

FUNDARE RESOURCES OPERATING COMPANY, LLC

**WELD COUNTY
SEC 10-T10N-R58W
RAZOR 10E-0301A**

OWB

Plan: PROPOSAL 1

Standard Planning Report

30 April, 2023

Project: WELD COUNTY
Site: SEC 10-T10N-R58W
Well: RAZOR 10E-0301A
Wellbore: OWB
Design: PROPOSAL 1

PROJECT DETAILS: WELD COUNTY
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level



Azimuths to True North
Magnetic North: 7.21°
Magnetic Field
Strength: 52080.4nT
Dip Angle: 67.06°
Date: 4/29/2023
Model: IGRF2020

WELL DETAILS: RAZOR 10E-0301A

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1558276.26	3453962.08	40.854314°N	103.858944°W	

FORMATION TOP DETAILS

No formation data is available

SECTION DETAILS

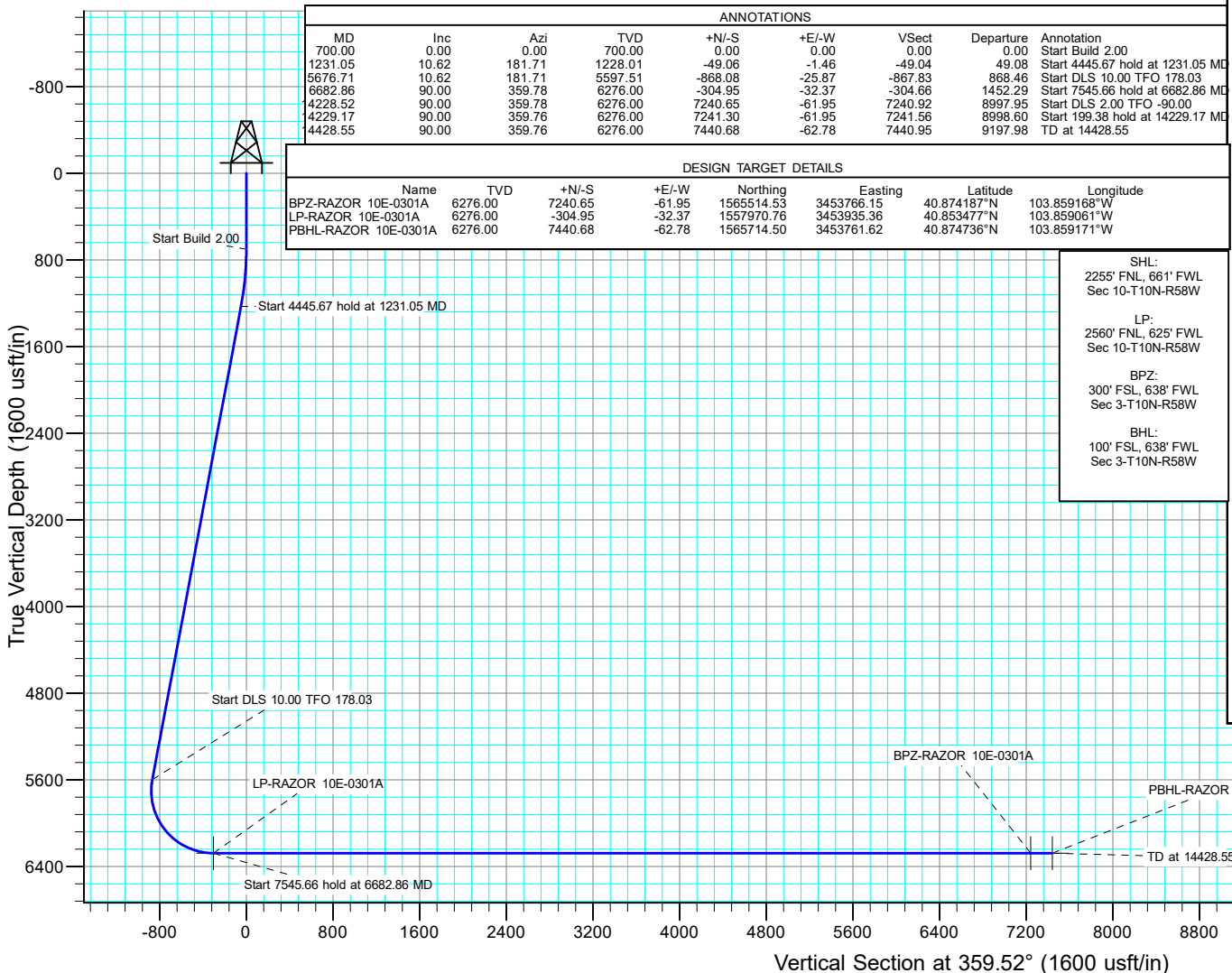
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	
3	1231.05	10.62	181.71	1228.01	-49.06	-1.46	2.00	181.71	-49.04	
4	5676.71	10.62	181.71	5597.51	-868.08	-25.87	0.00	0.00	-867.83	
5	6682.86	90.00	359.78	6276.00	-304.95	-32.37	10.00	178.03	-304.66	LP-RAZOR 10E-0301A
6	14228.52	90.00	359.78	6276.00	7240.65	-61.95	0.00	0.00	7240.92	BPZ-RAZOR 10E-0301A
7	14229.17	90.00	359.76	6276.00	7241.30	-61.95	2.00	-90.00	7241.56	PBHL-RAZOR 10E-0301A
8	14428.55	90.00	359.76	6276.00	7440.68	-62.78	0.00	0.00	7440.95	PBHL-RAZOR 10E-0301A

