

Santa Fe Main Office
Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

Online Phone Directory Visit:

<https://www.ernm.nm.gov/ocd/online-directory>

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

WELL API NO. 3002551704
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CAPITAN 22301 33 4 STATE COM
8. Well Number 012H
9. OGRID Number 260297
10. Pool name or W260297ildcat WC025 G09 S173615C;UPPER PENN

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 BTA OIL PRODUCERS, LLC	
3. Address of Operator 104 S Pecos Midland, TX 79701	
4. Well Location Unit Letter <u>A</u> : <u>300</u> feet from the <u>N</u> line and <u>1319</u> feet from the <u>E</u> line Section <u>33</u> Township <u>16S</u> Range <u>36E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3896	

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

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

BTA OIL PRODUCERS LLC RESPECTFULLY REQUESTS THE FOLLOWING FOOTAGE, CASING DESGIN, AND DRILLING PLAN CHANGES TO THE ORIGINAL PERMIT AS APPROVED, PLEASE SEE ATTACHED:

NO CHANGES TO SURFACE HOLE LOCATION, NEW FTP 100' FNL, 350' FEL
 NEW KOP LOCATION: 500' FSL, 350' FEL

Spud Date:

5/3/2025

Rig Release Date:

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

SIGNATURE Liz Velasco TITLE Regulatory Analyst DATE 4/24/2025

Type or print name Liz Velasco E-mail address: lvelasco@btaoil.com

PHONE: 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 PAGE 1 OF 2
	Submittal Type: ☒ Initial Submittal ☐ Amended Report ☐ As Drilled	

WELL LOCATION INFORMATION

API Number 3002551704	Pool Code 98333	Pool Name WC025 G09 S173615C;UPPER PENN
Property Code 334304	Property Name CAPITAN 22301 33-4 STATE COM	Well Number 12H
OGRID No. 260297	Operator Name BTA OIL PRODUCERS, LLC	Ground Level Elevation 3896'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
A	33	16S	36E		300' FNL	1319' FEL	32.88500893	-103.35525189	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
P	04	17S	36E		50' FSL	350' FEL	32.85692274	-103.35217109	LEA

Dedicated Acres 319.37	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers:			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
P	28	16S	36E		500' FSL	350' FEL	32.88722696	-103.35209610	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
A	33	16S	36E		100' FNL	350' FEL	32.88557793	-103.35209465	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
P	04	17S	36E		100' FSL	350' FEL	32.85706016	-103.35217052	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type: ☒ Horizontal ☐ Vertical	Ground Floor Elevation 3896'
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

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


Signature _____ Date **4/24/2025**

Printed Name
LIZ VELASCO

Email Address
LVELASCO@BTAOIL.COM

SURVEYOR CERTIFICATIONS

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.



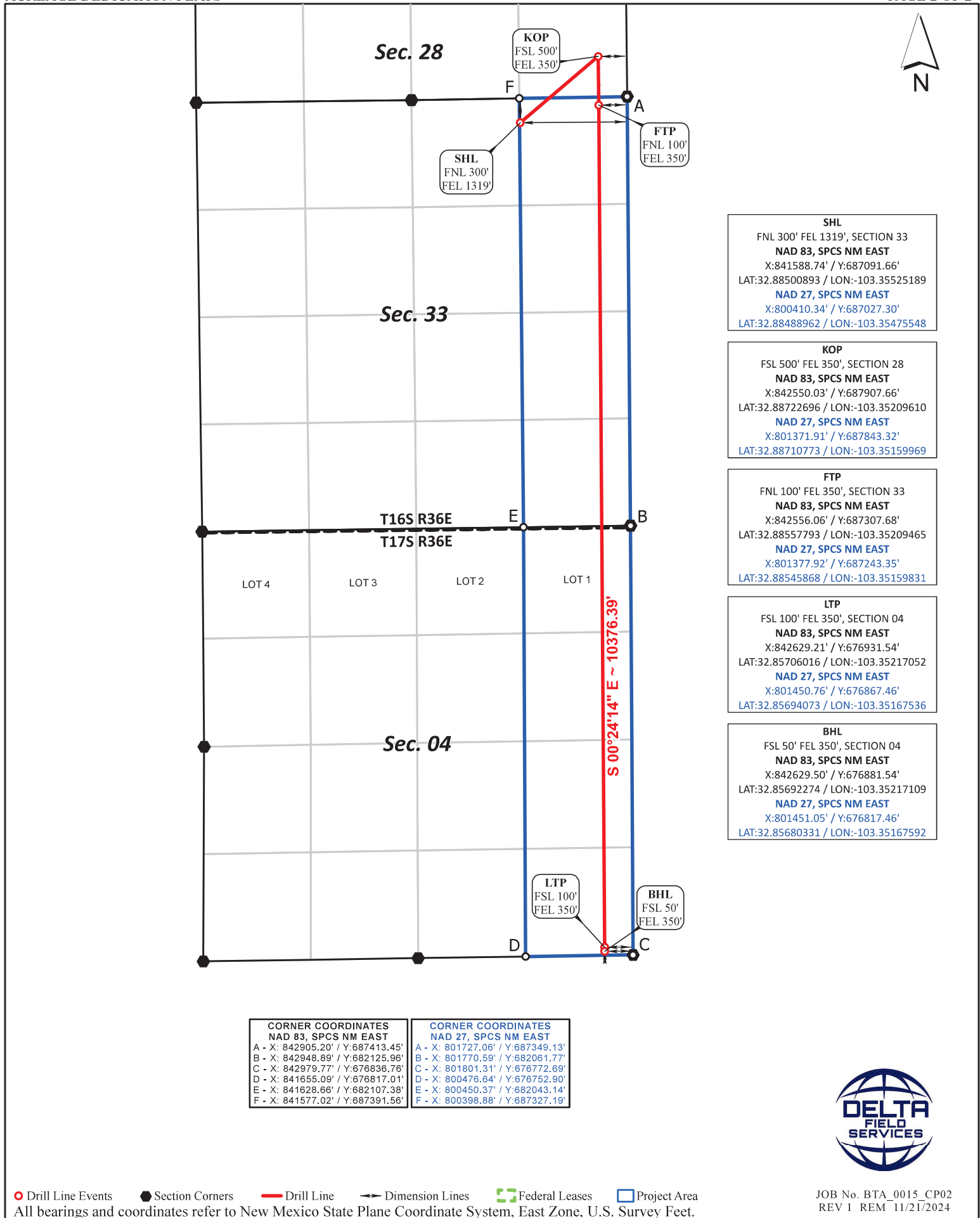
Signature and Seal of Professional Surveyor

