30.015-45283

PERMIAN

NW DISTRICT - NM EZ NAD 28
PALMILLO 21 STATE PAD (228, 326)
Palmillo 21 State 326H

Palmillo 21 State 326H

Plan: Design #1

Standard Planning Report

24 September, 2018

Database:	PEDM	**Local Co-ordinate Reference:**	Well Palmillo 21 State 326H
Company:	PERMIAN	**TVD Reference:**	WELL @ 3499.0ft (Original Well Elev)
Project:	NW DISTRICT - NM EZ NAD 28	**MD Reference:**	WELL @ 3499.0ft (Original Well Elev)
Site:	PALMILLO 21 STATE PAD (228, 326)	**North Reference:**	Grid
Well:	Palmillo 21 State 326H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Palmillo 21 State 326H		
Design:	Design #1		

Project	NW DISTRICT - NM EZ NAD 28		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	PALMILLO 21 STATE PAD (228, 326)				
Site Position:		**Northing:**	600,678.80 ft	**Latitude:**	32° 39' 4.415 N
From:	Map	**Easting:**	585,953.30 ft	**Longitude:**	104° 11' 18.153 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	0.08 °

Well	Palmillo 21 State 326H					
Well Position	**+N/-S**	40.0 ft	**Northing:**	600,718.80 ft	**Latitude:**	32° 39' 4.811 N
	+E/-W	0.1 ft	**Easting:**	585,953.40 ft	**Longitude:**	104° 11' 18.151 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	0.0 ft	**Ground Level:**	3,474.0 ft

Wellbore	Palmillo 21 State 326H				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	HDGM	9/20/2018	7.28	60.43	48,034

Design	Design #1				
Audit Notes:					
Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	0.0	0.0	0.0	84.77	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,800.0	8.00	320.79	1,797.4	43.2	-35.2	1.00	1.00	0.00	320.79	
4,522.4	8.00	320.79	4,493.3	336.8	-274.8	0.00	0.00	0.00	0.00	
5,322.4	0.00	0.00	5,290.7	380.0	-310.0	1.00	-1.00	0.00	180.00	
8,014.2	0.00	0.00	7,982.5	380.0	-310.0	0.00	0.00	0.00	0.00	
8,764.2	90.00	89.35	8,460.0	385.4	167.4	12.00	12.00	0.00	89.35	
9,037.2	90.00	89.35	8,460.0	388.5	440.4	0.00	0.00	0.00	0.00	
9,065.6	89.72	89.35	8,460.0	388.8	468.9	1.00	-1.00	0.00	179.99	
10,066.5	89.72	89.35	8,465.0	400.2	1,469.7	0.00	0.00	0.00	0.00	T2 Palmillo 21 State 3
11,069.7	89.72	89.35	8,470.0	411.6	2,472.8	0.00	0.00	0.00	0.00	T3 Palmillo 21 State 3
11,098.8	89.42	89.35	8,470.2	411.9	2,501.9	1.00	-1.00	0.00	180.00	
12,073.0	89.42	89.35	8,480.0	422.9	3,475.9	0.00	0.00	0.00	0.00	T4 Palmillo 21 State 3
12,143.5	88.72	89.35	8,481.1	423.8	3,546.5	1.00	-1.00	0.00	180.00	
13,076.4	88.72	89.35	8,502.0	434.3	4,479.1	0.00	0.00	0.00	0.00	T5 Palmillo 21 State 3
13,259.5	90.55	89.40	8,503.2	436.3	4,662.2	1.00	1.00	0.03	1.60	
13,381.5	90.55	89.40	8,502.0	437.6	4,784.1	0.00	0.00	0.00	0.00	BHLPalmillo 21 State