ANNOTATIONS

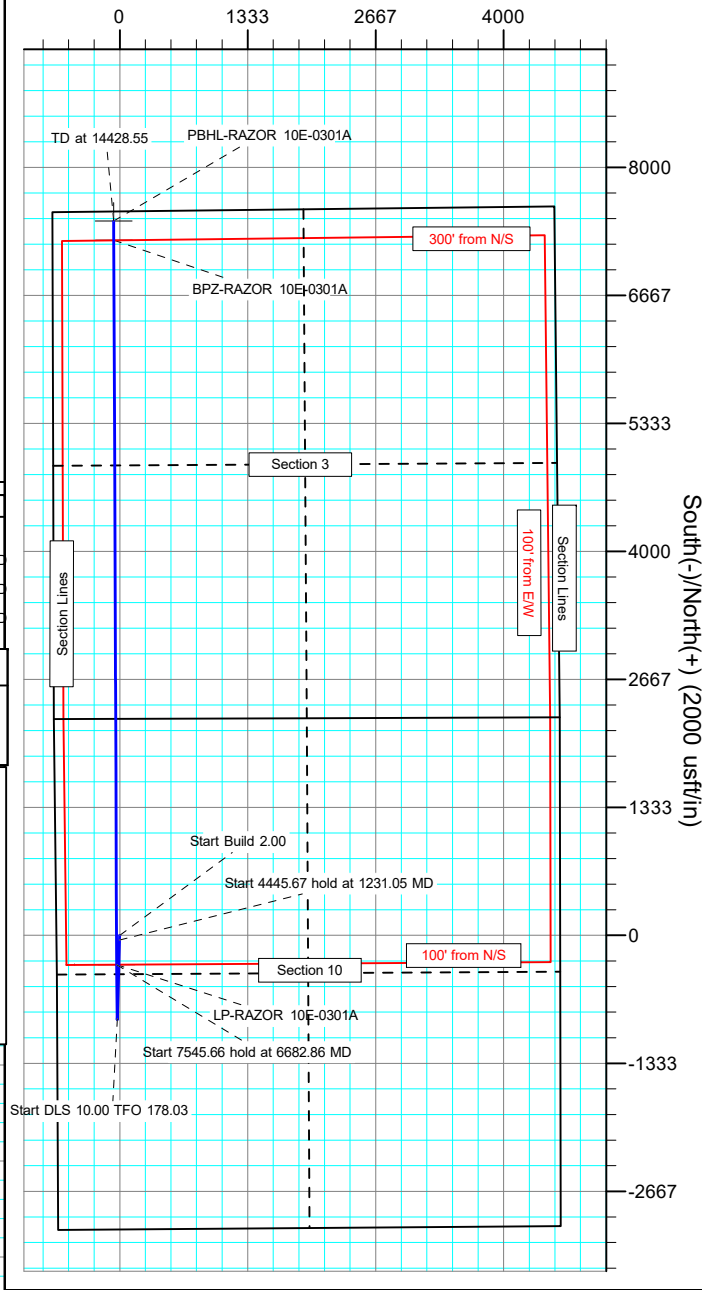
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	Start Build 2.00
1231.05	10.62	181.71	1228.01	-49.06	-1.46	-49.04	49.08	Start 4445.67 hold at 1231.05 MD
5676.71	10.62	181.71	5597.51	-868.08	-25.87	-867.83	868.46	Start DLS 10.00 TFO 178.03
6682.86	90.00	359.78	6276.00	-304.95	-32.37	-304.66	1452.29	Start 7545.66 hold at 6682.86 MD
14228.52	90.00	359.78	6276.00	7240.65	-61.95	7240.92	8997.95	Start DLS 2.00 TFO -90.00
14229.17	90.00	359.76	6276.00	7241.30	-61.95	7241.56	8998.60	Start 199.38 hold at 14229.17 MD
14428.55	90.00	359.76	6276.00	7440.68	-62.78	7440.95	9197.98	TD at 14428.55

