

ConocoPhillips RBU Gold Data

Niobrara North Zone

Florida

Florida 3-65 27-26 3DH

Florida 3-65 27-26 3DH

Plan: Florida 3-65 27-26 3DH Rev.A

Standard Planning Report

17 November, 2017

ConocoPhillips

Planning Report

Database:	EDT 14 Central Planning	Local Co-ordinate Reference:	Well Florida 3-65 27-26 3DH
Company:	ConocoPhillips RBU Gold Data	TVD Reference:	B16 @ 5689.00ft
Project:	Niobrara North Zone	MD Reference:	B16 @ 5689.00ft
Site:	Florida	North Reference:	True
Well:	Florida 3-65 27-26 3DH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Florida 3-65 27-26 3DH		
Design:	Florida 3-65 27-26 3DH Rev.A		

Project	Niobrara North Zone, Colorado North Zone, FIPS Zone: 0501		
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	Florida			
Site Position:		Northing:	1,159,831.332 usft	Latitude: 39° 46' 8.512 N
From:	Lat/Long	Easting:	3,236,267.808 usft	Longitude: 104° 39' 34.139 W
Position Uncertainty:	0.00 ft	Slot Radius:	26 "	Grid Convergence: 0.54 °

Well	Florida 3-65 27-26 3DH			
Well Position	+N/-S	-3,757.22 ft	Northing:	1,156,079.912 usft
	+E/-W	590.32 ft	Easting:	3,236,893.704 usft
Position Uncertainty		2.00 ft	Wellhead Elevation:	Latitude: 39° 45' 31.380 N
				Longitude: 104° 39' 26.580 W
				Ground Level: 5,664.00 ft

Wellbore	Florida 3-65 27-26 3DH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2017	11/17/2017	8.25	66.38	52,000.49064365

Design	Florida 3-65 27-26 3DH Rev.A			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	7,812.00	0.00	0.00	90.44

Plan Survey Tool Program	Date	11/17/2017		
Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	2,129.00	Florida 3-65 27-26 3DH Rev.A (F	SDI ADK 105
				AdK w/ Gyrocompass HS refer
2	2,129.00	18,149.03	Florida 3-65 27-26 3DH Rev.A (F	MWD+IFR_No SAG
				MWD + IFR (No SAG) correctic

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Wellbore:	Florida 3-65 27-26 3DH		
Design:	Florida 3-65 27-26 3DH Rev.A		

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	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	
2,129.00	0.00	0.00	2,129.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,775.99	28.14	269.74	6,701.48	-2.06	-451.49	1.50	1.50	0.00	269.74	
7,152.93	28.14	269.74	7,033.86	-2.88	-629.26	0.00	0.00	0.00	0.00	
8,338.11	90.38	90.37	7,877.00	-11.13	-120.27	10.00	5.25	-15.13	-179.28	Florida 3-65 27-26 3D
18,149.03	90.38	90.37	7,812.00	-74.00	9,690.24	0.00	0.00	0.00	0.00	Florida 3-65 27-26 3D

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Project:	Niobrara North Zone	MD Reference:	B16 @ 5689.00ft
Site:	Florida	North Reference:	True
Well:	Florida 3-65 27-26 3DH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Florida 3-65 27-26 3DH		
Design:	Florida 3-65 27-26 3DH Rev.A		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	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
100.00	0.00	0.00	100.00	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
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,129.00	0.00	0.00	2,129.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	1.50	269.74	4,999.99	-0.01	-1.31	-1.31	1.50	1.50	0.00
5,100.00	3.00	269.74	5,099.91	-0.02	-5.23	-5.23	1.50	1.50	0.00

