOLUTION.

THIS PROPOSED PAD SITE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. ONLY THE DATA SHOWN ABOVE IS BEING CERTIFIED TO, ALL OTHER INFORMATION WAS INTENTIONALLY OMITTED. THIS PLAT IS ONLY INTENDED TO BE USED FOR A PERMIT AND IS NOT A BOUNDARY SURVEY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ORIGINAL DOCUMENT SIZE: 8.5" X 11"

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

S:\SURVEY\MATADOR_RESOURCES\TRAVIS_24-18S-28E\FINAL_PRODUCTS\LO_TRAVIS_STATE_120H.DWG 6/18/2025 11:32:46 AM garret.harris

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

Form APD Conditions

Permit 393912

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	30-015-56980
	Well: TRAVIS STATE #120H

OCD Reviewer	Condition
jeffrey.harrison	Notify the OCD 24 hours prior to casing & cement.
jeffrey.harrison	A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.
jeffrey.harrison	File As Drilled C-102 and a directional Survey with C-104 completion packet.
jeffrey.harrison	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.
jeffrey.harrison	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.
jeffrey.harrison	Cement is required to circulate on both surface and intermediate1 strings of casing.
jeffrey.harrison	If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing.

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:** 7/1/2025

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
Travis State 130H	TBD	UL-H 24-18S-28E	2443' FNL 269' FEL	900	1300	1500
Travis State 120H	TBD	UL-H 24-18S-28E	2473' FNL 268' FEL	900	1300	1500

IV. Central Delivery Point Name: Travis TB [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
Travis State 130H	TBD	04/06/2026	04/26/2026	06/17/2026	07/16/2026	07/18/2026
Travis State 120H	TBD	03/17/2026	04/06/2026	06/17/2026	07/16/2026	07/18/2026

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: Mark Gonzales
Title: Facilities Engineer
E-mail Address: mark.gonzales@matadorresources.com
Date: 7/1/2025
Phone: (915) 240-3468
OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

Addendum to Natural Gas Management Plan for Matador's

Travis State 120H and 130H

VI. Separation Equipment

Flow from the wells 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 can be seen in the below table. 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
Travis State 130H	900	1300	1500
Travis State 120H	900	1300	1500

VII. Operation Practices

Although not a complete recitation of all our efforts to comply with a 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.

VIII. 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

Well Name: **Travis State 120H**

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)
										Option to drill surface hole with surface setting rig
SURF	FRESH WTR	17.5	13.375	J-55	54.50	400	0	472	0	Option to cement surface casing offline
INT 1	Diesel Brine Emulsion	9.875	7.625	P-110	29.70	6845	0	1478	0	Option to run DV tool and Packer.
PROD	OBM	6.75	5.5	P-110	20.00	18001	0	1041	6645	

Matador Production Company

Ranger/Arrowhead
Travis
Travis State #120H

Wellbore #1
State Plan #1

Anticollision Summary Report

02 July, 2025

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Travis State #120H
Project:	Ranger/Arrowhead	**TVD Reference:**	KB @ 3547.5usft
Reference Site:	Travis	**MD Reference:**	KB @ 3547.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Travis State #120H	**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** 7/2/2025

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	18,000.5	State Plan #1 (Wellbore #1)	MWD	OWSG MWD - Standard

