

Santa Fe Main Office

Phone: (505) 476-3441 Fax: (55) 476-3462

General Information

Phone: (505) 629-6116

Online Phone Directory Visit:

<https://www.emnrd.nm.gov/ocd/contact-us/>State of New Mexico
Energy, Minerals and Natural ResourcesForm C-103
Revised July 18, 2013OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-55000	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Camacho 25 26 State Com #335857	
8. Well Number 202H	
9. OGRID Number 873	
10. Pool name or Wildcat #97569 WINCHESTER; BONE SPRING, WEST	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator APACHE CORPORATION	
3. Address of Operator 303 VETERANS AIRPARK LN #1000, MIDLAND, TX 79705	
4. Well Location Unit Letter <u>I</u> : <u>2542</u> feet from the <u>SOUTH</u> line and <u>750</u> feet from the <u>EAST</u> line Section <u>25</u> Township <u>19S</u> Range <u>27E</u> NMPM County <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3470'	

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

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

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

Apache request to change SHL and well path to adjust for off lease surf waivers and to accommodate Palmillo 300 wells.

(New plat, dir survey attached):

OLD SHL: 2512' FSL & 750' FEL OLD BHL: 1873' FNL & 50' FWL
NEW SHL: 2542' FSL and 750' FEL NEW BHL: 1870' FNL & 50' FWL

OLD SURF CSG: Hole: 17-1/2" Csg Sz: 13-3/8" Setting: 400' Sx Cmt: 212 TOC: 0'
OLD INTERM CSG: Hole: 12-1/4" Csg Sz: 9-5/8" Setting: 3000' Sx Cmt: 579 TOC: 0'
OLD PROD CSG: Hole: 8-1/2" Csg Sz: 5-1/2" Setting: 17880' Sx Cmt: 2758 TOC: 400'

NEW SURF CSG: Hole: 17-1/2" Csg Sz: 13-3/8" Top MD: 0' Setting: 370' Sx Cmt: 260 TOC: 0'
NEW INTERM CSG: Hole: 12-1/4" Csg Sz: 9-5/8" Top MD: 0' Setting: 3300' Sx Cmt: 901 TOC: 0'
NEW PROD CSG: Hole: 8-3/4" Csg Sz: 5-1/2" Top MD: 0' Setting: 7400' Sx Cmt: 506 TOC: 2800'
NEW PROD CSG: Hole: 8-1/2" Csg Sz: 5-1/2" Top MD: 7400' Setting: 17784' Sx Cmt: 1819 TOC: 7400'

Spud Date:

Rig Release Date:

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

SIGNATURE _____ TITLE Regulatory Advisor – EH&S DATE 11/5/24

Type or print name Sorina L Flores E-mail address: sorina.flores@apachecorp.com PHONE: 432-818-1167

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-55000	Pool Code 97569	Pool Name WINCHESTER, BONE SPRING, WEST
Property Code 97569	Property Name CAMACHO 25-26 STATE COM	Well Number 202H
OGRID No. 873	Operator Name APACHE CORPORATION	Ground Level Elevation 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	-	2542' S	750' E	N 32.63094157	W 104.22633212	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
E	26	19-S	27-E	-	1870' N	50' W	N 32.63378707	W 104.25803261	EDDY

Dedicated Acres 319.89	Infill or Defining Well Y	Defining Well API 30-015-55000	Overlapping Spacing Unit (Y/N) Y	Consolidated Code 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
H	30	19-S	27-E	-	1870' N	50' E	N 32.63323608	W 104.22402997	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	25	19-S	27-E	-	1870' N	100' E	N 32.63323873	W 104.22419237	EDDY

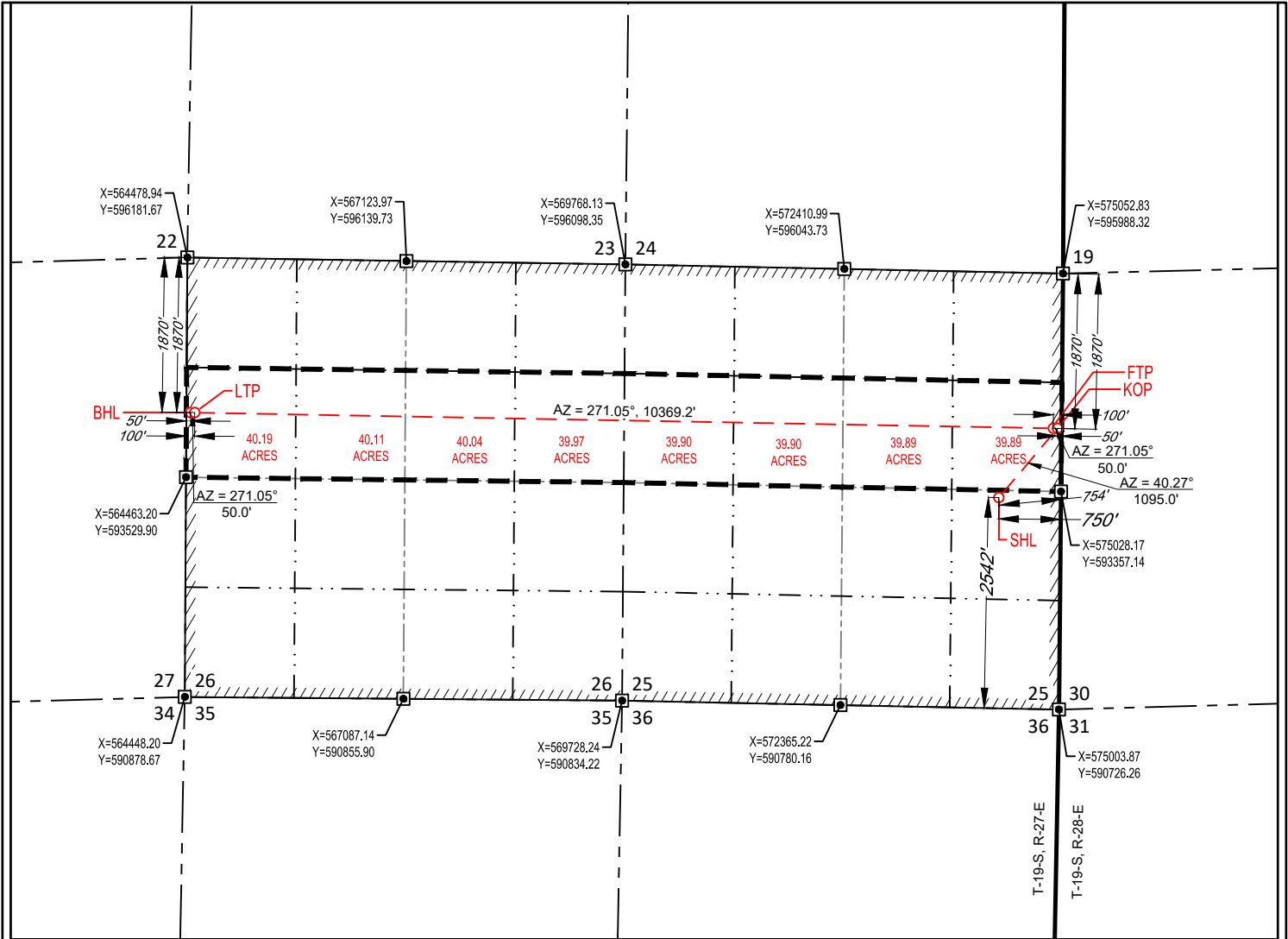
Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
E	26	19-S	27-E	-	1870' N	100' W	N 32.63378446	W 104.25787020	EDDY

