

EXTRACTION OIL & GAS

WELD COUNTY

Sec 3-T4N-R68W

MOJITO TRUST 3E-20-1N

ORIGINAL WELLBORE

Plan: PROPOSAL 1

Standard Planning Report

18 July, 2018

MJT 3E-1N - PBHL

Planning Report

Database:	EDT_32Bit_ODBC	Local Co-ordinate Reference:	Well MOJITO TRUST 3E-20-1N
Company:	EXTRACTION OIL & GAS	TVD Reference:	KB 29' @ 5078.00usft
Project:	WELD COUNTY	MD Reference:	KB 29' @ 5078.00usft
Site:	Sec 3-T4N-R68W	North Reference:	True
Well:	MOJITO TRUST 3E-20-1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL 1		

Project	WELD COUNTY		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		Sec 3-T4N-R68W			
Site Position:		Northing:	1,365,399.13 usft	Latitude:	40° 20' 7.217 N
From:	Lat/Long	Easting:	3,139,700.88 usft	Longitude:	104° 59' 55.950 W
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.32 °

Well	MOJITO TRUST 3E-20-1N					
Well Position	+N/-S	3,586.63 usft	Northing:	1,369,002.62 usft	Latitude:	40° 20' 42.659 N
	+E/-W	2,993.62 usft	Easting:	3,142,674.18 usft	Longitude:	104° 59' 17.286 W
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	5,049.00 usft

Wellbore	ORIGINAL WELLBORE				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/17/2018	8.21	66.75	52,214.96608283

Design	PROPOSAL 1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	84.61

Plan Survey Tool Program	Date	7/18/2018		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	17,687.42	PROPOSAL 1 (ORIGINAL WELL	MWD OWSG
			OWSG MWD - Standard	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
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	
995.92	17.92	47.76	981.39	93.42	102.87	2.00	2.00	0.00	47.76	
5,687.72	17.92	47.76	5,445.61	1,063.83	1,171.50	0.00	0.00	0.00	0.00	
6,583.64	0.00	0.00	6,327.00	1,157.25	1,274.37	2.00	-2.00	0.00	180.00	
6,613.64	0.00	0.00	6,357.00	1,157.25	1,274.37	0.00	0.00	0.00	0.00	
7,513.71	90.00	90.13	6,930.00	1,155.98	1,847.37	10.00	10.00	10.01	90.13	MJT 3E-1N - LP
17,687.68	90.00	90.13	6,930.00	1,133.33	12,021.31	0.00	0.00	0.00	0.00	MJT 3E-1N - PBHL