Database:	PEDM	**Local Co-ordinate Reference:**	Well Palmillo 21 State 326H
Company:	PERMIAN	**TVD Reference:**	WELL @ 3499.0ft (Original Well Elev)
Project:	NW DISTRICT - NM EZ NAD 28	**MD Reference:**	WELL @ 3499.0ft (Original Well Elev)
Site:	PALMILLO 21 STATE PAD (228, 326)	**North Reference:**	Grid
Well:	Palmillo 21 State 326H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Palmillo 21 State 326H		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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	1.00	320.79	1,100.0	0.7	-0.6	-0.5	1.00	1.00	0.00
1,200.0	2.00	320.79	1,200.0	2.7	-2.2	-2.0	1.00	1.00	0.00
1,300.0	3.00	320.79	1,299.9	6.1	-5.0	-4.4	1.00	1.00	0.00
1,400.0	4.00	320.79	1,399.7	10.8	-8.8	-7.8	1.00	1.00	0.00
1,500.0	5.00	320.79	1,499.4	16.9	-13.8	-12.2	1.00	1.00	0.00
1,600.0	6.00	320.79	1,598.9	24.3	-19.8	-17.5	1.00	1.00	0.00
1,700.0	7.00	320.79	1,698.3	33.1	-27.0	-23.9	1.00	1.00	0.00
1,800.0	8.00	320.79	1,797.4	43.2	-35.2	-31.2	1.00	1.00	0.00
1,900.0	8.00	320.79	1,896.4	54.0	-44.0	-38.9	0.00	0.00	0.00
2,000.0	8.00	320.79	1,995.5	64.8	-52.8	-46.7	0.00	0.00	0.00
2,100.0	8.00	320.79	2,094.5	75.6	-61.6	-54.5	0.00	0.00	0.00
2,200.0	8.00	320.79	2,193.5	86.3	-70.4	-62.3	0.00	0.00	0.00
2,300.0	8.00	320.79	2,292.5	97.1	-79.2	-70.1	0.00	0.00	0.00
2,400.0	8.00	320.79	2,391.6	107.9	-88.0	-77.8	0.00	0.00	0.00
2,500.0	8.00	320.79	2,490.6	118.7	-96.8	-85.6	0.00	0.00	0.00
2,600.0	8.00	320.79	2,589.6	129.5	-105.6	-93.4	0.00	0.00	0.00
2,700.0	8.00	320.79	2,688.6	140.3	-114.4	-101.2	0.00	0.00	0.00
2,800.0	8.00	320.79	2,787.7	151.0	-123.2	-109.0	0.00	0.00	0.00
2,900.0	8.00	320.79	2,886.7	161.8	-132.0	-116.7	0.00	0.00	0.00
3,000.0	8.00	320.79	2,985.7	172.6	-140.8	-124.5	0.00	0.00	0.00
3,100.0	8.00	320.79	3,084.8	183.4	-149.6	-132.3	0.00	0.00	0.00
3,200.0	8.00	320.79	3,183.8	194.2	-158.4	-140.1	0.00	0.00	0.00
3,300.0	8.00	320.79	3,282.8	205.0	-167.2	-147.8	0.00	0.00	0.00
3,400.0	8.00	320.79	3,381.8	215.8	-176.0	-155.6	0.00	0.00	0.00
3,500.0	8.00	320.79	3,480.9	226.5	-184.8	-163.4	0.00	0.00	0.00
3,600.0	8.00	320.79	3,579.9	237.3	-193.6	-171.2	0.00	0.00	0.00
3,700.0	8.00	320.79	3,678.9	248.1	-202.4	-179.0	0.00	0.00	0.00
3,800.0	8.00	320.79	3,777.9	258.9	-211.2	-186.7	0.00	0.00	0.00
3,900.0	8.00	320.79	3,877.0	269.7	-220.0	-194.5	0.00	0.00	0.00
4,000.0	8.00	320.79	3,976.0	280.5	-228.8	-202.3	0.00	0.00	0.00
4,100.0	8.00	320.79	4,075.0	291.2	-237.6	-210.1	0.00	0.00	0.00
4,200.0	8.00	320.79	4,174.0	302.0	-246.4	-217.9	0.00	0.00	0.00
4,300.0	8.00	320.79	4,273.1	312.8	-255.2	-225.6	0.00	0.00	0.00
4,400.0	8.00	320.79	4,372.1	323.6	-264.0	-233.4	0.00	0.00	0.00
4,500.0	8.00	320.79	4,471.1	334.4	-272.8	-241.2	0.00	0.00	0.00
4,522.4	8.00	320.79	4,493.3	336.8	-274.8	-242.9	0.00	0.00	0.00
4,600.0	7.22	320.79	4,570.2	344.8	-281.2	-248.7	1.00	-1.00	0.00
4,700.0	6.22	320.79	4,669.5	353.8	-288.6	-255.2	1.00	-1.00	0.00
4,800.0	5.22	320.79	4,769.0	361.6	-295.0	-260.8	1.00	-1.00	0.00
4,900.0	4.22	320.79	4,868.7	367.9	-300.2	-265.4	1.00	-1.00	0.00
5,000.0	3.22	320.79	4,968.5	373.0	-304.3	-269.0	1.00	-1.00	0.00
5,100.0	2.22	320.79	5,068.4	376.7	-307.3	-271.7	1.00	-1.00	0.00
5,200.0	1.22	320.79	5,168.3	379.0	-309.2	-273.4	1.00	-1.00	0.00