Unitized Area or Area of Uniform Intrest -	Spacing Unity Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation 3470'
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OPERATOR CERTIFICATION <i>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.</i> <i>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.</i> <i>Sorina L Flores</i> 11/5/24 Signature Date SORINA L FLORES Print Name sorina.flores@apachecorp.com E-mail Address		SURVEYORS CERTIFICATION <i>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.</i>  Signature Date _____ Certificate Number Date of Survey _____ 09/25/2024	
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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☐ Amended Report
		☐ As Drilled	
Property Name and Well Number CAMACHO 25-26 STATE COM 202H			



SURFACE LOCATION (SHL)

NEW MEXICO EAST
NAD 1983
X=574277.5 Y=593284.0
LAT.: N 32.63094157
LONG.: W 104.22633212
2542' FSL 750' FEL

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983
X=574985.3 Y=594119.5
LAT.: N 32.63323608
LONG.: W 104.22402997
1870' FNL 50' FEL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST
NAD 1983
X=574935.3 Y=594120.4
LAT.: N 32.63323873
LONG.: W 104.22419237
1870' FNL 100' FEL

LAST TAKE POINT (LTP)

NEW MEXICO EAST
NAD 1983
X=564567.8 Y=594309.9
LAT.: N 32.63378446
LONG.: W 104.25787020
1870' FNL 100' FWL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST
NAD 1983
X=564517.8 Y=594310.8
LAT.: N 32.63378707
LONG.: W 104.25803261
1870' FNL 50' FWL

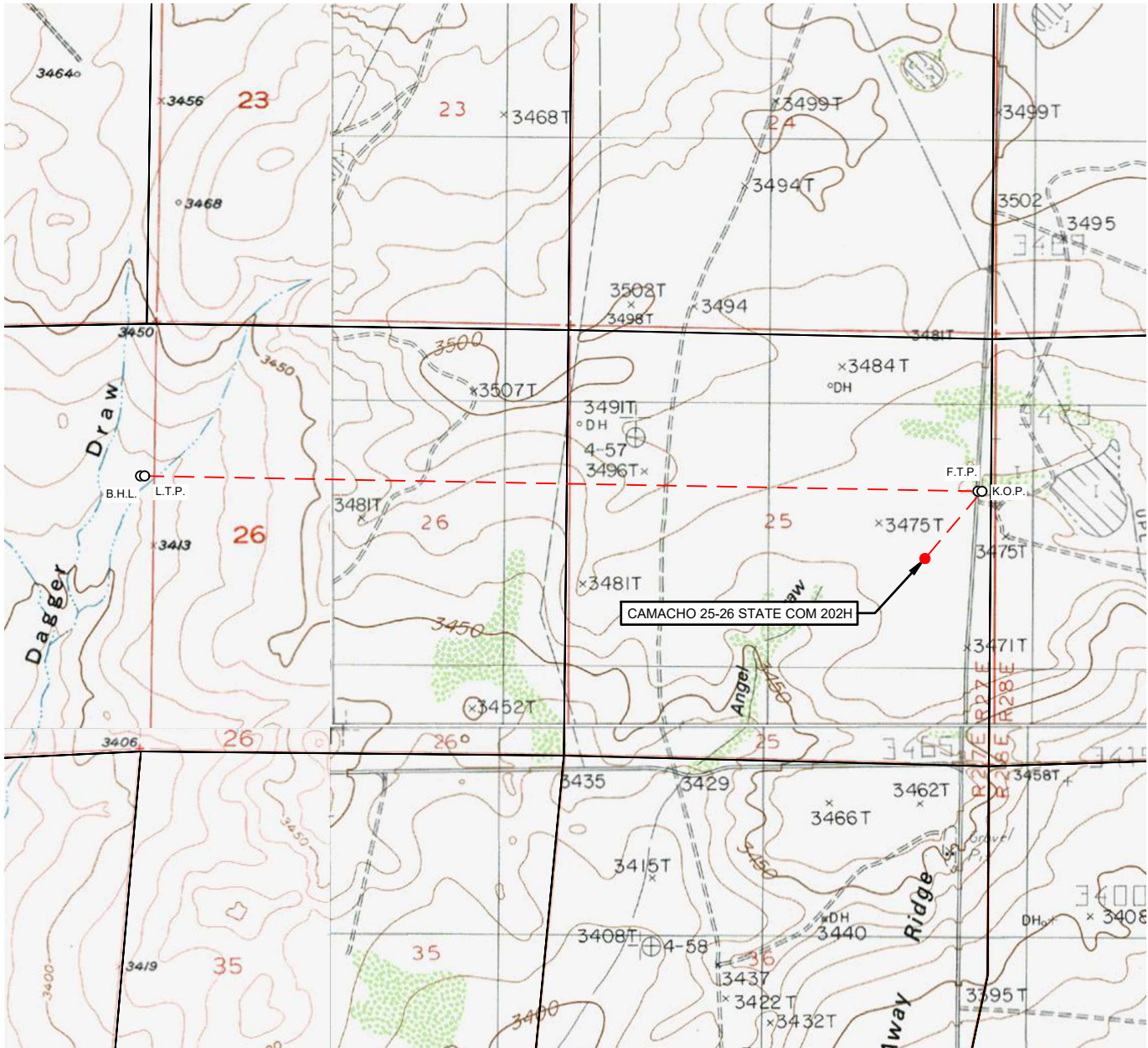
SURVEYORS CERTIFICATION

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



LOCATION & ELEVATION VERIFICATION MAP



Apache

LEASE NAME & WELL NO.: CAMACHO 25-26 STATE COM 202H

SECTION 25 TWP 19-S RGE 27-E SURVEY N.M.P.M.
 COUNTY EDDY STATE NM ELEVATION 3470'
 DESCRIPTION 2542' FSL & 750' FEL

LATITUDE N 32.63094157 LONGITUDE W 104.22633212

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.

