

FUNDARE RESOURCES OPERATING COMPANY, LLC

**WELD COUNTY
SEC 4-T9N-R59W
WILDHORSE 04-0404**

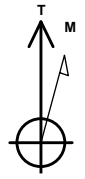
OWB

Plan: PROPOSAL 1

Standard Planning Report

22 April, 2024

Project: WELD COUNTY
 Site: SEC 4-T9N-R59W
 Well: WILDHORSE 04-0404
 Wellbore: OWB
 Design: PROPOSAL 1



Azimuths to True North
 Magnetic North: 7.17°
 Magnetic Field
 Strength: 51928.2nT
 Dip Angle: 66.94°
 Date: 4/22/2024
 Model: IGRF2020

WELL DETAILS: WILDHORSE 04-0404

+N/-S	+E/-W	Northing	Easting	5109.00	Latitude	Longitude	Slot
0.00	0.00	1532759.35	3418566.24		40.786016°N	103.988445°W	

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	Start Build 2.00
1618.33	28.37	76.02	1561.09	83.09	333.80	91.17	343.99	Start 4616.10 hold at 1618.33 MD
6234.43	28.37	76.02	5622.92	612.82	2462.04	672.41	2537.16	Start DLS 10.00 TFO 102.80
7202.67	90.00	180.50	6191.00	41.33	2754.01	1313.65	3250.18	Start 4664.04 hold at 7202.67 MD
11866.71	90.00	180.50	6191.00	-4622.53	2712.99	5358.93	7914.22	Start DLS 2.00 TFO -90.00
11868.43	90.00	180.47	6191.00	-4624.25	2712.97	5360.42	7915.94	Start 198.31 hold at 11868.43 MD
12066.73	90.00	180.47	6191.00	-4822.55	2711.35	5532.48	8114.24	TD at 12066.73

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
3	1618.33	28.37	76.02	1561.09	83.09	333.80	2.00	76.02	91.17	
4	6234.43	28.37	76.02	5622.92	612.82	2462.04	0.00	0.00	672.41	
5	7202.67	90.00	180.50	6191.00	41.33	2754.01	10.00	102.80	1313.65	TPZ-WILI
6	11866.71	90.00	180.50	6191.00	-4622.53	2712.99	0.00	0.00	5358.93	BPZ-WILI
7	11868.43	90.00	180.47	6191.00	-4624.25	2712.97	2.00	-90.00	5360.42	PBHL-WI
8	12066.73	90.00	180.47	6191.00	-4822.55	2711.35	0.00	0.00	5532.48	PBHL-WI

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	SHA
BPZ-WILDHORSE 04-0404	6191.00	-4622.53	2712.99	1528183.74	3421357.62	40.773328°N	103.978650°W	Point
PBHL-WILDHORSE 04-0404	6191.00	-4822.55	2711.35	1527983.72	3421359.39	40.772779°N	103.978656°W	Point
TPZ-WILDHORSE 04-0404	6191.00	41.33	2754.01	1532847.62	3421319.15	40.786129°N	103.978500°W	Point

