Well Planning Report

10/24/2026

Plan: Plan #2

Falcon Ridge Project

Falcon Ridge Pad

Falcon Ridge 3H

OH

Well Planning Report

Company:	Falcon Ridge Resources	**Local Co-ordinate Reference:**	Well Falcon Ridge 3H
Project:	Falcon Ridge Project	**TVD Reference:**	RKB @ 5270.7 usft
Site:	Falcon Ridge Pad	**MD Reference:**	RKB @ 5270.7 usft
Well:	Falcon Ridge 3H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #2	**Ground Level:**	5242.7 usft

Project

Reference Datum	NAD27 / Wyoming East (EPSG:32055)	System Datum	Mean Sea Level

Well

Well Position	Falcon Ridge 3H	Latitude (NAD27)	43.205776	Longitude (NAD27)	-105.398170
Northing (usft)	925291.97	Easting (usft)	438276.54	Grid Convergence	-0.16°
Ground Level	5242.7 usft	RKB Elevation	5270.7 usft	Air Gap	28.0 usft

Wellbore

Wellbore	OH

Magnetics

Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
User Defined	2025-12-05	8.30	68.80	52917.4

Design

Design	Plan #2	Phase	PLAN	Tie On Depth (usft)	0.0
Vertical Section Direction	359.93°	Depth From TVD (usft)	0.0	+N/-S / +E/-W (usft)	0.0 / 0.0

Survey Program

From MD (usft)	To MD (usft)	Survey Tool
0.0	22386.8	ISCWSA_MWD_REV4

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	TFO (°)	Target / Notes
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0	
750.0	0.00	0.00	750.0	0.0	0.0	0.00	0.0	HOLD CL=750.0
1283.3	8.00	233.65	1281.6	-22.0	-29.9	1.50	233.6	End Curve
2412.7	8.00	233.65	2400.0	-115.2	-156.5	0.00	0.0	HOLD TVD=2400.0
3212.5	20.00	233.65	3174.6	-229.7	-312.1	1.50	360.0	End Curve 1
5940.9	20.00	233.65	5738.5	-782.7	-1063.5	0.00	0.0	End Hold
7274.1	0.00	0.00	7044.8	-919.2	-1249.0	1.50	180.0	End Curve 2
11217.1	0.00	0.00	10987.8	-919.2	-1249.0	0.00	0.0	HOLD CL=3943.0
12122.1	90.50	359.93	11560.7	-341.3	-1249.7	10.00	359.9	End Curve
22386.9	90.50	359.93	11470.7	9923.1	-1262.0	0.00	0.0	End Hold

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Site:	Falcon Ridge Pad	**MD Reference:**	RKB @ 5270.7 usft
Well:	Falcon Ridge 3H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #2	**Ground Level:**	5242.7 usft

Planned Survey (100.0 usft interval)