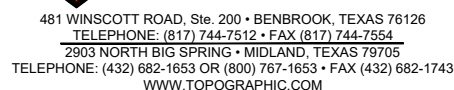


481 WINSOOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126

TELEPHONE: (817) 744-7512 • FAX (817) 744-7554

2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705

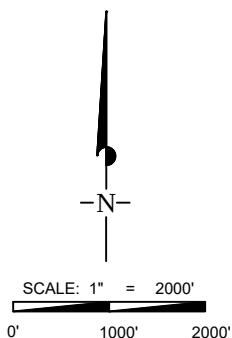
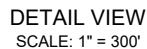
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Released to Imaging: 11/7/2024 8:11:19 AM S:\SURVEY\APACHE CORPORATION\CAMACHO_25-26_STATE_COM_REVISD_C-102S_SSE_EXHIBITS\FINAL_PRODUCTS\SILO_CAMACHO_25-26_STATE_COM_202H.DWG 11/4/2024 10:41:19 AM matthew.hughes



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



LEASE NAME & WELL NO.: CAMACHO 25-26 STATE COM 202H

SECTION 25 TWP 19-S RGE 27-E SURVEY N.M.P.M.
COUNTY EDDY STATE NM
DESCRIPTION 2542' 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.



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

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

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.



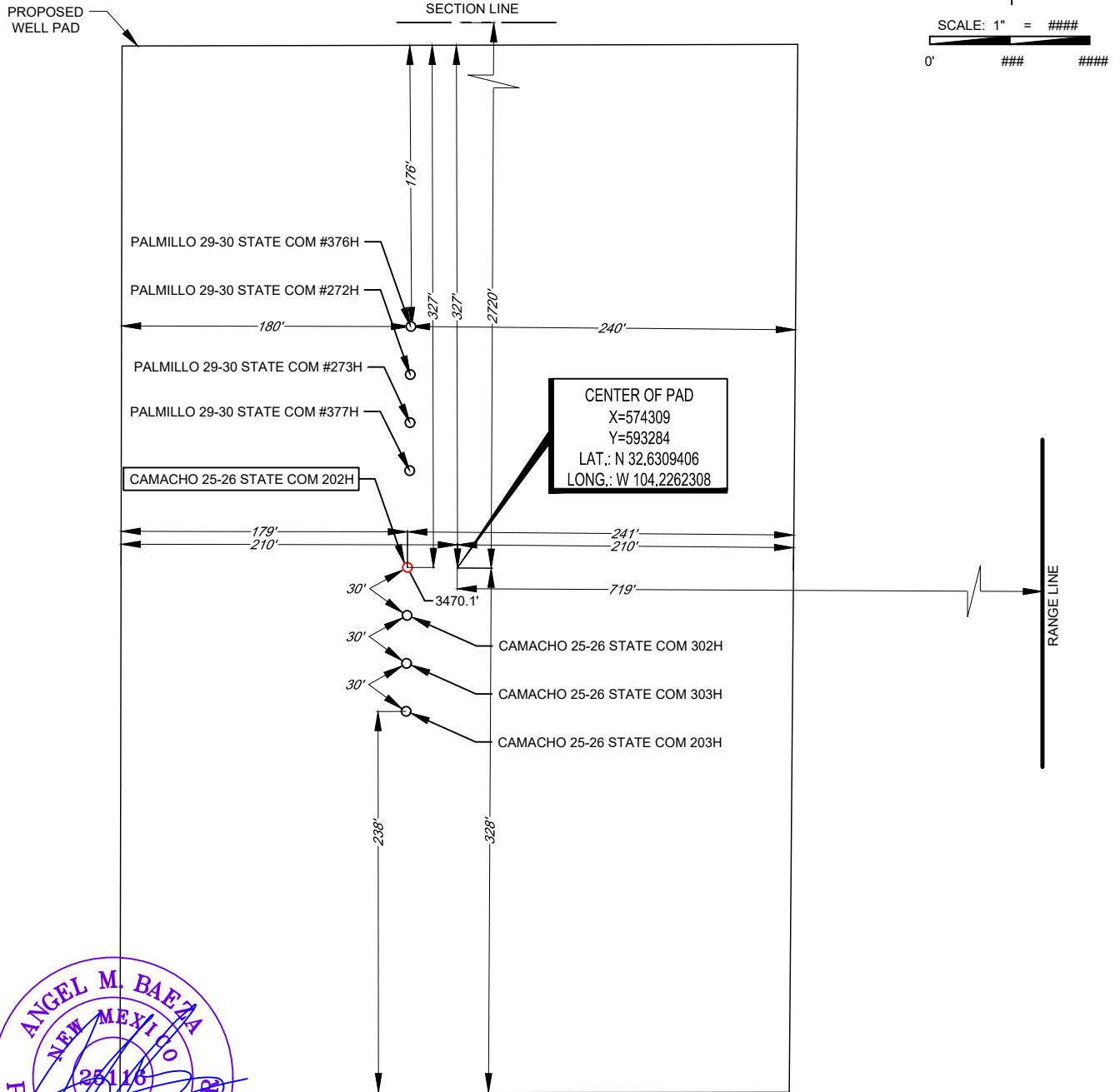
481 WINSKOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
 2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
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LEGEND

—— RANGE LINE
 --- SECTION LINE



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



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

LEASE NAME & WELL NO.: CAMACHO 25-26 STATE COM 202H
 202H LATITUDE N 32.63094157 202H LONGITUDE W 104.22633212

CENTER OF PAD IS 2543' FSL & 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"



481 WINSBROOK ROAD, Ste. 200 • BENBROOK, TEXAS 76126
 TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
 2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
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 WWW.TOPOGRAPHIC.COM

Apache Corporation

Eddy Co, NM (NAD83 NM E)

Camacho 25 26

Camacho 25-26 State Com 202H

OH

Plan: Plan #2

Standard Planning Report

23 October, 2024



Project: Eddy Co, NM (NAD83 NM E)
Site: Camacho 25 26
Well: Camacho 25-26 State Com 202H
Wellbore: OH
Design: Plan #2
Lat: 32.630942
Long: -104.226332
GL: 3470.10
KB: KB=25' @ 3495.10usft (Original Well Elev)

WELLBORE TARGET DETAILS (LAT/LONG)