Certificate Number

21653

Date of Survey

NOVEMBER 26, 2024



BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Capitan

Capitan #12H

Wellbore #1

Plan: Design #1

Standard Planning Report

14 April, 2025

Microsoft
Planning Report

Database:	EDM16	Local Co-ordinate Reference:	Well Capitan #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3896.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3896.0usft
Site:	Capitan	North Reference:	Grid
Well:	Capitan #12H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Lea County, NM (NAD 83), Lea County, NM		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site	Capitan				
Site Position:		Northing:	687,091.66 usft	Latitude:	32° 53' 6.035 N
From:	Map	Easting:	841,558.74 usft	Longitude:	103° 21' 19.259 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "		

Well	Capitan #12H					
Well Position	+N/-S	0.0 usft	Northing:	687,091.65 usfi	Latitude:	32° 53' 6.032 N
	+E/-W	0.0 usft	Easting:	841,588.73 usfi	Longitude:	103° 21' 18.907 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usfi	Ground Level:	3,896.0 usft
Grid Convergence:		0.53 °				

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.70	60.89	49,212.12242522

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	174.18

Plan Survey Tool Program	Date	4/14/2025		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	22,467.7	Design #1 (Wellbore #1)	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,372.4	0.00	0.00	1,372.4	0.0	0.0	0.00	0.00	0.00	0.00	
1,872.4	10.00	50.46	1,869.8	27.7	33.6	2.00	2.00	0.00	50.46	
8,607.4	10.00	50.46	8,502.5	772.3	935.4	0.00	0.00	0.00	0.00	
9,107.4	0.00	0.00	9,000.0	800.0	969.0	2.00	-2.00	0.00	180.00	
11,130.4	0.00	0.00	11,023.0	800.0	969.0	0.00	0.00	0.00	0.00	
12,030.4	90.00	179.63	11,596.0	227.1	972.7	10.00	10.00	0.00	179.63	
22,467.7	90.00	179.63	11,596.0	-10,210.0	1,040.8	0.00	0.00	0.00	0.00	Capitan #12H BHL

