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 375998

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

1. Operator Name and Address	2. OGRID Number
APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	873
	3. API Number 30-015-55765

4. Property Code	5. Property Name	6. Well No.
335857	CAMACHO 25 26 STATE COM	303H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	25	19S	27E		2482	S	750	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
L	26	19S	27E	L	1930	S	50	W	Eddy

9. Pool Information

WINCHESTER; BONE SPRING, WEST	97569

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		State	3470
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	18736	3rd Bone Spring Sand		11/5/2024
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	370	260	0
Int1	12.25	9.625	40	330	901	0
Prod	8.5	5.5	20	18736	1817	8757
Prod	8.75	5.5	20	8757	635	2800

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	
Double Ram	3000	3000	

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 Sorina Flores	Approved By:	Ward Rikala
Title:	Supv of Drilling Services	Title:	Petroleum Specialist Supervisor
Email Address:	sorina.flores@apachecorp.com	Approved Date:	11/19/2024 Expiration Date: 11/19/2026
Date:	11/7/2024 Phone: 432-818-1167	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: ☒ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015 55765	97569	WINCHESTER, BONE SPRING, WEST

Property Code	Property Name	Well Number
335857	CAMACHO 25-26 STATE COM	303H

OGRID No.	Operator Name	Ground Level Elevation
873	APACHE CORPORATION	3470'

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
I	25	19-S	27-E	-	2482' S	750' E	N 32.63077665	W 104.22633412	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
L	26	19-S	27-E	-	1930' S	50' W	N 32.62965793	W 104.25806437	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
319.71	I	30-015-55001	Y	C

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
I	25	19-S	27-E	-	1890' S	50' E	N 32.62910745	W 104.22408039	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
I	25	19-S	27-E	-	1890' S	100' E	N 32.62911011	W 104.22424278	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
L	26	19-S	27-E	-	1930' S	100' W	N 32.62965532	W 104.25790197	EDDY

Unitized Area or Area of Uniform Intrest	Spacing Unity Type	Ground Floor Elevation
-	☒ Horizontal ☐ Vertical	3470'

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.

Sorina L Flores — 11/5/2024

Signature — Date

SORINA L FLORES

Print Name

sorina.flores@apachecorp.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 — 10/4/24 — PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor — Date

Certificate Number

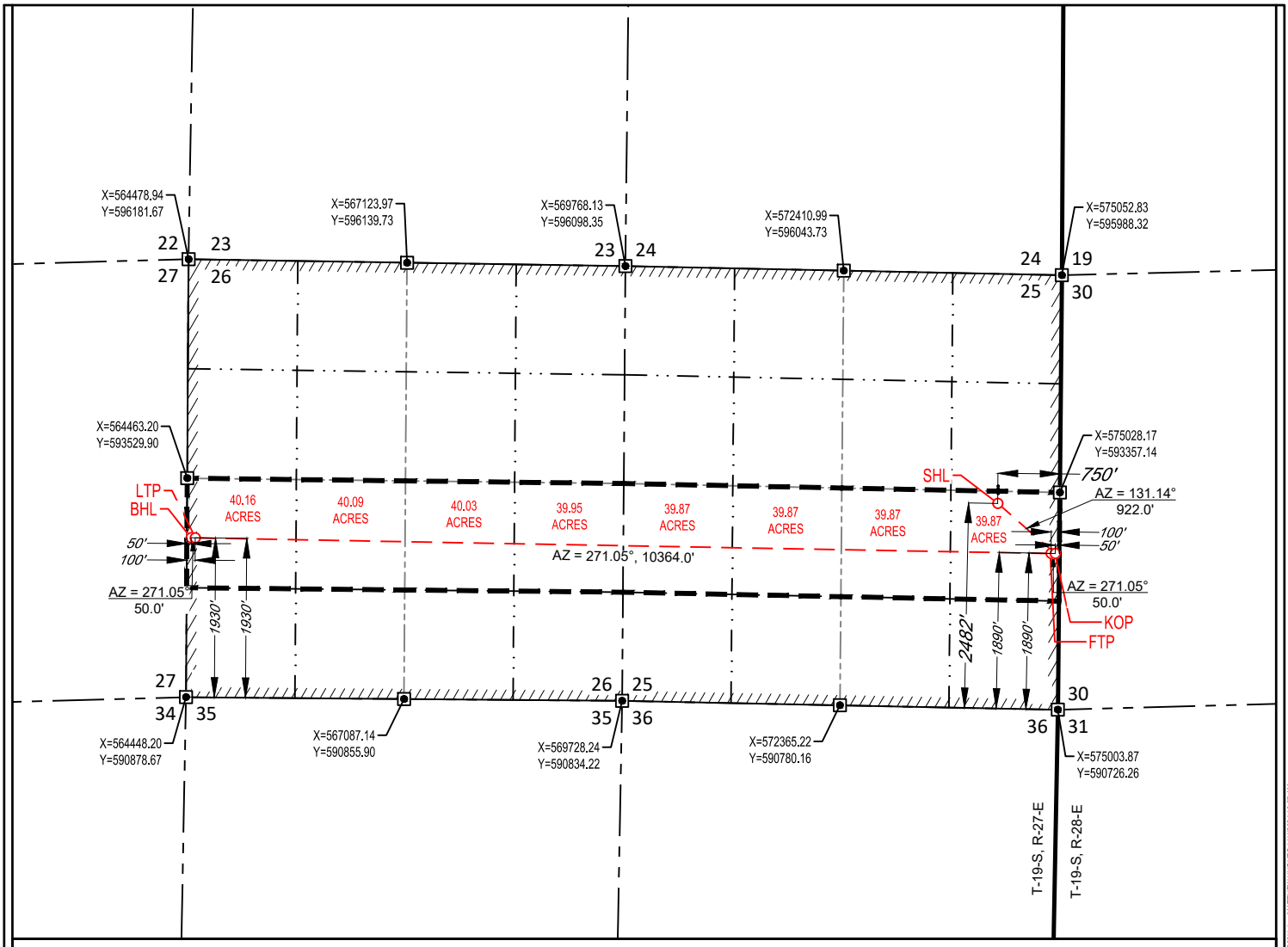
Date of Survey: 09/25/2024

S:\SURVEY\APACHE_CORPORATION\CAMACHO_25-26_STATE_COM_REVISED_C-102\S_SSE_EXHIBITS\FINAL_PRODUCTS\C_CAMACHO_25-26_STATE_COM_303H.dwg MATTHEW HUGHES 11/4/2024 10:37 AM

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

Property Name and Well Number

CAMACHO 25-26 STATE COM 303H



SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=574276.9 Y=593224.0
LAT.: N 32.63077665
LONG.: W 104.22633412
2482' FSL 750' FEL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=574971.3 Y=592617.4
LAT.: N 32.62910745
LONG.: W 104.22408039
1890' FSL 50' FEL

FIRST TAKE POINT (FTP)
NEW MEXICO EAST
NAD 1983
X=574921.3 Y=592618.3
LAT.: N 32.62911011
LONG.: W 104.22424278
1890' FSL 100' FEL

LAST TAKE POINT (LTP)
NEW MEXICO EAST
NAD 1983
X=564559.1 Y=592807.7
LAT.: N 32.62965532
LONG.: W 104.25790197
1930' FSL 100' FWL

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=564509.1 Y=592808.6
LAT.: N 32.62965793
LONG.: W 104.25806437
1930' FSL 50' FWL

SURVEYORS CERTIFICATION

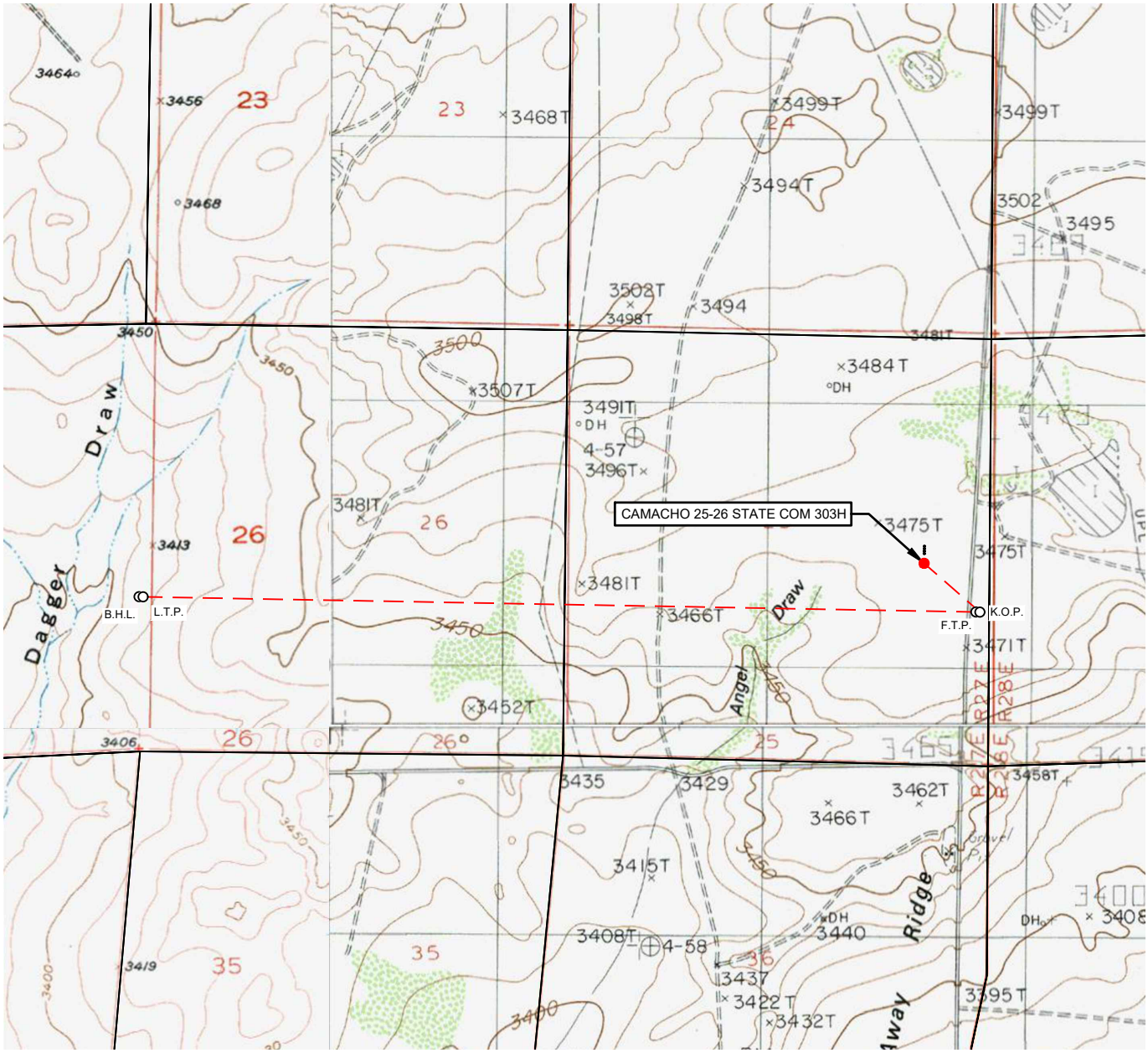
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

09/25/2024
Date of Survey

ANGEL M. BAEZA
NEW MEXICO
25116
11/4/24
PROFESSIONAL SURVEYOR

S:\SURVEY\APACHE_CORPORATION\CAMACHO_25-26_STATE_COM_REVISED_C-102\S_SSE_EXHIBITS\FINAL_PRODUCTS\LO_CAMACHO_25-26_STATE_COM_303H.dwg MATTHEW.HUGHES 11/4/2024 10:37 AM

