



Falcon Ridge 3H	
Company	DirectionalPlan Demo Energy
Project	Red Mesa Development (Demo)
Pad	Falcon Ridge Pad
Wellbore	OH
Design	Prototype Plan
Created By	DirectionalPlan.com

FORMATION TOPS		
TVD Path (usft)	MD Path (usft)	Formation
7264.5	7454.9	Upper Sand A
7328.0	7518.8	Shale A
8294.5	8485.9	Upper Sand B
8620.2	8811.6	Sand C
9715.2	9906.6	Sand D
9778.1	9969.4	Sand D Base

WELL DETAILS					
Ground Level (usft)	5242.7	RKB Elev (usft)	5270.7	Air Gap (usft)	28.0
Reference Datum	NAD27 / Wyoming East (EPSG:32055)				
Latitude (NAD27)	43.205776		Longitude (NAD27)	-105.398170	
Northing (usft)	925292.0		Easting (usft)	438276.5	
Grid Conv.	-0.159°	VS Azm	359.93°	Zone	WY-27E

WELL PATH DESIGN									
MD (usft)	Inc (°)	Azi (°)	CL (usft)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	VSect (usft)	DLS (°/100usft)	TF (°)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00	
2400.0	0.00	0.00	2400.0	2400.0	0.0	0.0	0.0	0.00	
3601.6	18.02	228.95	1201.6	3581.9	-123.1	-141.4	-122.9	1.50	229.0
6696.7	18.02	228.95	3095.0	6525.1	-752.0	-863.6	-750.9	0.00	
7898.3	0.00	0.00	1201.6	7707.0	-875.1	-1005.0	-873.8	1.50	180.0
11150.3	0.00	0.00	3252.0	10959.0	-875.1	-1005.0	-873.8	0.00	
12055.3	90.49	359.74	904.9	11531.9	-297.2	-1007.7	-296.0	10.00	359.7
22308.8	90.49	359.74	10253.5	11444.0	9955.8	-1054.4	9957.1	0.00	