MD (usft)	INC (°)	AZI (°)	TVD (usft)	NS (usft)	EW (usft)	VS (usft)	DLS (°/100usft)	TFO (°)	GRID N (usft)	GRID E (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	—	—	925291.97	438276.54
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	—	925291.97	438276.54
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	—	925291.97	438276.54
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	—	925291.97	438276.54
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	—	925291.97	438276.54
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	—	925291.97	438276.54
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	—	925291.97	438276.54
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	—	925291.97	438276.54
Build 1.5° / 100'										
750.0	0.00	0.00	750.0	0.0	0.0	0.0	0.00	—	925291.97	438276.54
800.0	0.75	233.65	800.0	-0.2	-0.3	-0.2	1.50	233.6	925291.78	438276.27
900.0	2.25	233.65	900.0	-1.7	-2.4	-1.7	1.50	0.0	925290.23	438274.16
1000.0	3.75	233.65	999.8	-4.8	-6.6	-4.8	1.50	0.0	925287.12	438269.95
1100.0	5.25	233.65	1099.5	-9.5	-12.9	-9.5	1.50	0.0	925282.47	438263.63
1200.0	6.75	233.65	1199.0	-15.7	-21.3	-15.7	1.50	0.0	925276.28	438255.21
1283.3	8.00	233.65	1281.6	-22.0	-29.9	-22.0	1.50	0.0	925269.94	438246.60
EOB @ 8.00° Inc. / 233.91° Azm										
1300.0	8.00	233.65	1298.1	-23.4	-31.8	-23.4	0.00	—	925268.56	438244.73
1400.0	8.00	233.65	1397.1	-31.7	-43.0	-31.6	0.00	—	925260.31	438233.52
1500.0	8.00	233.65	1496.2	-39.9	-54.2	-39.8	0.00	—	925252.06	438222.31
1600.0	8.00	233.65	1595.2	-48.2	-65.4	-48.1	0.00	—	925243.81	438211.10
1700.0	8.00	233.65	1694.2	-56.4	-76.6	-56.3	0.00	—	925235.57	438199.89
1800.0	8.00	233.65	1793.2	-64.7	-87.9	-64.5	0.00	—	925227.32	438188.68
1900.0	8.00	233.65	1892.3	-72.9	-99.1	-72.8	0.00	—	925219.07	438177.47
2000.0	8.00	233.65	1991.3	-81.2	-110.3	-81.0	0.00	—	925210.82	438166.27
2100.0	8.00	233.65	2090.3	-89.4	-121.5	-89.3	0.00	—	925202.57	438155.06
2200.0	8.00	233.65	2189.3	-97.7	-132.7	-97.5	0.00	—	925194.32	438143.85
2300.0	8.00	233.65	2288.4	-105.9	-143.9	-105.7	0.00	—	925186.07	438132.64
2400.0	8.00	233.65	2387.4	-114.1	-155.1	-114.0	0.00	—	925177.82	438121.43
2412.7	8.00	233.65	2400.0	-115.2	-156.5	-115.0	0.00	—	925176.77	438120.00
Build 1.5° / 100'										
2500.0	9.31	233.65	2486.3	-123.0	-167.1	-122.8	1.50	360.0	925168.99	438109.43
2600.0	10.81	233.65	2584.7	-133.3	-181.2	-133.1	1.50	360.0	925158.63	438095.36
2700.0	12.31	233.65	2682.7	-145.2	-197.3	-145.0	1.50	360.0	925146.76	438079.22
2800.0	13.81	233.65	2780.1	-158.6	-215.5	-158.3	1.50	360.0	925133.36	438061.02
2900.0	15.31	233.65	2876.9	-173.5	-235.8	-173.2	1.50	360.0	925118.46	438040.78
3000.0	16.81	233.65	2973.0	-189.9	-258.0	-189.6	1.50	360.0	925102.07	438018.50
3100.0	18.31	233.65	3068.3	-207.8	-282.3	-207.4	1.50	360.0	925084.18	437994.20
3200.0	19.81	233.65	3162.9	-227.1	-308.6	-226.8	1.50	360.0	925064.83	437967.90
3212.5	20.00	233.65	3174.6	-229.7	-312.1	-229.3	1.50	360.0	925062.30	437964.46
EOB @ 20.00° Inc.										
3300.0	20.00	233.65	3256.8	-247.4	-336.2	-247.0	0.00	—	925044.57	437940.37
3400.0	20.00	233.65	3350.8	-267.7	-363.7	-267.2	0.00	—	925024.30	437912.83
3500.0	20.00	233.65	3444.8	-287.9	-391.2	-287.5	0.00	—	925004.03	437885.29
3600.0	20.00	233.65	3538.7	-308.2	-418.8	-307.7	0.00	—	924983.76	437857.75
3700.0	20.00	233.65	3632.7	-328.5	-446.3	-327.9	0.00	—	924963.49	437830.21
3800.0	20.00	233.65	3726.7	-348.8	-473.9	-348.2	0.00	—	924943.22	437802.66
3900.0	20.00	233.65	3820.7	-369.0	-501.4	-368.4	0.00	—	924922.95	437775.12
4000.0	20.00	233.65	3914.6	-389.3	-529.0	-388.6	0.00	—	924902.68	437747.58
4100.0	20.00	233.65	4008.6	-409.6	-556.5	-408.9	0.00	—	924882.41	437720.04
4200.0	20.00	233.65	4102.6	-429.8	-584.0	-429.1	0.00	—	924862.13	437692.49
4300.0	20.00	233.65	4196.5	-450.1	-611.6	-449.4	0.00	—	924841.86	437664.95
4400.0	20.00	233.65	4290.5	-470.4	-639.1	-469.6	0.00	—	924821.59	437637.41
4500.0	20.00	233.65	4384.5	-490.6	-666.7	-489.8	0.00	—	924801.32	437609.87
4600.0	20.00	233.65	4478.5	-510.9	-694.2	-510.1	0.00	—	924781.05	437582.32
4700.0	20.00	233.65	4572.4	-531.2	-721.8	-530.3	0.00	—	924760.78	437554.78
4800.0	20.00	233.65	4666.4	-551.5	-749.3	-550.5	0.00	—	924740.51	437527.24
4900.0	20.00	233.65	4760.4	-571.7	-776.8	-570.8	0.00	—	924720.24	437499.70
5000.0	20.00	233.65	4854.3	-592.0	-804.4	-591.0	0.00	—	924699.97	437472.15
5100.0	20.00	233.65	4948.3	-612.3	-831.9	-611.2	0.00	—	924679.70	437444.61
5200.0	20.00	233.65	5042.3	-632.5	-859.5	-631.5	0.00	—	924659.43	437417.07
5300.0	20.00	233.65	5136.3	-652.8	-887.0	-651.7	0.00	—	924639.16	437389.53
5400.0	20.00	233.65	5230.2	-673.1	-914.5	-672.0	0.00	—	924618.89	437361.99
5500.0	20.00	233.65	5324.2	-693.4	-942.1	-692.2	0.00	—	924598.62	437334.44
5600.0	20.00	233.65	5418.2	-713.6	-969.6	-712.4	0.00	—	924578.35	437306.90