Summary

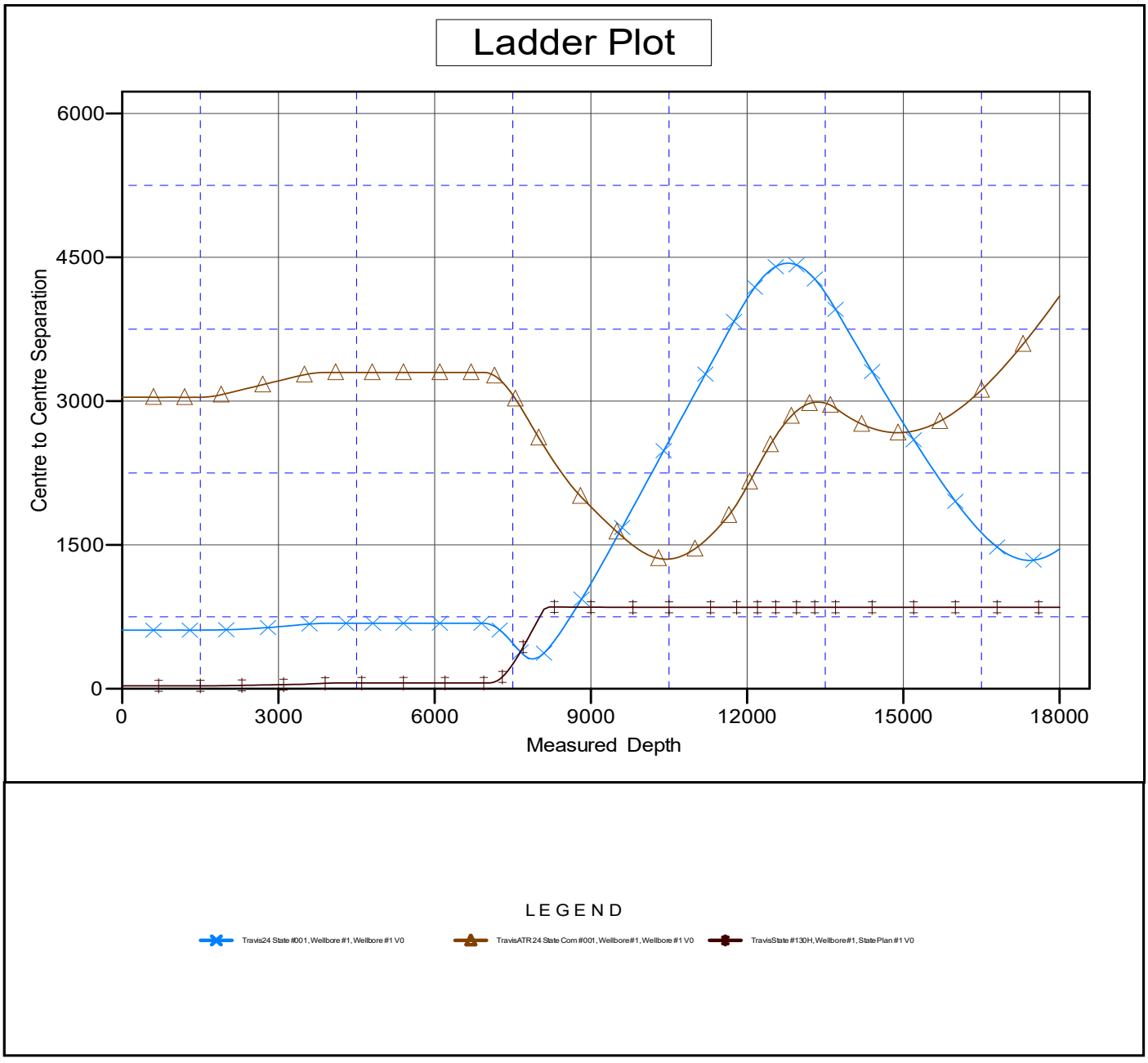
Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Arrowhead Wells						
Travis 24 State #001 - Wellbore #1 - Wellbore #1	7,883.9	7,478.7	310.6	116.5	1.600	CC, ES, SF
Travis ATR 24 State Com #001 - Wellbore #1 - Wellbore	10,447.3	7,447.3	1,351.4	1,106.2	5.510	CC, ES
Travis ATR 24 State Com #001 - Wellbore #1 - Wellbore	10,500.0	7,447.3	1,352.5	1,106.4	5.496	SF
Travis						
Travis State #130H - Wellbore #1 - State Plan #1	1,500.0	1,500.0	30.0	19.7	2.916	CC
Travis State #130H - Wellbore #1 - State Plan #1	7,000.0	7,001.3	60.2	10.2	1.204	Level 2, ES, SF

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Travis State #120H
Project:	Ranger/Arrowhead	**TVD Reference:**	KB @ 3547.5usft
Reference Site:	Travis	**MD Reference:**	KB @ 3547.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Travis State #120H	**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 @ 3547.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Travis State #120H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.11°