Microsoft Planning Report

Database:	EDM16	Local Co-ordinate Reference:	Well Capitan #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3896.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3896.0usft
Site:	Capitan	North Reference:	Grid
Well:	Capitan #12H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,372.4	0.00	0.00	1,372.4	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
1,400.0	0.55	50.46	1,400.0	0.1	0.1	-0.1	2.00	2.00	0.00
1,500.0	2.55	50.46	1,500.0	1.8	2.2	-1.6	2.00	2.00	0.00
1,600.0	4.55	50.46	1,599.8	5.8	7.0	-5.0	2.00	2.00	0.00
1,700.0	6.55	50.46	1,699.3	11.9	14.4	-10.4	2.00	2.00	0.00
1,800.0	8.55	50.46	1,798.4	20.3	24.6	-17.7	2.00	2.00	0.00
1,872.4	10.00	50.46	1,869.8	27.7	33.6	-24.2	2.00	2.00	0.00
Start 6735.0 hold at 1872.4 MD									
1,900.0	10.00	50.46	1,897.0	30.8	37.3	-26.8	0.00	0.00	0.00
2,000.0	10.00	50.46	1,995.5	41.8	50.7	-36.5	0.00	0.00	0.00
2,100.0	10.00	50.46	2,094.0	52.9	64.0	-46.1	0.00	0.00	0.00
2,200.0	10.00	50.46	2,192.5	63.9	77.4	-55.7	0.00	0.00	0.00
2,300.0	10.00	50.46	2,291.0	75.0	90.8	-65.4	0.00	0.00	0.00
2,400.0	10.00	50.46	2,389.4	86.0	104.2	-75.0	0.00	0.00	0.00
2,500.0	10.00	50.46	2,487.9	97.1	117.6	-84.7	0.00	0.00	0.00
2,600.0	10.00	50.46	2,586.4	108.2	131.0	-94.3	0.00	0.00	0.00
2,700.0	10.00	50.46	2,684.9	119.2	144.4	-103.9	0.00	0.00	0.00
2,800.0	10.00	50.46	2,783.4	130.3	157.8	-113.6	0.00	0.00	0.00
2,900.0	10.00	50.46	2,881.9	141.3	171.2	-123.2	0.00	0.00	0.00
3,000.0	10.00	50.46	2,980.3	152.4	184.6	-132.9	0.00	0.00	0.00
3,100.0	10.00	50.46	3,078.8	163.4	198.0	-142.5	0.00	0.00	0.00
3,200.0	10.00	50.46	3,177.3	174.5	211.3	-152.2	0.00	0.00	0.00
3,300.0	10.00	50.46	3,275.8	185.5	224.7	-161.8	0.00	0.00	0.00
3,400.0	10.00	50.46	3,374.3	196.6	238.1	-171.4	0.00	0.00	0.00
3,500.0	10.00	50.46	3,472.7	207.6	251.5	-181.1	0.00	0.00	0.00
3,600.0	10.00	50.46	3,571.2	218.7	264.9	-190.7	0.00	0.00	0.00
3,700.0	10.00	50.46	3,669.7	229.8	278.3	-200.4	0.00	0.00	0.00
3,800.0	10.00	50.46	3,768.2	240.8	291.7	-210.0	0.00	0.00	0.00
3,900.0	10.00	50.46	3,866.7	251.9	305.1	-219.6	0.00	0.00	0.00
4,000.0	10.00	50.46	3,965.1	262.9	318.5	-229.3	0.00	0.00	0.00
4,100.0	10.00	50.46	4,063.6	274.0	331.9	-238.9	0.00	0.00	0.00
4,200.0	10.00	50.46	4,162.1	285.0	345.3	-248.6	0.00	0.00	0.00
4,300.0	10.00	50.46	4,260.6	296.1	358.6	-258.2	0.00	0.00	0.00
4,400.0	10.00	50.46	4,359.1	307.1	372.0	-267.8	0.00	0.00	0.00
4,500.0	10.00	50.46	4,457.5	318.2	385.4	-277.5	0.00	0.00	0.00
4,600.0	10.00	50.46	4,556.0	329.3	398.8	-287.1	0.00	0.00	0.00
4,700.0	10.00	50.46	4,654.5	340.3	412.2	-296.8	0.00	0.00	0.00
4,800.0	10.00	50.46	4,753.0	351.4	425.6	-306.4	0.00	0.00	0.00

Microsoft Planning Report

Database:	EDM16	Local Co-ordinate Reference:	Well Capitan #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3896.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3896.0usft
Site:	Capitan	North Reference:	Grid
Well:	Capitan #12H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,900.0	10.00	50.46	4,851.5	362.4	439.0	-316.0	0.00	0.00	0.00
5,000.0	10.00	50.46	4,949.9	373.5	452.4	-325.7	0.00	0.00	0.00
5,100.0	10.00	50.46	5,048.4	384.5	465.8	-335.3	0.00	0.00	0.00