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Well:	MOJITO TRUST 3E-20-1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL 1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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
Start Build 2.00									
200.00	2.00	47.76	199.98	1.17	1.29	1.40	2.00	2.00	0.00
300.00	4.00	47.76	299.84	4.69	5.17	5.58	2.00	2.00	0.00
400.00	6.00	47.76	399.45	10.55	11.62	12.56	2.00	2.00	0.00
500.00	8.00	47.76	498.70	18.74	20.64	22.31	2.00	2.00	0.00
600.00	10.00	47.76	597.47	29.26	32.22	34.82	2.00	2.00	0.00
700.00	12.00	47.76	695.62	42.09	46.35	50.09	2.00	2.00	0.00
800.00	14.00	47.76	793.06	57.21	63.00	68.09	2.00	2.00	0.00
900.00	16.00	47.76	889.64	74.61	82.16	88.80	2.00	2.00	0.00
995.92	17.92	47.76	981.39	93.42	102.87	111.18	2.00	2.00	0.00
Start 4691.79 hold at 995.92 MD									
1,000.00	17.92	47.76	985.27	94.26	103.80	112.19	0.00	0.00	0.00
1,100.00	17.92	47.76	1,080.42	114.94	126.58	136.80	0.00	0.00	0.00
1,200.00	17.92	47.76	1,175.57	135.63	149.35	161.42	0.00	0.00	0.00
1,300.00	17.92	47.76	1,270.72	156.31	172.13	186.04	0.00	0.00	0.00
1,400.00	17.92	47.76	1,365.87	176.99	194.90	210.66	0.00	0.00	0.00
1,500.00	17.92	47.76	1,461.02	197.68	217.68	235.27	0.00	0.00	0.00
1,600.00	17.92	47.76	1,556.17	218.36	240.46	259.89	0.00	0.00	0.00
1,700.00	17.92	47.76	1,651.32	239.04	263.23	284.51	0.00	0.00	0.00
1,800.00	17.92	47.76	1,746.47	259.73	286.01	309.13	0.00	0.00	0.00
1,900.00	17.92	47.76	1,841.61	280.41	308.79	333.74	0.00	0.00	0.00
2,000.00	17.92	47.76	1,936.76	301.09	331.56	358.36	0.00	0.00	0.00
2,100.00	17.92	47.76	2,031.91	321.78	354.34	382.98	0.00	0.00	0.00
2,200.00	17.92	47.76	2,127.06	342.46	377.12	407.60	0.00	0.00	0.00
2,300.00	17.92	47.76	2,222.21	363.14	399.89	432.21	0.00	0.00	0.00
2,400.00	17.92	47.76	2,317.36	383.83	422.67	456.83	0.00	0.00	0.00
2,500.00	17.92	47.76	2,412.51	404.51	445.45	481.45	0.00	0.00	0.00
2,600.00	17.92	47.76	2,507.66	425.19	468.22	506.07	0.00	0.00	0.00
2,700.00	17.92	47.76	2,602.81	445.88	491.00	530.68	0.00	0.00	0.00
2,800.00	17.92	47.76	2,697.96	466.56	513.78	555.30	0.00	0.00	0.00
2,900.00	17.92	47.76	2,793.11	487.24	536.55	579.92	0.00	0.00	0.00
3,000.00	17.92	47.76	2,888.26	507.93	559.33	604.53	0.00	0.00	0.00
3,100.00	17.92	47.76	2,983.41	528.61	582.11	629.15	0.00	0.00	0.00
3,200.00	17.92	47.76	3,078.56	549.29	604.88	653.77	0.00	0.00	0.00
3,300.00	17.92	47.76	3,173.71	569.98	627.66	678.39	0.00	0.00	0.00
3,400.00	17.92	47.76	3,268.86	590.66	650.44	703.00	0.00	0.00	0.00
3,500.00	17.92	47.76	3,364.01	611.34	673.21	727.62	0.00	0.00	0.00
3,600.00	17.92	47.76	3,459.16	632.03	695.99	752.24	0.00	0.00	0.00
3,700.00	17.92	47.76	3,554.31	652.71	718.77	776.86	0.00	0.00	0.00
3,800.00	17.92	47.76	3,649.46	673.39	741.54	801.47	0.00	0.00	0.00
3,900.00	17.92	47.76	3,744.61	694.07	764.32	826.09	0.00	0.00	0.00
4,000.00	17.92	47.76	3,839.75	714.76	787.10	850.71	0.00	0.00	0.00
4,100.00	17.92	47.76	3,934.90	735.44	809.87	875.33	0.00	0.00	0.00
4,200.00	17.92	47.76	4,030.05	756.12	832.65	899.94	0.00	0.00	0.00
4,300.00	17.92	47.76	4,125.20	776.81	855.43	924.56	0.00	0.00	0.00
4,400.00	17.92	47.76	4,220.35	797.49	878.20	949.18	0.00	0.00	0.00
4,500.00	17.92	47.76	4,315.50	818.17	900.98	973.80	0.00	0.00	0.00
4,600.00	17.92	47.76	4,410.65	838.86	923.76	998.41	0.00	0.00	0.00
4,700.00	17.92	47.76	4,505.80	859.54	946.53	1,023.03	0.00	0.00	0.00
4,800.00	17.92	47.76	4,600.95	880.22	969.31	1,047.65	0.00	0.00	0.00
4,900.00	17.92	47.76	4,696.10	900.91	992.08	1,072.27	0.00	0.00	0.00