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BPZ-RAZOR 10E-0301A	6276.00	7240.65	-61.95	1565514.53	3453766.15	40.874187°N	103.859168°W
LP-RAZOR 10E-0301A	6276.00	-304.95	-32.37	1557970.76	3453935.36	40.853477°N	103.859061°W
PBHL-RAZOR 10E-0301A	6276.00	7440.68	-62.78	1565714.50	3453761.62	40.874736°N	103.859171°W



West(-)/East(+) (2000 usft/in)



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well RAZOR 10E-0301A
Company:	FUNDARE RESOURCES OPERATING COMPANY, LLC	TVD Reference:	KB 25' @ 5050.00usft
Project:	WELD COUNTY	MD Reference:	KB 25' @ 5050.00usft
Site:	SEC 10-T10N-R58W	North Reference:	True
Well:	RAZOR 10E-0301A	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
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 10-T10N-R58W			
Site Position:		Northing:	1,560,515.21 usft	Latitude:	40.860495°N
From:	Lat/Long	Easting:	3,453,234.23 usft	Longitude:	103.861425°W
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in		

Well		RAZOR 10E-0301A				
Well Position	+N/-S	0.00 usft	Northing:	1,558,276.26 usft	Latitude:	40.854314°N
	+E/-W	0.00 usft	Easting:	3,453,962.08 usft	Longitude:	103.858944°W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	5,025.00 usft
Grid Convergence:		1.06 °				

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/29/2023	7.21	67.06	52,080.41622288

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	359.52

Plan Survey Tool Program	Date	4/30/2023			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	14,428.55	PROPOSAL 1 (OWB)	MWD	
				OWSG MWD - Standard	

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Project:	WELD COUNTY	MD Reference:	KB 25' @ 5050.00usft
Site:	SEC 10-T10N-R58W	North Reference:	True
Well:	RAZOR 10E-0301A	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PROPOSAL 1		

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	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,231.05	10.62	181.71	1,228.01	-49.06	-1.46	2.00	2.00	0.00	181.71	
5,676.71	10.62	181.71	5,597.51	-868.08	-25.87	0.00	0.00	0.00	0.00	
6,682.86	90.00	359.78	6,276.00	-304.95	-32.37	10.00	7.89	17.70	178.03	LP-RAZOR 10E-0301
14,228.52	90.00	359.78	6,276.00	7,240.65	-61.95	0.00	0.00	0.00	0.00	BPZ-RAZOR 10E-0301
14,229.17	90.00	359.76	6,276.00	7,241.30	-61.95	2.00	0.00	-2.00	-90.00	PBHL-RAZOR 10E-0301
14,428.55	90.00	359.76	6,276.00	7,440.68	-62.78	0.00	0.00	0.00	0.00	PBHL-RAZOR 10E-0301