LOCATION & ELEVATION VERIFICATION MAP



Apache

LEASE NAME & WELL NO.: CAMACHO 25-26 STATE COM 303H

SECTION 25 TWP 19-S RGE 27-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM ELEVATION 3470'
DESCRIPTION 2482' FSL & 750' FEL

LATITUDE N 32.63077665 LONGITUDE W 104.22633412

N

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

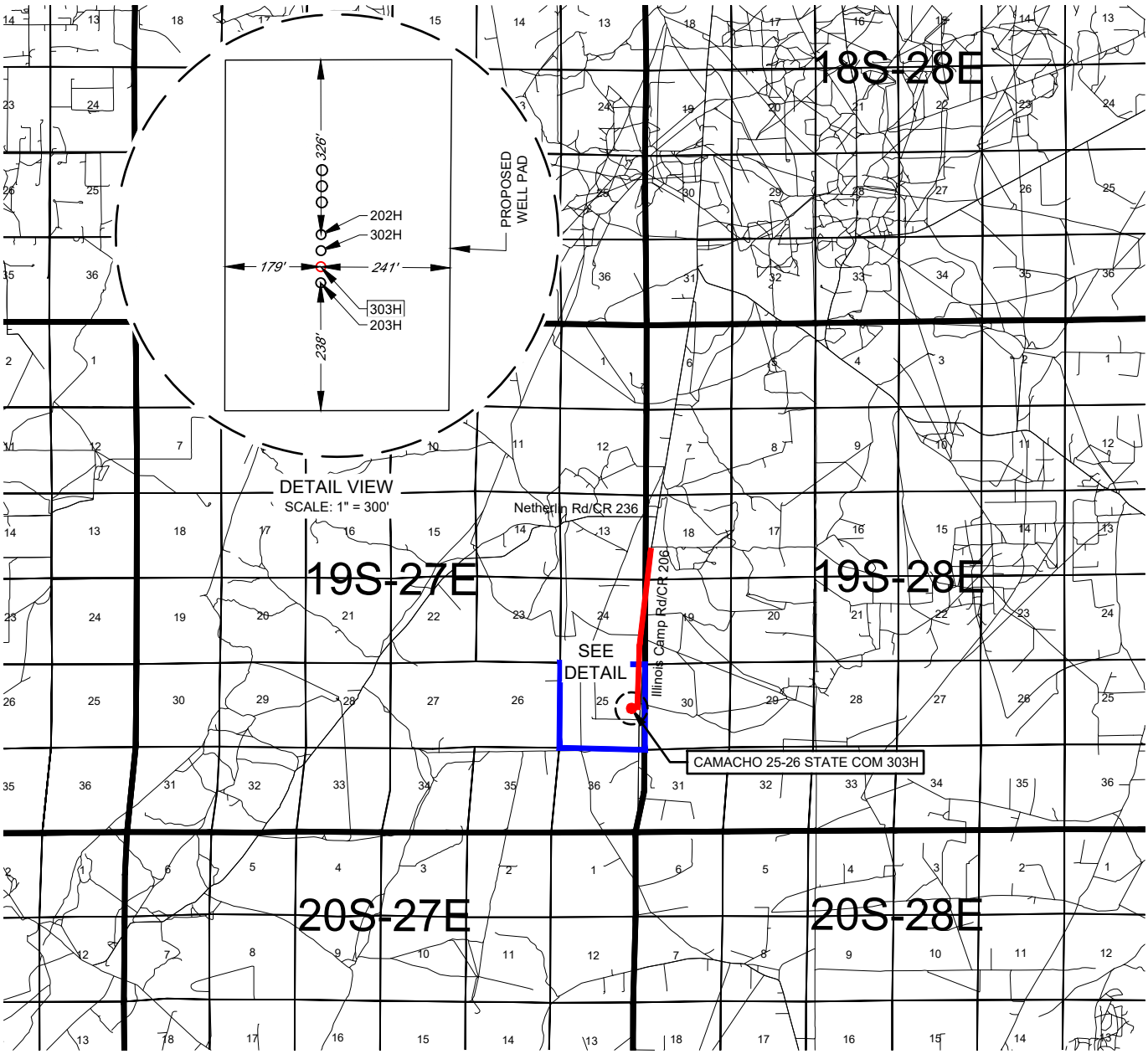
THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY APACHE CORPORATION. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS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

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

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
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

EXHIBIT 2

VICINITY MAP

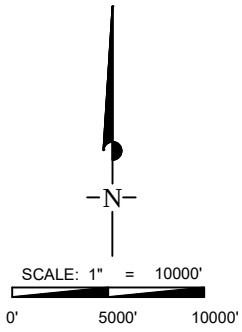


Apache

LEASE NAME & WELL NO.: CAMACHO 25-26 STATE COM 303H

SECTION 25 TWP 19-S RGE 27-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM
DESCRIPTION 2482' FSL & 750' FEL

DISTANCE & DIRECTION
FROM INT. OF NETHERLIN RD/ CR-236, & ILLINOIS CAMP RD/ CR-206, GO SOUTH ON ILLINOIS CAMP RD/ CR-206 ±2.0 MILES TO A POINT ±339 FEET EAST OF THE LOCATION.



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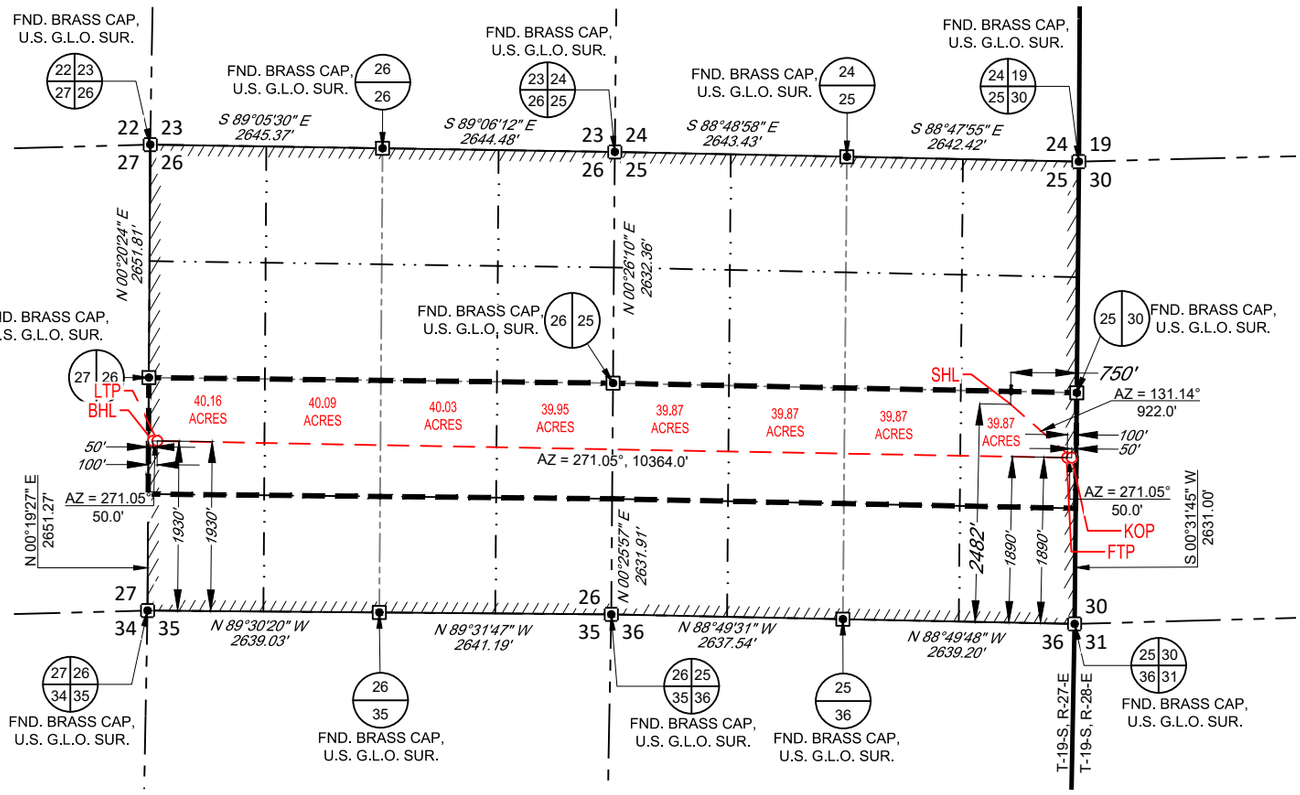
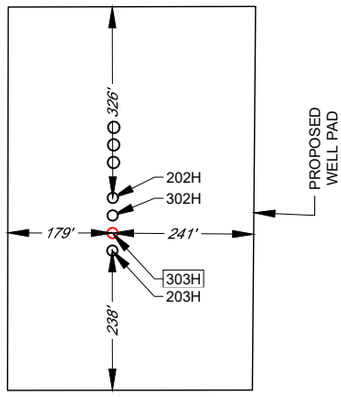
WWW.TOPOGRAPHIC.COM

EXHIBIT 2A

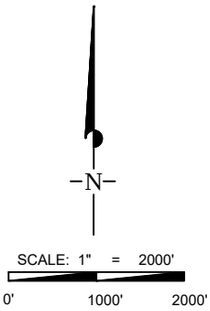
SECTION 25, TOWNSHIP 19-S, RANGE 27-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



SURFACE LOCATION (SHL)	KICK OFF POINT (KOP)	FIRST TAKE POINT (FTP)
NEW MEXICO EAST NAD 1983 X=574276.9 Y=593224.0 LAT.: N 32.63077665 LONG.: W 104.22633412 2482' FSL 750' FEL	NEW MEXICO EAST NAD 1983 X=574971.3 Y=592617.4 LAT.: N 32.62910745 LONG.: W 104.22408039 1890' FSL 50' FEL	NEW MEXICO EAST NAD 1983 X=574921.3 Y=592618.3 LAT.: N 32.62911011 LONG.: W 104.22424278 1890' FSL 100' FEL
LAST TAKE POINT (LTP)	**BOTTOM HOLE LOCATION (BHL)**	
NEW MEXICO EAST NAD 1983 X=564559.1 Y=592807.7 LAT.: N 32.62965532 LONG.: W 104.25790197 1930' FSL 100' FWL	NEW MEXICO EAST NAD 1983 X=564509.1 Y=592808.6 LAT.: N 32.62965793 LONG.: W 104.25806437 1930' FSL 50' FWL	



DETAIL VIEW
SCALE: 1" = 300'



LEASE NAME & WELL NO.: CAMACHO 25-26 STATE COM 303H

SECTION 25 TWP 19-S RGE 27-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM
DESCRIPTION 2482' FSL & 750' FEL

DISTANCE & DIRECTION
FROM INT. OF NETHERLIN RD/ CR-236, & ILLINOIS CAMP RD/ CR-206, GO SOUTH ON ILLINOIS CAMP RD/ CR-206 ±2.0 MILES TO A POINT ±339 FEET EAST 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 APACHE CORPORATION. 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.

