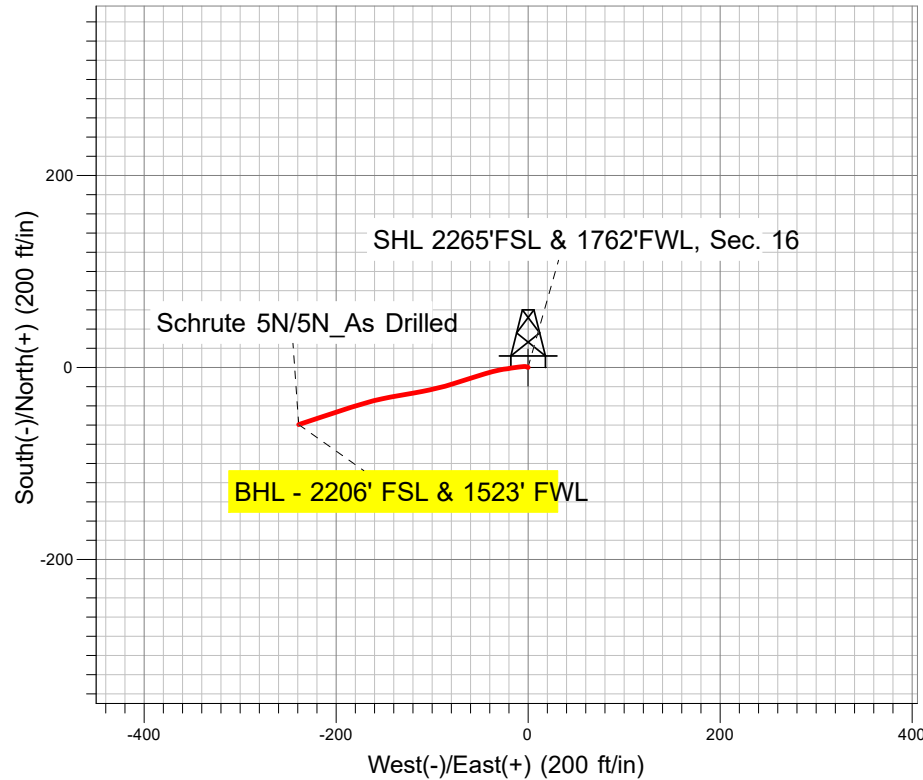




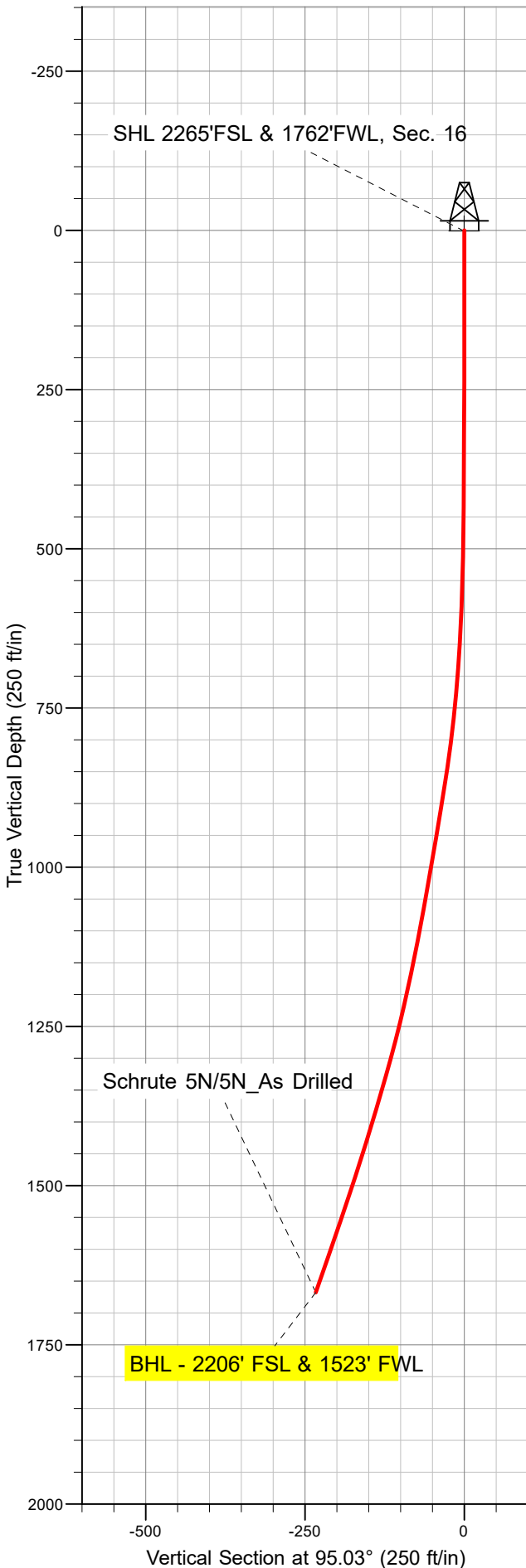
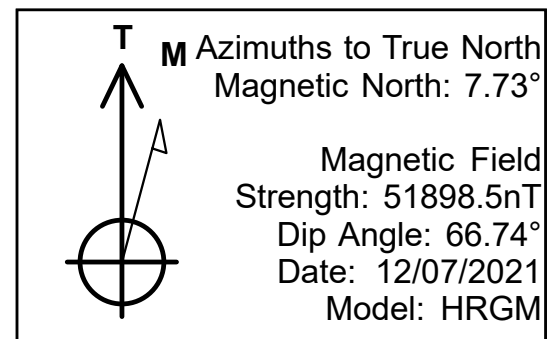
Well Name: Schrute 5N
Surface Location: Schrute 5N64W16 1-10 Pad Sec.16-T5N-R64W
North American Datum 1983 US State Plane 1983 Colorado Northern Zone
Ground Elevation: 4613.0
+N/-S +E/-W Northing Easting Latitude Longitude
0.0 0.0 1389330.77 3262329.75 40.398290 -104.558103
Ensign 122 RKB - 13' WELL @ 4626.0ft (Ensign 122 RKB - 13')