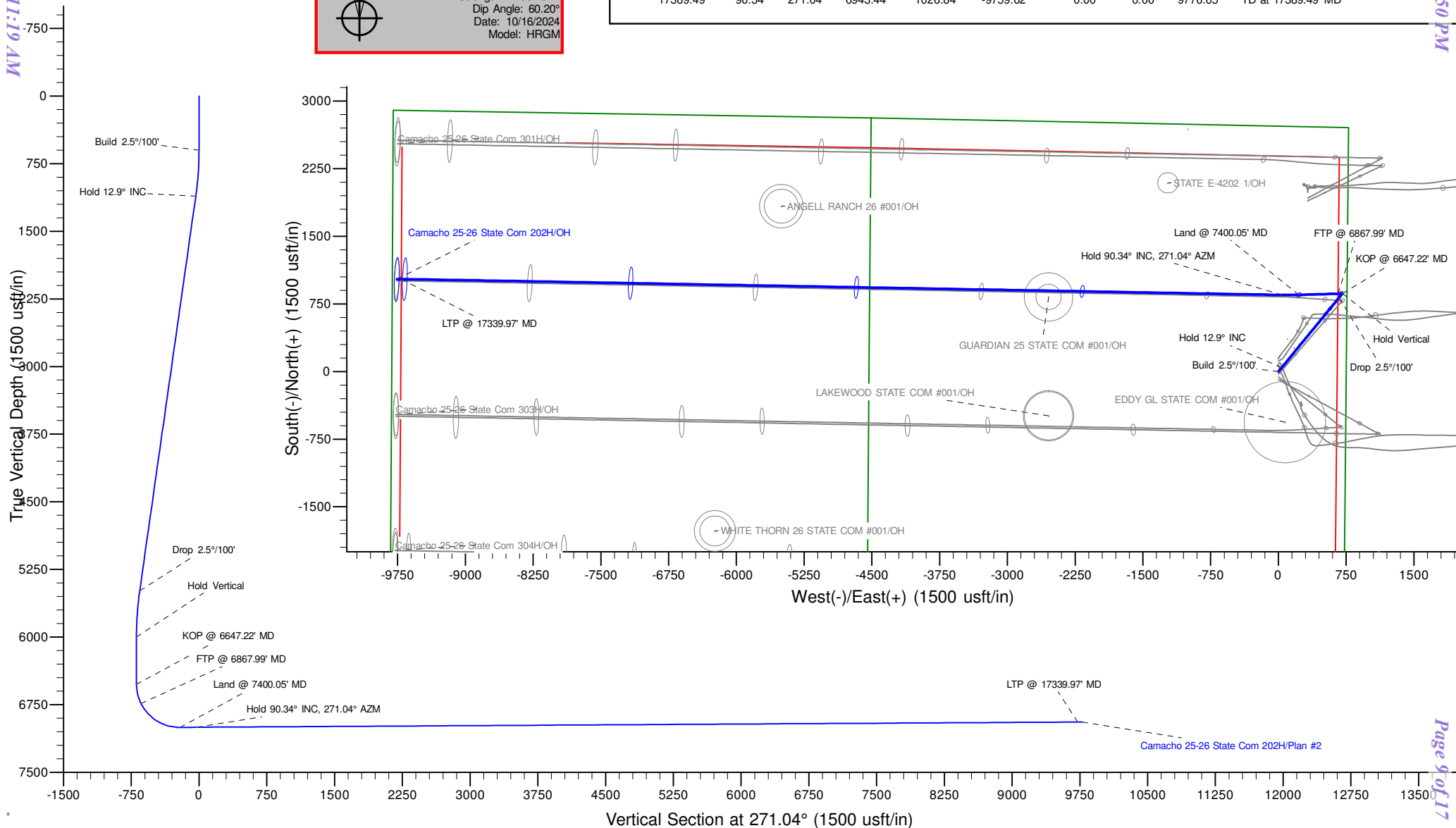
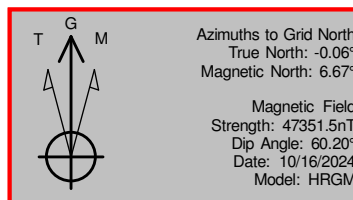
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Camacho 25-26 State COM #202H - KOP OL	835.47	835.47	708.08	594119.45	574985.54	Point
Camacho 25-26 State COM #202H - KOP	828.70	828.70	1135.63	594112.68	575413.09	Point
Camacho 25-26 State COM #202H - KOP	1026.84	1026.84	-9759.62	594310.82	564517.84	Point
Camacho 25-26 State COM #202H - KOP	836.39	836.39	657.86	594120.37	574935.32	Point
Camacho 25-26 State COM #202H - KOP	1025.92	1025.92	-9709.63	594309.90	564567.83	Point
Camacho 25-26 State COM #202H - KOP	835.58	835.58	757.85	594119.57	575035.32	Point

WELL DETAILS: Camacho 25-26 State Com 202H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	593283.98	574277.46	32.630942	-104.226332

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	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	Build 2.5°/100'
1115.89	12.90	39.30	1111.54	44.74	36.62	2.50	39.30	-35.81	Hold 12.9° INC
5606.08	12.90	39.30	5488.46	820.26	671.46	0.00	0.00	-656.46	Drop 2.5°/100'
6121.97	0.00	0.00	6000.00	865.00	708.08	2.50	180.00	-692.26	Hold Vertical
6647.22	0.00	0.00	6525.25	865.00	708.08	0.00	0.00	-692.26	KOP @ 6647.22' MD
7400.05	90.34	268.25	7002.71	850.33	228.01	12.00	268.25	-212.53	Land @ 7400.05' MD
7585.94	90.34	271.04	7001.60	849.18	42.14	1.50	89.99	-26.72	Hold 90.34° INC, 271.04° AZM
17389.49	90.34	271.04	6943.44	1026.84	-9759.62	0.00	0.00	9776.65	TD at 17389.49' MD



Planning Report

Database:	Fhartmann	Local Co-ordinate Reference:	Well Camacho 25-26 State Com 202H	
Company:	Apache Corporation	TVD Reference:	KB=25' @ 3495.10usft (Original Well Elev)	
Project:	Eddy Co, NM (NAD83 NM E)	MD Reference:	KB=25' @ 3495.10usft (Original Well Elev)	
Site:	Camacho 25 26	North Reference:	Grid	
Well:	Camacho 25-26 State Com 202H	Survey Calculation Method:	Minimum Curvature	
Wellbore:	OH			
Design:	Plan #2			

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 202H					
Well Position	+N/-S	0.00 usft	Northing:	593,283.98 usft	Latitude:	32.630942
	+E/-W	0.00 usft	Easting:	574,277.46 usft	Longitude:	-104.226332
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	47,351.51189618

Design	Plan #2				
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	10/23/2024			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	17,389.24 Plan #2 (OH)	MWD+HRGM		
			OWSG MWD + HRGM		

Planning Report

Database:	Fhartmann	Local Co-ordinate Reference:	Well Camacho 25-26 State Com 202H
Company:	Apache Corporation	TVD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Project:	Eddy Co, NM (NAD83 NM E)	MD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Site:	Camacho 25 26	North Reference:	Grid
Well:	Camacho 25-26 State Com 202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,115.89	12.90	39.30	1,111.54	44.74	36.62	2.50	2.50	0.00	39.30	
5,606.08	12.90	39.30	5,488.46	820.26	671.46	0.00	0.00	0.00	0.00	
6,121.97	0.00	0.00	6,000.00	865.00	708.08	2.50	-2.50	0.00	180.00	
6,647.22	0.00	0.00	6,525.25	865.00	708.08	0.00	0.00	0.00	0.00	
7,400.05	90.34	268.25	7,002.71	850.33	228.01	12.00	12.00	0.00	268.25	
7,585.94	90.34	271.04	7,001.60	849.18	42.14	1.50	0.00	1.50	89.99	
17,389.49	90.34	271.04	6,943.44	1,026.84	-9,759.62	0.00	0.00	0.00	0.00	