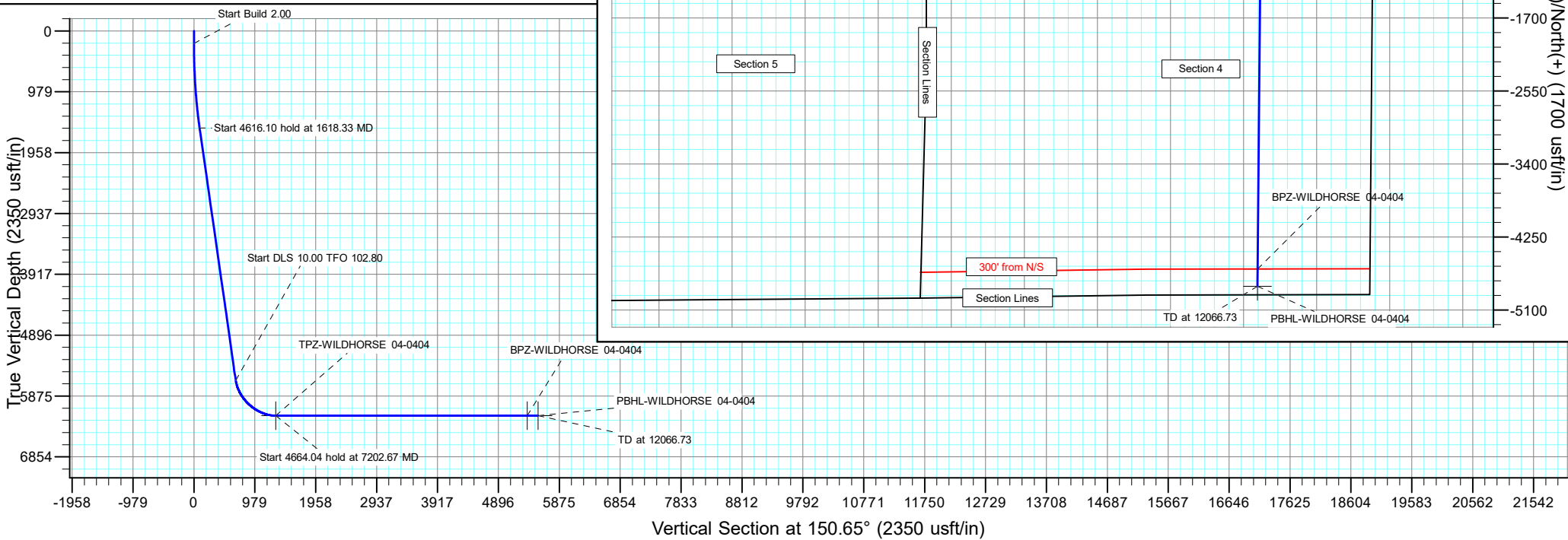
PROJECT DETAILS: WELD COUNTY
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone
 System Datum: Mean Sea Level

SHL:
 305' FNL, 1140' FWL
 Sec 4-T9N-R59W

TPZ:
 300' FNL, 1307' FEL
 Sec 4-T9N-R59W

BPZ:
 300' FSL, 1307' FEL
 Sec 4-T9N-R59W

BHL:
 100' FSL, 1307' FEL
 Sec 4-T9N-R59W



Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well WILDHORSE 04-0404
Company:	FUNDARE RESOURCES OPERATING COMPANY, LLC	TVD Reference:	KB 25' @ 5134.00usft
Project:	WELD COUNTY	MD Reference:	KB 25' @ 5134.00usft
Site:	SEC 4-T9N-R59W	North Reference:	True
Well:	WILDHORSE 04-0404	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 4-T9N-R59W				
Site Position:		Northing:	1,533,029.94 usft	Latitude:	40.786812°N
From:	Lat/Long	Easting:	3,417,422.21 usft	Longitude:	103.992559°W
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in		

Well	WILDHORSE 04-0404					
Well Position	+N/-S	0.00 usft	Northing:	1,532,759.36 usft	Latitude:	40.786016°N
	+E/-W	0.00 usft	Easting:	3,418,566.24 usft	Longitude:	103.988445°W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	5,109.00 usft
Grid Convergence:		0.98 °				

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/22/2024	7.17	66.94	51,928.19856883

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	150.65	

Plan Survey Tool Program	Date	4/22/2024			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	12,066.73 PROPOSAL 1 (OWB)	MWD	OWSG MWD - Standard	

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Site:	SEC 4-T9N-R59W	North Reference:	True
Well:	WILDHORSE 04-0404	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	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,618.33	28.37	76.02	1,561.09	83.09	333.80	2.00	2.00	0.00	76.02	
6,234.43	28.37	76.02	5,622.92	612.82	2,462.04	0.00	0.00	0.00	0.00	
7,202.67	90.00	180.50	6,191.00	41.33	2,754.01	10.00	6.37	10.79	102.80	TPZ-WILDHORSE 04
11,866.71	90.00	180.50	6,191.00	-4,622.53	2,712.99	0.00	0.00	0.00	0.00	BPZ-WILDHORSE 04
11,868.43	90.00	180.47	6,191.00	-4,624.25	2,712.97	2.00	0.00	-2.00	-90.00	PBHL-WILDHORSE C
12,066.73	90.00	180.47	6,191.00	-4,822.55	2,711.35	0.00	0.00	0.00	0.00	PBHL-WILDHORSE C