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Wellbore:	Palmillo 21 State 326H		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	0.22	320.79	5,268.3	380.0	-310.0	-274.1	1.00	-1.00	0.00
5,322.4	0.00	0.00	5,290.7	380.0	-310.0	-274.1	1.00	-1.00	0.00
5,400.0	0.00	0.00	5,368.3	380.0	-310.0	-274.1	0.00	0.00	0.00
5,500.0	0.00	0.00	5,468.3	380.0	-310.0	-274.1	0.00	0.00	0.00
5,600.0	0.00	0.00	5,568.3	380.0	-310.0	-274.1	0.00	0.00	0.00
5,700.0	0.00	0.00	5,668.3	380.0	-310.0	-274.1	0.00	0.00	0.00
5,800.0	0.00	0.00	5,768.3	380.0	-310.0	-274.1	0.00	0.00	0.00
5,900.0	0.00	0.00	5,868.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,000.0	0.00	0.00	5,968.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,100.0	0.00	0.00	6,068.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,200.0	0.00	0.00	6,168.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,300.0	0.00	0.00	6,268.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,400.0	0.00	0.00	6,368.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,500.0	0.00	0.00	6,468.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,600.0	0.00	0.00	6,568.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,700.0	0.00	0.00	6,668.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,800.0	0.00	0.00	6,768.3	380.0	-310.0	-274.1	0.00	0.00	0.00
6,900.0	0.00	0.00	6,868.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,000.0	0.00	0.00	6,968.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,100.0	0.00	0.00	7,068.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,200.0	0.00	0.00	7,168.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,300.0	0.00	0.00	7,268.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,400.0	0.00	0.00	7,368.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,500.0	0.00	0.00	7,468.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,600.0	0.00	0.00	7,568.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,700.0	0.00	0.00	7,668.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,800.0	0.00	0.00	7,768.3	380.0	-310.0	-274.1	0.00	0.00	0.00
7,900.0	0.00	0.00	7,868.3	380.0	-310.0	-274.1	0.00	0.00	0.00
8,000.0	0.00	0.00	7,968.3	380.0	-310.0	-274.1	0.00	0.00	0.00
8,014.2	0.00	0.00	7,982.5	380.0	-310.0	-274.1	0.00	0.00	0.00
8,100.0	10.30	89.35	8,067.9	380.1	-302.3	-266.4	12.00	12.00	0.00
8,200.0	22.30	89.35	8,163.7	380.4	-274.3	-238.5	12.00	12.00	0.00
8,300.0	34.30	89.35	8,251.5	380.9	-227.0	-191.3	12.00	12.00	0.00
8,400.0	46.30	89.35	8,327.7	381.7	-162.4	-127.0	12.00	12.00	0.00
8,500.0	58.30	89.35	8,388.7	382.6	-83.5	-48.3	12.00	12.00	0.00
8,600.0	70.30	89.35	8,432.0	383.6	6.5	41.4	12.00	12.00	0.00
8,700.0	82.30	89.35	8,455.7	384.7	103.4	138.1	12.00	12.00	0.00
8,764.2	90.00	89.35	8,460.0	385.4	167.4	201.8	12.00	12.00	0.00
8,800.0	90.00	89.35	8,460.0	385.8	203.2	237.5	0.00	0.00	0.00
8,900.0	90.00	89.35	8,460.0	387.0	303.2	337.2	0.00	0.00	0.00
9,000.0	90.00	89.35	8,460.0	388.1	403.2	436.9	0.00	0.00	0.00
9,037.2	90.00	89.35	8,460.0	388.5	440.4	474.0	0.00	0.00	0.00
9,065.6	89.72	89.35	8,460.0	388.8	468.9	502.3	1.00	-1.00	0.00
9,100.0	89.72	89.35	8,460.2	389.2	503.2	536.6	0.00	0.00	0.00
9,200.0	89.72	89.35	8,460.7	390.4	603.2	636.3	0.00	0.00	0.00
9,300.0	89.72	89.35	8,461.2	391.5	703.2	735.9	0.00	0.00	0.00
9,400.0	89.72	89.35	8,461.7	392.6	803.2	835.6	0.00	0.00	0.00
9,500.0	89.72	89.35	8,462.2	393.8	903.2	935.3	0.00	0.00	0.00
9,600.0	89.72	89.35	8,462.7	394.9	1,003.2	1,035.0	0.00	0.00	0.00
9,700.0	89.72	89.35	8,463.2	396.0	1,103.2	1,134.7	0.00	0.00	0.00
9,800.0	89.72	89.35	8,463.7	397.2	1,203.2	1,234.3	0.00	0.00	0.00
9,900.0	89.72	89.35	8,464.2	398.3	1,303.2	1,334.0	0.00	0.00	0.00
10,000.0	89.72	89.35	8,464.7	399.4	1,403.2	1,433.7	0.00	0.00	0.00
10,066.5	89.72	89.35	8,465.0	400.2	1,469.7	1,500.0	0.00	0.00	0.00