Planning Report

Database:	Fhartmann	Local Co-ordinate Reference:	Well Camacho 25-26 State Com 202H
Company:	Apache Corporation	TVD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Project:	Eddy Co, NM (NAD83 NM E)	MD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Site:	Camacho 25 26	North Reference:	Grid
Well:	Camacho 25-26 State Com 202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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
Build 2.5°/100'									
700.00	2.50	39.30	699.97	1.69	1.38	-1.35	2.50	2.50	0.00
800.00	5.00	39.30	799.75	6.75	5.52	-5.40	2.50	2.50	0.00
900.00	7.50	39.30	899.14	15.17	12.42	-12.14	2.50	2.50	0.00
1,000.00	10.00	39.30	997.97	26.94	22.05	-21.56	2.50	2.50	0.00
1,100.00	12.50	39.30	1,096.04	42.04	34.41	-33.64	2.50	2.50	0.00
1,115.89	12.90	39.30	1,111.54	44.74	36.62	-35.81	2.50	2.50	0.00
Hold 12.9° INC									
1,200.00	12.90	39.30	1,193.53	59.27	48.52	-47.43	0.00	0.00	0.00
1,300.00	12.90	39.30	1,291.01	76.54	62.65	-61.25	0.00	0.00	0.00
1,400.00	12.90	39.30	1,388.49	93.81	76.79	-75.08	0.00	0.00	0.00
1,500.00	12.90	39.30	1,485.96	111.08	90.93	-88.90	0.00	0.00	0.00
1,600.00	12.90	39.30	1,583.44	128.35	105.07	-102.72	0.00	0.00	0.00
1,700.00	12.90	39.30	1,680.92	145.62	119.21	-116.54	0.00	0.00	0.00
1,800.00	12.90	39.30	1,778.40	162.90	133.34	-130.37	0.00	0.00	0.00
1,900.00	12.90	39.30	1,875.87	180.17	147.48	-144.19	0.00	0.00	0.00
2,000.00	12.90	39.30	1,973.35	197.44	161.62	-158.01	0.00	0.00	0.00
2,100.00	12.90	39.30	2,070.83	214.71	175.76	-171.83	0.00	0.00	0.00
2,200.00	12.90	39.30	2,168.30	231.98	189.90	-185.66	0.00	0.00	0.00
2,300.00	12.90	39.30	2,265.78	249.25	204.04	-199.48	0.00	0.00	0.00
2,400.00	12.90	39.30	2,363.26	266.52	218.17	-213.30	0.00	0.00	0.00
2,500.00	12.90	39.30	2,460.74	283.80	232.31	-227.12	0.00	0.00	0.00
2,600.00	12.90	39.30	2,558.21	301.07	246.45	-240.95	0.00	0.00	0.00
2,700.00	12.90	39.30	2,655.69	318.34	260.59	-254.77	0.00	0.00	0.00
2,800.00	12.90	39.30	2,753.17	335.61	274.73	-268.59	0.00	0.00	0.00
2,900.00	12.90	39.30	2,850.65	352.88	288.86	-282.41	0.00	0.00	0.00
3,000.00	12.90	39.30	2,948.12	370.15	303.00	-296.23	0.00	0.00	0.00
3,100.00	12.90	39.30	3,045.60	387.42	317.14	-310.06	0.00	0.00	0.00
3,200.00	12.90	39.30	3,143.08	404.70	331.28	-323.88	0.00	0.00	0.00
3,300.00	12.90	39.30	3,240.55	421.97	345.42	-337.70	0.00	0.00	0.00
3,400.00	12.90	39.30	3,338.03	439.24	359.56	-351.52	0.00	0.00	0.00
3,500.00	12.90	39.30	3,435.51	456.51	373.69	-365.35	0.00	0.00	0.00
3,600.00	12.90	39.30	3,532.99	473.78	387.83	-379.17	0.00	0.00	0.00
3,700.00	12.90	39.30	3,630.46	491.05	401.97	-392.99	0.00	0.00	0.00
3,800.00	12.90	39.30	3,727.94	508.32	416.11	-406.81	0.00	0.00	0.00
3,900.00	12.90	39.30	3,825.42	525.60	430.25	-420.64	0.00	0.00	0.00
4,000.00	12.90	39.30	3,922.89	542.87	444.38	-434.46	0.00	0.00	0.00
4,100.00	12.90	39.30	4,020.37	560.14	458.52	-448.28	0.00	0.00	0.00
4,200.00	12.90	39.30	4,117.85	577.41	472.66	-462.10	0.00	0.00	0.00
4,300.00	12.90	39.30	4,215.33	594.68	486.80	-475.93	0.00	0.00	0.00
4,400.00	12.90	39.30	4,312.80	611.95	500.94	-489.75	0.00	0.00	0.00
4,500.00	12.90	39.30	4,410.28	629.22	515.08	-503.57	0.00	0.00	0.00
4,600.00	12.90	39.30	4,507.76	646.50	529.21	-517.39	0.00	0.00	0.00
4,700.00	12.90	39.30	4,605.24	663.77	543.35	-531.22	0.00	0.00	0.00
4,800.00	12.90	39.30	4,702.71	681.04	557.49	-545.04	0.00	0.00	0.00
4,900.00	12.90	39.30	4,800.19	698.31	571.63	-558.86	0.00	0.00	0.00
5,000.00	12.90	39.30	4,897.67	715.58	585.77	-572.68	0.00	0.00	0.00

