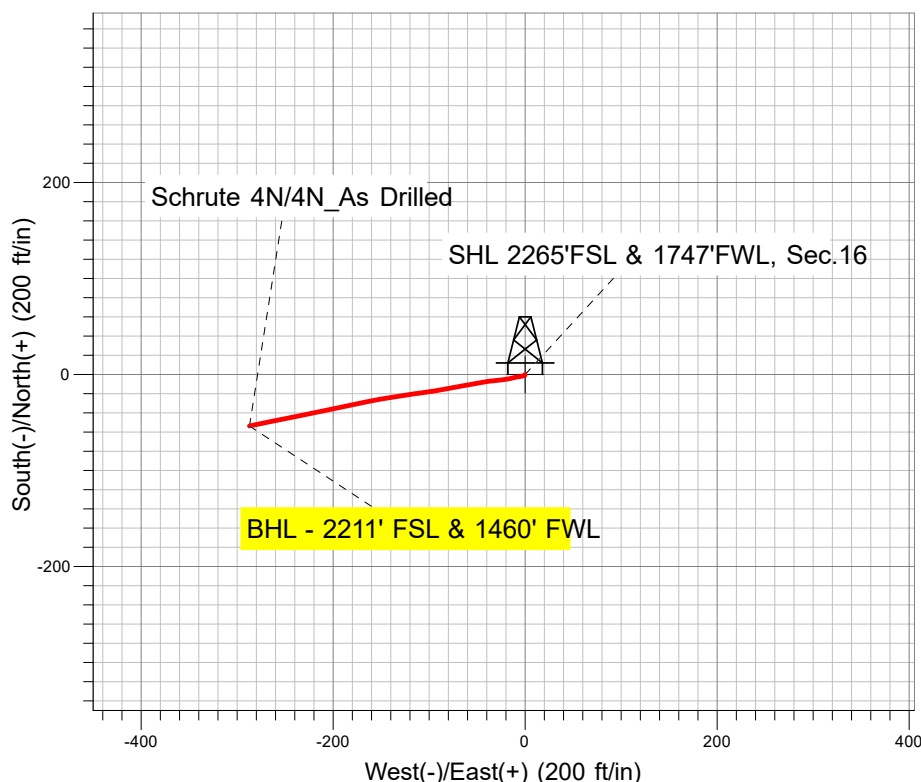




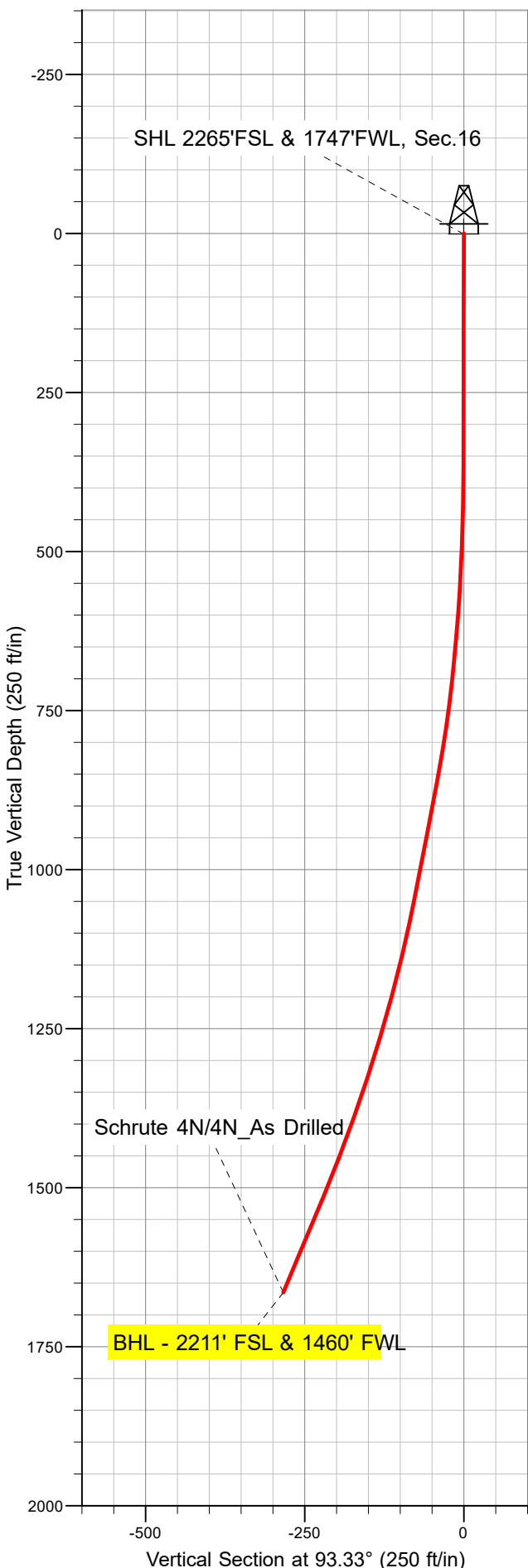
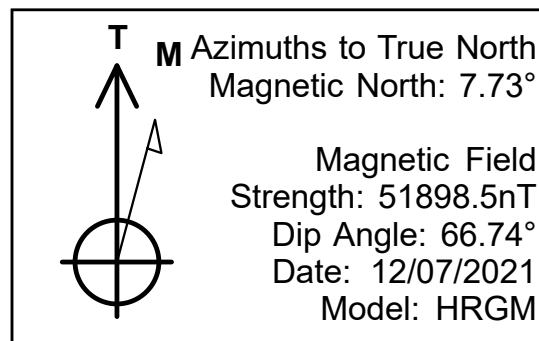
Well Name: Schrute 4N
Surface Location: Schrute 5N64W16 1-10 Pad Sec.16-T5N-R64W
North American Datum 1983 US State Plane 1983 Colorado Northern Zone
Ground Elevation: 4613.0
+N/-S +E/-W Northing Easting Latitude Longitude
0.0 0.0 1389330.58 3262314.74 40.398290 -104.558157
Ensign 122 RKB - 13' WELL @ 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 4N
Plan: 4N_As Drilled