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Project:	WELD COUNTY	MD Reference:	KB 25' @ 5050.00usft
Site:	SEC 10-T10N-R58W	North Reference:	True
Well:	RAZOR 10E-0301A	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
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	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
Start Build 2.00										
800.00	2.00	181.71	799.98	-1.74	-0.05	-1.74	2.00	2.00	0.00	
900.00	4.00	181.71	899.84	-6.98	-0.21	-6.97	2.00	2.00	0.00	
1,000.00	6.00	181.71	999.45	-15.69	-0.47	-15.68	2.00	2.00	0.00	
1,100.00	8.00	181.71	1,098.70	-27.87	-0.83	-27.86	2.00	2.00	0.00	
1,200.00	10.00	181.71	1,197.47	-43.50	-1.30	-43.49	2.00	2.00	0.00	
1,231.05	10.62	181.71	1,228.01	-49.06	-1.46	-49.04	2.00	2.00	0.00	
Start 4445.67 hold at 1231.05 MD										
1,300.00	10.62	181.71	1,295.78	-61.76	-1.84	-61.74	0.00	0.00	0.00	
1,400.00	10.62	181.71	1,394.07	-80.18	-2.39	-80.16	0.00	0.00	0.00	
1,500.00	10.62	181.71	1,492.36	-98.61	-2.94	-98.58	0.00	0.00	0.00	
1,600.00	10.62	181.71	1,590.64	-117.03	-3.49	-117.00	0.00	0.00	0.00	
1,700.00	10.62	181.71	1,688.93	-135.45	-4.04	-135.41	0.00	0.00	0.00	
1,800.00	10.62	181.71	1,787.22	-153.88	-4.59	-153.83	0.00	0.00	0.00	
1,900.00	10.62	181.71	1,885.50	-172.30	-5.13	-172.25	0.00	0.00	0.00	
2,000.00	10.62	181.71	1,983.79	-190.72	-5.68	-190.67	0.00	0.00	0.00	
2,100.00	10.62	181.71	2,082.08	-209.14	-6.23	-209.08	0.00	0.00	0.00	
2,200.00	10.62	181.71	2,180.36	-227.57	-6.78	-227.50	0.00	0.00	0.00	
2,300.00	10.62	181.71	2,278.65	-245.99	-7.33	-245.92	0.00	0.00	0.00	
2,400.00	10.62	181.71	2,376.94	-264.41	-7.88	-264.34	0.00	0.00	0.00	
2,500.00	10.62	181.71	2,475.22	-282.84	-8.43	-282.75	0.00	0.00	0.00	
2,600.00	10.62	181.71	2,573.51	-301.26	-8.98	-301.17	0.00	0.00	0.00	
2,700.00	10.62	181.71	2,671.80	-319.68	-9.53	-319.59	0.00	0.00	0.00	
2,800.00	10.62	181.71	2,770.08	-338.10	-10.08	-338.01	0.00	0.00	0.00	
2,900.00	10.62	181.71	2,868.37	-356.53	-10.63	-356.43	0.00	0.00	0.00	
3,000.00	10.62	181.71	2,966.66	-374.95	-11.17	-374.84	0.00	0.00	0.00	
3,100.00	10.62	181.71	3,064.95	-393.37	-11.72	-393.26	0.00	0.00	0.00	
3,200.00	10.62	181.71	3,163.23	-411.80	-12.27	-411.68	0.00	0.00	0.00	
3,300.00	10.62	181.71	3,261.52	-430.22	-12.82	-430.10	0.00	0.00	0.00	
3,400.00	10.62	181.71	3,359.81	-448.64	-13.37	-448.51	0.00	0.00	0.00	
3,500.00	10.62	181.71	3,458.09	-467.07	-13.92	-466.93	0.00	0.00	0.00	
3,600.00	10.62	181.71	3,556.38	-485.49	-14.47	-485.35	0.00	0.00	0.00	
3,700.00	10.62	181.71	3,654.67	-503.91	-15.02	-503.77	0.00	0.00	0.00	
3,800.00	10.62	181.71	3,752.95	-522.33	-15.57	-522.18	0.00	0.00	0.00	
3,900.00	10.62	181.71	3,851.24	-540.76	-16.12	-540.60	0.00	0.00	0.00	
4,000.00	10.62	181.71	3,949.53	-559.18	-16.67	-559.02	0.00	0.00	0.00	
4,100.00	10.62	181.71	4,047.81	-577.60	-17.21	-577.44	0.00	0.00	0.00	
4,200.00	10.62	181.71	4,146.10	-596.03	-17.76	-595.85	0.00	0.00	0.00	
4,300.00	10.62	181.71	4,244.39	-614.45	-18.31	-614.27	0.00	0.00	0.00	
4,400.00	10.62	181.71	4,342.67	-632.87	-18.86	-632.69	0.00	0.00	0.00	
4,500.00	10.62	181.71	4,440.96	-651.29	-19.41	-651.11	0.00	0.00	0.00	
4,600.00	10.62	181.71	4,539.25	-669.72	-19.96	-669.52	0.00	0.00	0.00	
4,700.00	10.62	181.71	4,637.53	-688.14	-20.51	-687.94	0.00	0.00	0.00	
4,800.00	10.62	181.71	4,735.82	-706.56	-21.06	-706.36	0.00	0.00	0.00	
4,900.00	10.62	181.71	4,834.11	-724.99	-21.61	-724.78	0.00	0.00	0.00	
5,000.00	10.62	181.71	4,932.39	-743.41	-22.16	-743.20	0.00	0.00	0.00	
5,100.00	10.62	181.71	5,030.68	-761.83	-22.70	-761.61	0.00	0.00	0.00	
5,200.00	10.62	181.71	5,128.97	-780.25	-23.25	-780.03	0.00	0.00	0.00	
5,300.00	10.62	181.71	5,227.25	-798.68	-23.80	-798.45	0.00	0.00	0.00	
5,400.00	10.62	181.71	5,325.54	-817.10	-24.35	-816.87	0.00	0.00	0.00	
5,500.00	10.62	181.71	5,423.83	-835.52	-24.90	-835.28	0.00	0.00	0.00	