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Site: Falcon Ridge Pad
Well: Falcon Ridge 3H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well Falcon Ridge 3H
TVD Reference: RKB @ 5270.7 usft
MD Reference: RKB @ 5270.7 usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Ground Level: 5242.7 usft

MD (usft)	INC (°)	AZI (°)	TVD (usft)	NS (usft)	EW (usft)	VS (usft)	DLS (°/100usft)	TFO (°)	GRID N (usft)	GRID E (usft)
5700.0	20.00	233.65	5512.1	-733.9	-997.2	-732.7	0.00	—	924558.08	437279.36
5800.0	20.00	233.65	5606.1	-754.2	-1024.7	-752.9	0.00	—	924537.80	437251.82
5900.0	20.00	233.65	5700.1	-774.4	-1052.3	-773.1	0.00	—	924517.53	437224.27
Drop 1.5° /100'										
5940.9	20.00	233.65	5738.5	-782.7	-1063.5	-781.4	0.00	—	924509.24	437213.00
6000.0	19.11	233.65	5794.2	-794.5	-1079.5	-793.1	1.50	180.0	924497.52	437197.08
6100.0	17.61	233.65	5889.1	-813.1	-1104.8	-811.8	1.50	180.0	924478.85	437171.71
6200.0	16.11	233.65	5984.8	-830.3	-1128.2	-828.9	1.50	180.0	924461.65	437148.35
6300.0	14.61	233.65	6081.2	-846.0	-1149.5	-844.6	1.50	180.0	924445.95	437127.01
6400.0	13.11	233.65	6178.3	-860.2	-1168.8	-858.8	1.50	180.0	924431.75	437107.72
6500.0	11.61	233.65	6276.0	-872.9	-1186.1	-871.4	1.50	180.0	924419.06	437090.48
6600.0	10.11	233.65	6374.2	-884.1	-1201.2	-882.6	1.50	180.0	924407.89	437075.30
6700.0	8.61	233.65	6472.9	-893.7	-1214.3	-892.2	1.50	180.0	924398.25	437062.20
6800.0	7.11	233.65	6571.9	-901.8	-1225.3	-900.3	1.50	180.0	924390.15	437051.19
6900.0	5.61	233.65	6671.3	-908.4	-1234.3	-906.9	1.50	180.0	924383.58	437042.27
7000.0	4.11	233.65	6770.9	-913.4	-1241.1	-911.9	1.50	180.0	924378.56	437035.44
7100.0	2.61	233.65	6870.8	-916.9	-1245.8	-915.3	1.50	180.0	924375.08	437030.72
7200.0	1.11	233.65	6970.7	-918.8	-1248.4	-917.3	1.50	180.0	924373.16	437028.10
EOD @ Vertical										
7274.1	0.00	0.00	7044.8	-919.2	-1249.0	-917.7	1.50	180.0	924372.73	437027.52
7300.0	0.00	0.00	7070.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
7400.0	0.00	0.00	7170.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
7500.0	0.00	0.00	7270.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
Upper Sand A										
Shale A										
7600.0	0.00	0.00	7370.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
7700.0	0.00	0.00	7470.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
7800.0	0.00	0.00	7570.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
7900.0	0.00	0.00	7670.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
8000.0	0.00	0.00	7770.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
8100.0	0.00	0.00	7870.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
8200.0	0.00	0.00	7970.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
8300.0	0.00	0.00	8070.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
8400.0	0.00	0.00	8170.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
8500.0	0.00	0.00	8270.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
Upper Sand B										
8600.0	0.00	0.00	8370.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
8700.0	0.00	0.00	8470.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
8800.0	0.00	0.00	8570.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
Sand C										
8900.0	0.00	0.00	8670.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9000.0	0.00	0.00	8770.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9100.0	0.00	0.00	8870.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9200.0	0.00	0.00	8970.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9300.0	0.00	0.00	9070.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9400.0	0.00	0.00	9170.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9500.0	0.00	0.00	9270.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9600.0	0.00	0.00	9370.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9700.0	0.00	0.00	9470.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9800.0	0.00	0.00	9570.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
9900.0	0.00	0.00	9670.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
Sand D										
10000.0	0.00	0.00	9770.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
Sand D Base										
10100.0	0.00	0.00	9870.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
10200.0	0.00	0.00	9970.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
10300.0	0.00	0.00	10070.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
Sand E										
10400.0	0.00	0.00	10170.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
10500.0	0.00	0.00	10270.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
Sand E Base										
10600.0	0.00	0.00	10370.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
10700.0	0.00	0.00	10470.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
10800.0	0.00	0.00	10570.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
10900.0	0.00	0.00	10670.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
11000.0	0.00	0.00	10770.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
11100.0	0.00	0.00	10870.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52

Well Planning Report

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Site: Falcon Ridge Pad
Well: Falcon Ridge 3H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well Falcon Ridge 3H
TVD Reference: RKB @ 5270.7 usft
MD Reference: RKB @ 5270.7 usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Ground Level: 5242.7 usft