5,200.0	10.00	50.46	5,146.9	395.6	479.2	-345.0	0.00	0.00	0.00
5,300.0	10.00	50.46	5,245.4	406.6	492.5	-354.6	0.00	0.00	0.00
5,400.0	10.00	50.46	5,343.9	417.7	505.9	-364.2	0.00	0.00	0.00
5,500.0	10.00	50.46	5,442.4	428.8	519.3	-373.9	0.00	0.00	0.00
5,600.0	10.00	50.46	5,540.8	439.8	532.7	-383.5	0.00	0.00	0.00
5,700.0	10.00	50.46	5,639.3	450.9	546.1	-393.2	0.00	0.00	0.00
5,800.0	10.00	50.46	5,737.8	461.9	559.5	-402.8	0.00	0.00	0.00
5,900.0	10.00	50.46	5,836.3	473.0	572.9	-412.4	0.00	0.00	0.00
6,000.0	10.00	50.46	5,934.8	484.0	586.3	-422.1	0.00	0.00	0.00
6,100.0	10.00	50.46	6,033.2	495.1	599.7	-431.7	0.00	0.00	0.00
6,200.0	10.00	50.46	6,131.7	506.1	613.1	-441.4	0.00	0.00	0.00
6,300.0	10.00	50.46	6,230.2	517.2	626.5	-451.0	0.00	0.00	0.00
6,400.0	10.00	50.46	6,328.7	528.3	639.8	-460.6	0.00	0.00	0.00
6,500.0	10.00	50.46	6,427.2	539.3	653.2	-470.3	0.00	0.00	0.00
6,600.0	10.00	50.46	6,525.6	550.4	666.6	-479.9	0.00	0.00	0.00
6,700.0	10.00	50.46	6,624.1	561.4	680.0	-489.6	0.00	0.00	0.00
6,800.0	10.00	50.46	6,722.6	572.5	693.4	-499.2	0.00	0.00	0.00
6,900.0	10.00	50.46	6,821.1	583.5	706.8	-508.8	0.00	0.00	0.00
7,000.0	10.00	50.46	6,919.6	594.6	720.2	-518.5	0.00	0.00	0.00
7,100.0	10.00	50.46	7,018.0	605.6	733.6	-528.1	0.00	0.00	0.00
7,200.0	10.00	50.46	7,116.5	616.7	747.0	-537.8	0.00	0.00	0.00
7,300.0	10.00	50.46	7,215.0	627.8	760.4	-547.4	0.00	0.00	0.00
7,400.0	10.00	50.46	7,313.5	638.8	773.8	-557.0	0.00	0.00	0.00
7,500.0	10.00	50.46	7,412.0	649.9	787.1	-566.7	0.00	0.00	0.00
7,600.0	10.00	50.46	7,510.4	660.9	800.5	-576.3	0.00	0.00	0.00
7,700.0	10.00	50.46	7,608.9	672.0	813.9	-586.0	0.00	0.00	0.00
7,800.0	10.00	50.46	7,707.4	683.0	827.3	-595.6	0.00	0.00	0.00
7,900.0	10.00	50.46	7,805.9	694.1	840.7	-605.3	0.00	0.00	0.00
8,000.0	10.00	50.46	7,904.4	705.1	854.1	-614.9	0.00	0.00	0.00
8,100.0	10.00	50.46	8,002.9	716.2	867.5	-624.5	0.00	0.00	0.00
8,200.0	10.00	50.46	8,101.3	727.3	880.9	-634.2	0.00	0.00	0.00
8,300.0	10.00	50.46	8,199.8	738.3	894.3	-643.8	0.00	0.00	0.00
8,400.0	10.00	50.46	8,298.3	749.4	907.7	-653.5	0.00	0.00	0.00
8,500.0	10.00	50.46	8,396.8	760.4	921.1	-663.1	0.00	0.00	0.00
8,600.0	10.00	50.46	8,495.3	771.5	934.4	-672.7	0.00	0.00	0.00
8,607.4	10.00	50.46	8,502.5	772.3	935.4	-673.4	0.00	0.00	0.00
Start Drop -2.00									
8,700.0	8.15	50.46	8,594.0	781.6	946.7	-681.6	2.00	-2.00	0.00
8,800.0	6.15	50.46	8,693.2	789.5	956.3	-688.5	2.00	-2.00	0.00
8,900.0	4.15	50.46	8,792.8	795.2	963.2	-693.4	2.00	-2.00	0.00
9,000.0	2.15	50.46	8,892.6	798.7	967.4	-696.5	2.00	-2.00	0.00
9,100.0	0.15	50.46	8,992.6	800.0	969.0	-697.6	2.00	-2.00	0.00
9,107.4	0.00	0.00	9,000.0	800.0	969.0	-697.6	2.00	-2.00	0.00
Start 2023.0 hold at 9107.4 MD									
9,200.0	0.00	0.00	9,092.6	800.0	969.0	-697.6	0.00	0.00	0.00
9,300.0	0.00	0.00	9,192.6	800.0	969.0	-697.6	0.00	0.00	0.00
9,400.0	0.00	0.00	9,292.6	800.0	969.0	-697.6	0.00	0.00	0.00
9,500.0	0.00	0.00	9,392.6	800.0	969.0	-697.6	0.00	0.00	0.00
9,600.0	0.00	0.00	9,492.6	800.0	969.0	-697.6	0.00	0.00	0.00
9,700.0	0.00	0.00	9,592.6	800.0	969.0	-697.6	0.00	0.00	0.00
9,800.0	0.00	0.00	9,692.6	800.0	969.0	-697.6	0.00	0.00	0.00