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

S:\SURVEY\APACHE CORPORATION\CAMACHO_25-26_STATE_COM_REVISED_C-102S_SSE_EXHIBITS\FINAL_PRODUCTS\LO_CAMACHO_25-26_STATE_COM_303H.DWG 11/4/2024 10:38:02 AM matthew.hughes

EXHIBIT 2B

LEGEND

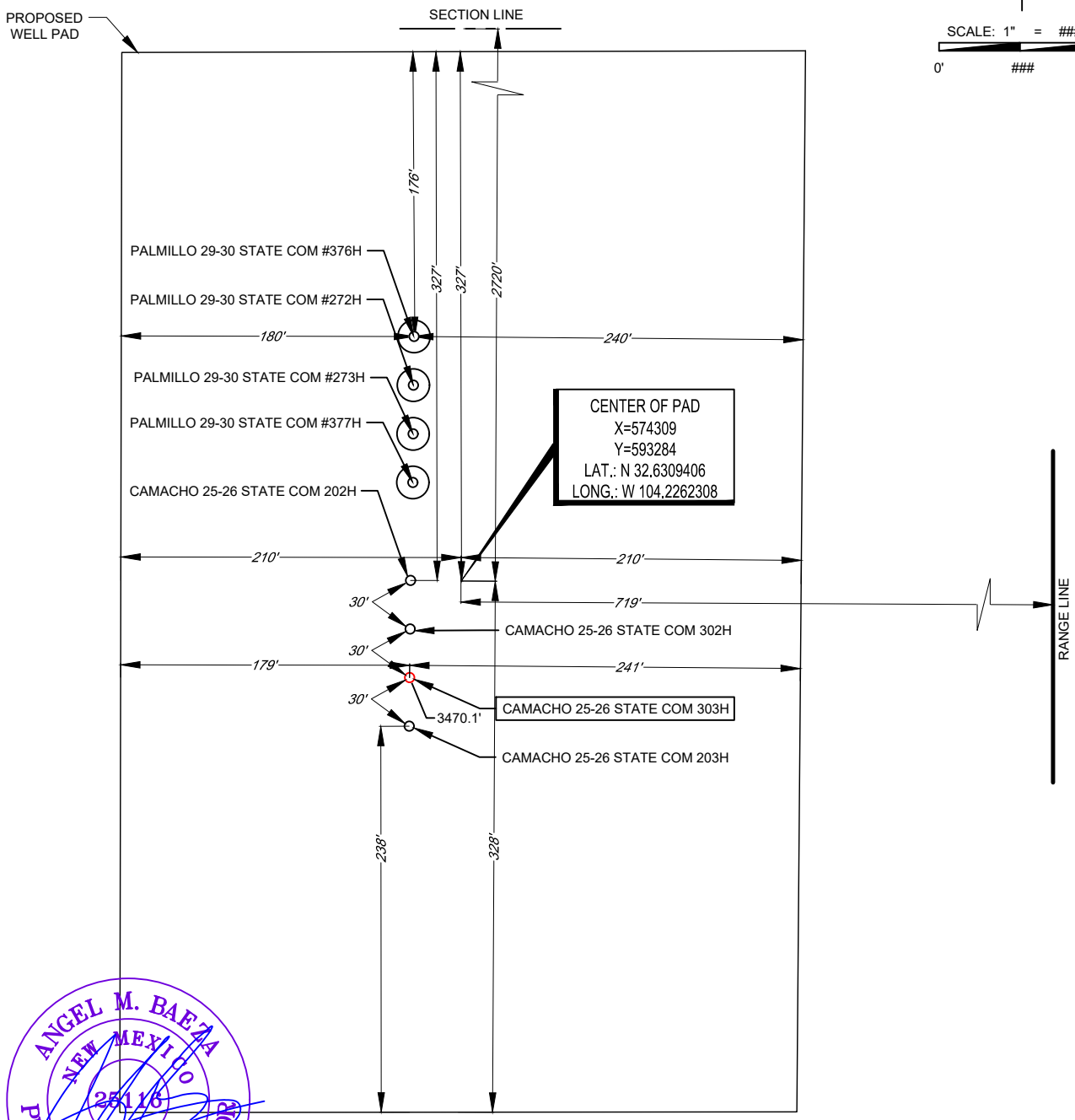
RANGE LINE
SECTION LINE

SECTION 25, TOWNSHIP 19-S, RANGE 27-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO

N

SCALE: 1" = ####

0' ### ####



ANGEL M. BAEZA
NEW MEXICO
25116
1/4/24
PROFESSIONAL SURVEYOR

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

LEASE NAME & WELL NO.: CAMACHO 25-26 STATE COM 303H

303H LATITUDE N 32.63077665 303H LONGITUDE W 104.22633412

CENTER OF PAD IS 2720' FNL & 719' FEL

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 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 APACHE CORPORATION. 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:\SURVEYS\APACHE CORPORATION\CAMACHO 25-26_STATE_COM_REVISED_C-102S_SSE_EXHIBITS\FINAL_PRODUCTS\LO_CAMACHO_25-26_STATE_COM_303H.DWG 11/4/2024 10:38:03 AM matthew.hughes

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 Comments

Permit 375998

PERMIT COMMENTS

Operator Name and Address:	API Number:
APACHE CORPORATION [873] 303 Veterans Airpark Ln Midland, TX 79705	30-015-55765
	Well: CAMACHO 25 26 STATE COM #303H

Created By	Comment	Comment Date
sflores	APACHE REQUEST APPROVAL TO UTILIZE SPUDDER RIG TO PRE-SET SURF CSG.	10/29/2024

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 375998

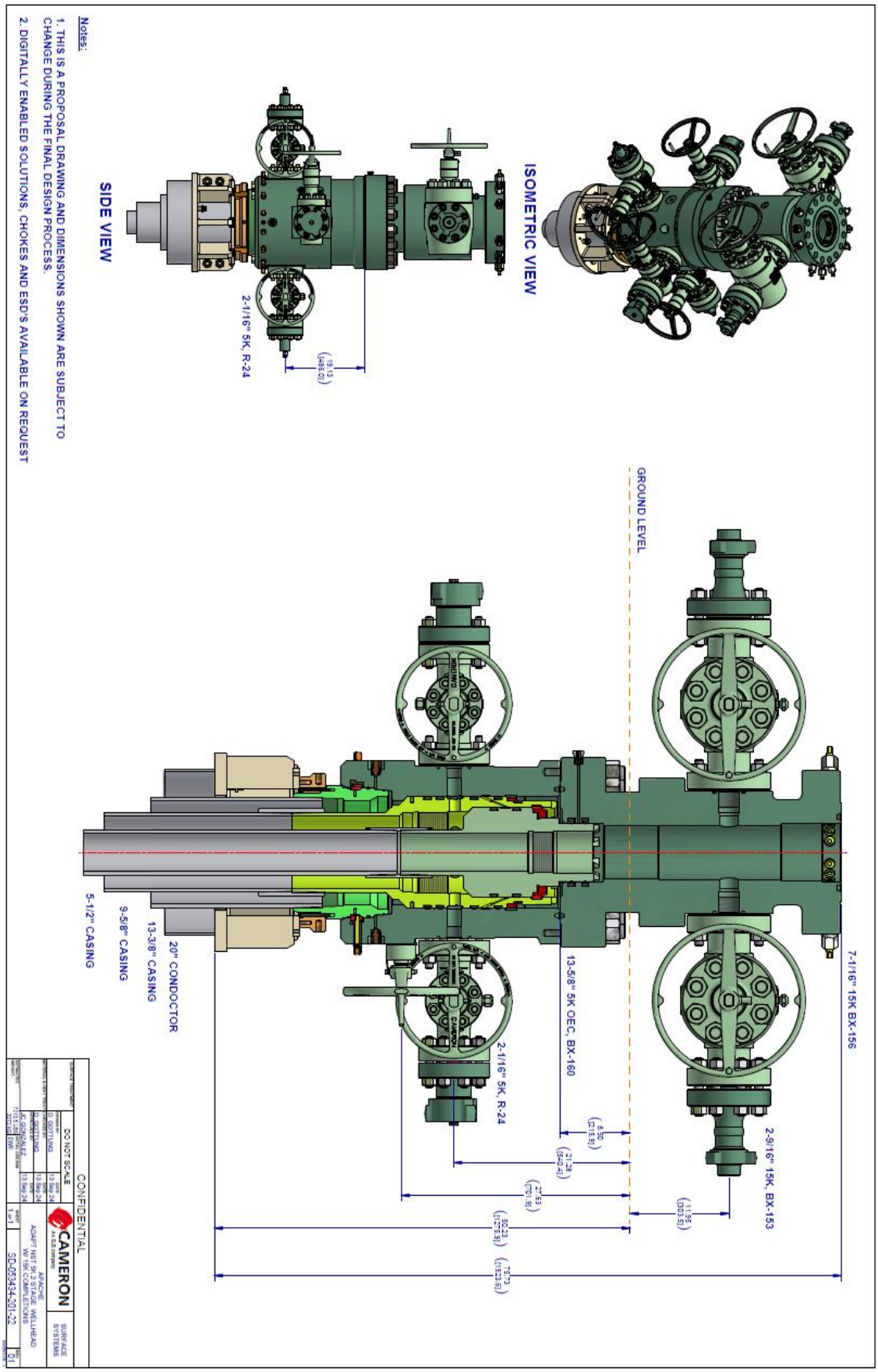
PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
APACHE CORPORATION [873] 303 Veterans Airpark Ln Midland, TX 79705	30-015-55765
	Well: CAMACHO 25 26 STATE COM #303H

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

Apache Corp respectfully requests approval for the following changes and additions to the drilling plan:

1. Utilize a spudder rig to pre-set surface casing.
2. Description of Operations
    1. Spudder rig will move in their rig to drill the surface hole section and pre-set surface casing on the Camacho 25-26 State COM 303H
        a. After drilling the surface hole section, the rig will run casing and cement following all the applicable rules and regulations (19.15.16 NMAC Drilling and Production).
        b. Rig will utilize fresh water based mud to drill 17-1/2” surface hole to TD. Solids control will be handled entirely on a closed loop basis.
2. The wellhead will be installed and tested once the 13-3/8” surface casing is cut off and the WOC time has been reached.
3. A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
    a. A means for intervention will be maintained while the drilling rig is not over the well.
4. Spudder rig operations is expected to take 1-2 days on a single well pad.
5. The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
6. Drilling operations will be performed with the drilling rig. At that time an approved BOP stack will be nippled up and tested on the wellhead before drilling operations commences on each well.
    a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.
7. Apache Corp will have supervision over the rig to ensure compliance with all NMOCD regulations and to oversee operations.
8. Once the rig is removed, Apache Corp will secure the wellhead area by placing a guard rail around the cellar area.