MD (usft)	INC (°)	AZI (°)	TVD (usft)	NS (usft)	EW (usft)	VS (usft)	DLS (°/100usft)	TFO (°)	GRID N (usft)	GRID E (usft)
11200.0	0.00	0.00	10970.7	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
Build 10° / 100'										
11217.1	0.00	0.00	10987.8	-919.2	-1249.0	-917.7	0.00	—	924372.73	437027.52
11300.0	8.29	359.93	11070.4	-913.2	-1249.0	-911.7	10.00	359.9	924378.72	437027.52
11400.0	18.29	359.93	11167.6	-890.3	-1249.0	-888.7	10.00	0.0	924401.69	437027.49
Chalk A										
11500.0	28.29	359.93	11259.3	-850.8	-1249.1	-849.2	10.00	0.0	924441.18	437027.44
Chalk B Top										
11600.0	38.29	359.93	11342.8	-796.0	-1249.2	-794.4	10.00	0.0	924496.00	437027.38
11700.0	48.29	359.93	11415.5	-727.5	-1249.2	-725.9	10.00	0.0	924564.49	437027.30
11800.0	58.29	359.93	11475.2	-647.4	-1249.3	-645.9	10.00	0.0	924644.56	437027.20
Chalk C Top										
11900.0	68.29	359.93	11520.1	-558.2	-1249.4	-556.7	10.00	0.0	924733.77	437027.09
12000.0	78.29	359.93	11548.8	-462.5	-1249.6	-461.0	10.00	0.0	924829.43	437026.98
12100.0	88.29	359.93	11560.5	-363.3	-1249.7	-361.8	10.00	0.0	924928.62	437026.86
EOB @ 90.50° Inc. / 0.19° Azm										
12122.1	90.50	359.93	11560.7	-341.3	-1249.7	-339.7	10.00	0.0	924950.71	437026.83
12200.0	90.50	359.93	11560.0	-263.4	-1249.8	-261.8	0.00	—	925028.62	437026.74
12300.0	90.50	359.93	11559.2	-163.4	-1249.9	-161.8	0.00	—	925128.61	437026.62
12400.0	90.50	359.93	11558.3	-63.4	-1250.0	-61.8	0.00	—	925228.61	437026.50
12500.0	90.50	359.93	11557.4	36.6	-1250.2	38.2	0.00	—	925328.60	437026.38
12600.0	90.50	359.93	11556.5	136.6	-1250.3	138.2	0.00	—	925428.60	437026.26
12700.0	90.50	359.93	11555.6	236.6	-1250.4	238.2	0.00	—	925528.60	437026.14
12800.0	90.50	359.93	11554.8	336.6	-1250.5	338.2	0.00	—	925628.59	437026.02
12900.0	90.50	359.93	11553.9	436.6	-1250.6	438.2	0.00	—	925728.59	437025.91
13000.0	90.50	359.93	11553.0	536.6	-1250.7	538.2	0.00	—	925828.59	437025.79
13100.0	90.50	359.93	11552.1	636.6	-1250.9	638.2	0.00	—	925928.58	437025.67
13200.0	90.50	359.93	11551.3	736.6	-1251.0	738.2	0.00	—	926028.58	437025.55
13300.0	90.50	359.93	11550.4	836.6	-1251.1	838.1	0.00	—	926128.57	437025.43
13400.0	90.50	359.93	11549.5	936.6	-1251.2	938.1	0.00	—	926228.57	437025.31
13500.0	90.50	359.93	11548.6	1036.6	-1251.3	1038.1	0.00	—	926328.57	437025.19
13600.0	90.50	359.93	11547.7	1136.6	-1251.5	1138.1	0.00	—	926428.56	437025.07
13700.0	90.50	359.93	11546.9	1236.6	-1251.6	1238.1	0.00	—	926528.56	437024.95
13800.0	90.50	359.93	11546.0	1336.6	-1251.7	1338.1	0.00	—	926628.56	437024.83