Microsoft Planning Report

Database:	EDM16	Local Co-ordinate Reference:	Well Capitan #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3896.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3896.0usft
Site:	Capitan	North Reference:	Grid
Well:	Capitan #12H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,900.0	0.00	0.00	9,792.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,000.0	0.00	0.00	9,892.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,100.0	0.00	0.00	9,992.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,200.0	0.00	0.00	10,092.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,300.0	0.00	0.00	10,192.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,400.0	0.00	0.00	10,292.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,500.0	0.00	0.00	10,392.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,600.0	0.00	0.00	10,492.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,700.0	0.00	0.00	10,592.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,800.0	0.00	0.00	10,692.6	800.0	969.0	-697.6	0.00	0.00	0.00
10,900.0	0.00	0.00	10,792.6	800.0	969.0	-697.6	0.00	0.00	0.00
11,000.0	0.00	0.00	10,892.6	800.0	969.0	-697.6	0.00	0.00	0.00
11,100.0	0.00	0.00	10,992.6	800.0	969.0	-697.6	0.00	0.00	0.00
11,130.4	0.00	0.00	11,023.0	800.0	969.0	-697.6	0.00	0.00	0.00
Start Build 10.00									
11,200.0	6.96	179.63	11,092.4	795.8	969.0	-693.4	10.00	10.00	0.00
11,300.0	16.96	179.63	11,190.1	775.1	969.2	-672.8	10.00	10.00	0.00
11,400.0	26.96	179.63	11,282.8	737.7	969.4	-635.6	10.00	10.00	0.00
11,500.0	36.96	179.63	11,367.5	684.9	969.8	-583.0	10.00	10.00	0.00
11,600.0	46.96	179.63	11,441.8	618.1	970.2	-516.5	10.00	10.00	0.00
11,700.0	56.96	179.63	11,503.3	539.5	970.7	-438.2	10.00	10.00	0.00
11,800.0	66.96	179.63	11,550.3	451.3	971.3	-350.5	10.00	10.00	0.00
11,900.0	76.96	179.63	11,581.2	356.4	971.9	-256.0	10.00	10.00	0.00
12,000.0	86.96	179.63	11,595.2	257.5	972.5	-157.5	10.00	10.00	0.00
12,030.4	90.00	179.63	11,596.0	227.1	972.7	-127.2	10.00	10.00	0.00
Start 10437.3 hold at 12030.4 MD									
12,100.0	90.00	179.63	11,596.0	157.5	973.2	-58.0	0.00	0.00	0.00
12,200.0	90.00	179.63	11,596.0	57.5	973.8	41.6	0.00	0.00	0.00
12,300.0	90.00	179.63	11,596.0	-42.5	974.5	141.1	0.00	0.00	0.00
12,400.0	90.00	179.63	11,596.0	-142.5	975.1	240.7	0.00	0.00	0.00
12,500.0	90.00	179.63	11,596.0	-242.5	975.8	340.2	0.00	0.00	0.00
12,600.0	90.00	179.63	11,596.0	-342.5	976.4	439.8	0.00	0.00	0.00
12,700.0	90.00	179.63	11,596.0	-442.5	977.1	539.3	0.00	0.00	0.00
12,800.0	90.00	179.63	11,596.0	-542.5	977.7	638.9	0.00	0.00	0.00
12,900.0	90.00	179.63	11,596.0	-642.5	978.4	738.4	0.00	0.00	0.00
13,000.0	90.00	179.63	11,596.0	-742.5	979.1	838.0	0.00	0.00	0.00
13,100.0	90.00	179.63	11,596.0	-842.5	979.7	937.5	0.00	0.00	0.00
13,200.0	90.00	179.63	11,596.0	-942.5	980.4	1,037.0	0.00	0.00	0.00
13,300.0	90.00	179.63	11,596.0	-1,042.5	981.0	1,136.6	0.00	0.00	0.00
13,400.0	90.00	179.63	11,596.0	-1,142.5	981.7	1,236.1	0.00	0.00	0.00
13,500.0	90.00	179.63	11,596.0	-1,242.5	982.3	1,335.7	0.00	0.00	0.00
13,600.0	90.00	179.63	11,596.0	-1,342.5	983.0	1,435.2	0.00	0.00	0.00
13,700.0	90.00	179.63	11,596.0	-1,442.5	983.6	1,534.8	0.00	0.00	0.00
13,800.0	90.00	179.63	11,596.0	-1,542.5	984.3	1,634.3	0.00	0.00	0.00
13,900.0	90.00	179.63	11,596.0	-1,642.5	984.9	1,733.9	0.00	0.00	0.00
14,000.0	90.00	179.63	11,596.0	-1,742.5	985.6	1,833.4	0.00	0.00	0.00
14,100.0	90.00	179.63	11,596.0	-1,842.5	986.2	1,933.0	0.00	0.00	0.00
14,200.0	90.00	179.63	11,596.0	-1,942.5	986.9	2,032.5	0.00	0.00	0.00
14,300.0	90.00	179.63	11,596.0	-2,042.5	987.5	2,132.1	0.00	0.00	0.00
14,400.0	90.00	179.63	11,596.0	-2,142.5	988.2	2,231.6	0.00	0.00	0.00
14,500.0	90.00	179.63	11,596.0	-2,242.5	988.8	2,331.2	0.00	0.00	0.00
14,600.0	90.00	179.63	11,596.0	-2,342.5	989.5	2,430.7	0.00	0.00	0.00
14,700.0	90.00	179.63	11,596.0	-2,442.5	990.1	2,530.3	0.00	0.00	0.00
14,800.0	90.00	179.63	11,596.0	-2,542.5	990.8	2,629.8	0.00	0.00	0.00