Database:	PEDM	**Local Co-ordinate Reference:**	Well Palmillo 21 State 326H
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Project:	NW DISTRICT - NM EZ NAD 28	**MD Reference:**	WELL @ 3499.0ft (Original Well Elev)
Site:	PALMILLO 21 STATE PAD (228, 326)	**North Reference:**	Grid
Well:	Palmillo 21 State 326H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Palmillo 21 State 326H		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,100.0	89.72	89.35	8,465.2	400.6	1,503.1	1,533.4	0.00	0.00	0.00
10,200.0	89.72	89.35	8,465.7	401.7	1,603.1	1,633.1	0.00	0.00	0.00
10,300.0	89.72	89.35	8,466.2	402.8	1,703.1	1,732.7	0.00	0.00	0.00
10,400.0	89.72	89.35	8,466.7	404.0	1,803.1	1,832.4	0.00	0.00	0.00
10,500.0	89.72	89.35	8,467.2	405.1	1,903.1	1,932.1	0.00	0.00	0.00
10,600.0	89.72	89.35	8,467.6	406.2	2,003.1	2,031.8	0.00	0.00	0.00
10,700.0	89.72	89.35	8,468.1	407.4	2,103.1	2,131.5	0.00	0.00	0.00
10,800.0	89.72	89.35	8,468.6	408.5	2,203.1	2,231.1	0.00	0.00	0.00
10,900.0	89.72	89.35	8,469.1	409.6	2,303.1	2,330.8	0.00	0.00	0.00
11,000.0	89.72	89.35	8,469.6	410.8	2,403.1	2,430.5	0.00	0.00	0.00
11,069.7	89.72	89.35	8,470.0	411.6	2,472.8	2,500.0	0.00	0.00	0.00
11,098.8	89.42	89.35	8,470.2	411.9	2,501.9	2,529.0	1.00	-1.00	0.00
11,100.0	89.42	89.35	8,470.2	411.9	2,503.1	2,530.2	0.00	0.00	0.00
11,200.0	89.42	89.35	8,471.2	413.0	2,603.1	2,629.9	0.00	0.00	0.00
11,300.0	89.42	89.35	8,472.2	414.2	2,703.0	2,729.5	0.00	0.00	0.00
11,400.0	89.42	89.35	8,473.2	415.3	2,803.0	2,829.2	0.00	0.00	0.00
11,500.0	89.42	89.35	8,474.2	416.5	2,903.0	2,928.9	0.00	0.00	0.00
11,600.0	89.42	89.35	8,475.3	417.6	3,003.0	3,028.6	0.00	0.00	0.00
11,700.0	89.42	89.35	8,476.3	418.7	3,103.0	3,128.2	0.00	0.00	0.00
11,800.0	89.42	89.35	8,477.3	419.9	3,203.0	3,227.9	0.00	0.00	0.00
11,900.0	89.42	89.35	8,478.3	421.0	3,303.0	3,327.6	0.00	0.00	0.00
12,000.0	89.42	89.35	8,479.3	422.1	3,403.0	3,427.3	0.00	0.00	0.00
12,073.0	89.42	89.35	8,480.0	422.9	3,475.9	3,500.0	0.00	0.00	0.00
12,100.0	89.15	89.35	8,480.3	423.3	3,503.0	3,526.9	1.00	-1.00	0.00
12,143.5	88.72	89.35	8,481.1	423.8	3,546.5	3,570.3	1.00	-1.00	0.00
12,200.0	88.72	89.35	8,482.4	424.4	3,602.9	3,626.6	0.00	0.00	0.00
12,300.0	88.72	89.35	8,484.6	425.5	3,702.9	3,726.3	0.00	0.00	0.00
12,400.0	88.72	89.35	8,486.9	426.7	3,802.9	3,825.9	0.00	0.00	0.00
12,500.0	88.72	89.35	8,489.1	427.8	3,902.8	3,925.6	0.00	0.00	0.00
12,600.0	88.72	89.35	8,491.3	428.9	4,002.8	4,025.2	0.00	0.00	0.00
12,700.0	88.72	89.35	8,493.6	430.1	4,102.8	4,124.9	0.00	0.00	0.00
12,800.0	88.72	89.35	8,495.8	431.2	4,202.7	4,224.5	0.00	0.00	0.00
12,900.0	88.72	89.35	8,498.1	432.3	4,302.7	4,324.2	0.00	0.00	0.00
13,000.0	88.72	89.35	8,500.3	433.5	4,402.7	4,423.9	0.00	0.00	0.00
13,076.4	88.72	89.35	8,502.0	434.3	4,479.1	4,500.0	0.00	0.00	0.00
13,100.0	88.95	89.36	8,502.5	434.6	4,502.6	4,523.5	1.00	1.00	0.03
13,200.0	89.95	89.38	8,503.4	435.7	4,602.6	4,623.2	1.00	1.00	0.03
13,259.5	90.55	89.40	8,503.2	436.3	4,662.2	4,682.5	1.00	1.00	0.03
13,300.0	90.55	89.40	8,502.8	436.7	4,702.6	4,722.9	0.00	0.00	0.00
13,381.5	90.55	89.40	8,502.0	437.6	4,784.1	4,804.1	0.00	0.00	0.00