ISOMETRIC VIEW
SIDE VIEW
2-1/16" 5K, R-24
GROUND LEVEL
7-1/16" 15K BX-156
2-9/16" 15K, BX-153
13-5/8" 5K OEC, BX-160
2-1/16" 5K, R-24
20" CONDOCTOR
13-3/8" CASING
9-5/8" CASING
5-1/2" CASING
Notes:
1. THIS IS A PROPOSAL DRAWING AND DIMENSIONS SHOWN ARE SUBJECT TO CHANGE DURING THE FINAL DESIGN PROCESS.
2. DIGITALLY ENABLED SOLUTIONS, CHOKES AND ESD'S AVAILABLE ON REQUEST
CONFIDENTIAL
DO NOT SCALE
CAMERON
SURFACE SYSTEMS
APACHE
ADAPT NBT 5K 2 STAGE WELLHEAD W/ 15K COMPLETIONS
SO-055434-201-22
G1

Apache Corporation

Eddy Co, NM (NAD83 NM E)
Camacho 25 26
Camacho 25-26 State Com 303H

OH

Plan: Plan #3

Standard Planning Report

25 October, 2024

Plan #3

Project: Eddy Co, NM (NAD83 NM E)
Site: Camacho 25 26
Well: Camacho 25-26 State Com 303H
Wellbore: OH
Design: Plan #3
Lat: 32.630777
Long: -104.226334
GL: 3470.10
KB: KB=25 @ 3495.10usft

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Camacho 25-26 State COM #303H - KOP OL	7993.66	-606.55	694.47	592617.43	574971.38	Point
Camacho 25-26 State COM #303H - LTP	8250.00	-620.29	1272.02	592603.69	575548.93	Point
Camacho 25-26 State COM #303H - BHL	8262.00	-415.37	-9767.78	592808.61	564509.12	Point
Camacho 25-26 State COM #303H - FTP	8213.98	-605.64	644.43	592618.34	574921.34	Point
Camacho 25-26 State COM #303H - LP	8262.00	-416.28	-9717.79	592807.69	564559.12	Point
Camacho 25-26 State COM #303H - PBHL	8262.00	-615.36	744.35	592608.62	575021.26	Point

WELL DETAILS: Camacho 25-26 State Com 303H

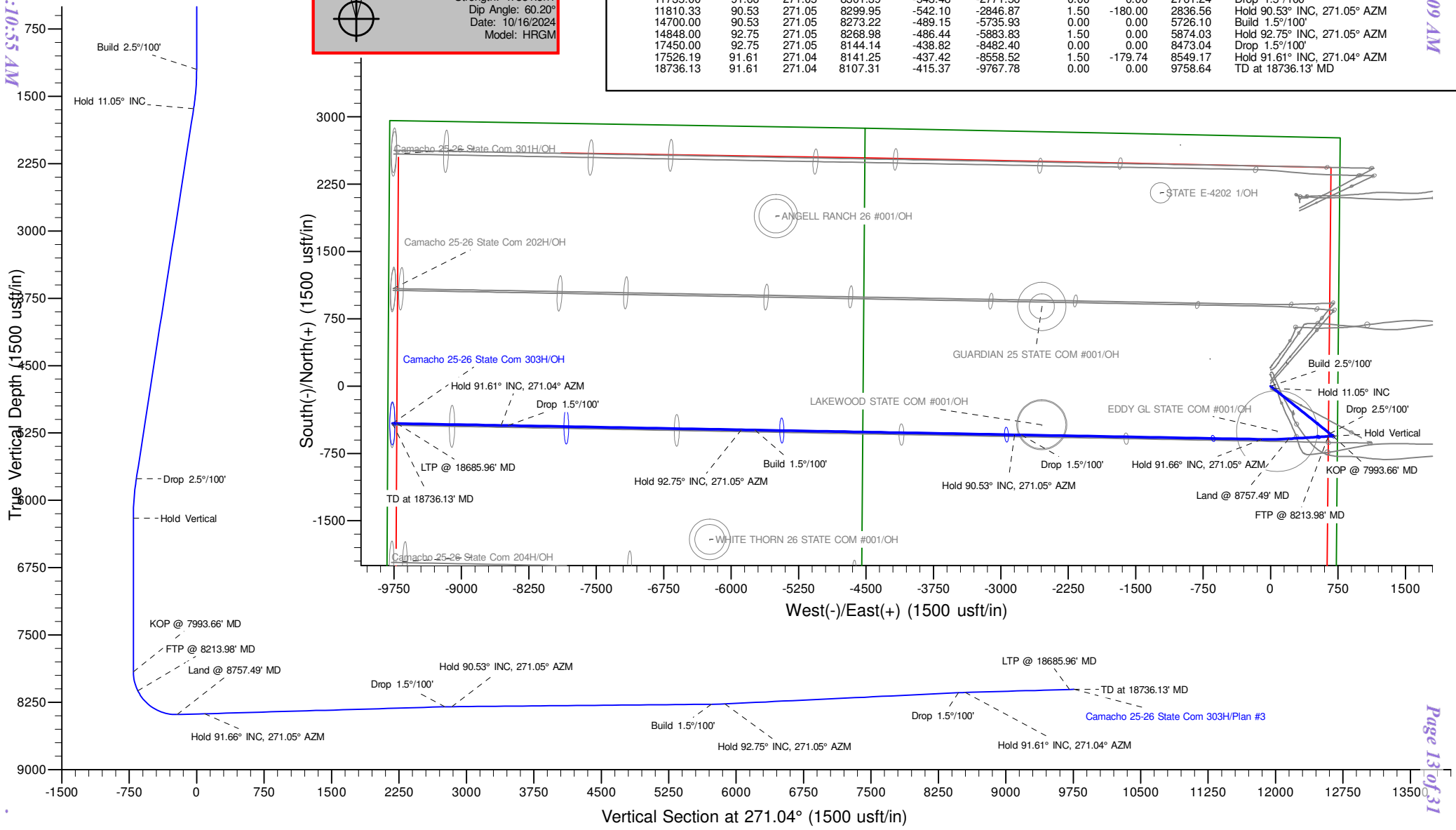
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	593223.98	574276.91	32.630777	-104.226334

Azimuths to Grid North
True North: -0.06°
Magnetic North: 6.67°

Magnetic Field
Strength: 47351.5nT
Dip Angle: 60.20°
Date: 10/16/2024
Model: HRGM

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	Build 2.5°/100'
1641.88	11.05	128.68	1639.15	-26.54	33.15	2.50	128.68	-33.63	Hold 11.05° INC
5841.40	11.05	128.68	5760.85	-529.46	661.32	0.00	0.00	-670.82	Drop 2.5°/100'
6283.28	0.00	0.00	6200.00	-556.00	694.47	2.50	180.00	-704.45	Hold Vertical
7993.66	0.00	0.00	7910.38	-556.00	694.47	0.00	0.00	-704.45	KOP @ 7993.66' MD
8757.49	91.66	266.50	8387.64	-585.99	204.09	12.00	266.50	-214.70	Land @ 8757.49' MD
9060.70	91.66	271.05	8378.86	-592.47	-98.84	1.50	89.93	88.07	Hold 91.66° INC, 271.05° AZM
11735.00	91.66	271.05	8301.39	-543.48	-2771.56	0.00	0.00	2761.24	Drop 1.5°/100'
11810.33	90.53	271.05	8299.95	-542.10	-2846.87	1.50	-180.00	2836.56	Hold 90.53° INC, 271.05° AZM
14700.00	90.53	271.05	8273.22	-489.15	-5735.93	0.00	0.00	5726.10	Build 1.5°/100'
14848.00	92.75	271.05	8268.98	-486.44	-5883.83	1.50	0.00	5874.03	Hold 92.75° INC, 271.05° AZM
17450.00	92.75	271.05	8144.14	-438.82	-8482.40	0.00	0.00	8473.04	Drop 1.5°/100'
17526.19	91.61	271.04	8141.25	-437.42	-8558.52	1.50	-179.74	8549.17	Hold 91.61° INC, 271.04° AZM
18736.13	91.61	271.04	8107.31	-415.37	-9767.78	0.00	0.00	9758.64	TD at 18736.13' MD



Planning Report

Database:	Fhartmann	**Local Co-ordinate Reference:**	Well Camacho 25-26 State Com 303H
Company:	Apache Corporation	**TVD Reference:**	KB=25 @ 3495.10usft
Project:	Eddy Co, NM (NAD83 NM E)	**MD Reference:**	KB=25 @ 3495.10usft
Site:	Camacho 25 26	**North Reference:**	Grid
Well:	Camacho 25-26 State Com 303H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3		

Project	Eddy Co, NM (NAD83 NM E)		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Camacho 25 26, Site Center : Camacho 25-26 State com 201H				
Site Position:		**Northing:**	593,284.90 usft	**Latitude:**	32.630944
From:	Map	**Easting:**	574,278.00 usft	**Longitude:**	-104.226331
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "		

Well	Camacho 25-26 State Com 303H					
Well Position	**+N/-S**	0.00 usft	**Northing:**	593,223.98 usft	**Latitude:**	32.630777
	+E/-W	0.00 usft	**Easting:**	574,276.91 usft	**Longitude:**	-104.226334
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,470.10 usft
Grid Convergence:		0.06 °				

Wellbore	OH				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	HRGM	10/16/2024	6.73	60.20	47,351.49370582

Design	Plan #3			
Audit Notes:				
Version:	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	271.04

Plan Survey Tool Program **Date** 10/25/2024

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	18,736.12	Plan #3 (OH)	MWD+HRGM OWSG MWD + HRGM	

Planning Report

Database:	Fhartmann	**Local Co-ordinate Reference:**	Well Camacho 25-26 State Com 303H
Company:	Apache Corporation	**TVD Reference:**	KB=25 @ 3495.10usft
Project:	Eddy Co, NM (NAD83 NM E)	**MD Reference:**	KB=25 @ 3495.10usft
Site:	Camacho 25 26	**North Reference:**	Grid
Well:	Camacho 25-26 State Com 303H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3		

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,641.88	11.05	128.68	1,639.15	-26.54	33.15	2.50	2.50	0.00	128.68	
5,841.40	11.05	128.68	5,760.85	-529.46	661.32	0.00	0.00	0.00	0.00	
6,283.28	0.00	0.00	6,200.00	-556.00	694.47	2.50	-2.50	0.00	180.00	
7,993.66	0.00	0.00	7,910.38	-556.00	694.47	0.00	0.00	0.00	0.00	
8,757.50	91.66	266.50	8,387.64	-585.99	204.09	12.00	12.00	0.00	266.50	
9,060.70	91.66	271.05	8,378.86	-592.47	-98.84	1.50	0.00	1.50	89.93	
11,735.00	91.66	271.05	8,301.39	-543.48	-2,771.56	0.00	0.00	0.00	0.00	
11,810.33	90.53	271.05	8,299.95	-542.10	-2,846.87	1.50	-1.50	0.00	-180.00	
14,700.00	90.53	271.05	8,273.22	-489.15	-5,735.93	0.00	0.00	0.00	0.00	
14,848.00	92.75	271.05	8,268.98	-486.44	-5,883.83	1.50	1.50	0.00	0.00	
17,450.00	92.75	271.05	8,144.14	-438.82	-8,482.40	0.00	0.00	0.00	0.00	
17,526.19	91.61	271.04	8,141.25	-437.42	-8,558.52	1.50	-1.50	-0.01	-179.74	
18,736.13	91.61	271.04	8,107.31	-415.37	-9,767.78	0.00	0.00	0.00	0.00	

Planning Report

Database:	Fhartmann	**Local Co-ordinate Reference:**	Well Camacho 25-26 State Com 303H
Company:	Apache Corporation	**TVD Reference:**	KB=25 @ 3495.10usft
Project:	Eddy Co, NM (NAD83 NM E)	**MD Reference:**	KB=25 @ 3495.10usft
Site:	Camacho 25 26	**North Reference:**	Grid
Well:	Camacho 25-26 State Com 303H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3		