Microsoft Planning Report

Database:	EDM16	Local Co-ordinate Reference:	Well Capitan #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3896.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3896.0usft
Site:	Capitan	North Reference:	Grid
Well:	Capitan #12H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,900.0	90.00	179.63	11,596.0	-2,642.5	991.4	2,729.4	0.00	0.00	0.00
15,000.0	90.00	179.63	11,596.0	-2,742.5	992.1	2,828.9	0.00	0.00	0.00
15,100.0	90.00	179.63	11,596.0	-2,842.4	992.7	2,928.5	0.00	0.00	0.00
15,200.0	90.00	179.63	11,596.0	-2,942.4	993.4	3,028.0	0.00	0.00	0.00
15,300.0	90.00	179.63	11,596.0	-3,042.4	994.0	3,127.6	0.00	0.00	0.00
15,400.0	90.00	179.63	11,596.0	-3,142.4	994.7	3,227.1	0.00	0.00	0.00
15,500.0	90.00	179.63	11,596.0	-3,242.4	995.3	3,326.7	0.00	0.00	0.00
15,600.0	90.00	179.63	11,596.0	-3,342.4	996.0	3,426.2	0.00	0.00	0.00
15,700.0	90.00	179.63	11,596.0	-3,442.4	996.6	3,525.8	0.00	0.00	0.00
15,800.0	90.00	179.63	11,596.0	-3,542.4	997.3	3,625.3	0.00	0.00	0.00
15,900.0	90.00	179.63	11,596.0	-3,642.4	998.0	3,724.9	0.00	0.00	0.00
16,000.0	90.00	179.63	11,596.0	-3,742.4	998.6	3,824.4	0.00	0.00	0.00
16,100.0	90.00	179.63	11,596.0	-3,842.4	999.3	3,924.0	0.00	0.00	0.00
16,200.0	90.00	179.63	11,596.0	-3,942.4	999.9	4,023.5	0.00	0.00	0.00
16,300.0	90.00	179.63	11,596.0	-4,042.4	1,000.6	4,123.1	0.00	0.00	0.00
16,400.0	90.00	179.63	11,596.0	-4,142.4	1,001.2	4,222.6	0.00	0.00	0.00
16,500.0	90.00	179.63	11,596.0	-4,242.4	1,001.9	4,322.1	0.00	0.00	0.00
16,600.0	90.00	179.63	11,596.0	-4,342.4	1,002.5	4,421.7	0.00	0.00	0.00
16,700.0	90.00	179.63	11,596.0	-4,442.4	1,003.2	4,521.2	0.00	0.00	0.00
16,800.0	90.00	179.63	11,596.0	-4,542.4	1,003.8	4,620.8	0.00	0.00	0.00
16,900.0	90.00	179.63	11,596.0	-4,642.4	1,004.5	4,720.3	0.00	0.00	0.00
17,000.0	90.00	179.63	11,596.0	-4,742.4	1,005.1	4,819.9	0.00	0.00	0.00
17,100.0	90.00	179.63	11,596.0	-4,842.4	1,005.8	4,919.4	0.00	0.00	0.00
17,200.0	90.00	179.63	11,596.0	-4,942.4	1,006.4	5,019.0	0.00	0.00	0.00
17,300.0	90.00	179.63	11,596.0	-5,042.4	1,007.1	5,118.5	0.00	0.00	0.00
17,400.0	90.00	179.63	11,596.0	-5,142.4	1,007.7	5,218.1	0.00	0.00	0.00
17,500.0	90.00	179.63	11,596.0	-5,242.4	1,008.4	5,317.6	0.00	0.00	0.00
17,600.0	90.00	179.63	11,596.0	-5,342.4	1,009.0	5,417.2	0.00	0.00	0.00
17,700.0	90.00	179.63	11,596.0	-5,442.4	1,009.7	5,516.7	0.00	0.00	0.00
17,800.0	90.00	179.63	11,596.0	-5,542.4	1,010.3	5,616.3	0.00	0.00	0.00
17,900.0	90.00	179.63	11,596.0	-5,642.4	1,011.0	5,715.8	0.00	0.00	0.00
18,000.0	90.00	179.63	11,596.0	-5,742.4	1,011.6	5,815.4	0.00	0.00	0.00
18,100.0	90.00	179.63	11,596.0	-5,842.4	1,012.3	5,914.9	0.00	0.00	0.00
18,200.0	90.00	179.63	11,596.0	-5,942.4	1,012.9	6,014.5	0.00	0.00	0.00
18,300.0	90.00	179.63	11,596.0	-6,042.4	1,013.6	6,114.0	0.00	0.00	0.00
18,400.0	90.00	179.63	11,596.0	-6,142.4	1,014.2	6,213.6	0.00	0.00	0.00
18,500.0	90.00	179.63	11,596.0	-6,242.4	1,014.9	6,313.1	0.00	0.00	0.00
18,600.0	90.00	179.63	11,596.0	-6,342.4	1,015.5	6,412.7	0.00	0.00	0.00
18,700.0	90.00	179.63	11,596.0	-6,442.4	1,016.2	6,512.2	0.00	0.00	0.00
18,800.0	90.00	179.63	11,596.0	-6,542.4	1,016.9	6,611.8	0.00	0.00	0.00
18,900.0	90.00	179.63	11,596.0	-6,642.4	1,017.5	6,711.3	0.00	0.00	0.00
19,000.0	90.00	179.63	11,596.0	-6,742.4	1,018.2	6,810.9	0.00	0.00	0.00
19,100.0	90.00	179.63	11,596.0	-6,842.4	1,018.8	6,910.4	0.00	0.00	0.00
19,200.0	90.00	179.63	11,596.0	-6,942.4	1,019.5	7,010.0	0.00	0.00	0.00
19,300.0	90.00	179.63	11,596.0	-7,042.4	1,020.1	7,109.5	0.00	0.00	0.00
19,400.0	90.00	179.63	11,596.0	-7,142.4	1,020.8	7,209.1	0.00	0.00	0.00
19,500.0	90.00	179.63	11,596.0	-7,242.4	1,021.4	7,308.6	0.00	0.00	0.00
19,600.0	90.00	179.63	11,596.0	-7,342.4	1,022.1	7,408.1	0.00	0.00	0.00
19,700.0	90.00	179.63	11,596.0	-7,442.4	1,022.7	7,507.7	0.00	0.00	0.00
19,800.0	90.00	179.63	11,596.0	-7,542.3	1,023.4	7,607.2	0.00	0.00	0.00
19,900.0	90.00	179.63	11,596.0	-7,642.3	1,024.0	7,706.8	0.00	0.00	0.00
20,000.0	90.00	179.63	11,596.0	-7,742.3	1,024.7	7,806.3	0.00	0.00	0.00
20,100.0	90.00	179.63	11,596.0	-7,842.3	1,025.3	7,905.9	0.00	0.00	0.00
20,200.0	90.00	179.63	11,596.0	-7,942.3	1,026.0	8,005.4	0.00	0.00	0.00