13900.0	90.50	359.93	11545.1	1436.6	-1251.8	1438.1	0.00	—	926728.55	437024.71
14000.0	90.50	359.93	11544.2	1536.6	-1251.9	1538.1	0.00	—	926828.55	437024.59
14100.0	90.50	359.93	11543.4	1636.6	-1252.1	1638.1	0.00	—	926928.55	437024.47
14200.0	90.50	359.93	11542.5	1736.6	-1252.2	1738.1	0.00	—	927028.54	437024.35
14300.0	90.50	359.93	11541.6	1836.6	-1252.3	1838.1	0.00	—	927128.54	437024.23
14400.0	90.50	359.93	11540.7	1936.6	-1252.4	1938.1	0.00	—	927228.53	437024.11
14500.0	90.50	359.93	11539.9	2036.6	-1252.5	2038.1	0.00	—	927328.53	437023.99
14600.0	90.50	359.93	11539.0	2136.6	-1252.7	2138.1	0.00	—	927428.53	437023.87
14700.0	90.50	359.93	11538.1	2236.5	-1252.8	2238.1	0.00	—	927528.52	437023.76
14800.0	90.50	359.93	11537.2	2336.5	-1252.9	2338.1	0.00	—	927628.52	437023.64
14900.0	90.50	359.93	11536.3	2436.5	-1253.0	2438.1	0.00	—	927728.52	437023.52
15000.0	90.50	359.93	11535.5	2536.5	-1253.1	2538.1	0.00	—	927828.51	437023.40
15100.0	90.50	359.93	11534.6	2636.5	-1253.3	2638.1	0.00	—	927928.51	437023.28
15200.0	90.50	359.93	11533.7	2736.5	-1253.4	2738.1	0.00	—	928028.50	437023.16
15300.0	90.50	359.93	11532.8	2836.5	-1253.5	2838.1	0.00	—	928128.50	437023.04
15400.0	90.50	359.93	11532.0	2936.5	-1253.6	2938.1	0.00	—	928228.50	437022.92
15500.0	90.50	359.93	11531.1	3036.5	-1253.7	3038.1	0.00	—	928328.49	437022.80
15600.0	90.50	359.93	11530.2	3136.5	-1253.9	3138.1	0.00	—	928428.49	437022.68
15700.0	90.50	359.93	11529.3	3236.5	-1254.0	3238.1	0.00	—	928528.49	437022.56
15800.0	90.50	359.93	11528.5	3336.5	-1254.1	3338.1	0.00	—	928628.48	437022.44
15900.0	90.50	359.93	11527.6	3436.5	-1254.2	3438.0	0.00	—	928728.48	437022.32
16000.0	90.50	359.93	11526.7	3536.5	-1254.3	3538.0	0.00	—	928828.47	437022.20
16100.0	90.50	359.93	11525.8	3636.5	-1254.5	3638.0	0.00	—	928928.47	437022.08
16200.0	90.50	359.93	11524.9	3736.5	-1254.6	3738.0	0.00	—	929028.47	437021.96
16300.0	90.50	359.93	11524.1	3836.5	-1254.7	3838.0	0.00	—	929128.46	437021.84
16400.0	90.50	359.93	11523.2	3936.5	-1254.8	3938.0	0.00	—	929228.46	437021.72
16500.0	90.50	359.93	11522.3	4036.5	-1254.9	4038.0	0.00	—	929328.46	437021.61
16600.0	90.50	359.93	11521.4	4136.5	-1255.0	4138.0	0.00	—	929428.45	437021.49
16700.0	90.50	359.93	11520.6	4236.5	-1255.2	4238.0	0.00	—	929528.45	437021.37
16800.0	90.50	359.93	11519.7	4336.5	-1255.3	4338.0	0.00	—	929628.44	437021.25
16900.0	90.50	359.93	11518.8	4436.5	-1255.4	4438.0	0.00	—	929728.44	437021.13
17000.0	90.50	359.93	11517.9	4536.5	-1255.5	4538.0	0.00	—	929828.44	437021.01
17100.0	90.50	359.93	11517.1	4636.5	-1255.6	4638.0	0.00	—	929928.43	437020.89