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 2.5°/100'									
1,300.00	2.50	128.68	1,299.97	-1.36	1.70	-1.73	2.50	2.50	0.00
1,400.00	5.00	128.68	1,399.75	-5.45	6.81	-6.91	2.50	2.50	0.00
1,500.00	7.50	128.68	1,499.14	-12.25	15.31	-15.53	2.50	2.50	0.00
1,600.00	10.00	128.68	1,597.97	-21.76	27.18	-27.57	2.50	2.50	0.00
1,641.88	11.05	128.68	1,639.15	-26.54	33.15	-33.63	2.50	2.50	0.00
Hold 11.05° INC									
1,700.00	11.05	128.68	1,696.19	-33.50	41.84	-42.45	0.00	0.00	0.00
1,800.00	11.05	128.68	1,794.34	-45.48	56.80	-57.62	0.00	0.00	0.00
1,900.00	11.05	128.68	1,892.48	-57.45	71.76	-72.79	0.00	0.00	0.00
2,000.00	11.05	128.68	1,990.63	-69.43	86.72	-87.97	0.00	0.00	0.00
2,100.00	11.05	128.68	2,088.78	-81.40	101.68	-103.14	0.00	0.00	0.00
2,200.00	11.05	128.68	2,186.93	-93.38	116.64	-118.31	0.00	0.00	0.00
2,300.00	11.05	128.68	2,285.07	-105.35	131.59	-133.48	0.00	0.00	0.00
2,400.00	11.05	128.68	2,383.22	-117.33	146.55	-148.66	0.00	0.00	0.00
2,500.00	11.05	128.68	2,481.37	-129.31	161.51	-163.83	0.00	0.00	0.00
2,600.00	11.05	128.68	2,579.51	-141.28	176.47	-179.00	0.00	0.00	0.00
2,700.00	11.05	128.68	2,677.66	-153.26	191.43	-194.18	0.00	0.00	0.00
2,800.00	11.05	128.68	2,775.81	-165.23	206.38	-209.35	0.00	0.00	0.00
2,900.00	11.05	128.68	2,873.95	-177.21	221.34	-224.52	0.00	0.00	0.00
3,000.00	11.05	128.68	2,972.10	-189.18	236.30	-239.70	0.00	0.00	0.00
3,100.00	11.05	128.68	3,070.25	-201.16	251.26	-254.87	0.00	0.00	0.00
3,200.00	11.05	128.68	3,168.40	-213.14	266.22	-270.04	0.00	0.00	0.00
3,300.00	11.05	128.68	3,266.54	-225.11	281.18	-285.22	0.00	0.00	0.00
3,400.00	11.05	128.68	3,364.69	-237.09	296.13	-300.39	0.00	0.00	0.00
3,500.00	11.05	128.68	3,462.84	-249.06	311.09	-315.56	0.00	0.00	0.00
3,600.00	11.05	128.68	3,560.98	-261.04	326.05	-330.73	0.00	0.00	0.00
3,700.00	11.05	128.68	3,659.13	-273.01	341.01	-345.91	0.00	0.00	0.00
3,800.00	11.05	128.68	3,757.28	-284.99	355.97	-361.08	0.00	0.00	0.00
3,900.00	11.05	128.68	3,855.42	-296.96	370.92	-376.25	0.00	0.00	0.00
4,000.00	11.05	128.68	3,953.57	-308.94	385.88	-391.43	0.00	0.00	0.00
4,100.00	11.05	128.68	4,051.72	-320.92	400.84	-406.60	0.00	0.00	0.00
4,200.00	11.05	128.68	4,149.87	-332.89	415.80	-421.77	0.00	0.00	0.00
4,300.00	11.05	128.68	4,248.01	-344.87	430.76	-436.95	0.00	0.00	0.00
4,400.00	11.05	128.68	4,346.16	-356.84	445.72	-452.12	0.00	0.00	0.00
4,500.00	11.05	128.68	4,444.31	-368.82	460.67	-467.29	0.00	0.00	0.00
4,600.00	11.05	128.68	4,542.45	-380.79	475.63	-482.46	0.00	0.00	0.00
4,700.00	11.05	128.68	4,640.60	-392.77	490.59	-497.64	0.00	0.00	0.00
4,800.00	11.05	128.68	4,738.75	-404.74	505.55	-512.81	0.00	0.00	0.00
4,900.00	11.05	128.68	4,836.90	-416.72	520.51	-527.98	0.00	0.00	0.00
5,000.00	11.05	128.68	4,935.04	-428.70	535.46	-543.16	0.00	0.00	0.00

Planning Report

Database:	Fhartmann	**Local Co-ordinate Reference:**	Well Camacho 25-26 State Com 303H
Company:	Apache Corporation	**TVD Reference:**	KB=25 @ 3495.10usft
Project:	Eddy Co, NM (NAD83 NM E)	**MD Reference:**	KB=25 @ 3495.10usft
Site:	Camacho 25 26	**North Reference:**	Grid
Well:	Camacho 25-26 State Com 303H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3		

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)
5,100.00	11.05	128.68	5,033.19	-440.67	550.42	-558.33	0.00	0.00	0.00
5,200.00	11.05	128.68	5,131.34	-452.65	565.38	-573.50	0.00	0.00	0.00
5,300.00	11.05	128.68	5,229.48	-464.62	580.34	-588.68	0.00	0.00	0.00
5,400.00	11.05	128.68	5,327.63	-476.60	595.30	-603.85	0.00	0.00	0.00
5,500.00	11.05	128.68	5,425.78	-488.57	610.26	-619.02	0.00	0.00	0.00
5,600.00	11.05	128.68	5,523.92	-500.55	625.21	-634.20	0.00	0.00	0.00
5,700.00	11.05	128.68	5,622.07	-512.53	640.17	-649.37	0.00	0.00	0.00
5,800.00	11.05	128.68	5,720.22	-524.50	655.13	-664.54	0.00	0.00	0.00
5,841.40	11.05	128.68	5,760.85	-529.46	661.32	-670.82	0.00	0.00	0.00
Drop 2.5°/100'									
5,900.00	9.58	128.68	5,818.50	-536.02	669.51	-679.13	2.50	-2.50	0.00
6,000.00	7.08	128.68	5,917.44	-545.07	680.82	-690.61	2.50	-2.50	0.00
6,100.00	4.58	128.68	6,016.91	-551.42	688.76	-698.65	2.50	-2.50	0.00
6,200.00	2.08	128.68	6,116.74	-555.05	693.29	-703.25	2.50	-2.50	0.00
6,283.28	0.00	0.00	6,200.00	-556.00	694.47	-704.45	2.50	-2.50	-154.52
Hold Vertical									
6,300.00	0.00	0.00	6,216.72	-556.00	694.47	-704.45	0.00	0.00	0.00
6,400.00	0.00	0.00	6,316.72	-556.00	694.47	-704.45	0.00	0.00	0.00
6,500.00	0.00	0.00	6,416.72	-556.00	694.47	-704.45	0.00	0.00	0.00
6,600.00	0.00	0.00	6,516.72	-556.00	694.47	-704.45	0.00	0.00	0.00
6,700.00	0.00	0.00	6,616.72	-556.00	694.47	-704.45	0.00	0.00	0.00
6,800.00	0.00	0.00	6,716.72	-556.00	694.47	-704.45	0.00	0.00	0.00
6,900.00	0.00	0.00	6,816.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,000.00	0.00	0.00	6,916.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,100.00	0.00	0.00	7,016.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,200.00	0.00	0.00	7,116.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,300.00	0.00	0.00	7,216.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,400.00	0.00	0.00	7,316.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,500.00	0.00	0.00	7,416.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,600.00	0.00	0.00	7,516.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,700.00	0.00	0.00	7,616.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,800.00	0.00	0.00	7,716.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,900.00	0.00	0.00	7,816.72	-556.00	694.47	-704.45	0.00	0.00	0.00
7,993.66	0.00	0.00	7,910.38	-556.00	694.47	-704.45	0.00	0.00	0.00
KOP @ 7993.66' MD									
8,000.00	0.76	266.50	7,916.72	-556.00	694.43	-704.41	12.00	12.00	0.00
8,025.00	3.76	266.50	7,941.70	-556.06	693.45	-703.43	12.00	12.00	0.00
8,050.00	6.76	266.50	7,966.59	-556.20	691.16	-701.14	12.00	12.00	0.00
8,075.00	9.76	266.50	7,991.33	-556.42	687.58	-697.56	12.00	12.00	0.00
8,100.00	12.76	266.50	8,015.84	-556.72	682.70	-692.70	12.00	12.00	0.00
8,125.00	15.76	266.50	8,040.07	-557.10	676.56	-686.56	12.00	12.00	0.00
8,150.00	18.76	266.50	8,063.94	-557.55	669.15	-679.16	12.00	12.00	0.00
8,175.00	21.76	266.50	8,087.39	-558.08	660.51	-670.53	12.00	12.00	0.00
8,200.00	24.76	266.50	8,110.36	-558.68	650.66	-660.69	12.00	12.00	0.00
8,213.98	26.44	266.50	8,122.96	-559.05	644.63	-654.67	12.00	12.00	0.00
FTP @ 8213.98' MD									
8,225.00	27.76	266.50	8,132.77	-559.35	639.62	-649.67	12.00	12.00	0.00
8,250.00	30.76	266.50	8,154.58	-560.10	627.43	-637.49	12.00	12.00	0.00
8,275.00	33.76	266.50	8,175.72	-560.92	614.11	-624.19	12.00	12.00	0.00
8,300.00	36.76	266.50	8,196.13	-561.80	599.70	-609.80	12.00	12.00	0.00
8,325.00	39.76	266.50	8,215.76	-562.74	584.25	-594.37	12.00	12.00	0.00
8,350.00	42.76	266.50	8,234.55	-563.75	567.80	-577.94	12.00	12.00	0.00
8,375.00	45.76	266.50	8,252.45	-564.81	550.39	-560.55	12.00	12.00	0.00

Planning Report

Database:	Fhartmann	**Local Co-ordinate Reference:**	Well Camacho 25-26 State Com 303H
Company:	Apache Corporation	**TVD Reference:**	KB=25 @ 3495.10usft
Project:	Eddy Co, NM (NAD83 NM E)	**MD Reference:**	KB=25 @ 3495.10usft
Site:	Camacho 25 26	**North Reference:**	Grid
Well:	Camacho 25-26 State Com 303H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3		