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Site:	SEC 4-T9N-R59W	North Reference:	True
Well:	WILDHORSE 04-0404	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	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
Start Build 2.00										
300.00	2.00	76.02	299.98	0.42	1.69	0.46	2.00	2.00	0.00	
400.00	4.00	76.02	399.84	1.69	6.77	1.85	2.00	2.00	0.00	
500.00	6.00	76.02	499.45	3.79	15.23	4.16	2.00	2.00	0.00	
600.00	8.00	76.02	598.70	6.73	27.05	7.39	2.00	2.00	0.00	
700.00	10.00	76.02	697.47	10.51	42.23	11.53	2.00	2.00	0.00	
800.00	12.00	76.02	795.62	15.12	60.75	16.59	2.00	2.00	0.00	
900.00	14.00	76.02	893.06	20.55	82.58	22.55	2.00	2.00	0.00	
1,000.00	16.00	76.02	989.64	26.81	107.69	29.41	2.00	2.00	0.00	
1,100.00	18.00	76.02	1,085.27	33.87	136.06	37.16	2.00	2.00	0.00	
1,200.00	20.00	76.02	1,179.82	41.73	167.65	45.79	2.00	2.00	0.00	
1,300.00	22.00	76.02	1,273.17	50.39	202.43	55.28	2.00	2.00	0.00	
1,400.00	24.00	76.02	1,365.21	59.82	240.34	65.64	2.00	2.00	0.00	
1,500.00	26.00	76.02	1,455.84	70.03	281.35	76.84	2.00	2.00	0.00	
1,600.00	28.00	76.02	1,544.94	81.00	325.40	88.87	2.00	2.00	0.00	
1,618.33	28.37	76.02	1,561.09	83.09	333.80	91.17	2.00	2.00	0.00	
Start 4616.10 hold at 1618.33 MD										
1,700.00	28.37	76.02	1,632.96	92.46	371.46	101.45	0.00	0.00	0.00	
1,800.00	28.37	76.02	1,720.95	103.93	417.56	114.04	0.00	0.00	0.00	
1,900.00	28.37	76.02	1,808.94	115.41	463.67	126.63	0.00	0.00	0.00	
2,000.00	28.37	76.02	1,896.93	126.89	509.77	139.22	0.00	0.00	0.00	
2,100.00	28.37	76.02	1,984.93	138.36	555.87	151.81	0.00	0.00	0.00	
2,200.00	28.37	76.02	2,072.92	149.84	601.98	164.41	0.00	0.00	0.00	
2,300.00	28.37	76.02	2,160.91	161.31	648.08	177.00	0.00	0.00	0.00	
2,400.00	28.37	76.02	2,248.90	172.79	694.19	189.59	0.00	0.00	0.00	
2,500.00	28.37	76.02	2,336.90	184.27	740.29	202.18	0.00	0.00	0.00	
2,600.00	28.37	76.02	2,424.89	195.74	786.40	214.77	0.00	0.00	0.00	
2,700.00	28.37	76.02	2,512.88	207.22	832.50	227.36	0.00	0.00	0.00	
2,800.00	28.37	76.02	2,600.87	218.69	878.61	239.96	0.00	0.00	0.00	
2,900.00	28.37	76.02	2,688.87	230.17	924.71	252.55	0.00	0.00	0.00	
3,000.00	28.37	76.02	2,776.86	241.64	970.82	265.14	0.00	0.00	0.00	
3,100.00	28.37	76.02	2,864.85	253.12	1,016.92	277.73	0.00	0.00	0.00	
3,200.00	28.37	76.02	2,952.84	264.60	1,063.02	290.32	0.00	0.00	0.00	
3,300.00	28.37	76.02	3,040.84	276.07	1,109.13	302.91	0.00	0.00	0.00	
3,400.00	28.37	76.02	3,128.83	287.55	1,155.23	315.51	0.00	0.00	0.00	
3,500.00	28.37	76.02	3,216.82	299.02	1,201.34	328.10	0.00	0.00	0.00	
3,600.00	28.37	76.02	3,304.81	310.50	1,247.44	340.69	0.00	0.00	0.00	
3,700.00	28.37	76.02	3,392.81	321.97	1,293.55	353.28	0.00	0.00	0.00	
3,800.00	28.37	76.02	3,480.80	333.45	1,339.65	365.87	0.00	0.00	0.00	
3,900.00	28.37	76.02	3,568.79	344.93	1,385.76	378.46	0.00	0.00	0.00	
4,000.00	28.37	76.02	3,656.78	356.40	1,431.86	391.05	0.00	0.00	0.00	
4,100.00	28.37	76.02	3,744.78	367.88	1,477.97	403.65	0.00	0.00	0.00	
4,200.00	28.37	76.02	3,832.77	379.35	1,524.07	416.24	0.00	0.00	0.00	
4,300.00	28.37	76.02	3,920.76	390.83	1,570.17	428.83	0.00	0.00	0.00	
4,400.00	28.37	76.02	4,008.75	402.31	1,616.28	441.42	0.00	0.00	0.00	
4,500.00	28.37	76.02	4,096.75	413.78	1,662.38	454.01	0.00	0.00	0.00	
4,600.00	28.37	76.02	4,184.74	425.26	1,708.49	466.60	0.00	0.00	0.00	
4,700.00	28.37	76.02	4,272.73	436.73	1,754.59	479.20	0.00	0.00	0.00	
4,800.00	28.37	76.02	4,360.72	448.21	1,800.70	491.79	0.00	0.00	0.00	
4,900.00	28.37	76.02	4,448.72	459.68	1,846.80	504.38	0.00	0.00	0.00	
5,000.00	28.37	76.02	4,536.71	471.16	1,892.91	516.97	0.00	0.00	0.00	