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Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,000.00	17.92	47.76	4,791.25	921.59	1,014.86	1,096.88	0.00	0.00	0.00	
5,100.00	17.92	47.76	4,886.40	942.27	1,037.64	1,121.50	0.00	0.00	0.00	
5,200.00	17.92	47.76	4,981.55	962.96	1,060.41	1,146.12	0.00	0.00	0.00	
5,300.00	17.92	47.76	5,076.70	983.64	1,083.19	1,170.73	0.00	0.00	0.00	
5,400.00	17.92	47.76	5,171.85	1,004.32	1,105.97	1,195.35	0.00	0.00	0.00	
5,500.00	17.92	47.76	5,267.00	1,025.01	1,128.74	1,219.97	0.00	0.00	0.00	
5,600.00	17.92	47.76	5,362.15	1,045.69	1,151.52	1,244.59	0.00	0.00	0.00	
5,687.72	17.92	47.76	5,445.61	1,063.83	1,171.50	1,266.18	0.00	0.00	0.00	
Start Drop -2.00										
5,700.00	17.67	47.76	5,457.30	1,066.36	1,174.28	1,269.18	2.00	-2.00	0.00	
5,800.00	15.67	47.76	5,553.10	1,085.64	1,195.52	1,292.14	2.00	-2.00	0.00	
5,900.00	13.67	47.76	5,649.83	1,102.67	1,214.27	1,312.41	2.00	-2.00	0.00	
6,000.00	11.67	47.76	5,747.39	1,117.42	1,230.51	1,329.96	2.00	-2.00	0.00	
6,100.00	9.67	47.76	5,845.65	1,129.87	1,244.22	1,344.78	2.00	-2.00	0.00	
6,200.00	7.67	47.76	5,944.50	1,140.01	1,255.38	1,356.84	2.00	-2.00	0.00	
6,300.00	5.67	47.76	6,043.82	1,147.82	1,263.98	1,366.14	2.00	-2.00	0.00	
6,400.00	3.67	47.76	6,143.48	1,153.29	1,270.01	1,372.66	2.00	-2.00	0.00	
6,500.00	1.67	47.76	6,243.37	1,156.43	1,273.47	1,376.39	2.00	-2.00	0.00	
6,583.64	0.00	0.00	6,327.00	1,157.25	1,274.37	1,377.36	2.00	-2.00	0.00	
Start 30.00 hold at 6583.64 MD										
6,600.00	0.00	0.00	6,343.36	1,157.25	1,274.37	1,377.36	0.00	0.00	0.00	
6,613.64	0.00	0.00	6,357.00	1,157.25	1,274.37	1,377.36	0.00	0.00	0.00	
Start DLS 10.00 TFO 90.13										
6,650.00	3.64	90.13	6,393.33	1,157.25	1,275.52	1,378.51	10.00	10.00	0.00	
6,700.00	8.64	90.13	6,443.03	1,157.24	1,280.87	1,383.83	10.00	10.00	0.00	
6,750.00	13.63	90.13	6,492.08	1,157.21	1,290.52	1,393.44	10.00	10.00	0.00	
6,800.00	18.63	90.13	6,540.09	1,157.18	1,304.41	1,407.26	10.00	10.00	0.00	
6,850.00	23.63	90.13	6,586.71	1,157.14	1,322.43	1,425.20	10.00	10.00	0.00	
6,900.00	28.63	90.13	6,631.59	1,157.09	1,344.45	1,447.12	10.00	10.00	0.00	
6,950.00	33.63	90.13	6,674.37	1,157.04	1,370.29	1,472.84	10.00	10.00	0.00	
7,000.00	38.63	90.13	6,714.74	1,156.97	1,399.76	1,502.18	10.00	10.00	0.00	
7,050.00	43.63	90.13	6,752.39	1,156.90	1,432.64	1,534.91	10.00	10.00	0.00	
7,100.00	48.63	90.13	6,787.03	1,156.82	1,468.68	1,570.78	10.00	10.00	0.00	
7,150.00	53.63	90.13	6,818.39	1,156.73	1,507.60	1,609.51	10.00	10.00	0.00	
7,200.00	58.63	90.13	6,846.25	1,156.64	1,549.10	1,650.82	10.00	10.00	0.00	
7,250.00	63.63	90.13	6,870.38	1,156.54	1,592.87	1,694.39	10.00	10.00	0.00	
7,300.00	68.63	90.13	6,890.61	1,156.44	1,638.58	1,739.89	10.00	10.00	0.00	
7,350.00	73.63	90.13	6,906.77	1,156.34	1,685.88	1,786.97	10.00	10.00	0.00	
7,400.00	78.63	90.13	6,918.75	1,156.23	1,734.41	1,835.27	10.00	10.00	0.00	
7,450.00	83.63	90.13	6,926.46	1,156.12	1,783.79	1,884.43	10.00	10.00	0.00	
7,500.00	88.63	90.13	6,929.84	1,156.01	1,833.66	1,934.07	10.00	10.00	0.00	
7,513.71	90.00	90.13	6,930.00	1,155.98	1,847.37	1,947.72	10.00	10.00	0.00	
Start 10173.97 hold at 7513.71 MD										
7,600.00	90.00	90.13	6,930.00	1,155.79	1,933.66	2,033.61	0.00	0.00	0.00	
7,700.00	90.00	90.13	6,930.00	1,155.56	2,033.66	2,133.15	0.00	0.00	0.00	
7,800.00	90.00	90.13	6,930.00	1,155.34	2,133.66	2,232.68	0.00	0.00	0.00	
7,900.00	90.00	90.13	6,930.00	1,155.12	2,233.66	2,332.22	0.00	0.00	0.00	
8,000.00	90.00	90.13	6,930.00	1,154.90	2,333.66	2,431.76	0.00	0.00	0.00	
8,100.00	90.00	90.13	6,930.00	1,154.68	2,433.66	2,531.29	0.00	0.00	0.00	
8,200.00	90.00	90.13	6,930.00	1,154.46	2,533.66	2,630.83	0.00	0.00	0.00	
8,300.00	90.00	90.13	6,929.99	1,154.23	2,633.66	2,730.37	0.00	0.00	0.00	
8,400.00	90.00	90.13	6,929.99	1,154.01	2,733.66	2,829.91	0.00	0.00	0.00	
8,500.00	90.00	90.13	6,929.99	1,153.79	2,833.66	2,929.44	0.00	0.00	0.00	