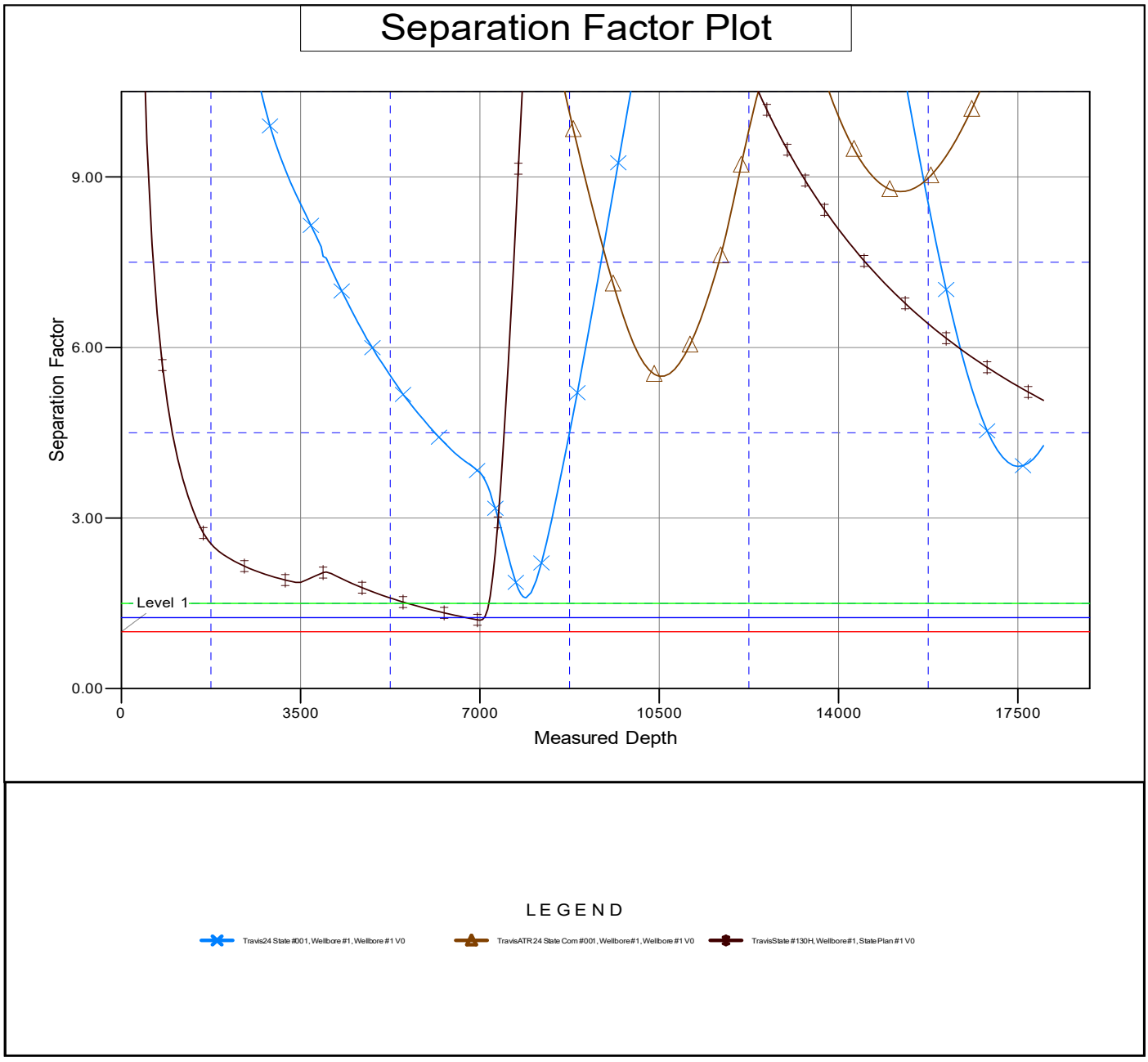


Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Travis State #120H
Project:	Ranger/Arrowhead	**TVD Reference:**	KB @ 3547.5usft
Reference Site:	Travis	**MD Reference:**	KB @ 3547.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Travis State #120H	**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 @ 3547.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Travis State #120H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.11°



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

Matador Production Company

Ranger/Arrowhead
Travis
Travis State #120H

Wellbore #1

Plan: State Plan #1

Standard Planning Report

02 July, 2025

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Travis State #120H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3547.5usft
Project:	Ranger/Arrowhead	**MD Reference:**	KB @ 3547.5usft
Site:	Travis	**North Reference:**	Grid
Well:	Travis State #120H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Project Ranger/Arrowhead

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 Travis

Site Position:		**Northing:**	630,882.22 usft	**Latitude:**	32° 44' 3.165 N
From:	Lat/Long	**Easting:**	564,946.96 usft	**Longitude:**	104° 7' 19.644 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.11 °

Well Travis State #120H

Well Position	**+N/-S**	0.0 usft	**Northing:**	630,882.22 usft	**Latitude:**	32° 44' 3.165 N
	+E/-W	0.0 usft	**Easting:**	564,946.96 usft	**Longitude:**	104° 7' 19.644 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,519.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/31/2019	6.98	60.41	47,918.62220079

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	269.06

Plan Survey Tool Program **Date** 7/2/2025

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	18,000.5	State Plan #1 (Wellbore #1)	MWD	
				OWSG MWD - Standard	

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Travis State #120H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3547.5usft
Project:	Ranger/Arrowhead	**MD Reference:**	KB @ 3547.5usft
Site:	Travis	**North Reference:**	Grid
Well:	Travis State #120H	**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	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,900.0	8.00	52.68	1,898.7	16.9	22.2	2.00	2.00	0.00	52.68	
3,404.7	8.00	52.68	3,388.8	143.9	188.7	0.00	0.00	0.00	0.00	
3,938.0	0.00	0.00	3,920.4	166.4	218.3	1.50	-1.50	0.00	180.00	
6,944.7	0.00	0.00	6,927.0	166.4	218.3	0.00	0.00	0.00	0.00	KOP - Travis State #1
7,844.7	90.00	269.06	7,500.0	157.0	-354.6	10.00	10.00	0.00	269.06	
8,822.2	90.00	288.61	7,500.0	306.4	-1,315.8	2.00	0.00	2.00	90.00	
9,799.6	90.00	269.06	7,500.0	455.8	-2,277.0	2.00	0.00	-2.00	-90.00	
11,642.1	90.00	269.06	7,500.0	425.6	-4,119.2	0.00	0.00	0.00	0.00	DP1 - Travis State #1
13,129.7	90.00	39.37	7,500.0	1,494.5	-4,635.6	8.76	0.00	8.76	90.00	
13,725.5	90.00	89.06	7,500.0	1,745.6	-4,115.8	8.34	0.00	8.34	90.00	DP2 - Travis State #1
18,000.5	90.00	89.06	7,500.0	1,815.6	158.7	0.00	0.00	0.00	0.00	BHL - Travis State #1