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Well:	WILDHORSE 04-0404	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)	
5,100.00	28.37	76.02	4,624.70	482.64	1,939.01	529.56	0.00	0.00	0.00	
5,200.00	28.37	76.02	4,712.69	494.11	1,985.11	542.15	0.00	0.00	0.00	
5,300.00	28.37	76.02	4,800.69	505.59	2,031.22	554.75	0.00	0.00	0.00	
5,400.00	28.37	76.02	4,888.68	517.06	2,077.32	567.34	0.00	0.00	0.00	
5,500.00	28.37	76.02	4,976.67	528.54	2,123.43	579.93	0.00	0.00	0.00	
5,600.00	28.37	76.02	5,064.66	540.01	2,169.53	592.52	0.00	0.00	0.00	
5,700.00	28.37	76.02	5,152.66	551.49	2,215.64	605.11	0.00	0.00	0.00	
5,800.00	28.37	76.02	5,240.65	562.97	2,261.74	617.70	0.00	0.00	0.00	
5,900.00	28.37	76.02	5,328.64	574.44	2,307.85	630.30	0.00	0.00	0.00	
6,000.00	28.37	76.02	5,416.63	585.92	2,353.95	642.89	0.00	0.00	0.00	
6,100.00	28.37	76.02	5,504.63	597.39	2,400.06	655.48	0.00	0.00	0.00	
6,200.00	28.37	76.02	5,592.62	608.87	2,446.16	668.07	0.00	0.00	0.00	
6,234.43	28.37	76.02	5,622.92	612.82	2,462.04	672.41	0.00	0.00	0.00	
Start DLS 10.00 TFO 102.80										
6,300.00	27.60	89.93	5,680.88	616.61	2,492.37	683.97	10.00	-1.17	21.21	
6,400.00	29.14	110.82	5,769.09	607.96	2,538.41	714.07	10.00	1.54	20.89	
6,500.00	33.47	128.25	5,854.68	582.17	2,582.94	758.38	10.00	4.33	17.43	
6,600.00	39.69	141.46	5,935.07	540.01	2,624.59	815.54	10.00	6.22	13.20	
6,700.00	47.04	151.37	6,007.81	482.78	2,662.12	883.82	10.00	7.35	9.91	
6,800.00	55.05	159.08	6,070.68	412.20	2,694.37	961.14	10.00	8.02	7.71	
6,900.00	63.47	165.37	6,121.79	330.42	2,720.37	1,045.17	10.00	8.42	6.30	
7,000.00	72.12	170.80	6,159.57	239.94	2,739.32	1,133.33	10.00	8.65	5.42	
7,100.00	80.91	175.71	6,182.87	143.48	2,750.66	1,222.96	10.00	8.79	4.91	
7,200.00	89.76	180.38	6,190.99	44.00	2,754.03	1,311.34	10.00	8.85	4.67	
7,202.67	90.00	180.50	6,191.00	41.33	2,754.01	1,313.65	10.00	8.86	4.63	
Start 4664.04 hold at 7202.67 MD										
7,300.00	90.00	180.50	6,191.00	-56.00	2,753.15	1,398.07	0.00	0.00	0.00	
7,400.00	90.00	180.50	6,191.00	-155.99	2,752.27	1,484.80	0.00	0.00	0.00	
7,500.00	90.00	180.50	6,191.00	-255.99	2,751.39	1,571.54	0.00	0.00	0.00	
7,600.00	90.00	180.50	6,191.00	-355.99	2,750.51	1,658.27	0.00	0.00	0.00	
7,700.00	90.00	180.50	6,191.00	-455.98	2,749.63	1,745.00	0.00	0.00	0.00	
7,800.00	90.00	180.50	6,191.00	-555.98	2,748.75	1,831.74	0.00	0.00	0.00	
7,900.00	90.00	180.50	6,191.00	-655.97	2,747.88	1,918.47	0.00	0.00	0.00	
8,000.00	90.00	180.50	6,191.00	-755.97	2,747.00	2,005.20	0.00	0.00	0.00	
8,100.00	90.00	180.50	6,191.00	-855.97	2,746.12	2,091.94	0.00	0.00	0.00	
8,200.00	90.00	180.50	6,191.00	-955.96	2,745.24	2,178.67	0.00	0.00	0.00	
8,300.00	90.00	180.50	6,191.00	-1,055.96	2,744.36	2,265.41	0.00	0.00	0.00	
8,400.00	90.00	180.50	6,191.00	-1,155.96	2,743.48	2,352.14	0.00	0.00	0.00	
8,500.00	90.00	180.50	6,191.00	-1,255.95	2,742.60	2,438.87	0.00	0.00	0.00	
8,600.00	90.00	180.50	6,191.00	-1,355.95	2,741.72	2,525.61	0.00	0.00	0.00	
8,700.00	90.00	180.50	6,191.00	-1,455.94	2,740.84	2,612.34	0.00	0.00	0.00	
8,800.00	90.00	180.50	6,191.00	-1,555.94	2,739.96	2,699.07	0.00	0.00	0.00	
8,900.00	90.00	180.50	6,191.00	-1,655.94	2,739.08	2,785.81	0.00	0.00	0.00	
9,000.00	90.00	180.50	6,191.00	-1,755.93	2,738.20	2,872.54	0.00	0.00	0.00	
9,100.00	90.00	180.50	6,191.00	-1,855.93	2,737.32	2,959.27	0.00	0.00	0.00	
9,200.00	90.00	180.50	6,191.00	-1,955.92	2,736.44	3,046.01	0.00	0.00	0.00	
9,300.00	90.00	180.50	6,191.00	-2,055.92	2,735.56	3,132.74	0.00	0.00	0.00	
9,400.00	90.00	180.50	6,191.00	-2,155.92	2,734.68	3,219.47	0.00	0.00	0.00	
9,500.00	90.00	180.50	6,191.00	-2,255.91	2,733.80	3,306.21	0.00	0.00	0.00	
9,600.00	90.00	180.50	6,191.00	-2,355.91	2,732.92	3,392.94	0.00	0.00	0.00	
9,700.00	90.00	180.50	6,191.00	-2,455.91	2,732.04	3,479.67	0.00	0.00	0.00	
9,800.00	90.00	180.50	6,191.00	-2,555.90	2,731.16	3,566.41	0.00	0.00	0.00	
9,900.00	90.00	180.50	6,191.00	-2,655.90	2,730.28	3,653.14	0.00	0.00	0.00	