Microsoft
Planning Report

Database:	EDM16	Local Co-ordinate Reference:	Well Capitan #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3896.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3896.0usft
Site:	Capitan	North Reference:	Grid
Well:	Capitan #12H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
20,300.0	90.00	179.63	11,596.0	-8,042.3	1,026.6	8,105.0	0.00	0.00	0.00	
20,400.0	90.00	179.63	11,596.0	-8,142.3	1,027.3	8,204.5	0.00	0.00	0.00	
20,500.0	90.00	179.63	11,596.0	-8,242.3	1,027.9	8,304.1	0.00	0.00	0.00	
20,600.0	90.00	179.63	11,596.0	-8,342.3	1,028.6	8,403.6	0.00	0.00	0.00	
20,700.0	90.00	179.63	11,596.0	-8,442.3	1,029.2	8,503.2	0.00	0.00	0.00	
20,800.0	90.00	179.63	11,596.0	-8,542.3	1,029.9	8,602.7	0.00	0.00	0.00	
20,900.0	90.00	179.63	11,596.0	-8,642.3	1,030.5	8,702.3	0.00	0.00	0.00	
21,000.0	90.00	179.63	11,596.0	-8,742.3	1,031.2	8,801.8	0.00	0.00	0.00	
21,100.0	90.00	179.63	11,596.0	-8,842.3	1,031.8	8,901.4	0.00	0.00	0.00	
21,200.0	90.00	179.63	11,596.0	-8,942.3	1,032.5	9,000.9	0.00	0.00	0.00	
21,300.0	90.00	179.63	11,596.0	-9,042.3	1,033.1	9,100.5	0.00	0.00	0.00	
21,400.0	90.00	179.63	11,596.0	-9,142.3	1,033.8	9,200.0	0.00	0.00	0.00	
21,500.0	90.00	179.63	11,596.0	-9,242.3	1,034.4	9,299.6	0.00	0.00	0.00	
21,600.0	90.00	179.63	11,596.0	-9,342.3	1,035.1	9,399.1	0.00	0.00	0.00	
21,700.0	90.00	179.63	11,596.0	-9,442.3	1,035.8	9,498.7	0.00	0.00	0.00	
21,800.0	90.00	179.63	11,596.0	-9,542.3	1,036.4	9,598.2	0.00	0.00	0.00	
21,900.0	90.00	179.63	11,596.0	-9,642.3	1,037.1	9,697.8	0.00	0.00	0.00	
22,000.0	90.00	179.63	11,596.0	-9,742.3	1,037.7	9,797.3	0.00	0.00	0.00	
22,100.0	90.00	179.63	11,596.0	-9,842.3	1,038.4	9,896.9	0.00	0.00	0.00	
22,200.0	90.00	179.63	11,596.0	-9,942.3	1,039.0	9,996.4	0.00	0.00	0.00	
22,300.0	90.00	179.63	11,596.0	-10,042.3	1,039.7	10,096.0	0.00	0.00	0.00	
22,400.0	90.00	179.63	11,596.0	-10,142.3	1,040.3	10,195.5	0.00	0.00	0.00	
22,467.7	90.00	179.63	11,596.0	-10,210.0	1,040.8	10,262.9	0.00	0.00	0.00	
TD at 22467.7										

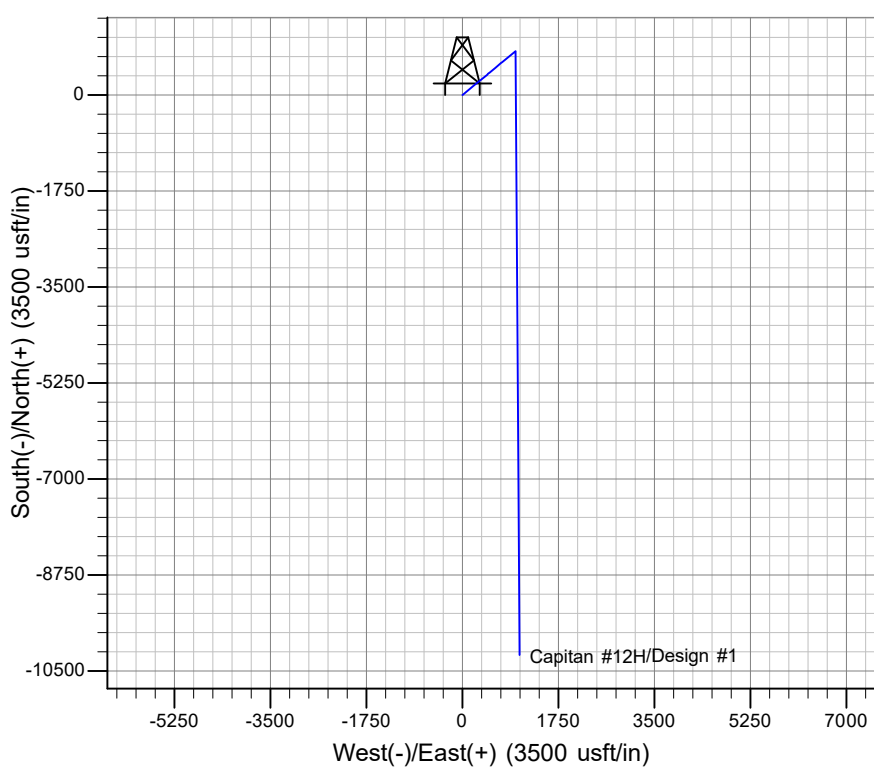
Design Targets										
Target Name										
- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
- Shape										
Capitan #12H BHL	0.00	0.00	11,596.0	-10,210.0	1,040.8	676,881.54	842,629.50	32° 51' 24.922 N		103° 21' 7.816 W
- plan hits target center										
- Point										

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,372.4	1,372.4	0.0	0.0	Start Build 2.00	
1,872.4	1,869.8	27.7	33.6	Start 6735.0 hold at 1872.4 MD	
8,607.4	8,502.5	772.3	935.4	Start Drop -2.00	
9,107.4	9,000.0	800.0	969.0	Start 2023.0 hold at 9107.4 MD	
11,130.4	11,023.0	800.0	969.0	Start Build 10.00	
12,030.4	11,596.0	227.1	972.7	Start 10437.3 hold at 12030.4 MD	
22,467.7	11,596.0	-10,210.0	1,040.8	TD at 22467.7	