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Travis State #120H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3547.5usft
Project:	Ranger/Arrowhead	**MD Reference:**	KB @ 3547.5usft
Site:	Travis	**North Reference:**	Grid
Well:	Travis State #120H	**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	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
708.0	0.00	0.00	708.0	0.0	0.0	0.0	0.00	0.00	0.00
G30:CS14-CSB (Lamar/Tansil)									
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
963.0	0.00	0.00	963.0	0.0	0.0	0.0	0.00	0.00	0.00
G25.3: Yates (CS13-CSB)									
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
1,600.0	2.00	52.68	1,600.0	1.1	1.4	-1.4	2.00	2.00	0.00
1,700.0	4.00	52.68	1,699.8	4.2	5.5	-5.6	2.00	2.00	0.00
1,800.0	6.00	52.68	1,799.5	9.5	12.5	-12.6	2.00	2.00	0.00
1,878.1	7.56	52.68	1,877.0	15.1	19.8	-20.1	2.00	2.00	0.00
G14.3 Queen Fm. (CS11-CSB)									
1,900.0	8.00	52.68	1,898.7	16.9	22.2	-22.4	2.00	2.00	0.00
Start 1504.7 hold at 1900.0 MD									
2,000.0	8.00	52.68	1,997.7	25.3	33.2	-33.6	0.00	0.00	0.00
2,100.0	8.00	52.68	2,096.8	33.8	44.3	-44.9	0.00	0.00	0.00
2,200.0	8.00	52.68	2,195.8	42.2	55.4	-56.1	0.00	0.00	0.00
2,270.9	8.00	52.68	2,266.0	48.2	63.2	-64.0	0.00	0.00	0.00
G12.3: Grayburg Fm. (CS11-TSS)									
2,300.0	8.00	52.68	2,294.8	50.7	66.4	-67.3	0.00	0.00	0.00
2,400.0	8.00	52.68	2,393.8	59.1	77.5	-78.5	0.00	0.00	0.00
2,500.0	8.00	52.68	2,492.9	67.5	88.6	-89.7	0.00	0.00	0.00
2,600.0	8.00	52.68	2,591.9	76.0	99.6	-100.9	0.00	0.00	0.00
2,673.8	8.00	52.68	2,665.0	82.2	107.8	-109.1	0.00	0.00	0.00
L8.3: San Andres (CS9-MFS)									
2,700.0	8.00	52.68	2,690.9	84.4	110.7	-112.1	0.00	0.00	0.00
2,800.0	8.00	52.68	2,789.9	92.8	121.8	-123.3	0.00	0.00	0.00
2,900.0	8.00	52.68	2,889.0	101.3	132.8	-134.5	0.00	0.00	0.00
3,000.0	8.00	52.68	2,988.0	109.7	143.9	-145.7	0.00	0.00	0.00
3,100.0	8.00	52.68	3,087.0	118.2	155.0	-156.9	0.00	0.00	0.00
3,200.0	8.00	52.68	3,186.1	126.6	166.0	-168.1	0.00	0.00	0.00
3,300.0	8.00	52.68	3,285.1	135.0	177.1	-179.3	0.00	0.00	0.00
3,400.0	8.00	52.68	3,384.1	143.5	188.2	-190.5	0.00	0.00	0.00
3,404.7	8.00	52.68	3,388.8	143.9	188.7	-191.0	0.00	0.00	0.00
Start Drop -1.50									
3,500.0	6.57	52.68	3,483.3	151.2	198.3	-200.8	1.50	-1.50	0.00
3,600.0	5.07	52.68	3,582.8	157.4	206.4	-208.9	1.50	-1.50	0.00
3,700.0	3.57	52.68	3,682.5	161.9	212.4	-215.0	1.50	-1.50	0.00
3,800.0	2.07	52.68	3,782.4	164.9	216.3	-219.0	1.50	-1.50	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Travis State #120H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3547.5usft
Project:	Ranger/Arrowhead	**MD Reference:**	KB @ 3547.5usft
Site:	Travis	**North Reference:**	Grid
Well:	Travis State #120H	**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)
3,900.0	0.57	52.68	3,882.3	166.3	218.1	-220.8	1.50	-1.50	0.00
3,938.0	0.00	0.00	3,920.4	166.4	218.3	-221.0	1.50	-1.50	0.00
Start 3006.6 hold at 3938.0 MD									
4,000.0	0.00	0.00	3,982.3	166.4	218.3	-221.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,082.3	166.4	218.3	-221.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,182.3	166.4	218.3	-221.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,282.3	166.4	218.3	-221.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,382.3	166.4	218.3	-221.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,482.3	166.4	218.3	-221.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,582.3	166.4	218.3	-221.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,682.3	166.4	218.3	-221.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,782.3	166.4	218.3	-221.0	0.00	0.00	0.00
4,800.7	0.00	0.00	4,783.0	166.4	218.3	-221.0	0.00	0.00	0.00
G4: BSGL (CS9)									
4,900.0	0.00	0.00	4,882.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,000.0	0.00	0.00	4,982.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,082.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,182.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,282.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,382.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,482.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,582.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,682.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,782.3	166.4	218.3	-221.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,882.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,000.0	0.00	0.00	5,982.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,082.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,182.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,282.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,382.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,454.7	0.00	0.00	6,437.0	166.4	218.3	-221.0	0.00	0.00	0.00
L5.1: FBSG									
6,500.0	0.00	0.00	6,482.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,582.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,636.7	0.00	0.00	6,619.0	166.4	218.3	-221.0	0.00	0.00	0.00