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Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
8,600.00	90.00	90.13	6,929.99	1,153.57	2,933.66	3,028.98	0.00	0.00	0.00	
8,700.00	90.00	90.13	6,929.99	1,153.35	3,033.66	3,128.52	0.00	0.00	0.00	
8,800.00	90.00	90.13	6,929.99	1,153.12	3,133.66	3,228.06	0.00	0.00	0.00	
8,900.00	90.00	90.13	6,929.99	1,152.90	3,233.66	3,327.59	0.00	0.00	0.00	
9,000.00	90.00	90.13	6,929.99	1,152.68	3,333.66	3,427.13	0.00	0.00	0.00	
9,100.00	90.00	90.13	6,929.99	1,152.46	3,433.66	3,526.67	0.00	0.00	0.00	
9,200.00	90.00	90.13	6,929.99	1,152.24	3,533.66	3,626.21	0.00	0.00	0.00	
9,300.00	90.00	90.13	6,929.99	1,152.01	3,633.66	3,725.74	0.00	0.00	0.00	
9,400.00	90.00	90.13	6,929.99	1,151.79	3,733.66	3,825.28	0.00	0.00	0.00	
9,500.00	90.00	90.13	6,929.99	1,151.57	3,833.66	3,924.82	0.00	0.00	0.00	
9,600.00	90.00	90.13	6,929.98	1,151.35	3,933.66	4,024.36	0.00	0.00	0.00	
9,700.00	90.00	90.13	6,929.98	1,151.13	4,033.66	4,123.89	0.00	0.00	0.00	
9,800.00	90.00	90.13	6,929.98	1,150.90	4,133.66	4,223.43	0.00	0.00	0.00	
9,900.00	90.00	90.13	6,929.98	1,150.68	4,233.66	4,322.97	0.00	0.00	0.00	
10,000.00	90.00	90.13	6,929.98	1,150.46	4,333.66	4,422.51	0.00	0.00	0.00	
10,100.00	90.00	90.13	6,929.98	1,150.24	4,433.65	4,522.04	0.00	0.00	0.00	
10,200.00	90.00	90.13	6,929.98	1,150.02	4,533.65	4,621.58	0.00	0.00	0.00	
10,300.00	90.00	90.13	6,929.98	1,149.79	4,633.65	4,721.12	0.00	0.00	0.00	
10,400.00	90.00	90.13	6,929.98	1,149.57	4,733.65	4,820.66	0.00	0.00	0.00	
10,500.00	90.00	90.13	6,929.98	1,149.35	4,833.65	4,920.19	0.00	0.00	0.00	
10,600.00	90.00	90.13	6,929.98	1,149.13	4,933.65	5,019.73	0.00	0.00	0.00	
10,700.00	90.00	90.13	6,929.98	1,148.91	5,033.65	5,119.27	0.00	0.00	0.00	
10,800.00	90.00	90.13	6,929.98	1,148.68	5,133.65	5,218.81	0.00	0.00	0.00	
10,900.00	90.00	90.13	6,929.97	1,148.46	5,233.65	5,318.34	0.00	0.00	0.00	
11,000.00	90.00	90.13	6,929.97	1,148.24	5,333.65	5,417.88	0.00	0.00	0.00	
11,100.00	90.00	90.13	6,929.97	1,148.02	5,433.65	5,517.42	0.00	0.00	0.00	