PDC Energy Inc. DJ Basin

SEC.16-T5N-R64W

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

Schrute 4N

Schrute 4N Wellbore #1

Design: 4N_As Drilled

Standard Survey Report

08 February, 2022

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well Schrute 4N
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 4N	North Reference:	True
Wellbore:	Schrute 4N Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	4N_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 4N					
Well Position	+N/-S	0.0 ft	Northing:	1,389,330.58 usf	Latitude:	40.398290
	+E/-W	0.0 ft	Easting:	3,262,314.74 usf	Longitude:	-104.558157
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,613.0 ft

Wellbore	Schrute 4N Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	12/07/2021	7.73	66.74	51,898.50645177

Design	4N_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 (°)	
	0.0	0.0	0.0	93.33	

Survey Program	Date	02/08/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
144.0	1,708.0	4N_As Drilled (Schrute 4N 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
144.0	0.30	205.80	144.0	-0.3	-0.2	-0.1	0.21	0.21	0.00
236.0	0.10	173.30	236.0	-0.6	-0.3	-0.2	0.24	-0.22	-35.33
328.0	0.40	241.20	328.0	-0.9	-0.5	-0.5	0.41	0.33	73.80
416.0	0.60	250.00	416.0	-1.2	-1.2	-1.2	0.24	0.23	10.00
506.0	2.50	261.70	506.0	-1.6	-3.6	-3.5	2.13	2.11	13.00
595.0	4.40	258.40	594.8	-2.6	-8.9	-8.7	2.15	2.13	-3.71
685.0	5.80	257.90	684.4	-4.2	-16.7	-16.4	1.56	1.56	-0.56
774.0	8.40	264.20	772.7	-5.8	-27.6	-27.2	3.05	2.92	7.08
864.0	10.80	261.40	861.5	-7.8	-42.5	-41.9	2.72	2.67	-3.11

Company:	PDC Energy Inc. DJ Basin	Local Co-ordinate Reference:	Well Schrute 4N
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 4N	North Reference:	True
Wellbore:	Schrute 4N Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	4N_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)
953.0	11.40	258.90	948.8	-10.7	-59.3	-58.6	0.86	0.67	-2.81
1,043.0	11.30	259.80	1,037.1	-14.0	-76.7	-75.8	0.23	-0.11	1.00
1,132.0	13.20	261.60	1,124.0	-17.0	-95.4	-94.2	2.18	2.13	2.02
1,221.0	16.10	261.60	1,210.1	-20.3	-117.6	-116.3	3.26	3.26	0.00
1,311.0	17.50	260.70	1,296.3	-24.3	-143.3	-141.7	1.58	1.56	-1.00
1,400.0	20.00	258.00	1,380.5	-29.6	-171.4	-169.4	2.97	2.81	-3.03
1,491.0	22.00	258.40	1,465.5	-36.3	-203.4	-200.9	2.20	2.20	0.44
1,578.0	23.70	258.20	1,545.7	-43.1	-236.4	-233.5	1.96	1.95	-0.23
1,648.0	23.40	258.60	1,609.8	-48.8	-263.8	-260.6	0.49	-0.43	0.57
1,708.0	23.40	258.60	1,664.9	-53.5	-287.2	-283.6	0.00	0.00	0.00
BHL - 2211' FSL & 1460' FWL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,708.0	1,664.9	-53.5	-287.2	BHL - 2211' FSL & 1460' FWL