Planning Report

Database:	Fhartmann	Local Co-ordinate Reference:	Well Camacho 25-26 State Com 202H
Company:	Apache Corporation	TVD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Project:	Eddy Co, NM (NAD83 NM E)	MD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Site:	Camacho 25 26	North Reference:	Grid
Well:	Camacho 25-26 State Com 202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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	12.90	39.30	4,995.14	732.85	599.91	-586.50	0.00	0.00	0.00	
5,200.00	12.90	39.30	5,092.62	750.12	614.04	-600.33	0.00	0.00	0.00	
5,300.00	12.90	39.30	5,190.10	767.40	628.18	-614.15	0.00	0.00	0.00	
5,400.00	12.90	39.30	5,287.58	784.67	642.32	-627.97	0.00	0.00	0.00	
5,500.00	12.90	39.30	5,385.05	801.94	656.46	-641.79	0.00	0.00	0.00	
5,606.08	12.90	39.30	5,488.46	820.26	671.46	-656.46	0.00	0.00	0.00	
Drop 2.5°/100'										
5,700.00	10.55	39.30	5,580.41	835.03	683.54	-668.27	2.50	-2.50	0.00	
5,800.00	8.05	39.30	5,679.09	847.53	693.78	-678.28	2.50	-2.50	0.00	
5,900.00	5.55	39.30	5,778.38	856.69	701.28	-685.61	2.50	-2.50	0.00	
6,000.00	3.05	39.30	5,878.09	862.49	706.02	-690.25	2.50	-2.50	0.00	
6,100.00	0.55	39.30	5,978.03	864.92	708.01	-692.20	2.50	-2.50	0.00	
6,121.97	0.00	0.00	6,000.00	865.00	708.08	-692.26	2.50	-2.50	0.00	
Hold Vertical										
6,200.00	0.00	0.00	6,078.03	865.00	708.08	-692.26	0.00	0.00	0.00	
6,300.00	0.00	0.00	6,178.03	865.00	708.08	-692.26	0.00	0.00	0.00	
6,400.00	0.00	0.00	6,278.03	865.00	708.08	-692.26	0.00	0.00	0.00	
6,500.00	0.00	0.00	6,378.03	865.00	708.08	-692.26	0.00	0.00	0.00	
6,600.00	0.00	0.00	6,478.03	865.00	708.08	-692.26	0.00	0.00	0.00	
6,647.22	0.00	0.00	6,525.25	865.00	708.08	-692.26	0.00	0.00	0.00	
KOP @ 6647.22' MD										
6,650.00	0.33	268.25	6,528.03	865.00	708.07	-692.25	12.01	12.01	0.00	
6,675.00	3.33	268.25	6,553.02	864.98	707.27	-691.46	12.00	12.00	0.00	
6,700.00	6.33	268.25	6,577.92	864.91	705.17	-689.35	12.00	12.00	0.00	
6,725.00	9.33	268.25	6,602.69	864.81	701.76	-685.95	12.00	12.00	0.00	
6,750.00	12.33	268.25	6,627.24	864.66	697.06	-681.26	12.00	12.00	0.00	
6,775.00	15.33	268.25	6,651.51	864.48	691.09	-675.29	12.00	12.00	0.00	
6,800.00	18.33	268.25	6,675.44	864.26	683.85	-668.06	12.00	12.00	0.00	
6,825.00	21.33	268.25	6,698.95	864.00	675.38	-659.58	12.00	12.00	0.00	
6,850.00	24.33	268.25	6,721.99	863.70	665.68	-649.90	12.00	12.00	0.00	
6,867.99	26.49	268.25	6,738.24	863.47	657.97	-642.18	12.00	12.00	0.00	
FTP @ 6867.99' MD										
6,875.00	27.33	268.25	6,744.49	863.37	654.79	-639.02	12.00	12.00	0.00	
6,900.00	30.33	268.25	6,766.39	863.00	642.74	-626.97	12.00	12.00	0.00	
6,925.00	33.33	268.25	6,787.62	862.60	629.57	-613.80	12.00	12.00	0.00	
6,950.00	36.33	268.25	6,808.14	862.17	615.29	-599.54	12.00	12.00	0.00	
6,975.00	39.33	268.25	6,827.88	861.70	599.97	-584.23	12.00	12.00	0.00	
7,000.00	42.33	268.25	6,846.80	861.20	583.63	-567.90	12.00	12.00	0.00	
7,025.00	45.33	268.25	6,864.83	860.67	566.33	-550.61	12.00	12.00	0.00	
7,050.00	48.33	268.25	6,881.93	860.11	548.10	-532.40	12.00	12.00	0.00	
7,075.00	51.33	268.25	6,898.05	859.53	529.01	-513.32	12.00	12.00	0.00	
7,100.00	54.33	268.25	6,913.16	858.92	509.10	-493.43	12.00	12.00	0.00	
7,125.00	57.33	268.25	6,927.19	858.29	488.43	-472.77	12.00	12.00	0.00	
7,150.00	60.33	268.25	6,940.13	857.64	467.05	-451.40	12.00	12.00	0.00	
7,175.00	63.33	268.25	6,951.93	856.96	445.02	-429.39	12.00	12.00	0.00	
7,200.00	66.33	268.25	6,962.56	856.27	422.41	-406.79	12.00	12.00	0.00	
7,225.00	69.33	268.25	6,971.99	855.56	399.27	-383.67	12.00	12.00	0.00	
7,250.00	72.33	268.25	6,980.20	854.84	375.67	-360.09	12.00	12.00	0.00	
7,275.00	75.33	268.25	6,987.16	854.11	351.67	-336.11	12.00	12.00	0.00	
7,300.00	78.33	268.25	6,992.85	853.37	327.34	-311.80	12.00	12.00	0.00	
7,325.00	81.33	268.25	6,997.26	852.62	302.75	-287.22	12.00	12.00	0.00	
7,350.00	84.33	268.25	7,000.38	851.86	277.96	-262.45	12.00	12.00	0.00	
7,375.00	87.33	268.25	7,002.20	851.10	253.04	-237.55	12.00	12.00	0.00	