11,200.00	90.00	90.13	6,929.97	1,147.80	5,533.65	5,616.96	0.00	0.00	0.00	
11,300.00	90.00	90.13	6,929.97	1,147.58	5,633.65	5,716.49	0.00	0.00	0.00	
11,400.00	90.00	90.13	6,929.97	1,147.35	5,733.65	5,816.03	0.00	0.00	0.00	
11,500.00	90.00	90.13	6,929.97	1,147.13	5,833.65	5,915.57	0.00	0.00	0.00	
11,600.00	90.00	90.13	6,929.97	1,146.91	5,933.65	6,015.11	0.00	0.00	0.00	
11,700.00	90.00	90.13	6,929.97	1,146.69	6,033.65	6,114.64	0.00	0.00	0.00	
11,800.00	90.00	90.13	6,929.97	1,146.47	6,133.65	6,214.18	0.00	0.00	0.00	
11,900.00	90.00	90.13	6,929.97	1,146.24	6,233.65	6,313.72	0.00	0.00	0.00	
12,000.00	90.00	90.13	6,929.97	1,146.02	6,333.65	6,413.26	0.00	0.00	0.00	
12,100.00	90.00	90.13	6,929.97	1,145.80	6,433.65	6,512.79	0.00	0.00	0.00	
12,200.00	90.00	90.13	6,929.97	1,145.58	6,533.65	6,612.33	0.00	0.00	0.00	
12,300.00	90.00	90.13	6,929.96	1,145.36	6,633.65	6,711.87	0.00	0.00	0.00	
12,400.00	90.00	90.13	6,929.96	1,145.13	6,733.65	6,811.41	0.00	0.00	0.00	
12,500.00	90.00	90.13	6,929.96	1,144.91	6,833.65	6,910.94	0.00	0.00	0.00	
12,600.00	90.00	90.13	6,929.96	1,144.69	6,933.65	7,010.48	0.00	0.00	0.00	
12,700.00	90.00	90.13	6,929.96	1,144.47	7,033.65	7,110.02	0.00	0.00	0.00	
12,800.00	90.00	90.13	6,929.96	1,144.25	7,133.65	7,209.56	0.00	0.00	0.00	
12,900.00	90.00	90.13	6,929.96	1,144.02	7,233.65	7,309.09	0.00	0.00	0.00	
13,000.00	90.00	90.13	6,929.96	1,143.80	7,333.65	7,408.63	0.00	0.00	0.00	
13,100.00	90.00	90.13	6,929.96	1,143.58	7,433.65	7,508.17	0.00	0.00	0.00	
13,200.00	90.00	90.13	6,929.96	1,143.36	7,533.65	7,607.71	0.00	0.00	0.00	
13,300.00	90.00	90.13	6,929.96	1,143.14	7,633.65	7,707.24	0.00	0.00	0.00	
13,400.00	90.00	90.13	6,929.96	1,142.91	7,733.65	7,806.78	0.00	0.00	0.00	
13,500.00	90.00	90.13	6,929.96	1,142.69	7,833.65	7,906.32	0.00	0.00	0.00	
13,600.00	90.00	90.13	6,929.95	1,142.47	7,933.65	8,005.86	0.00	0.00	0.00	
13,700.00	90.00	90.13	6,929.95	1,142.25	8,033.65	8,105.39	0.00	0.00	0.00	
13,800.00	90.00	90.13	6,929.95	1,142.03	8,133.65	8,204.93	0.00	0.00	0.00	
13,900.00	90.00	90.13	6,929.95	1,141.80	8,233.65	8,304.47	0.00	0.00	0.00	