Database:	PEDM	**Local Co-ordinate Reference:**	Well Palmillo 21 State 326H
Company:	PERMIAN	**TVD Reference:**	WELL @ 3499.0ft (Original Well Elev)
Project:	NW DISTRICT - NM EZ NAD 28	**MD Reference:**	WELL @ 3499.0ft (Original Well Elev)
Site:	PALMILLO 21 STATE PAD (228, 326)	**North Reference:**	Grid
Well:	Palmillo 21 State 326H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Palmillo 21 State 326H		
Design:	Design #1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
T2 Palmillo 21 State 326 - plan hits target center - Point	0.00	0.00	8,465.0	400.2	1,469.7	601,118.99	587,423.06	32° 39' 8.751 N	104° 11' 0.954 W
T3 Palmillo 21 State 326 - plan hits target center - Point	0.00	0.00	8,470.0	411.6	2,472.8	601,130.37	588,426.19	32° 39' 8.849 N	104° 10' 49.221 W
T4 Palmillo 21 State 326 - plan hits target center - Point	0.00	0.00	8,480.0	422.9	3,475.9	601,141.75	589,429.32	32° 39' 8.948 N	104° 10' 37.487 W
BHLPalmillo 21 State 22 - plan hits target center - Point	0.00	0.00	8,502.0	437.6	4,784.1	601,156.40	590,737.50	32° 39' 9.073 N	104° 10' 22.185 W
T5 Palmillo 21 State 326 - plan hits target center - Point	0.00	0.00	8,502.0	434.3	4,479.1	601,153.13	590,432.46	32° 39' 9.045 N	104° 10' 25.753 W