PDC Energy Inc. DJ Basin

Final Survey Plot



Project: SEC.16-T5N-R64W
Site: Schrute 5N64W16 1-10 Pad Sec.16-T5N-R64W
Well: Schrute 5N
Plan: 5N_As Drilled





PDC Energy Inc. DJ Basin

SEC.16-T5N-R64W

Schrute 5N64W16 1-10 Pad Sec.16-T5N-R64W

Schrute 5N

Schrute 5N Wellbore #1

Design: 5N_As Drilled

Standard Survey Report

08 February, 2022

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well Schrute 5N
Project:	SEC.16-T5N-R64W	TVD Reference:	WELL @ 4626.0ft (Ensign 122 RKB - 13')
Site:	Schrute 5N64W16 1-10 Pad Sec.16-T5N-R64W	MD Reference:	WELL @ 4626.0ft (Ensign 122 RKB - 13')
Well:	Schrute 5N	North Reference:	True
Wellbore:	Schrute 5N Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	5N_As Drilled	Database:	US_EDM

Project	SEC.16-T5N-R64W, Weld County, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site		Schrute 5N64W16 1-10 Pad Sec.16-T5N-R64W			
Site Position:		Northing:		1,389,329.90 usft	
From:		Easting:		3,262,269.80 usft	
Position Uncertainty:		Slot Radius:		Grid Convergence:	
Lat/Long		0.0 ft		40.398290	
		13-3/16 "		-104.558319	
				0.61 °	

Well	Schrute 5N					
Well Position	+N/-S	0.0 ft	Northing:	1,389,330.77 usf	Latitude:	40.398290
	+E/-W	0.0 ft	Easting:	3,262,329.76 usf	Longitude:	-104.558103
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,613.0 ft

Wellbore	Schrute 5N Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	12/07/2021	7.73	66.74	51,898.49144548

Design	5N_As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	6,641.0	0.0	0.0	95.03	

Survey Program	Date	02/08/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
147.0	1,700.0	5N_As Drilled (Schrute 5N Wellbore #1)	MWD	MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
147.0	0.20	46.90	147.0	0.2	0.2	0.2	0.14	0.14	0.00
238.0	0.30	259.80	238.0	0.2	0.1	0.0	0.53	0.11	-161.65
330.0	0.40	318.90	330.0	0.4	-0.4	-0.4	0.39	0.11	64.24
419.0	0.30	307.30	419.0	0.8	-0.8	-0.8	0.14	-0.11	-13.03
508.0	1.00	270.90	508.0	1.0	-1.7	-1.8	0.88	0.79	-40.90
598.0	2.30	275.60	598.0	1.2	-4.3	-4.4	1.45	1.44	5.22
687.0	4.20	260.30	686.8	0.8	-9.3	-9.3	2.33	2.13	-17.19
777.0	6.90	261.90	776.4	-0.5	-17.9	-17.8	3.00	3.00	1.78
866.0	8.90	259.30	864.5	-2.6	-30.0	-29.6	2.28	2.25	-2.92

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well Schrute 5N
Project:	SEC.16-T5N-R64W	TVD Reference:	WELL @ 4626.0ft (Ensign 122 RKB - 13')
Site:	Schrute 5N64W16 1-10 Pad Sec.16-T5N-R64W	MD Reference:	WELL @ 4626.0ft (Ensign 122 RKB - 13')
Well:	Schrute 5N	North Reference:	True
Wellbore:	Schrute 5N Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	5N_As Drilled	Database:	US_EDM

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
956.0	10.50	252.80	953.2	-6.3	-44.6	-43.9	2.15	1.78	-7.22
1,045.0	10.80	252.60	1,040.7	-11.2	-60.3	-59.1	0.34	0.34	-0.22
1,134.0	12.00	251.90	1,127.9	-16.5	-77.1	-75.4	1.36	1.35	-0.79
1,223.0	13.60	257.00	1,214.7	-21.8	-96.1	-93.8	2.20	1.80	5.73
1,313.0	15.70	260.30	1,301.8	-26.2	-118.4	-115.7	2.51	2.33	3.67
1,402.0	17.40	259.60	1,387.1	-30.6	-143.4	-140.1	1.92	1.91	-0.79
1,491.0	18.80	253.80	1,471.7	-37.0	-170.2	-166.3	2.56	1.57	-6.52
1,581.0	20.60	251.70	1,556.4	-46.1	-199.2	-194.4	2.15	2.00	-2.33
1,640.0	20.60	251.50	1,611.7	-52.6	-218.9	-213.4	0.12	0.00	-0.34
1,700.0	20.60	251.50	1,667.8	-59.3	-238.9	-232.8	0.00	0.00	0.00
BHL - 2206' FSL & 1523' FWL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,700.0	1,667.8	-59.3	-238.9	BHL - 2206' FSL & 1523' FWL

Checked By: _____	Approved By: _____	Date: _____
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