L4.3: SBSC									
6,700.0	0.00	0.00	6,682.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,782.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,882.3	166.4	218.3	-221.0	0.00	0.00	0.00
6,944.7	0.00	0.00	6,927.0	166.4	218.3	-221.0	0.00	0.00	0.00
Start Build 10.00 - KOP - Travis State #120H									
7,000.0	5.53	269.06	6,982.2	166.4	215.6	-218.3	10.00	10.00	0.00
7,100.0	15.53	269.06	7,080.4	166.1	197.3	-200.0	10.00	10.00	0.00
7,184.0	23.94	269.06	7,159.5	165.6	169.0	-171.7	10.00	10.00	0.00
FPP - Travis State #120H									
7,200.0	25.53	269.06	7,174.0	165.5	162.3	-165.0	10.00	10.00	0.00
7,243.0	29.83	269.06	7,212.0	165.2	142.4	-145.1	10.00	10.00	0.00
L4.1: SBSG									
7,300.0	35.53	269.06	7,260.0	164.7	111.6	-114.3	10.00	10.00	0.00
7,400.0	45.53	269.06	7,335.9	163.6	46.7	-49.4	10.00	10.00	0.00
7,500.0	55.53	269.06	7,399.4	162.3	-30.4	27.7	10.00	10.00	0.00
7,600.0	65.53	269.06	7,448.5	160.9	-117.3	114.7	10.00	10.00	0.00
7,700.0	75.53	269.06	7,481.8	159.4	-211.5	208.9	10.00	10.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Travis State #120H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3547.5usft
Project:	Ranger/Arrowhead	**MD Reference:**	KB @ 3547.5usft
Site:	Travis	**North Reference:**	Grid
Well:	Travis State #120H	**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)
7,800.0	85.53	269.06	7,498.2	157.7	-310.0	307.4	10.00	10.00	0.00
7,844.7	90.00	269.06	7,500.0	157.0	-354.6	352.0	10.00	10.00	0.00
Start DLS 2.00 TFO 90.00									
7,900.0	90.00	270.17	7,500.0	156.6	-409.9	407.3	2.00	0.00	2.00
8,000.0	90.00	272.17	7,500.0	158.7	-509.9	507.2	2.00	0.00	2.00
8,100.0	90.00	274.17	7,500.0	164.2	-609.8	607.0	2.00	0.00	2.00
8,200.0	90.00	276.17	7,500.0	173.2	-709.3	706.4	2.00	0.00	2.00
8,300.0	90.00	278.17	7,500.0	185.7	-808.6	805.4	2.00	0.00	2.00
8,400.0	90.00	280.17	7,500.0	201.6	-907.3	903.8	2.00	0.00	2.00
8,500.0	90.00	282.17	7,500.0	221.0	-1,005.4	1,001.6	2.00	0.00	2.00
8,600.0	90.00	284.17	7,500.0	243.8	-1,102.7	1,098.6	2.00	0.00	2.00
8,700.0	90.00	286.17	7,500.0	269.9	-1,199.3	1,194.7	2.00	0.00	2.00
8,800.0	90.00	288.17	7,500.0	299.4	-1,294.8	1,289.7	2.00	0.00	2.00
8,822.2	90.00	288.61	7,500.0	306.4	-1,315.8	1,310.6	2.00	0.00	2.00
Start DLS 2.00 TFO -90.00									
8,900.0	90.00	287.05	7,500.0	330.3	-1,389.9	1,384.3	2.00	0.00	-2.00
9,000.0	90.00	285.05	7,500.0	357.9	-1,486.0	1,480.0	2.00	0.00	-2.00
9,100.0	90.00	283.05	7,500.0	382.2	-1,583.0	1,576.5	2.00	0.00	-2.00
9,200.0	90.00	281.05	7,500.0	403.1	-1,680.8	1,674.0	2.00	0.00	-2.00
9,300.0	90.00	279.05	7,500.0	420.5	-1,779.3	1,772.1	2.00	0.00	-2.00
9,400.0	90.00	277.05	7,500.0	434.5	-1,878.3	1,870.9	2.00	0.00	-2.00
9,500.0	90.00	275.05	7,500.0	445.1	-1,977.7	1,970.2	2.00	0.00	-2.00
9,600.0	90.00	273.05	7,500.0	452.1	-2,077.5	2,069.8	2.00	0.00	-2.00
9,700.0	90.00	271.05	7,500.0	455.7	-2,177.4	2,169.6	2.00	0.00	-2.00
9,799.6	90.00	269.06	7,500.0	455.8	-2,277.0	2,269.3	2.00	0.00	-2.00
Start 1842.4 hold at 9799.6 MD									
9,800.0	90.00	269.06	7,500.0	455.8	-2,277.4	2,269.6	0.00	0.00	0.00
9,900.0	90.00	269.06	7,500.0	454.2	-2,377.4	2,369.6	0.00	0.00	0.00
10,000.0	90.00	269.06	7,500.0	452.5	-2,477.4	2,469.6	0.00	0.00	0.00
10,100.0	90.00	269.06	7,500.0	450.9	-2,577.4	2,569.6	0.00	0.00	0.00
10,200.0	90.00	269.06	7,500.0	449.3	-2,677.3	2,669.6	0.00	0.00	0.00
10,300.0	90.00	269.06	7,500.0	447.6	-2,777.3	2,769.6	0.00	0.00	0.00
10,400.0	90.00	269.06	7,500.0	446.0	-2,877.3	2,869.6	0.00	0.00	0.00
10,500.0	90.00	269.06	7,500.0	444.3	-2,977.3	2,969.6	0.00	0.00	0.00
10,600.0	90.00	269.06	7,500.0	442.7	-3,077.3	3,069.6	0.00	0.00	0.00
10,700.0	90.00	269.06	7,500.0	441.1	-3,177.3	3,169.6	0.00	0.00	0.00
10,800.0	90.00	269.06	7,500.0	439.4	-3,277.3	3,269.6	0.00	0.00	0.00
10,900.0	90.00	269.06	7,500.0	437.8	-3,377.2	3,369.6	0.00	0.00	0.00
11,000.0	90.00	269.06	7,500.0	436.1	-3,477.2	3,469.6	0.00	0.00	0.00
11,100.0	90.00	269.06	7,500.0	434.5	-3,577.2	3,569.6	0.00	0.00	0.00
11,200.0	90.00	269.06	7,500.0	432.9	-3,677.2	3,669.6	0.00	0.00	0.00
11,300.0	90.00	269.06	7,500.0	431.2	-3,777.2	3,769.6	0.00	0.00	0.00
11,400.0	90.00	269.06	7,500.0	429.6	-3,877.2	3,869.6	0.00	0.00	0.00
11,500.0	90.00	269.06	7,500.0	427.9	-3,977.2	3,969.6	0.00	0.00	0.00
11,600.0	90.00	269.06	7,500.0	426.3	-4,077.1	4,069.6	0.00	0.00	0.00
11,642.1	90.00	269.06	7,500.0	425.6	-4,119.2	4,111.7	0.00	0.00	0.00
Start DLS 8.76 TFO 90.00 - DP1 - Travis State #120H									
11,700.0	90.00	274.13	7,500.0	427.2	-4,177.1	4,169.5	8.76	0.00	8.76
11,800.0	90.00	282.89	7,500.0	442.0	-4,275.9	4,268.1	8.76	0.00	8.76
11,900.0	90.00	291.65	7,500.0	471.7	-4,371.3	4,363.0	8.76	0.00	8.76
12,000.0	90.00	300.41	7,500.0	515.5	-4,461.1	4,452.0	8.76	0.00	8.76
12,100.0	90.00	309.17	7,500.0	572.5	-4,543.1	4,533.1	8.76	0.00	8.76
12,200.0	90.00	317.93	7,500.0	641.4	-4,615.5	4,604.4	8.76	0.00	8.76