Planning Report

Database:	Fhartmann	Local Co-ordinate Reference:	Well Camacho 25-26 State Com 202H
Company:	Apache Corporation	TVD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Project:	Eddy Co, NM (NAD83 NM E)	MD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Site:	Camacho 25 26	North Reference:	Grid
Well:	Camacho 25-26 State Com 202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)	
7,400.05	90.34	268.25	7,002.71	850.33	228.01	-212.54	12.00	12.00	0.00	
Land @ 7400.05' MD										
7,500.00	90.34	269.75	7,002.11	848.59	128.08	-112.65	1.50	0.00	1.50	
7,585.94	90.34	271.04	7,001.60	849.18	42.14	-26.72	1.50	0.00	1.50	
Hold 90.34° INC, 271.04° AZM										
7,600.00	90.34	271.04	7,001.52	849.43	28.09	-12.66	0.00	0.00	0.00	
7,700.00	90.34	271.04	7,000.93	851.25	-71.90	87.34	0.00	0.00	0.00	
7,800.00	90.34	271.04	7,000.33	853.06	-171.88	187.33	0.00	0.00	0.00	
7,900.00	90.34	271.04	6,999.74	854.87	-271.86	287.33	0.00	0.00	0.00	
8,000.00	90.34	271.04	6,999.15	856.68	-371.84	387.33	0.00	0.00	0.00	
8,100.00	90.34	271.04	6,998.55	858.49	-471.82	487.33	0.00	0.00	0.00	
8,200.00	90.34	271.04	6,997.96	860.31	-571.81	587.33	0.00	0.00	0.00	
8,300.00	90.34	271.04	6,997.37	862.12	-671.79	687.32	0.00	0.00	0.00	
8,400.00	90.34	271.04	6,996.77	863.93	-771.77	787.32	0.00	0.00	0.00	
8,500.00	90.34	271.04	6,996.18	865.74	-871.75	887.32	0.00	0.00	0.00	
8,600.00	90.34	271.04	6,995.59	867.55	-971.73	987.32	0.00	0.00	0.00	
8,700.00	90.34	271.04	6,994.99	869.37	-1,071.72	1,087.32	0.00	0.00	0.00	
8,800.00	90.34	271.04	6,994.40	871.18	-1,171.70	1,187.32	0.00	0.00	0.00	
8,900.00	90.34	271.04	6,993.81	872.99	-1,271.68	1,287.31	0.00	0.00	0.00	
9,000.00	90.34	271.04	6,993.21	874.80	-1,371.66	1,387.31	0.00	0.00	0.00	
9,100.00	90.34	271.04	6,992.62	876.62	-1,471.64	1,487.31	0.00	0.00	0.00	
9,200.00	90.34	271.04	6,992.03	878.43	-1,571.62	1,587.31	0.00	0.00	0.00	
9,300.00	90.34	271.04	6,991.43	880.24	-1,671.61	1,687.31	0.00	0.00	0.00	
9,400.00	90.34	271.04	6,990.84	882.05	-1,771.59	1,787.31	0.00	0.00	0.00	
9,500.00	90.34	271.04	6,990.25	883.86	-1,871.57	1,887.30	0.00	0.00	0.00	
9,600.00	90.34	271.04	6,989.65	885.68	-1,971.55	1,987.30	0.00	0.00	0.00	
9,700.00	90.34	271.04	6,989.06	887.49	-2,071.53	2,087.30	0.00	0.00	0.00	
9,800.00	90.34	271.04	6,988.47	889.30	-2,171.52	2,187.30	0.00	0.00	0.00	
9,900.00	90.34	271.04	6,987.87	891.11	-2,271.50	2,287.30	0.00	0.00	0.00	
10,000.00	90.34	271.04	6,987.28	892.93	-2,371.48	2,387.29	0.00	0.00	0.00	
10,100.00	90.34	271.04	6,986.69	894.74	-2,471.46	2,487.29	0.00	0.00	0.00	
10,200.00	90.34	271.04	6,986.09	896.55	-2,571.44	2,587.29	0.00	0.00	0.00	
10,300.00	90.34	271.04	6,985.50	898.36	-2,671.42	2,687.29	0.00	0.00	0.00	
10,400.00	90.34	271.04	6,984.91	900.17	-2,771.41	2,787.29	0.00	0.00	0.00	
10,500.00	90.34	271.04	6,984.31	901.99	-2,871.39	2,887.29	0.00	0.00	0.00	
10,600.00	90.34	271.04	6,983.72	903.80	-2,971.37	2,987.28	0.00	0.00	0.00	
10,700.00	90.34	271.04	6,983.13	905.61	-3,071.35	3,087.28	0.00	0.00	0.00	
10,800.00	90.34	271.04	6,982.53	907.42	-3,171.33	3,187.28	0.00	0.00	0.00	
10,900.00	90.34	271.04	6,981.94	909.23	-3,271.32	3,287.28	0.00	0.00	0.00	
11,000.00	90.34	271.04	6,981.35	911.05	-3,371.30	3,387.28	0.00	0.00	0.00	
11,100.00	90.34	271.04	6,980.75	912.86	-3,471.28	3,487.28	0.00	0.00	0.00	
11,200.00	90.34	271.04	6,980.16	914.67	-3,571.26	3,587.27	0.00	0.00	0.00	
11,300.00	90.34	271.04	6,979.57	916.48	-3,671.24	3,687.27	0.00	0.00	0.00	
11,400.00	90.34	271.04	6,978.98	918.30	-3,771.22	3,787.27	0.00	0.00	0.00	
11,500.00	90.34	271.04	6,978.38	920.11	-3,871.21	3,887.27	0.00	0.00	0.00	
11,600.00	90.34	271.04	6,977.79	921.92	-3,971.19	3,987.27	0.00	0.00	0.00	
11,700.00	90.34	271.04	6,977.20	923.73	-4,071.17	4,087.27	0.00	0.00	0.00	
11,800.00	90.34	271.04	6,976.60	925.54	-4,171.15	4,187.26	0.00	0.00	0.00	
11,900.00	90.34	271.04	6,976.01	927.36	-4,271.13	4,287.26	0.00	0.00	0.00	
12,000.00	90.34	271.04	6,975.42	929.17	-4,371.12	4,387.26	0.00	0.00	0.00	
12,100.00	90.34	271.04	6,974.82	930.98	-4,471.10	4,487.26	0.00	0.00	0.00	
12,200.00	90.34	271.04	6,974.23	932.79	-4,571.08	4,587.26	0.00	0.00	0.00	
12,300.00	90.34	271.04	6,973.64	934.61	-4,671.06	4,687.25	0.00	0.00	0.00	
12,400.00	90.34	271.04	6,973.04	936.42	-4,771.04	4,787.25	0.00	0.00	0.00	