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)
8,400.00	48.76	266.50	8,269.42	-565.93	532.06	-542.24	12.00	12.00	0.00
8,425.00	51.76	266.50	8,285.40	-567.11	512.87	-523.08	12.00	12.00	0.00
8,450.00	54.76	266.50	8,300.35	-568.33	492.88	-503.11	12.00	12.00	0.00
8,475.00	57.76	266.50	8,314.23	-569.60	472.13	-482.39	12.00	12.00	0.00
8,500.00	60.76	266.50	8,327.01	-570.91	450.69	-460.97	12.00	12.00	0.00
8,525.00	63.76	266.50	8,338.64	-572.26	428.60	-438.92	12.00	12.00	0.00
8,550.00	66.76	266.50	8,349.11	-573.65	405.94	-416.29	12.00	12.00	0.00
8,575.00	69.76	266.50	8,358.36	-575.06	382.77	-393.14	12.00	12.00	0.00
8,600.00	72.76	266.50	8,366.39	-576.51	359.14	-369.54	12.00	12.00	0.00
8,625.00	75.76	266.50	8,373.18	-577.98	335.12	-345.56	12.00	12.00	0.00
8,650.00	78.76	266.50	8,378.69	-579.47	310.79	-321.25	12.00	12.00	0.00
8,675.00	81.76	266.50	8,382.92	-580.97	286.20	-296.69	12.00	12.00	0.00
8,700.00	84.76	266.50	8,385.85	-582.49	261.42	-271.95	12.00	12.00	0.00
8,725.00	87.76	266.50	8,387.48	-584.01	236.52	-247.08	12.00	12.00	0.00
8,750.00	90.76	266.50	8,387.80	-585.54	211.57	-222.17	12.00	12.00	0.00
8,757.49	91.66	266.50	8,387.64	-585.99	204.10	-214.70	12.00	12.00	0.00
Land @ 8757.49' MD									
8,800.00	91.66	267.14	8,386.41	-588.35	161.67	-172.32	1.50	0.00	1.50
8,900.00	91.66	268.64	8,383.51	-592.03	61.79	-72.52	1.50	0.00	1.50
9,000.00	91.66	270.14	8,380.62	-593.10	-38.16	27.39	1.50	0.00	1.50
9,060.70	91.66	271.05	8,378.86	-592.47	-98.83	88.07	1.50	0.00	1.50
Hold 91.66° INC, 271.05° AZM									
9,100.00	91.66	271.05	8,377.72	-591.75	-138.11	127.35	0.00	0.00	0.00
9,200.00	91.66	271.05	8,374.82	-589.92	-238.05	227.31	0.00	0.00	0.00
9,300.00	91.66	271.05	8,371.92	-588.09	-337.99	327.26	0.00	0.00	0.00
9,400.00	91.66	271.05	8,369.03	-586.26	-437.94	427.22	0.00	0.00	0.00
9,500.00	91.66	271.05	8,366.13	-584.42	-537.88	527.18	0.00	0.00	0.00
9,600.00	91.66	271.05	8,363.23	-582.59	-637.82	627.14	0.00	0.00	0.00
9,700.00	91.66	271.05	8,360.34	-580.76	-737.76	727.10	0.00	0.00	0.00
9,800.00	91.66	271.05	8,357.44	-578.93	-837.70	827.05	0.00	0.00	0.00
9,900.00	91.66	271.05	8,354.54	-577.10	-937.64	927.01	0.00	0.00	0.00
10,000.00	91.66	271.05	8,351.65	-575.27	-1,037.58	1,026.97	0.00	0.00	0.00
10,100.00	91.66	271.05	8,348.75	-573.43	-1,137.52	1,126.93	0.00	0.00	0.00
10,200.00	91.66	271.05	8,345.85	-571.60	-1,237.47	1,226.89	0.00	0.00	0.00
10,300.00	91.66	271.05	8,342.96	-569.77	-1,337.41	1,326.85	0.00	0.00	0.00
10,400.00	91.66	271.05	8,340.06	-567.94	-1,437.35	1,426.80	0.00	0.00	0.00
10,500.00	91.66	271.05	8,337.16	-566.11	-1,537.29	1,526.76	0.00	0.00	0.00
10,600.00	91.66	271.05	8,334.27	-564.27	-1,637.23	1,626.72	0.00	0.00	0.00
10,700.00	91.66	271.05	8,331.37	-562.44	-1,737.17	1,726.68	0.00	0.00	0.00
10,800.00	91.66	271.05	8,328.47	-560.61	-1,837.11	1,826.64	0.00	0.00	0.00
10,900.00	91.66	271.05	8,325.58	-558.78	-1,937.05	1,926.59	0.00	0.00	0.00
11,000.00	91.66	271.05	8,322.68	-556.95	-2,037.00	2,026.55	0.00	0.00	0.00
11,100.00	91.66	271.05	8,319.78	-555.12	-2,136.94	2,126.51	0.00	0.00	0.00
11,200.00	91.66	271.05	8,316.88	-553.28	-2,236.88	2,226.47	0.00	0.00	0.00
11,300.00	91.66	271.05	8,313.99	-551.45	-2,336.82	2,326.43	0.00	0.00	0.00
11,400.00	91.66	271.05	8,311.09	-549.62	-2,436.76	2,426.38	0.00	0.00	0.00
11,500.00	91.66	271.05	8,308.19	-547.79	-2,536.70	2,526.34	0.00	0.00	0.00
11,600.00	91.66	271.05	8,305.30	-545.96	-2,636.64	2,626.30	0.00	0.00	0.00
11,700.00	91.66	271.05	8,302.40	-544.13	-2,736.58	2,726.26	0.00	0.00	0.00
11,735.00	91.66	271.05	8,301.39	-543.48	-2,771.56	2,761.24	0.00	0.00	0.00
Drop 1.5°/100'									
11,800.00	90.69	271.05	8,300.06	-542.29	-2,836.54	2,826.23	1.50	-1.50	0.00
11,810.33	90.53	271.05	8,299.95	-542.10	-2,846.87	2,836.56	1.50	-1.50	0.00

Planning Report

Database:	Fhartmann	**Local Co-ordinate Reference:**	Well Camacho 25-26 State Com 303H
Company:	Apache Corporation	**TVD Reference:**	KB=25 @ 3495.10usft
Project:	Eddy Co, NM (NAD83 NM E)	**MD Reference:**	KB=25 @ 3495.10usft
Site:	Camacho 25 26	**North Reference:**	Grid
Well:	Camacho 25-26 State Com 303H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3		

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)
Hold 90.53° INC, 271.05° AZM									
11,900.00	90.53	271.05	8,299.12	-540.46	-2,936.52	2,926.22	0.00	0.00	0.00
12,000.00	90.53	271.05	8,298.19	-538.63	-3,036.50	3,026.22	0.00	0.00	0.00
12,100.00	90.53	271.05	8,297.27	-536.80	-3,136.48	3,126.22	0.00	0.00	0.00
12,200.00	90.53	271.05	8,296.34	-534.96	-3,236.45	3,226.21	0.00	0.00	0.00
12,300.00	90.53	271.05	8,295.42	-533.13	-3,336.43	3,326.21	0.00	0.00	0.00
12,400.00	90.53	271.05	8,294.49	-531.30	-3,436.41	3,426.20	0.00	0.00	0.00
12,500.00	90.53	271.05	8,293.57	-529.47	-3,536.39	3,526.20	0.00	0.00	0.00
12,600.00	90.53	271.05	8,292.64	-527.63	-3,636.37	3,626.19	0.00	0.00	0.00
12,700.00	90.53	271.05	8,291.72	-525.80	-3,736.35	3,726.19	0.00	0.00	0.00
12,800.00	90.53	271.05	8,290.79	-523.97	-3,836.33	3,826.19	0.00	0.00	0.00
12,900.00	90.53	271.05	8,289.87	-522.14	-3,936.31	3,926.18	0.00	0.00	0.00
13,000.00	90.53	271.05	8,288.94	-520.31	-4,036.29	4,026.18	0.00	0.00	0.00
13,100.00	90.53	271.05	8,288.02	-518.47	-4,136.26	4,126.17	0.00	0.00	0.00
13,200.00	90.53	271.05	8,287.09	-516.64	-4,236.24	4,226.17	0.00	0.00	0.00
13,300.00	90.53	271.05	8,286.17	-514.81	-4,336.22	4,326.16	0.00	0.00	0.00
13,400.00	90.53	271.05	8,285.24	-512.98	-4,436.20	4,426.16	0.00	0.00	0.00
13,500.00	90.53	271.05	8,284.32	-511.14	-4,536.18	4,526.16	0.00	0.00	0.00
13,600.00	90.53	271.05	8,283.39	-509.31	-4,636.16	4,626.15	0.00	0.00	0.00
13,700.00	90.53	271.05	8,282.47	-507.48	-4,736.14	4,726.15	0.00	0.00	0.00
13,800.00	90.53	271.05	8,281.54	-505.65	-4,836.12	4,826.14	0.00	0.00	0.00
13,900.00	90.53	271.05	8,280.62	-503.81	-4,936.10	4,926.14	0.00	0.00	0.00
14,000.00	90.53	271.05	8,279.69	-501.98	-5,036.07	5,026.13	0.00	0.00	0.00
14,100.00	90.53	271.05	8,278.77	-500.15	-5,136.05	5,126.13	0.00	0.00	0.00
14,200.00	90.53	271.05	8,277.84	-498.32	-5,236.03	5,226.13	0.00	0.00	0.00
14,300.00	90.53	271.05	8,276.92	-496.48	-5,336.01	5,326.12	0.00	0.00	0.00
14,400.00	90.53	271.05	8,275.99	-494.65	-5,435.99	5,426.12	0.00	0.00	0.00
14,500.00	90.53	271.05	8,275.07	-492.82	-5,535.97	5,526.11	0.00	0.00	0.00
14,600.00	90.53	271.05	8,274.14	-490.99	-5,635.95	5,626.11	0.00	0.00	0.00
14,700.00	90.53	271.05	8,273.22	-489.15	-5,735.93	5,726.10	0.00	0.00	0.00
Build 1.5°/100'									
14,800.00	92.03	271.05	8,270.98	-487.32	-5,835.88	5,826.08	1.50	1.50	0.00
14,848.00	92.75	271.05	8,268.98	-486.44	-5,883.83	5,874.03	1.50	1.50	0.00
Hold 92.75° INC, 271.05° AZM									
14,900.00	92.75	271.05	8,266.49	-485.49	-5,935.76	5,925.97	0.00	0.00	0.00
15,000.00	92.75	271.05	8,261.69	-483.66	-6,035.63	6,025.86	0.00	0.00	0.00
15,100.00	92.75	271.05	8,256.89	-481.83	-6,135.50	6,125.74	0.00	0.00	0.00
15,200.00	92.75	271.05	8,252.09	-480.00	-6,235.37	6,225.63	0.00	0.00	0.00
15,300.00	92.75	271.05	8,247.30	-478.17	-6,335.24	6,325.51	0.00	0.00	0.00
15,400.00	92.75	271.05	8,242.50	-476.34	-6,435.10	6,425.40	0.00	0.00	0.00
15,500.00	92.75	271.05	8,237.70	-474.51	-6,534.97	6,525.28	0.00	0.00	0.00
15,600.00	92.75	271.05	8,232.90	-472.68	-6,634.84	6,625.17	0.00	0.00	0.00
15,700.00	92.75	271.05	8,228.10	-470.85	-6,734.71	6,725.05	0.00	0.00	0.00
15,800.00	92.75	271.05	8,223.31	-469.02	-6,834.58	6,824.94	0.00	0.00	0.00
15,900.00	92.75	271.05	8,218.51	-467.19	-6,934.44	6,924.82	0.00	0.00	0.00
16,000.00	92.75	271.05	8,213.71	-465.36	-7,034.31	7,024.71	0.00	0.00	0.00
16,100.00	92.75	271.05	8,208.91	-463.53	-7,134.18	7,124.59	0.00	0.00	0.00
16,200.00	92.75	271.05	8,204.12	-461.70	-7,234.05	7,224.48	0.00	0.00	0.00
16,300.00	92.75	271.05	8,199.32	-459.87	-7,333.92	7,324.36	0.00	0.00	0.00
16,400.00	92.75	271.05	8,194.52	-458.04	-7,433.79	7,424.25	0.00	0.00	0.00
16,500.00	92.75	271.05	8,189.72	-456.21	-7,533.65	7,524.13	0.00	0.00	0.00
16,600.00	92.75	271.05	8,184.92	-454.37	-7,633.52	7,624.02	0.00	0.00	0.00
16,700.00	92.75	271.05	8,180.13	-452.54	-7,733.39	7,723.90	0.00	0.00	0.00

Planning Report

Database:	Fhartmann	**Local Co-ordinate Reference:**	Well Camacho 25-26 State Com 303H
Company:	Apache Corporation	**TVD Reference:**	KB=25 @ 3495.10usft
Project:	Eddy Co, NM (NAD83 NM E)	**MD Reference:**	KB=25 @ 3495.10usft
Site:	Camacho 25 26	**North Reference:**	Grid
Well:	Camacho 25-26 State Com 303H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3		