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Travis State #120H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3547.5usft
Project:	Ranger/Arrowhead	**MD Reference:**	KB @ 3547.5usft
Site:	Travis	**North Reference:**	Grid
Well:	Travis State #120H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,214.3	90.00	319.19	7,500.0	652.1	-4,625.0	4,613.7	8.76	0.00	8.76
NPZ1 - Travis State #120H									
12,300.0	90.00	326.69	7,500.0	720.4	-4,676.6	4,664.1	8.76	0.00	8.76
12,400.0	90.00	335.45	7,500.0	807.9	-4,724.9	4,711.0	8.76	0.00	8.76
12,500.0	90.00	344.21	7,500.0	901.6	-4,759.4	4,743.9	8.76	0.00	8.76
12,600.0	90.00	352.97	7,500.0	999.6	-4,779.1	4,762.1	8.76	0.00	8.76
12,687.7	90.00	0.65	7,500.0	1,087.1	-4,784.0	4,765.5	8.76	0.00	8.76
Apex - Travis State #120H									
12,700.0	90.00	1.73	7,500.0	1,099.4	-4,783.7	4,765.1	8.76	0.00	8.76
12,800.0	90.00	10.49	7,500.0	1,198.7	-4,773.1	4,752.8	8.76	0.00	8.76
12,900.0	90.00	19.25	7,500.0	1,295.3	-4,747.5	4,725.6	8.76	0.00	8.76
13,000.0	90.00	28.01	7,500.0	1,386.8	-4,707.4	4,684.0	8.76	0.00	8.76
13,100.0	90.00	36.77	7,500.0	1,471.1	-4,653.9	4,629.1	8.76	0.00	8.76
13,129.7	90.00	39.37	7,500.0	1,494.5	-4,635.6	4,610.4	8.76	0.00	8.76
Start DLS 8.34 TFO 90.00									
13,149.2	90.00	41.00	7,500.0	1,509.4	-4,623.0	4,597.6	8.34	0.00	8.34
NPZ2 - Travis State #120H									
13,200.0	90.00	45.24	7,500.0	1,546.5	-4,588.3	4,562.3	8.34	0.00	8.34
13,300.0	90.00	53.58	7,500.0	1,611.5	-4,512.4	4,485.4	8.34	0.00	8.34
13,400.0	90.00	61.92	7,500.0	1,664.8	-4,427.9	4,400.0	8.34	0.00	8.34
13,500.0	90.00	70.26	7,500.0	1,705.3	-4,336.6	4,308.0	8.34	0.00	8.34
13,600.0	90.00	78.60	7,500.0	1,732.1	-4,240.3	4,211.3	8.34	0.00	8.34
13,700.0	90.00	86.94	7,500.0	1,744.7	-4,141.2	4,112.0	8.34	0.00	8.34
13,725.5	90.00	89.06	7,500.0	1,745.6	-4,115.8	4,086.6	8.34	0.00	8.34
Start 4275.0 hold at 13725.5 MD - DP2 - Travis State #120H									
13,800.0	90.00	89.06	7,500.0	1,746.8	-4,041.2	4,012.0	0.00	0.00	0.00
13,900.0	90.00	89.06	7,500.0	1,748.5	-3,941.3	3,912.0	0.00	0.00	0.00
14,000.0	90.00	89.06	7,500.0	1,750.1	-3,841.3	3,812.0	0.00	0.00	0.00
14,100.0	90.00	89.06	7,500.0	1,751.7	-3,741.3	3,712.0	0.00	0.00	0.00
14,200.0	90.00	89.06	7,500.0	1,753.4	-3,641.3	3,612.0	0.00	0.00	0.00
14,300.0	90.00	89.06	7,500.0	1,755.0	-3,541.3	3,512.0	0.00	0.00	0.00
14,400.0	90.00	89.06	7,500.0	1,756.6	-3,441.3	3,412.0	0.00	0.00	0.00
14,500.0	90.00	89.06	7,500.0	1,758.3	-3,341.3	3,312.0	0.00	0.00	0.00
14,600.0	90.00	89.06	7,500.0	1,759.9	-3,241.3	3,212.0	0.00	0.00	0.00
14,700.0	90.00	89.06	7,500.0	1,761.5	-3,141.4	3,112.0	0.00	0.00	0.00
14,800.0	90.00	89.06	7,500.0	1,763.2	-3,041.4	3,012.0	0.00	0.00	0.00
14,900.0	90.00	89.06	7,500.0	1,764.8	-2,941.4	2,912.0	0.00	0.00	0.00
15,000.0	90.00	89.06	7,500.0	1,766.5	-2,841.4	2,812.0	0.00	0.00	0.00
15,100.0	90.00	89.06	7,500.0	1,768.1	-2,741.4	2,712.0	0.00	0.00	0.00
15,200.0	90.00	89.06	7,500.0	1,769.7	-2,641.4	2,612.0	0.00	0.00	0.00
15,300.0	90.00	89.06	7,500.0	1,771.4	-2,541.4	2,512.0	0.00	0.00	0.00
15,400.0	90.00	89.06	7,500.0	1,773.0	-2,441.5	2,412.0	0.00	0.00	0.00
15,500.0	90.00	89.06	7,500.0	1,774.6	-2,341.5	2,312.0	0.00	0.00	0.00
15,600.0	90.00	89.06	7,500.0	1,776.3	-2,241.5	2,212.0	0.00	0.00	0.00
15,700.0	90.00	89.06	7,500.0	1,777.9	-2,141.5	2,112.0	0.00	0.00	0.00
15,800.0	90.00	89.06	7,500.0	1,779.6	-2,041.5	2,012.0	0.00	0.00	0.00
15,900.0	90.00	89.06	7,500.0	1,781.2	-1,941.5	1,912.0	0.00	0.00	0.00
16,000.0	90.00	89.06	7,500.0	1,782.8	-1,841.5	1,812.0	0.00	0.00	0.00
16,100.0	90.00	89.06	7,500.0	1,784.5	-1,741.5	1,712.0	0.00	0.00	0.00
16,200.0	90.00	89.06	7,500.0	1,786.1	-1,641.6	1,612.0	0.00	0.00	0.00
16,300.0	90.00	89.06	7,500.0	1,787.7	-1,541.6	1,512.0	0.00	0.00	0.00
16,400.0	90.00	89.06	7,500.0	1,789.4	-1,441.6	1,412.0	0.00	0.00	0.00
16,500.0	90.00	89.06	7,500.0	1,791.0	-1,341.6	1,312.0	0.00	0.00	0.00
16,600.0	90.00	89.06	7,500.0	1,792.7	-1,241.6	1,212.0	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Travis State #120H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3547.5usft
Project:	Ranger/Arrowhead	**MD Reference:**	KB @ 3547.5usft
Site:	Travis	**North Reference:**	Grid
Well:	Travis State #120H	**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)
16,700.0	90.00	89.06	7,500.0	1,794.3	-1,141.6	1,112.0	0.00	0.00	0.00
16,800.0	90.00	89.06	7,500.0	1,795.9	-1,041.6	1,012.0	0.00	0.00	0.00
16,900.0	90.00	89.06	7,500.0	1,797.6	-941.7	912.0	0.00	0.00	0.00
17,000.0	90.00	89.06	7,500.0	1,799.2	-841.7	812.0	0.00	0.00	0.00
17,100.0	90.00	89.06	7,500.0	1,800.8	-741.7	712.0	0.00	0.00	0.00
17,200.0	90.00	89.06	7,500.0	1,802.5	-641.7	612.0	0.00	0.00	0.00
17,300.0	90.00	89.06	7,500.0	1,804.1	-541.7	512.0	0.00	0.00	0.00
17,400.0	90.00	89.06	7,500.0	1,805.7	-441.7	412.0	0.00	0.00	0.00
17,500.0	90.00	89.06	7,500.0	1,807.4	-341.7	312.0	0.00	0.00	0.00
17,600.0	90.00	89.06	7,500.0	1,809.0	-241.7	212.0	0.00	0.00	0.00
17,700.0	90.00	89.06	7,500.0	1,810.7	-141.8	112.0	0.00	0.00	0.00
17,800.0	90.00	89.06	7,500.0	1,812.3	-41.8	12.0	0.00	0.00	0.00
17,900.0	90.00	89.06	7,500.0	1,813.9	58.2	-88.0	0.00	0.00	0.00
18,000.0	90.00	89.06	7,500.0	1,815.6	158.2	-188.0	0.00	0.00	0.00
18,000.5	90.00	89.06	7,500.0	1,815.6	158.7	-188.4	0.00	0.00	0.00
TD at 18000.5 - BHL - Travis State #120H									