Well Planning Report

Company: Falcon Ridge Resources
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Site: Falcon Ridge Pad
Well: Falcon Ridge 3H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well Falcon Ridge 3H
TVD Reference: RKB @ 5270.7 usft
MD Reference: RKB @ 5270.7 usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Ground Level: 5242.7 usft

MD (usft)	INC (°)	AZI (°)	TVD (usft)	NS (usft)	EW (usft)	VS (usft)	DLS (°/100usft)	TFO (°)	GRID N (usft)	GRID E (usft)
17200.0	90.50	359.93	11516.2	4736.4	-1255.8	4738.0	0.00	—	930028.43	437020.77
17300.0	90.50	359.93	11515.3	4836.4	-1255.9	4838.0	0.00	—	930128.43	437020.65
17400.0	90.50	359.93	11514.4	4936.4	-1256.0	4938.0	0.00	—	930228.42	437020.53
17500.0	90.50	359.93	11513.5	5036.4	-1256.1	5038.0	0.00	—	930328.42	437020.41
17600.0	90.50	359.93	11512.7	5136.4	-1256.2	5138.0	0.00	—	930428.41	437020.29
17700.0	90.50	359.93	11511.8	5236.4	-1256.4	5238.0	0.00	—	930528.41	437020.17
17800.0	90.50	359.93	11510.9	5336.4	-1256.5	5338.0	0.00	—	930628.41	437020.05
17900.0	90.50	359.93	11510.0	5436.4	-1256.6	5438.0	0.00	—	930728.40	437019.93
18000.0	90.50	359.93	11509.2	5536.4	-1256.7	5538.0	0.00	—	930828.40	437019.81
18100.0	90.50	359.93	11508.3	5636.4	-1256.8	5638.0	0.00	—	930928.40	437019.69
18200.0	90.50	359.93	11507.4	5736.4	-1257.0	5738.0	0.00	—	931028.39	437019.57
18300.0	90.50	359.93	11506.5	5836.4	-1257.1	5838.0	0.00	—	931128.39	437019.46
18400.0	90.50	359.93	11505.6	5936.4	-1257.2	5938.0	0.00	—	931228.39	437019.34
18500.0	90.50	359.93	11504.8	6036.4	-1257.3	6037.9	0.00	—	931328.38	437019.22
18600.0	90.50	359.93	11503.9	6136.4	-1257.4	6137.9	0.00	—	931428.38	437019.10
18700.0	90.50	359.93	11503.0	6236.4	-1257.6	6237.9	0.00	—	931528.37	437018.98
18800.0	90.50	359.93	11502.1	6336.4	-1257.7	6337.9	0.00	—	931628.37	437018.86
18900.0	90.50	359.93	11501.3	6436.4	-1257.8	6437.9	0.00	—	931728.37	437018.74
19000.0	90.50	359.93	11500.4	6536.4	-1257.9	6537.9	0.00	—	931828.36	437018.62
19100.0	90.50	359.93	11499.5	6636.4	-1258.0	6637.9	0.00	—	931928.36	437018.50
19200.0	90.50	359.93	11498.6	6736.4	-1258.2	6737.9	0.00	—	932028.36	437018.38
19300.0	90.50	359.93	11497.8	6836.4	-1258.3	6837.9	0.00	—	932128.35	437018.26
19400.0	90.50	359.93	11496.9	6936.4	-1258.4	6937.9	0.00	—	932228.35	437018.14
19500.0	90.50	359.93	11496.0	7036.4	-1258.5	7037.9	0.00	—	932328.34	437018.02