Planning Report

Database:	Fhartmann	Local Co-ordinate Reference:	Well Camacho 25-26 State Com 202H
Company:	Apache Corporation	TVD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Project:	Eddy Co, NM (NAD83 NM E)	MD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Site:	Camacho 25 26	North Reference:	Grid
Well:	Camacho 25-26 State Com 202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)
12,500.00	90.34	271.04	6,972.45	938.23	-4,871.02	4,887.25	0.00	0.00	0.00
12,600.00	90.34	271.04	6,971.86	940.04	-4,971.01	4,987.25	0.00	0.00	0.00
12,700.00	90.34	271.04	6,971.26	941.85	-5,070.99	5,087.25	0.00	0.00	0.00
12,800.00	90.34	271.04	6,970.67	943.67	-5,170.97	5,187.25	0.00	0.00	0.00
12,900.00	90.34	271.04	6,970.08	945.48	-5,270.95	5,287.24	0.00	0.00	0.00
13,000.00	90.34	271.04	6,969.48	947.29	-5,370.93	5,387.24	0.00	0.00	0.00
13,100.00	90.34	271.04	6,968.89	949.10	-5,470.92	5,487.24	0.00	0.00	0.00
13,200.00	90.34	271.04	6,968.30	950.91	-5,570.90	5,587.24	0.00	0.00	0.00
13,300.00	90.34	271.04	6,967.70	952.73	-5,670.88	5,687.24	0.00	0.00	0.00
13,400.00	90.34	271.04	6,967.11	954.54	-5,770.86	5,787.24	0.00	0.00	0.00
13,500.00	90.34	271.04	6,966.52	956.35	-5,870.84	5,887.23	0.00	0.00	0.00
13,600.00	90.34	271.04	6,965.92	958.16	-5,970.82	5,987.23	0.00	0.00	0.00
13,700.00	90.34	271.04	6,965.33	959.98	-6,070.81	6,087.23	0.00	0.00	0.00
13,800.00	90.34	271.04	6,964.74	961.79	-6,170.79	6,187.23	0.00	0.00	0.00
13,900.00	90.34	271.04	6,964.14	963.60	-6,270.77	6,287.23	0.00	0.00	0.00
14,000.00	90.34	271.04	6,963.55	965.41	-6,370.75	6,387.22	0.00	0.00	0.00
14,100.00	90.34	271.04	6,962.96	967.22	-6,470.73	6,487.22	0.00	0.00	0.00
14,200.00	90.34	271.04	6,962.36	969.04	-6,570.72	6,587.22	0.00	0.00	0.00
14,300.00	90.34	271.04	6,961.77	970.85	-6,670.70	6,687.22	0.00	0.00	0.00
14,400.00	90.34	271.04	6,961.18	972.66	-6,770.68	6,787.22	0.00	0.00	0.00
14,500.00	90.34	271.04	6,960.58	974.47	-6,870.66	6,887.22	0.00	0.00	0.00
14,600.00	90.34	271.04	6,959.99	976.29	-6,970.64	6,987.21	0.00	0.00	0.00
14,700.00	90.34	271.04	6,959.40	978.10	-7,070.62	7,087.21	0.00	0.00	0.00
14,800.00	90.34	271.04	6,958.80	979.91	-7,170.61	7,187.21	0.00	0.00	0.00
14,900.00	90.34	271.04	6,958.21	981.72	-7,270.59	7,287.21	0.00	0.00	0.00
15,000.00	90.34	271.04	6,957.62	983.53	-7,370.57	7,387.21	0.00	0.00	0.00
15,100.00	90.34	271.04	6,957.02	985.35	-7,470.55	7,487.21	0.00	0.00	0.00
15,200.00	90.34	271.04	6,956.43	987.16	-7,570.53	7,587.20	0.00	0.00	0.00
15,300.00	90.34	271.04	6,955.84	988.97	-7,670.52	7,687.20	0.00	0.00	0.00
15,400.00	90.34	271.04	6,955.24	990.78	-7,770.50	7,787.20	0.00	0.00	0.00
15,500.00	90.34	271.04	6,954.65	992.60	-7,870.48	7,887.20	0.00	0.00	0.00
15,600.00	90.34	271.04	6,954.06	994.41	-7,970.46	7,987.20	0.00	0.00	0.00
15,700.00	90.34	271.04	6,953.46	996.22	-8,070.44	8,087.19	0.00	0.00	0.00
15,800.00	90.34	271.04	6,952.87	998.03	-8,170.42	8,187.19	0.00	0.00	0.00
15,900.00	90.34	271.04	6,952.28	999.84	-8,270.41	8,287.19	0.00	0.00	0.00
16,000.00	90.34	271.04	6,951.68	1,001.66	-8,370.39	8,387.19	0.00	0.00	0.00
16,100.00	90.34	271.04	6,951.09	1,003.47	-8,470.37	8,487.19	0.00	0.00	0.00
16,200.00	90.34	271.04	6,950.50	1,005.28	-8,570.35	8,587.19	0.00	0.00	0.00
16,300.00	90.34	271.04	6,949.90	1,007.09	-8,670.33	8,687.18	0.00	0.00	0.00
16,400.00	90.34	271.04	6,949.31	1,008.90	-8,770.32	8,787.18	0.00	0.00	0.00
16,500.00	90.34	271.04	6,948.72	1,010.72	-8,870.30	8,887.18	0.00	0.00	0.00
16,600.00	90.34	271.04	6,948.12	1,012.53	-8,970.28	8,987.18	0.00	0.00	0.00
16,700.00	90.34	271.04	6,947.53	1,014.34	-9,070.26	9,087.18	0.00	0.00	0.00
16,800.00	90.34	271.04	6,946.94	1,016.15	-9,170.24	9,187.18	0.00	0.00	0.00
16,900.00	90.34	271.04	6,946.34	1,017.97	-9,270.22	9,287.17	0.00	0.00	0.00
17,000.00	90.34	271.04	6,945.75	1,019.78	-9,370.21	9,387.17	0.00	0.00	0.00
17,100.00	90.34	271.04	6,945.16	1,021.59	-9,470.19	9,487.17	0.00	0.00	0.00
17,200.00	90.34	271.04	6,944.56	1,023.40	-9,570.17	9,587.17	0.00	0.00	0.00
17,300.00	90.34	271.04	6,943.97	1,025.21	-9,670.15	9,687.17	0.00	0.00	0.00
17,339.97	90.34	271.04	6,943.73	1,025.94	-9,710.11	9,727.14	0.00	0.00	0.00
LTP @ 17339.97' MD									
17,389.49	90.34	271.04	6,943.44	1,026.84	-9,759.62	9,776.65	0.00	0.00	0.00
TD at 17389.49' MD									

Planning Report

Database:	Fhartmann	Local Co-ordinate Reference:	Well Camacho 25-26 State Com 202H
Company:	Apache Corporation	TVD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Project:	Eddy Co, NM (NAD83 NM E)	MD Reference:	KB=25' @ 3495.10usft (Original Well Elev)
Site:	Camacho 25 26	North Reference:	Grid
Well:	Camacho 25-26 State Com 202H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
Camacho 25-26 State C	0.00	0.00	0.00	835.47	708.08	594,119.46	574,985.54	32.633236	-104.224029
- plan misses target center by 1095.17usft 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	828.70	1,135.63	594,112.68	575,413.09	32.633216	-104.222641
- plan misses target center by 429.09usft at 6621.97usft MD (6500.00 TVD, 865.00 N, 708.08 E)									
- Point									
Camacho 25-26 State C	0.00	0.00	7,000.00	1,025.92	-9,709.63	594,309.91	564,567.84	32.633785	-104.257870
- plan misses target center by 56.26usft at 17339.15usft MD (6943.74 TVD, 1025.92 N, -9709.29 E)									
- Point									
Camacho 25-26 State C	0.00	0.00	7,000.00	1,026.84	-9,759.62	594,310.82	564,517.84	32.633787	-104.258033
- plan misses target center by 56.56usft at 17389.15usft MD (6943.44 TVD, 1026.83 N, -9759.29 E)									
- Point									
Camacho 25-26 State C	0.00	0.00	7,000.00	835.58	757.85	594,119.57	575,035.32	32.633236	-104.223868
- plan misses target center by 233.41usft at 7000.00usft MD (6846.80 TVD, 861.20 N, 583.63 E)									
- Point									
Camacho 25-26 State C	0.00	0.00	7,000.00	836.39	657.86	594,120.37	574,935.32	32.633239	-104.224193
- plan misses target center by 162.94usft at 7050.00usft MD (6881.93 TVD, 860.11 N, 548.10 E)									
- Point									

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(usft)	(usft)	+N/-S	+E/-W	Comment	
(usft)	(usft)	(usft)	(usft)		
600.00	600.00	0.00	0.00	Build 2.5°/100'	
1,115.89	1,111.54	44.74	36.62	Hold 12.9° INC	
5,606.08	5,488.46	820.26	671.46	Drop 2.5°/100'	
6,121.97	6,000.00	865.00	708.08	Hold Vertical	
6,647.22	6,525.25	865.00	708.08	KOP @ 6647.22' MD	
6,867.99	6,738.24	863.47	657.97	FTP @ 6867.99' MD	
7,400.05	7,002.71	850.33	228.01	Land @ 7400.05' MD	
7,585.94	7,001.60	849.18	42.14	Hold 90.34° INC, 271.04° AZM	
17,339.97	6,943.73	1,025.94	-9,710.11	LTP @ 17339.97' MD	
17,389.49	6,943.44	1,026.84	-9,759.62	TD at 17389.49' MD	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 396817

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 396817
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply.	11/7/2024
ward.rikala	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	11/7/2024