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)
16,800.00	92.75	271.05	8,175.33	-450.71	-7,833.26	7,823.79	0.00	0.00	0.00
16,900.00	92.75	271.05	8,170.53	-448.88	-7,933.13	7,923.67	0.00	0.00	0.00
17,000.00	92.75	271.05	8,165.73	-447.05	-8,032.99	8,023.56	0.00	0.00	0.00
17,100.00	92.75	271.05	8,160.93	-445.22	-8,132.86	8,123.44	0.00	0.00	0.00
17,200.00	92.75	271.05	8,156.14	-443.39	-8,232.73	8,223.33	0.00	0.00	0.00
17,300.00	92.75	271.05	8,151.34	-441.56	-8,332.60	8,323.21	0.00	0.00	0.00
17,400.00	92.75	271.05	8,146.54	-439.73	-8,432.47	8,423.10	0.00	0.00	0.00
17,450.00	92.75	271.05	8,144.14	-438.82	-8,482.40	8,473.04	0.00	0.00	0.00
Drop 1.5°/100'									
17,500.00	92.00	271.05	8,142.07	-437.90	-8,532.35	8,522.99	1.50	-1.50	-0.01
17,526.19	91.61	271.04	8,141.25	-437.42	-8,558.52	8,549.17	1.50	-1.50	-0.01
Hold 91.61° INC, 271.04° AZM									
17,600.00	91.61	271.04	8,139.18	-436.08	-8,632.29	8,622.95	0.00	0.00	0.00
17,700.00	91.61	271.04	8,136.37	-434.26	-8,732.23	8,722.91	0.00	0.00	0.00
17,800.00	91.61	271.04	8,133.57	-432.43	-8,832.18	8,822.87	0.00	0.00	0.00
17,900.00	91.61	271.04	8,130.76	-430.61	-8,932.12	8,922.83	0.00	0.00	0.00
18,000.00	91.61	271.04	8,127.96	-428.79	-9,032.07	9,022.80	0.00	0.00	0.00
18,100.00	91.61	271.04	8,125.15	-426.97	-9,132.01	9,122.76	0.00	0.00	0.00
18,200.00	91.61	271.04	8,122.35	-425.14	-9,231.95	9,222.72	0.00	0.00	0.00
18,300.00	91.61	271.04	8,119.54	-423.32	-9,331.90	9,322.68	0.00	0.00	0.00
18,400.00	91.61	271.04	8,116.74	-421.50	-9,431.84	9,422.64	0.00	0.00	0.00
18,500.00	91.61	271.04	8,113.93	-419.68	-9,531.79	9,522.60	0.00	0.00	0.00
18,600.00	91.61	271.04	8,111.13	-417.85	-9,631.73	9,622.56	0.00	0.00	0.00
18,685.96	91.61	271.04	8,108.72	-416.29	-9,717.64	9,708.49	0.00	0.00	0.00
LTP @ 18685.96' MD									
18,700.00	91.61	271.04	8,108.32	-416.03	-9,731.67	9,722.52	0.00	0.00	0.00
18,736.13	91.61	271.04	8,107.31	-415.37	-9,767.78	9,758.64	0.00	0.00	0.00
TD at 18736.13' MD									

Planning Report

Database:	Fhartmann	**Local Co-ordinate Reference:**	Well Camacho 25-26 State Com 303H
Company:	Apache Corporation	**TVD Reference:**	KB=25 @ 3495.10usft
Project:	Eddy Co, NM (NAD83 NM E)	**MD Reference:**	KB=25 @ 3495.10usft
Site:	Camacho 25 26	**North Reference:**	Grid
Well:	Camacho 25-26 State Com 303H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3		

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
Camacho 25-26 State C	0.00	0.00	0.00	-606.55	694.47	592,617.43	574,971.38	32.629108	-104.224081
- plan misses target center by 922.06usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									
Camacho 25-26 State C	0.00	0.00	6,500.00	-620.29	1,272.02	592,603.69	575,548.93	32.629068	-104.222204
- plan misses target center by 581.12usft at 6583.28usft MD (6500.00 TVD, -556.00 N, 694.47 E)									
- Point									
Camacho 25-26 State C	0.00	0.00	8,262.00	-615.36	744.35	592,608.62	575,021.26	32.629083	-104.223919
- plan misses target center by 165.44usft at 8275.00usft MD (8175.72 TVD, -560.92 N, 614.11 E)									
- Point									
Camacho 25-26 State C	0.00	0.00	8,262.00	-416.28	-9,717.79	592,807.70	564,559.12	32.629655	-104.257902
- plan misses target center by 153.23usft at 18681.81usft MD (8108.83 TVD, -416.36 N, -9713.49 E)									
- Point									
Camacho 25-26 State C	0.00	0.00	8,262.00	-605.64	644.43	592,618.34	574,921.34	32.629110	-104.224243
- plan misses target center by 87.18usft at 8325.00usft MD (8215.76 TVD, -562.74 N, 584.25 E)									
- Point									
Camacho 25-26 State C	0.00	0.00	8,262.00	-415.37	-9,767.78	592,808.61	564,509.13	32.629658	-104.258065
- plan misses target center by 154.63usft at 18731.79usft MD (8107.43 TVD, -415.45 N, -9763.45 E)									
- Point									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,200.00	1,200.00	0.00	0.00	Build 2.5°/100'
1,641.88	1,639.15	-26.54	33.15	Hold 11.05° INC
5,841.40	5,760.85	-529.46	661.32	Drop 2.5°/100'
6,283.28	6,200.00	-556.00	694.47	Hold Vertical
7,993.66	7,910.38	-556.00	694.47	KOP @ 7993.66' MD
8,213.98	8,122.96	-559.05	644.63	FTP @ 8213.98' MD
8,757.49	8,387.64	-585.99	204.10	Land @ 8757.49' MD
9,060.70	8,378.86	-592.47	-98.83	Hold 91.66° INC, 271.05° AZM
11,735.00	8,301.39	-543.48	-2,771.56	Drop 1.5°/100'
11,810.33	8,299.95	-542.10	-2,846.87	Hold 90.53° INC, 271.05° AZM
14,700.00	8,273.22	-489.15	-5,735.93	Build 1.5°/100'
14,848.00	8,268.98	-486.44	-5,883.83	Hold 92.75° INC, 271.05° AZM
17,450.00	8,144.14	-438.82	-8,482.40	Drop 1.5°/100'
17,526.19	8,141.25	-437.42	-8,558.52	Hold 91.61° INC, 271.04° AZM
18,685.96	8,108.72	-416.29	-9,717.64	LTP @ 18685.96' MD
18,736.13	8,107.31	-415.37	-9,767.78	TD at 18736.13' MD

HYDROGEN SULFIDE (H_2S) DRILLING OPERATIONS PLAN

Hydrogen Sulfide Training:

All regularly assigned personnel, contracted or employed by Apache Corporation will receive training from qualified instructor(s) in the following areas prior to commencing drilling possible hydrogen sulfide bearing formations in this well:

- The hazards and characteristics of hydrogen sulfide (H_2S)
- The proper use and maintenance of personal protective equipment and life support systems.
- The proper use of H_2S detectors, alarms, warning systems, briefing area, evacuation procedures & prevailing winds.
- The proper techniques for first aid and rescue procedures.

Supervisory personnel will be trained in the following areas:

- The effects of H_2S on metal components. If high tensile tubulars are to be utilized, personnel will be trained in their special maintenance requirements.
- Corrective action & shut-in procedures when drilling or reworking a well & blowout prevention / well control procedures.
- The contents and requirements of the H_2S Drilling Operations Plan

There will be an initial training session just prior to encountering a known or probable H_2S zone (within 3 days or 500') and weekly H_2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H_2S Drilling Operations Plan and the Public Protection Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received proper training.

H_2S SAFETY EQUIPMENT AND SYSTEMS:

Well Control Equipment that will be available & installed if H_2S is encountered:

- Flare Line with electronic igniter or continuous pilot.
- Choke manifold with a minimum of one remote choke.
- Blind rams & pipe rams to accommodate all pipe sizes with properly sized closing unit.
- Auxiliary equipment to include: annular preventer, mud-gas separator, rotating head & flare gun with flares

Protective Equipment for Essential Personnel:

- Mark II Survive-air 30 minute units located in dog house & at briefing areas, as indicated on wellsite diagram.

H2S Dection and Monitoring Equipment:

- Two portable H_2S monitors positioned on location for best coverage & response. These units have warning lights & audible sirens when H_2S levels of 20 ppm are reached.
- One portable H_2S monitor positioned near flare line.

H2S Visual Warning Systems:

- Wind direction indicators are shown on wellsite diagram.
- Caution / Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used when appropriate.

Mud Program:

- The Mud Program has been designed to minimize the volume of H_2S circulated to the surface. Proper mud weights, safe drilling practices & the use of H_2S scavengers will minimize hazards when penetrating H_2S bearing zones.
- A mud-gas separator and H_2S gas buster will be utilized as needed.

Metallurgy:

- All drill strings, casing, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold & lines, & valves will be suitable for H_2S service.
- All elastomers used for packing & seals shall be H_2S trim.

Communication:

- Cellular telephone and 2-way radio communications in company vehicles, rig floor and mud logging trailer.

HYDROGEN SULFIDE (H_2S) CONTINGENCY PLAN

Assumed 100 ppm ROE = 3000'

100 ppm H_2S concentration shall trigger activation of this plan.

Emergency Procedures

In the event of a release of gas containing H_2S, the first responder(s) must

- Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- Evacuate any public places encompassed by the 100 ppm ROE.
- Be equipped with H_2S monitors and air packs in order to control the release.
- Use the "buddy system" to ensure no injuries occur during the response
- Take precautions to avoid personal injury during this operation.
- Contact operators and/or local officials to aid in operation. See list of phone numbers attached.
- Have received training in the :
  - Detection of H_2S, and
  - Measures for protection against the gas,
  - Equipment used for protection and emergency response.

Ignition of Gas source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO_2). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever this is an ignition of the gas.

Characteristics of H_2S and SO_2

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H_2S	1.189 Air = I	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO_2	2.21 Air = I	2 ppm	N/A	1000 ppm

Contacting Authorities

Apache Corporation personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available including directions to site. The following call list of essential and potential responders has been prepared for use during a release. Apache's response must be in coordination with the State of New Mexico's *"Hazardous Materials Emergency Response Plan" (HMER).*

WELL CONTROL EMERGENCY RESPONSE PLAN

I. GENERAL PHILOSOPHY

Our objective is to ensure that during an emergency, a predetermined procedure is followed so that prompt decisions can be made based on accurate information.

The best way to handle and emergency is with an experienced organization set up for the sole purpose of solving the problem. The *Well Control Emergency Response Team* was organized to handle dangerous & expensive well control problems. The *Team* is structured such that each individual can contribute the most from his area of expertise. Key decision-makers are determined prior to an emergency to avoid confusion about who is in charge.

If the well is flowing uncontrolled at the surface or subsurface, *The Emergency Response Team* will be mobilized. The *Team* is customized for the people currently on the Apache staff. Staff changes may require a change in the plan.

II. EMERGENCY PROCEDURE ON DRILLING OR COMPLETION OPERATIONS

A. In the event of an emergency the *Drilling Foreman or Tool-Pusher* will immediately contact only one of the following starting with the first name listed:

Name	Office	Mobile	Home
David LeBlanc– Drlg Superintendent		972-439-4872	
Jonathan Rebenack – Drilling Engineer	713-296-6061	281-782-5493	
Roy DeNapoli – Drilling Manager	713-296-6739	832-275-8531	
Ted Ward EH&S Coordinator	432-234-0600	432-818-1606	

***This one phone call will free the Drilling Foreman to devote his full time to securing the safety of personnel & equipment. This call will initiate the process to mobilize the Well Control Emergency Response Team. Apache maintains an Emergency Telephone Conference Room in the Houston office. This room is available for us by the Permian Region. The room has 50 separate telephone lines.*

B. The Apache employee contacted by the Drilling Foreman will begin contacting the rest of the *Team*. If **DAVID LE BLANC** is out of contact**, JONATHAN REVENACK** will be notified.