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	687091.66	841588.73	32° 53' 6.0321N	103° 21' 18.907 W	

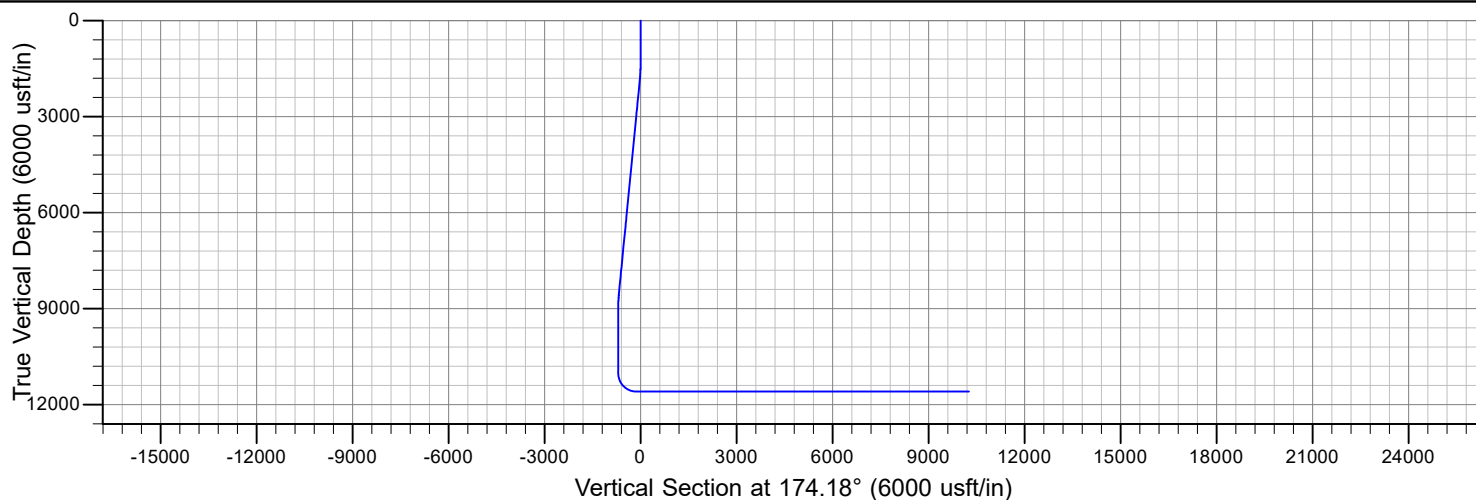
ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
1372.4	0.00	0.00	1372.4	0.0	0.0	0.0	0.0	Start Build 2.00
1872.4	10.00	50.46	1869.8	27.7	33.6	-24.2	43.5	Start 6735.0 hold at 1872.4 MD
8607.4	10.00	50.46	8502.5	772.3	935.4	-673.4	1213.0	Start Drop -2.00
9107.4	0.00	0.00	9000.0	800.0	969.0	-697.6	1256.6	Start 2023.0 hold at 9107.4 MD
11130.4	0.00	0.00	11023.0	800.0	969.0	-697.6	1256.6	Start Build 10.00
12030.4	90.00	179.63	11596.0	227.1	972.7	-127.2	1829.5	Start 10437.3 hold at 12030.4 MD
22467.7	90.00	179.63	11596.0	-10210.0	1040.8	10262.9	12266.8	TD at 22467.7



Azimuths to Grid North
 True North: -0.53°
 Magnetic North: 7.17°

Magnetic Field
 Strength: 49212.1nT
 Dip Angle: 60.89°
 Date: 12/31/2009
 Model: IGRF200510



	BTA Oil Producers, LLC										WELL:	Capitan 22301 33-4 State Com #12H				
	104 S Pecos										TVD:	11626	KOP		11209	
	Midland, TX 79701										MD:	22547				
DRILLING PLAN																
Casing Program																
Hole Size	Csg.Size	From (MD)	To (MD)	From (TVD)	To (TVD)	Tapered String	Weight (lbs)	Grade	Conn.	Collapse	Burst	Body Tension	Joint Tension	Dry/ Buoyant	Mud Weight (ppg)	
17 1/2	13 3/8	0	1900	0	1900	No	54.5	J-55	STC	1.4	3.3	8.2	5.0	Dry	8.3	
12 1/4	9 5/8	0	4846	0	4821	No	40	J-55	LTC	1.8	1.6	3.3	2.7	Dry	10	
8 3/4	7 5/8	4786	11139	4761	11003	No	29.7	P110	FJ	1.8	1.8	2.8	2.9	Dry	9.4	
6 3/4	5 1/2	0	10939	11003	10803	Yes	23	P110	BTC	2.2	1.8	2.9	2.9	Dry	12	
6 3/4	5 1/2	10939	22547	10803	11626	Yes	23	P110	BTC	2.0	1.7	2.7	2.7	Dry	12	

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 455531

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 455531
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	5/1/2025
matthew.gomez	Intermediate 2 casing liner must be set a minimum of 200 feet into the intermediate casing string.	5/1/2025
matthew.gomez	Any previous COA's not addressed within the updated COA's still apply.	5/1/2025