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Project:	WELD COUNTY	MD Reference:	KB 25' @ 5050.00usft
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Well:	RAZOR 10E-0301A	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
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)	
5,600.00	10.62	181.71	5,522.12	-853.95	-25.45	-853.70	0.00	0.00	0.00	
5,676.71	10.62	181.71	5,597.51	-868.08	-25.87	-867.83	0.00	0.00	0.00	
Start DLS 10.00 TFO 178.03										
5,700.00	8.29	182.26	5,620.48	-871.90	-26.00	-871.65	10.00	-9.99	2.38	
5,800.00	1.75	347.85	5,720.19	-877.63	-26.61	-877.37	10.00	-6.54	165.59	
5,900.00	11.72	358.03	5,819.38	-865.96	-27.28	-865.70	10.00	9.97	10.18	
6,000.00	21.72	358.87	5,915.03	-837.24	-28.00	-836.97	10.00	10.00	0.84	
6,100.00	31.72	359.19	6,004.24	-792.34	-28.74	-792.07	10.00	10.00	0.32	
6,200.00	41.72	359.37	6,084.30	-732.64	-29.48	-732.36	10.00	10.00	0.18	
6,300.00	51.71	359.49	6,152.77	-659.94	-30.20	-659.66	10.00	10.00	0.12	
6,400.00	61.71	359.58	6,207.59	-576.45	-30.87	-576.17	10.00	10.00	0.09	
6,500.00	71.71	359.66	6,247.07	-484.72	-31.48	-484.44	10.00	10.00	0.08	
6,600.00	81.71	359.72	6,270.02	-387.52	-32.01	-387.24	10.00	10.00	0.07	
6,682.86	90.00	359.78	6,276.00	-304.95	-32.37	-304.66	10.00	10.00	0.06	
Start 7545.66 hold at 6682.86 MD										
6,700.00	90.00	359.78	6,276.00	-287.81	-32.43	-287.53	0.00	0.00	0.00	
6,800.00	90.00	359.78	6,276.00	-187.81	-32.83	-187.53	0.00	0.00	0.00	
6,900.00	90.00	359.78	6,276.00	-87.81	-33.22	-87.53	0.00	0.00	0.00	
7,000.00	90.00	359.78	6,276.00	12.19	-33.61	12.47	0.00	0.00	0.00	
7,100.00	90.00	359.78	6,276.00	112.19	-34.00	112.47	0.00	0.00	0.00	
7,200.00	90.00	359.78	6,276.00	212.19	-34.40	212.47	0.00	0.00	0.00	
7,300.00	90.00	359.78	6,276.00	312.19	-34.79	312.47	0.00	0.00	0.00	
7,400.00	90.00	359.78	6,276.00	412.19	-35.18	412.47	0.00	0.00	0.00	
7,500.00	90.00	359.78	6,276.00	512.18	-35.57	512.47	0.00	0.00	0.00	
7,600.00	90.00	359.78	6,276.00	612.18	-35.96	612.47	0.00	0.00	0.00	