C. If a member of the *Emergency Response Team* is away from the job, he must be available for call back. Telephone numbers should be left with secretaries or a key decision-maker.

D. Apache's reporting procedure for spills or releases of oil or hazardous materials will be implemented when spills or releases have occurred or are probable.

EMERGENCY RESPONSE NUMBERS:

SHERIFF DEPARTMENT	
Eddy County	575-887-7551
Lea County	575-396-3611
FIRE DEPARTMENT	911
Artesia	575-746-5050
Carlsbad	575-885-2111
Eunice	575-394-2111
Hobbs	575-397-9308
Jal	575-395-2221
Lovington	575-396-2359
HOSPITALS	911
Artesia Medical Emergency	575-746-5050
Carlsbad Medical Emergency	575-885-2111
Eunice Medical Emergency	575-394-2112
Hobbs Medical Emergency	575-397-9308
Jal Medical Emergency	575-395-2221
Lovington Medical Emergency	575-396-2359
AGENT NOTIFICATIONS	
Bureau of Land Management	575-393-3612
New Mexico Oil Conservation Division	575-393-6161

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: APACHE CORPORATION **OGRID:** 873 **Date:** 10 / 8 /2024

II. Type: XX 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
Camacho 25 26 State Com 301H		Sec 25 T19S R27E	820' FNL 445' FEL	2409 bbl/d	4607 mmcf/d	2798 bbl/d
Camacho 25 26 State Com 302H		Sec 25 T19S R27E	2750' FNL 750' FEL	2409 bbl/d	4607 mmcf/d	2798 bbl/d
Camacho 25 26 State Com 303H		Sec 25 T19S R27E	2482' FSL 750' FEL	2409 bbl/d	4607 mmcf/d	2498 bbl/d
Camacho 25 26 State Com 304H		Sec 25 T19S R27E	337' FSL 650' FEL	2409 bbl/d	4607 mmcf/d	2798 bbl/d

IV. Central Delivery Point Name: Camacho 25 26 State CDP [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
Camacho 25 26 State Com 301H		11/10/2024	12/30/2024	Not yet scheduled	Not yet scheduled	Not yet scheduled
Camacho 25 26 State Com 302H		11/11/2024	12/17/2024	Not yet scheduled	Not yet scheduled	Not yet scheduled
Camacho 25 26 State Com 303H		11/12/2024	12/3/2024	Not yet scheduled	Not yet scheduled	Not yet scheduled
Camacho 25 26 State Com 304H		11/13/2024	12/20/2024	Not yet scheduled	Not yet scheduled	Not yet scheduled

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

VII. Operational Practices: XX 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: XX 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:

XX 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:	Sorina L Flores
Printed Name:	Sorina L Flores
Title:	EH&S Regulatory Advisor
E-mail Address:	sorina.flores@apachecorp.com
Date:	
Phone:	432-818-1167

OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

VI. SEPARATION EQUIPMENT

(Complete description of how Apache will size separation equipment to optimize gas capture)

Apache Corporation production tank batteries will include separation equipment designed to efficiently separate gas from liquid phases to optimize gas capture based on projected and estimated volumes from the targeted pool in conjunction with the total number of wells planned to/or existing within the facility. If determined to be undersized or needed, separation equipment will be upgraded prior to well(s) being drilled or completed. The separation equipment will be designed and built according to relevant industry specifications, ie API specifications 12J and ASME Sec VIII Div 1. Other recognized industry publications such as Gas Processors Suppliers Association will be referenced when designing separation equipment to optimize gas capture.

VII. OPERATIONAL PRACTICES

(Complete description of actions Apache will take to comply with the requirements of Subsection A-F of 19.15.27.8 NMAC)

(A) Venting & flaring of natural gas

- Apache acknowledges venting or flaring of natural gas during drilling, completion, or production operations constitutes was as defined in 19.15.2 NMAC is prohibited. Apache will maximize recovery of natural gas by minimizing waste of natural gas through venting and flaring. During drilling, completion and production operations, Apache will vent, or flare natural gas only as authorized in subsections B, C and D of 19.15.27.8 NMAC. Apache shall flare rather than vent natural gas except when flaring technically infeasible or would pose a risk to safe operations or personnel safety, and venting is a safer alternative than flaring.

(B) Venting & flaring during drilling operations

- Apache shall capture or combust natural gas, if technically feasible, using best industry practices and control technologies
- A properly sized flare stack will be located at a minimum of 100 feet from the nearest surface hole location unless otherwise approved by the division.
- In the event of an emergency or malfunction, Apache may vent natural gas to avoid risk of an immediate and substantial adverse impact on safety, public health, or the environment. Apache shall report natural gas vented or flared during an emergency or malfunction to the NMOCD division pursuant Paragraph (1) of Subsection G of 19.15.27.8 NMAC.

(C) Venting & flaring during completions and recompletion

- During initial flowback, Apache shall route flowback fluids into a completion or storage tank and, if technically feasible under the applicable well conditions, flare rather than vent and commence operations of a separator as soon as it is technically feasible for a separator to function.
- During separation flowback, Apache shall capture and route natural gas from separation equipment:
  - To a gas flowline or collection system, reinject into the well, or use on-site as a fuel source or other purpose that a purchased fuel or raw material would serve; or
  - To flare if routing natural gas to a gas flowline or collecting system, reinjecting it into the well, or using it on-site as fuel source or other purpose that a purchased fuel or raw material would serve would pose a risk to safe operation or personnel safety.
- If natural gas does not meet gathering pipeline quality specifications, Apache may flare natural gas for 60 days or until the natural gas meets pipeline quality specifications, whichever is sooner, provided:
  - A properly sized flare stack is equipped with an automatic igniter or continuous pilot
  - Apache analyzes natural gas samples twice per week
  - Apache routs natural gas into a gathering pipeline as soon as pipeline specifications are met
  - Apache provides pipeline specifications and natural gas analyses to NMOCD division upon request

(D) Venting & flaring during production operations

- Apache shall not vent or flare natural gas except:
  - During an emergency or malfunction
  - To unload or clean up liquid holdup in a well to atmospheric pressure, provided:
    - Apache does not vent after well achieves stabilized rate and pressure
    - For liquids unloading by manual purging, Apache remains present on-site until the end of unloading or posts at the well site, contact information of personnel conducting liquids unloading operations in close proximity (<30 minutes' drive time) of well being unloaded until end of unloading, takes all

reasonable actions to achieve stabilized rate and pressure at earliest practical time and takes reasonable actions to minimize venting to maximum extent practicable
- Apache will optimize system to minimize venting of natural gas for any well equipped with a plunger lift system or automated control system
- During downhole maintenance, best management practices will be used to the extent that it does not pose a risk to safe operations and personnel safety.

♦ During first 12 months of production from an exploratory well, or as extended by the division for good cause shown, provided:
- Apache proposes and the division approves well as exploratory
- Apache is in compliance with its' statewide gas capture requirements
- Apache submits an updated C-129 form to the division, including a NGMP and timeline for connecting well to a natural gas gathering system or otherwise approved by the division

♦ During the following activities unless prohibited
- Gauging or sampling a storage tank or other low pressure production vessel
- Loading out liquids from a storage tank or other low pressure production vessel to a transport vehicle
- Repair and maintenance, including blowing down and depressurizing production equipment to perform repair and maintenance
- Normal operation of gas activated pneumatic controller or pump
- Normal operation of storage tank or other low pressure production vessel, but not including venting from a thief hatch that is not properly closed or maintained on an established schedule
- Normal operations of dehydration units and amine treatment units
- Normal operations of compressors, compressor engines, and turbines
- Normal operations of valves, flanges and connectors that is not the result of inadequate equipment design or maintenance
- Bradenhead, packer leakage test or production test lasting less than 24 hours unless the division requires or approves a longer test period
- When natural gas does not meet gathering pipeline specifications
- Commissioning of pipelines, equipment, or facilities only for as long as necessary to purge introduced impurities from pipeline or equipment

(E) Performance standards

➢ All tanks and separation equipment are designed for maximum thoughput and pressure to minimize waste
➢ Permanent storage tanks associated with production operations that is routed to a flare or control device installed after May 25, 2021, shall equip storage tank with an automatic gauging system that reduces venting of natural gas
➢ Apache will install a flare properly sized and designed to ensure proper combustion efficiency
  ♦ Flare stack installed or replaced after May 25, 2021, shall be equipped with an automatic ignitor or continuous pilot
  ♦ Flare stack installed before May 25, 2021, shall be retrofitted with an automatic ignitor, continuous pilot or technology that alerts operator that flare may have malfunctioned no later than 18 months after May 25, 2021
  ♦ Flare stack located at well or facility, with an average daily production of equal to or less than 60 mcf of natural gas shall be equipped with an automatic ignitor or continuous pilot if flare stack is replaced after May 25, 2021
➢ Flare stack constructed after May 25, 2021, shall be securely anchored, and located at least 100 feet from well and storage tanks unless otherwise approved by the division
➢ At any point in the life of the well (drilling, completion, production, inactive) an audio, visual and olfactory (AVO) inspection will be performed weekly, during first year of production and on well or facility with average daily production greater than 60,000 cubic feet of natural gas, to confirm all production components are operating properly and there are no leaks or releases except as allowed in Subsection D of 19.15.27.8 NMAC.
➢ Apache will make and keep records of AVO inspections available to NMOCD for at least 5 years
➢ Apache may use a remote or automated monitoring technology to detect leaks and release in lieu of AVO inspections with prior NMOCD approval
➢ Facilities will be designed to minimize waste
➢ Apache will minimize waste and shall resolve emergencies as quickly and safely as feasible

(F) Measurement or estimation of vented and flared natural gas

- Apache shall measure or estimate volume of natural gas it vents, flares, or beneficially uses during drilling, completion, and production operations regardless of the reason or authorization for such venting or flaring
- Measurement equipment will be installed to measure volume of natural gas flared from existing process piping or flowline piped from equipment associated with a well or facility associated with approved application for permit to drill that has an average daily production greater than 60 mcf of natural gas
- Measuring equipment shall conform to an industry standard
- Measuring equipment shall not be designed or equipped with a manifold that allows diversion of natural gas around the metering element except for the sole purpose of inspecting and servicing the measurement equipment
- Apache may estimate volume of vented or flared natural gas using methodology that can be independently verified if metering is not practicable due to low flow rate or pressure
- Apache will estimate volume of vented and flared natural gas based on result of an annual GOR test for that well reported on form C-116 to allow division to independently verify volume and rate of flared natural gas for a well that does not require measuring equipment
- Apache shall install measuring equipment whenever the division determines metering is practicable or the existing measuring equipment or GOR test is not sufficient to measure volume of vented and flared natural gas

VIII. BEST MANAGEMENT PRACTICES

(Complete description of Apache's best management practices to minimize venting during active and planned maintenance)

- Apache has a flare stack designed to handle sufficient volume to ensure proper combustion efficiency. Flare stacks are securely anchored at lease 100 feed from wells and storage tanks and are equipped with continuous pilots.
- Apache will not produce oil or gas but will maintain adequate well control through completion operations
- Apache will not flow well during initial production until all flowlines, tank batteries, and oil/gas takeaway are installed, tested, and determined operational
- Apache will equip storage tanks with automatic gauging system to reduce venting of natural gas
- When feasible, Apache will combust natural gas that would otherwise be vented or flared
- When feasible, Apache will minimize venting through pump downs of vessels and reducing time required to purge equipment before returning to service
- When feasible, Apache will shut in wells in the event of a takeaway disruption, emergency situations, or other operations where venting or flaring may occur due to equipment failures
- Reduce number of blowdowns by looking for opportunities to coordinate repair and maintenance activities