19600.0	90.50	359.93	11495.1	7136.4	-1258.6	7137.9	0.00	—	932428.34	437017.90
19700.0	90.50	359.93	11494.2	7236.4	-1258.8	7237.9	0.00	—	932528.34	437017.78
19800.0	90.50	359.93	11493.4	7336.3	-1258.9	7337.9	0.00	—	932628.33	437017.66
19900.0	90.50	359.93	11492.5	7436.3	-1259.0	7437.9	0.00	—	932728.33	437017.54
20000.0	90.50	359.93	11491.6	7536.3	-1259.1	7537.9	0.00	—	932828.33	437017.43
20100.0	90.50	359.93	11490.7	7636.3	-1259.2	7637.9	0.00	—	932928.32	437017.31
20200.0	90.50	359.93	11489.9	7736.3	-1259.3	7737.9	0.00	—	933028.32	437017.19
20300.0	90.50	359.93	11489.0	7836.3	-1259.5	7837.9	0.00	—	933128.31	437017.07
20400.0	90.50	359.93	11488.1	7936.3	-1259.6	7937.9	0.00	—	933228.31	437016.95
20500.0	90.50	359.93	11487.2	8036.3	-1259.7	8037.9	0.00	—	933328.31	437016.83
20600.0	90.50	359.93	11486.4	8136.3	-1259.8	8137.9	0.00	—	933428.30	437016.71
20700.0	90.50	359.93	11485.5	8236.3	-1259.9	8237.9	0.00	—	933528.30	437016.59
20800.0	90.50	359.93	11484.6	8336.3	-1260.1	8337.9	0.00	—	933628.30	437016.47
20900.0	90.50	359.93	11483.7	8436.3	-1260.2	8437.9	0.00	—	933728.29	437016.35
21000.0	90.50	359.93	11482.8	8536.3	-1260.3	8537.9	0.00	—	933828.29	437016.23
21100.0	90.50	359.93	11482.0	8636.3	-1260.4	8637.8	0.00	—	933928.28	437016.11
21200.0	90.50	359.93	11481.1	8736.3	-1260.5	8737.8	0.00	—	934028.28	437015.99
21300.0	90.50	359.93	11480.2	8836.3	-1260.7	8837.8	0.00	—	934128.28	437015.87
21400.0	90.50	359.93	11479.3	8936.3	-1260.8	8937.8	0.00	—	934228.27	437015.75
21500.0	90.50	359.93	11478.5	9036.3	-1260.9	9037.8	0.00	—	934328.27	437015.63
21600.0	90.50	359.93	11477.6	9136.3	-1261.0	9137.8	0.00	—	934428.27	437015.51
21700.0	90.50	359.93	11476.7	9236.3	-1261.1	9237.8	0.00	—	934528.26	437015.39
21800.0	90.50	359.93	11475.8	9336.3	-1261.3	9337.8	0.00	—	934628.26	437015.28
21900.0	90.50	359.93	11474.9	9436.3	-1261.4	9437.8	0.00	—	934728.25	437015.16
22000.0	90.50	359.93	11474.1	9536.3	-1261.5	9537.8	0.00	—	934828.25	437015.04
22100.0	90.50	359.93	11473.2	9636.3	-1261.6	9637.8	0.00	—	934928.25	437014.92
22200.0	90.50	359.93	11472.3	9736.3	-1261.7	9737.8	0.00	—	935028.24	437014.80
22300.0	90.50	359.93	11471.4	9836.2	-1261.9	9837.8	0.00	—	935128.24	437014.68
TD @ 22386.9' MD / 11470.7' TVD										
22386.8	90.50	359.93	11470.7	9923.1	-1262.0	9924.6	0.00	—	935215.08	437014.57