7,700.00	90.00	359.78	6,276.00	712.18	-36.36	712.46	0.00	0.00	0.00	
7,800.00	90.00	359.78	6,276.00	812.18	-36.75	812.46	0.00	0.00	0.00	
7,900.00	90.00	359.78	6,276.00	912.18	-37.14	912.46	0.00	0.00	0.00	
8,000.00	90.00	359.78	6,276.00	1,012.18	-37.53	1,012.46	0.00	0.00	0.00	
8,100.00	90.00	359.78	6,276.00	1,112.18	-37.92	1,112.46	0.00	0.00	0.00	
8,200.00	90.00	359.78	6,276.00	1,212.18	-38.32	1,212.46	0.00	0.00	0.00	
8,300.00	90.00	359.78	6,276.00	1,312.18	-38.71	1,312.46	0.00	0.00	0.00	
8,400.00	90.00	359.78	6,276.00	1,412.18	-39.10	1,412.46	0.00	0.00	0.00	
8,500.00	90.00	359.78	6,276.00	1,512.18	-39.49	1,512.46	0.00	0.00	0.00	
8,600.00	90.00	359.78	6,276.00	1,612.18	-39.88	1,612.46	0.00	0.00	0.00	
8,700.00	90.00	359.78	6,276.00	1,712.18	-40.28	1,712.45	0.00	0.00	0.00	
8,800.00	90.00	359.78	6,276.00	1,812.17	-40.67	1,812.45	0.00	0.00	0.00	
8,900.00	90.00	359.78	6,276.00	1,912.17	-41.06	1,912.45	0.00	0.00	0.00	
9,000.00	90.00	359.78	6,276.00	2,012.17	-41.45	2,012.45	0.00	0.00	0.00	
9,100.00	90.00	359.78	6,276.00	2,112.17	-41.84	2,112.45	0.00	0.00	0.00	
9,200.00	90.00	359.78	6,276.00	2,212.17	-42.24	2,212.45	0.00	0.00	0.00	
9,300.00	90.00	359.78	6,276.00	2,312.17	-42.63	2,312.45	0.00	0.00	0.00	
9,400.00	90.00	359.78	6,276.00	2,412.17	-43.02	2,412.45	0.00	0.00	0.00	
9,500.00	90.00	359.78	6,276.00	2,512.17	-43.41	2,512.45	0.00	0.00	0.00	
9,600.00	90.00	359.78	6,276.00	2,612.17	-43.80	2,612.45	0.00	0.00	0.00	
9,700.00	90.00	359.78	6,276.00	2,712.17	-44.20	2,712.44	0.00	0.00	0.00	
9,800.00	90.00	359.78	6,276.00	2,812.17	-44.59	2,812.44	0.00	0.00	0.00	
9,900.00	90.00	359.78	6,276.00	2,912.17	-44.98	2,912.44	0.00	0.00	0.00	
10,000.00	90.00	359.78	6,276.00	3,012.17	-45.37	3,012.44	0.00	0.00	0.00	
10,100.00	90.00	359.78	6,276.00	3,112.16	-45.76	3,112.44	0.00	0.00	0.00	
10,200.00	90.00	359.78	6,276.00	3,212.16	-46.16	3,212.44	0.00	0.00	0.00	
10,300.00	90.00	359.78	6,276.00	3,312.16	-46.55	3,312.44	0.00	0.00	0.00	
10,400.00	90.00	359.78	6,276.00	3,412.16	-46.94	3,412.44	0.00	0.00	0.00	