Planning Report

Database:	EDT_32Bit_ODBC	Local Co-ordinate Reference:	Well MOJITO TRUST 3E-20-1N
Company:	EXTRACTION OIL & GAS	TVD Reference:	KB 29' @ 5078.00usft
Project:	WELD COUNTY	MD Reference:	KB 29' @ 5078.00usft
Site:	Sec 3-T4N-R68W	North Reference:	True
Well:	MOJITO TRUST 3E-20-1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
14,000.00	90.00	90.13	6,929.95	1,141.58	8,333.65	8,404.01	0.00	0.00	0.00	
14,100.00	90.00	90.13	6,929.95	1,141.36	8,433.65	8,503.54	0.00	0.00	0.00	
14,200.00	90.00	90.13	6,929.95	1,141.14	8,533.64	8,603.08	0.00	0.00	0.00	
14,300.00	90.00	90.13	6,929.95	1,140.92	8,633.64	8,702.62	0.00	0.00	0.00	
14,400.00	90.00	90.13	6,929.95	1,140.70	8,733.64	8,802.15	0.00	0.00	0.00	
14,500.00	90.00	90.13	6,929.95	1,140.47	8,833.64	8,901.69	0.00	0.00	0.00	
14,600.00	90.00	90.13	6,929.95	1,140.25	8,933.64	9,001.23	0.00	0.00	0.00	
14,700.00	90.00	90.13	6,929.95	1,140.03	9,033.64	9,100.77	0.00	0.00	0.00	
14,800.00	90.00	90.13	6,929.95	1,139.81	9,133.64	9,200.30	0.00	0.00	0.00	
14,900.00	90.00	90.13	6,929.95	1,139.59	9,233.64	9,299.84	0.00	0.00	0.00	
15,000.00	90.00	90.13	6,929.94	1,139.36	9,333.64	9,399.38	0.00	0.00	0.00	
15,100.00	90.00	90.13	6,929.94	1,139.14	9,433.64	9,498.92	0.00	0.00	0.00	
15,200.00	90.00	90.13	6,929.94	1,138.92	9,533.64	9,598.45	0.00	0.00	0.00	
15,300.00	90.00	90.13	6,929.94	1,138.70	9,633.64	9,697.99	0.00	0.00	0.00	
15,400.00	90.00	90.13	6,929.94	1,138.48	9,733.64	9,797.53	0.00	0.00	0.00	
15,500.00	90.00	90.13	6,929.94	1,138.25	9,833.64	9,897.07	0.00	0.00	0.00	
15,600.00	90.00	90.13	6,929.94	1,138.03	9,933.64	9,996.60	0.00	0.00	0.00	
15,700.00	90.00	90.13	6,929.94	1,137.81	10,033.64	10,096.14	0.00	0.00	0.00	
15,800.00	90.00	90.13	6,929.94	1,137.59	10,133.64	10,195.68	0.00	0.00	0.00	
15,900.00	90.00	90.13	6,929.94	1,137.37	10,233.64	10,295.22	0.00	0.00	0.00	
16,000.00	90.00	90.13	6,929.94	1,137.14	10,333.64	10,394.75	0.00	0.00	0.00	
16,100.00	90.00	90.13	6,929.94	1,136.92	10,433.64	10,494.29	0.00	0.00	0.00	
16,200.00	90.00	90.13	6,929.94	1,136.70	10,533.64	10,593.83	0.00	0.00	0.00	
16,300.00	90.00	90.13	6,929.93	1,136.48	10,633.64	10,693.37	0.00	0.00	0.00	
16,400.00	90.00	90.13	6,929.93	1,136.26	10,733.64	10,792.90	0.00	0.00	0.00	