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well WILDHORSE 04-0404
Company:	FUNDARE RESOURCES OPERATING COMPANY, LLC	TVD Reference:	KB 25' @ 5134.00usft
Project:	WELD COUNTY	MD Reference:	KB 25' @ 5134.00usft
Site:	SEC 4-T9N-R59W	North Reference:	True
Well:	WILDHORSE 04-0404	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)	
10,000.00	90.00	180.50	6,191.00	-2,755.89	2,729.40	3,739.87	0.00	0.00	0.00	
10,100.00	90.00	180.50	6,191.00	-2,855.89	2,728.52	3,826.61	0.00	0.00	0.00	
10,200.00	90.00	180.50	6,191.00	-2,955.89	2,727.65	3,913.34	0.00	0.00	0.00	
10,300.00	90.00	180.50	6,191.00	-3,055.88	2,726.77	4,000.07	0.00	0.00	0.00	
10,400.00	90.00	180.50	6,191.00	-3,155.88	2,725.89	4,086.81	0.00	0.00	0.00	
10,500.00	90.00	180.50	6,191.00	-3,255.87	2,725.01	4,173.54	0.00	0.00	0.00	
10,600.00	90.00	180.50	6,191.00	-3,355.87	2,724.13	4,260.27	0.00	0.00	0.00	
10,700.00	90.00	180.50	6,191.00	-3,455.87	2,723.25	4,347.01	0.00	0.00	0.00	
10,800.00	90.00	180.50	6,191.00	-3,555.86	2,722.37	4,433.74	0.00	0.00	0.00	
10,900.00	90.00	180.50	6,191.00	-3,655.86	2,721.49	4,520.48	0.00	0.00	0.00	
11,000.00	90.00	180.50	6,191.00	-3,755.85	2,720.61	4,607.21	0.00	0.00	0.00	
11,100.00	90.00	180.50	6,191.00	-3,855.85	2,719.73	4,693.94	0.00	0.00	0.00	
11,200.00	90.00	180.50	6,191.00	-3,955.85	2,718.85	4,780.68	0.00	0.00	0.00	
11,300.00	90.00	180.50	6,191.00	-4,055.84	2,717.97	4,867.41	0.00	0.00	0.00	
11,400.00	90.00	180.50	6,191.00	-4,155.84	2,717.09	4,954.14	0.00	0.00	0.00	
11,500.00	90.00	180.50	6,191.00	-4,255.84	2,716.21	5,040.88	0.00	0.00	0.00	
11,600.00	90.00	180.50	6,191.00	-4,355.83	2,715.33	5,127.61	0.00	0.00	0.00	
11,700.00	90.00	180.50	6,191.00	-4,455.83	2,714.45	5,214.34	0.00	0.00	0.00	
11,800.00	90.00	180.50	6,191.00	-4,555.82	2,713.57	5,301.08	0.00	0.00	0.00	
11,866.71	90.00	180.50	6,191.00	-4,622.53	2,712.99	5,358.93	0.00	0.00	0.00	
Start DLS 2.00 TFO -90.00										
11,868.43	90.00	180.47	6,191.00	-4,624.25	2,712.97	5,360.42	2.00	0.00	-2.00	
Start 198.31 hold at 11868.43 MD										
11,900.00	90.00	180.47	6,191.00	-4,655.82	2,712.71	5,387.82	0.00	0.00	0.00	
12,000.00	90.00	180.47	6,191.00	-4,755.82	2,711.89	5,474.58	0.00	0.00	0.00	
12,066.73	90.00	180.47	6,191.00	-4,822.55	2,711.35	5,532.48	0.00	0.00	0.00	
TD at 12066.73										