Well Planning Report

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MD Reference: RKB @ 5270.7 usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Ground Level: 5242.7 usft

Formations

MD (usft)	TVD Wellhead (usft)	TVD Subsurface (usft)	TVD Path (usft)	Name	Dip °	Dip Direction °
7501.8	7264.5	1993.8	7272.5	Upper Sand A	-0.50	359.93
7565.3	7328.0	2057.3	7336.0	Shale A	-0.50	359.93
8531.8	8294.5	3023.8	8302.5	Upper Sand B	-0.50	359.93
8857.5	8620.2	3349.5	8628.2	Sand C	-0.50	359.93
9952.5	9715.2	4444.5	9723.2	Sand D	-0.50	359.93
10015.4	9778.1	4507.4	9786.1	Sand D Base	-0.50	359.93
10346.6	10109.3	4838.6	10117.3	Sand E	-0.50	359.93
10507.1	10269.8	4999.1	10277.8	Sand E Base	-0.50	359.93
11434.6	11192.5	5921.8	11125.5	Chalk A	-0.50	359.93
11521.3	11270.6	5999.9	11180.4	Chalk B Top	-0.50	359.93
11817.4	11478.7	6208.0	11367.9	Chalk C Top	-0.50	359.93
—	11605.2	6334.5	—	Shale B	-0.50	359.93
—	11868.5	6597.8	—	Lower Sand A	-0.50	359.93
—	11934.7	6664.0	—	Lower Sand A Base	-0.50	359.93
—	12703.6	7432.9	—	Shale C	-0.50	359.93

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Design Targets

Target Name	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude (NAD27)	Longitude (NAD27)
Falcon Ridge Target 72	11470.7	9926.9	-1217.7	935218.9	437058.9	43.233003	-105.402842
Falcon Ridge Target 77	10987.8	-915.4	-1254.1	924376.6	437022.5	43.203254	-105.402864
Falcon Ridge Target 82	11560.7	-336.7	-1252.1	924955.3	437024.4	43.204842	-105.402863

Well Planning Report

Company:	Falcon Ridge Resources	**Local Co-ordinate Reference:**	Well Falcon Ridge 3H
Project:	Falcon Ridge Project	**TVD Reference:**	RKB @ 5270.7 usft
Site:	Falcon Ridge Pad	**MD Reference:**	RKB @ 5270.7 usft
Well:	Falcon Ridge 3H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #2	**Ground Level:**	5242.7 usft

Annotations

MD (usft)	Annotation
750.0	Build 1.5° / 100'
1283.3	EOB @ 8.00° Inc. / 233.91° Azm
2412.7	Build 1.5° / 100'
3212.5	EOB @ 20.00° Inc.
5940.9	Drop 1.5° /100'
7274.1	EOD @ Vertical
11217.1	Build 10° / 100'
12122.1	EOB @ 90.50° Inc. / 0.19° Azm
22386.8	TD @ 22386.9' MD / 11470.7' TVD