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 - Travis State #120 - plan hits target center - Point	0.00	0.00	6,927.0	166.4	218.3	631,048.63	565,165.22	32° 44' 4.808 N	104° 7' 17.085 W
FPP - Travis State #120I - plan hits target center - Point	0.00	0.00	7,159.4	165.6	169.0	631,047.83	565,115.96	32° 44' 4.801 N	104° 7' 17.662 W
Apex - Travis State #12(- plan misses target center by 6.5usft at 12688.1usft MD (7500.0 TVD, 1087.5 N, -4784.0 E) - Point	0.00	0.00	7,500.0	1,087.3	-4,777.5	631,969.56	560,169.46	32° 44' 14.016 N	104° 8' 15.552 W
NPZ2 - Travis State #12 - plan hits target center - Point	0.00	0.00	7,500.0	1,509.4	-4,623.0	632,391.62	560,323.96	32° 44' 18.190 N	104° 8' 13.734 W
DP2 - Travis State #120I - plan hits target center - Point	0.00	0.00	7,500.0	1,745.6	-4,115.8	632,627.81	560,831.18	32° 44' 20.517 N	104° 8' 7.790 W
BHL - Travis State #120I - plan hits target center - Point	0.00	0.00	7,500.0	1,815.6	158.7	632,697.80	565,105.63	32° 44' 21.128 N	104° 7' 17.744 W
DP1 - Travis State #120I - plan hits target center - Point	0.00	0.01	7,500.0	425.6	-4,119.2	631,307.84	560,827.72	32° 44' 7.456 N	104° 8' 7.860 W
NPZ1 - Travis State #12 - plan hits target center - Point	0.00	0.00	7,500.0	652.1	-4,625.0	631,534.33	560,321.96	32° 44' 9.706 N	104° 8' 13.776 W