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
TPZ-WILDHORSE 04-04 - plan hits target center - Point	0.00	0.00	6,191.00	41.33	2,754.01	1,532,847.63	3,421,319.14	40.786129°N	103.978500°W
BPZ-WILDHORSE 04-04 - plan hits target center - Point	0.00	0.00	6,191.00	-4,622.53	2,712.99	1,528,183.74	3,421,357.62	40.773328°N	103.978650°W
PBHL-WILDHORSE 04-04 - plan hits target center - Point	0.00	0.00	6,191.00	-4,822.55	2,711.35	1,527,983.73	3,421,359.39	40.772779°N	103.978656°W

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well WILDHORSE 04-0404
Company:	FUNDARE RESOURCES OPERATING COMPANY, LLC	TVD Reference:	KB 25' @ 5134.00usft
Project:	WELD COUNTY	MD Reference:	KB 25' @ 5134.00usft
Site:	SEC 4-T9N-R59W	North Reference:	True
Well:	WILDHORSE 04-0404	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PROPOSAL 1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
200.00	200.00	0.00	0.00	Start Build 2.00
1,618.33	1,561.09	83.09	333.80	Start 4616.10 hold at 1618.33 MD
6,234.43	5,622.92	612.82	2,462.04	Start DLS 10.00 TFO 102.80
7,202.67	6,191.00	41.33	2,754.01	Start 4664.04 hold at 7202.67 MD
11,866.71	6,191.00	-4,622.53	2,712.99	Start DLS 2.00 TFO -90.00
11,868.43	6,191.00	-4,624.25	2,712.97	Start 198.31 hold at 11868.43 MD
12,066.73	6,191.00	-4,822.55	2,711.35	TD at 12066.73