16,500.00	90.00	90.13	6,929.93	1,136.03	10,833.64	10,892.44	0.00	0.00	0.00	
16,600.00	90.00	90.13	6,929.93	1,135.81	10,933.64	10,991.98	0.00	0.00	0.00	
16,700.00	90.00	90.13	6,929.93	1,135.59	11,033.64	11,091.52	0.00	0.00	0.00	
16,800.00	90.00	90.13	6,929.93	1,135.37	11,133.64	11,191.05	0.00	0.00	0.00	
16,900.00	90.00	90.13	6,929.93	1,135.15	11,233.64	11,290.59	0.00	0.00	0.00	
17,000.00	90.00	90.13	6,929.93	1,134.92	11,333.64	11,390.13	0.00	0.00	0.00	
17,100.00	90.00	90.13	6,929.93	1,134.70	11,433.64	11,489.67	0.00	0.00	0.00	
17,200.00	90.00	90.13	6,929.93	1,134.48	11,533.64	11,589.20	0.00	0.00	0.00	
17,300.00	90.00	90.13	6,929.93	1,134.26	11,633.64	11,688.74	0.00	0.00	0.00	
17,400.00	90.00	90.13	6,929.93	1,134.04	11,733.64	11,788.28	0.00	0.00	0.00	
17,500.00	90.00	90.13	6,929.93	1,133.82	11,833.64	11,887.82	0.00	0.00	0.00	
17,600.00	90.00	90.13	6,929.92	1,133.59	11,933.64	11,987.35	0.00	0.00	0.00	
17,687.68	90.00	90.13	6,930.00	1,133.33	12,021.31	12,074.62	0.00	0.00	0.00	
TD at 17687.68										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
MJT 3E-1N - LP - hit/miss target - Shape - Point	0.00	0.00	6,930.00	1,155.98	1,847.37	1,370,169.25	3,144,514.85	40° 20' 54.082 N	104° 58' 53.425 W	
MJT 3E-1N - PBHL - plan hits target center - Point	0.00	0.00	6,930.00	1,133.33	12,021.31	1,370,205.33	3,154,688.76	40° 20' 53.830 N	104° 56' 42.018 W	

Planning Report

Database:	EDT_32Bit_ODBC	Local Co-ordinate Reference:	Well MOJITO TRUST 3E-20-1N
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Project:	WELD COUNTY	MD Reference:	KB 29' @ 5078.00usft
Site:	Sec 3-T4N-R68W	North Reference:	True
Well:	MOJITO TRUST 3E-20-1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL 1		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
100.00	100.00	0.00	0.00	Start Build 2.00
995.92	981.39	93.42	102.87	Start 4691.79 hold at 995.92 MD
5,687.72	5,445.61	1,063.83	1,171.50	Start Drop -2.00
6,583.64	6,327.00	1,157.25	1,274.37	Start 30.00 hold at 6583.64 MD
6,613.64	6,357.00	1,157.25	1,274.37	Start DLS 10.00 TFO 90.13
7,513.71	6,930.00	1,155.98	1,847.37	Start 10173.97 hold at 7513.71 MD
17,687.68	6,930.00	1,133.33	12,021.31	TD at 17687.68