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Travis State #120H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3547.5usft
Project:	Ranger/Arrowhead	**MD Reference:**	KB @ 3547.5usft
Site:	Travis	**North Reference:**	Grid
Well:	Travis State #120H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	State Plan #1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
708.0	708.0	G30:CS14-CSB (Lamar/Tansil)			
963.0	963.0	G25.3: Yates (CS13-CSB)			
1,878.1	1,877.0	G14.3 Queen Fm. (CS11-CSB)			
2,270.9	2,266.0	G12.3: Grayburg Fm. (CS11-TSS)			
2,673.8	2,665.0	L8.3: San Andres (CS9-MFS)			
4,800.7	4,783.0	G4: BSGL (CS9)			
6,454.7	6,437.0	L5.1: FBSG			
6,636.7	6,619.0	L4.3: SBSC			
7,243.0	7,212.0	L4.1: SBSG			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,500.0	1,500.0	0.0	0.0	Start Build 2.00
1,900.0	1,898.7	16.9	22.2	Start 1504.7 hold at 1900.0 MD
3,404.7	3,388.8	143.9	188.7	Start Drop -1.50
3,938.0	3,920.4	166.4	218.3	Start 3006.6 hold at 3938.0 MD
6,944.7	6,927.0	166.4	218.3	Start Build 10.00
7,844.7	7,500.0	157.0	-354.6	Start DLS 2.00 TFO 90.00
8,822.2	7,500.0	306.4	-1,315.8	Start DLS 2.00 TFO -90.00
9,799.6	7,500.0	455.8	-2,277.0	Start 1842.4 hold at 9799.6 MD
11,642.1	7,500.0	425.6	-4,119.2	Start DLS 8.76 TFO 90.00
13,129.7	7,500.0	1,494.5	-4,635.6	Start DLS 8.34 TFO 90.00
13,725.5	7,500.0	1,745.6	-4,115.8	Start 4275.0 hold at 13725.5 MD
18,000.5	7,500.0	1,815.6	158.7	TD at 18000.5

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