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well RAZOR 10E-0301A
Company:	FUNDARE RESOURCES OPERATING COMPANY, LLC	TVD Reference:	KB 25' @ 5050.00usft
Project:	WELD COUNTY	MD Reference:	KB 25' @ 5050.00usft
Site:	SEC 10-T10N-R58W	North Reference:	True
Well:	RAZOR 10E-0301A	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
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)	
10,500.00	90.00	359.78	6,276.00	3,512.16	-47.33	3,512.44	0.00	0.00	0.00	
10,600.00	90.00	359.78	6,276.00	3,612.16	-47.72	3,612.43	0.00	0.00	0.00	
10,700.00	90.00	359.78	6,276.00	3,712.16	-48.12	3,712.43	0.00	0.00	0.00	
10,800.00	90.00	359.78	6,276.00	3,812.16	-48.51	3,812.43	0.00	0.00	0.00	
10,900.00	90.00	359.78	6,276.00	3,912.16	-48.90	3,912.43	0.00	0.00	0.00	
11,000.00	90.00	359.78	6,276.00	4,012.16	-49.29	4,012.43	0.00	0.00	0.00	
11,100.00	90.00	359.78	6,276.00	4,112.16	-49.68	4,112.43	0.00	0.00	0.00	
11,200.00	90.00	359.78	6,276.00	4,212.16	-50.08	4,212.43	0.00	0.00	0.00	
11,300.00	90.00	359.78	6,276.00	4,312.16	-50.47	4,312.43	0.00	0.00	0.00	
11,400.00	90.00	359.78	6,276.00	4,412.15	-50.86	4,412.43	0.00	0.00	0.00	
11,500.00	90.00	359.78	6,276.00	4,512.15	-51.25	4,512.43	0.00	0.00	0.00	
11,600.00	90.00	359.78	6,276.00	4,612.15	-51.65	4,612.42	0.00	0.00	0.00	
11,700.00	90.00	359.78	6,276.00	4,712.15	-52.04	4,712.42	0.00	0.00	0.00	
11,800.00	90.00	359.78	6,276.00	4,812.15	-52.43	4,812.42	0.00	0.00	0.00	
11,900.00	90.00	359.78	6,276.00	4,912.15	-52.82	4,912.42	0.00	0.00	0.00	
12,000.00	90.00	359.78	6,276.00	5,012.15	-53.21	5,012.42	0.00	0.00	0.00	
12,100.00	90.00	359.78	6,276.00	5,112.15	-53.61	5,112.42	0.00	0.00	0.00	
12,200.00	90.00	359.78	6,276.00	5,212.15	-54.00	5,212.42	0.00	0.00	0.00	
12,300.00	90.00	359.78	6,276.00	5,312.15	-54.39	5,312.42	0.00	0.00	0.00	
12,400.00	90.00	359.78	6,276.00	5,412.15	-54.78	5,412.42	0.00	0.00	0.00	
12,500.00	90.00	359.78	6,276.00	5,512.15	-55.17	5,512.42	0.00	0.00	0.00	
12,600.00	90.00	359.78	6,276.00	5,612.15	-55.57	5,612.41	0.00	0.00	0.00	
12,700.00	90.00	359.78	6,276.00	5,712.14	-55.96	5,712.41	0.00	0.00	0.00	
12,800.00	90.00	359.78	6,276.00	5,812.14	-56.35	5,812.41	0.00	0.00	0.00	
12,900.00	90.00	359.78	6,276.00	5,912.14	-56.74	5,912.41	0.00	0.00	0.00	
13,000.00	90.00	359.78	6,276.00	6,012.14	-57.13	6,012.41	0.00	0.00	0.00	
13,100.00	90.00	359.78	6,276.00	6,112.14	-57.53	6,112.41	0.00	0.00	0.00	
13,200.00	90.00	359.78	6,276.00	6,212.14	-57.92	6,212.41	0.00	0.00	0.00	
13,300.00	90.00	359.78	6,276.00	6,312.14	-58.31	6,312.41	0.00	0.00	0.00	
13,400.00	90.00	359.78	6,276.00	6,412.14	-58.70	6,412.41	0.00	0.00	0.00	
13,500.00	90.00	359.78	6,276.00	6,512.14	-59.09	6,512.41	0.00	0.00	0.00	
13,600.00	90.00	359.78	6,276.00	6,612.14	-59.49	6,612.40	0.00	0.00	0.00	
13,700.00	90.00	359.78	6,276.00	6,712.14	-59.88	6,712.40	0.00	0.00	0.00	
13,800.00	90.00	359.78	6,276.00	6,812.14	-60.27	6,812.40	0.00	0.00	0.00	
13,900.00	90.00	359.78	6,276.00	6,912.14	-60.66	6,912.40	0.00	0.00	0.00	
14,000.00	90.00	359.78	6,276.00	7,012.13	-61.05	7,012.40	0.00	0.00	0.00	
14,100.00	90.00	359.78	6,276.00	7,112.13	-61.45	7,112.40	0.00	0.00	0.00	
14,200.00	90.00	359.78	6,276.00	7,212.13	-61.84	7,212.40	0.00	0.00	0.00	
14,228.52	90.00	359.78	6,276.00	7,240.65	-61.95	7,240.92	0.00	0.00	0.00	
Start DLS 2.00 TFO -90.00										
14,229.17	90.00	359.76	6,276.00	7,241.30	-61.95	7,241.56	2.00	0.00	-2.00	
Start 199.38 hold at 14229.17 MD										
14,300.00	90.00	359.76	6,276.00	7,312.13	-62.25	7,312.40	0.00	0.00	0.00	
14,400.00	90.00	359.76	6,276.00	7,412.13	-62.66	7,412.40	0.00	0.00	0.00	
14,428.55	90.00	359.76	6,276.00	7,440.68	-62.78	7,440.95	0.00	0.00	0.00	
TD at 14428.55										

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well RAZOR 10E-0301A
Company:	FUNDARE RESOURCES OPERATING COMPANY, LLC	TVD Reference:	KB 25' @ 5050.00usft
Project:	WELD COUNTY	MD Reference:	KB 25' @ 5050.00usft
Site:	SEC 10-T10N-R58W	North Reference:	True
Well:	RAZOR 10E-0301A	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PROPOSAL 1		

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LP-RAZOR 10E-0301A - plan hits target center - Point	0.00	0.00	6,276.00	-304.95	-32.37	1,557,970.77	3,453,935.36	40.853477°N	103.859061°W
PBHL-RAZOR 10E-0301A - plan hits target center - Point	0.00	0.00	6,276.00	7,440.68	-62.78	1,565,714.51	3,453,761.62	40.874736°N	103.859171°W
BPZ-RAZOR 10E-0301A - plan hits target center - Point	0.00	0.00	6,276.00	7,240.65	-61.95	1,565,514.53	3,453,766.15	40.874187°N	103.859168°W

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
700.00	700.00	0.00	0.00	Start Build 2.00
1,231.05	1,228.01	-49.06	-1.46	Start 4445.67 hold at 1231.05 MD
5,676.71	5,597.51	-868.08	-25.87	Start DLS 10.00 TFO 178.03
6,682.86	6,276.00	-304.95	-32.37	Start 7545.66 hold at 6682.86 MD
14,228.52	6,276.00	7,240.65	-61.95	Start DLS 2.00 TFO -90.00
14,229.17	6,276.00	7,241.30	-61.95	Start 199.38 hold at 14229.17 MD
14,428.55	6,276.00	7,440.68	-62.78	TD at 14428.55