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Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.00	4.50	269.74	5,199.69	-0.05	-11.77	-11.77	1.50	1.50	0.00
5,300.00	6.00	269.74	5,299.27	-0.10	-20.92	-20.92	1.50	1.50	0.00
5,400.00	7.50	269.74	5,398.57	-0.15	-32.68	-32.68	1.50	1.50	0.00
5,500.00	9.00	269.74	5,497.54	-0.21	-47.03	-47.02	1.50	1.50	0.00
5,600.00	10.50	269.74	5,596.09	-0.29	-63.96	-63.96	1.50	1.50	0.00
5,700.00	12.00	269.74	5,694.16	-0.38	-83.47	-83.46	1.50	1.50	0.00
5,800.00	13.50	269.74	5,791.70	-0.48	-105.54	-105.53	1.50	1.50	0.00
5,900.00	15.00	269.74	5,888.62	-0.59	-130.15	-130.14	1.50	1.50	0.00
6,000.00	16.50	269.74	5,984.86	-0.72	-157.30	-157.29	1.50	1.50	0.00
6,100.00	18.00	269.74	6,080.36	-0.85	-186.95	-186.94	1.50	1.50	0.00
6,200.00	19.50	269.74	6,175.05	-1.00	-219.09	-219.08	1.50	1.50	0.00
6,300.00	21.00	269.74	6,268.86	-1.16	-253.70	-253.69	1.50	1.50	0.00
6,400.00	22.50	269.74	6,361.74	-1.33	-290.76	-290.74	1.50	1.50	0.00
6,500.00	24.00	269.74	6,453.62	-1.51	-330.23	-330.21	1.50	1.50	0.00
6,600.00	25.50	269.74	6,544.43	-1.70	-372.09	-372.07	1.50	1.50	0.00
6,700.00	27.00	269.74	6,634.12	-1.90	-416.32	-416.29	1.50	1.50	0.00
6,775.99	28.14	269.74	6,701.48	-2.06	-451.49	-451.46	1.50	1.50	0.00
6,800.00	28.14	269.74	6,722.65	-2.11	-462.81	-462.78	0.00	0.00	0.00
6,900.00	28.14	269.74	6,810.83	-2.33	-509.98	-509.94	0.00	0.00	0.00
7,000.00	28.14	269.74	6,899.01	-2.55	-557.14	-557.10	0.00	0.00	0.00
7,100.00	28.14	269.74	6,987.19	-2.76	-604.30	-604.26	0.00	0.00	0.00
7,152.93	28.14	269.74	7,033.86	-2.88	-629.26	-629.22	0.00	0.00	0.00
7,200.00	23.43	269.59	7,076.23	-2.99	-649.73	-649.69	10.00	-10.00	-0.31
7,300.00	13.44	268.96	7,170.98	-3.35	-681.31	-681.27	10.00	-10.00	-0.63
7,400.00	3.45	264.76	7,269.77	-3.84	-695.96	-695.91	10.00	-9.99	-4.20
7,500.00	6.58	93.30	7,369.61	-4.44	-693.23	-693.18	10.00	3.13	-171.46
7,600.00	16.57	91.50	7,467.45	-5.15	-673.21	-673.15	10.00	9.99	-1.79
7,700.00	26.57	91.04	7,560.33	-5.93	-636.49	-636.43	10.00	10.00	-0.46
7,800.00	36.57	90.82	7,645.42	-6.77	-584.21	-584.15	10.00	10.00	-0.22
7,900.00	46.57	90.69	7,720.14	-7.64	-517.95	-517.88	10.00	10.00	-0.14
8,000.00	56.57	90.59	7,782.22	-8.51	-439.72	-439.64	10.00	10.00	-0.10
8,100.00	66.57	90.52	7,829.77	-9.35	-351.89	-351.81	10.00	10.00	-0.08
8,200.00	76.57	90.45	7,861.34	-10.15	-257.15	-257.06	10.00	10.00	-0.07
8,300.00	86.57	90.39	7,875.99	-10.87	-158.36	-158.27	10.00	10.00	-0.06
8,338.11	90.38	90.37	7,877.00	-11.13	-120.27	-120.18	10.00	10.00	-0.06
8,400.00	90.38	90.37	7,876.59	-11.52	-58.38	-58.29	0.00	0.00	0.00
8,500.00	90.38	90.37	7,875.93	-12.16	41.61	41.71	0.00	0.00	0.00
8,600.00	90.38	90.37	7,875.27	-12.80	141.61	141.70	0.00	0.00	0.00
8,700.00	90.38	90.37	7,874.60	-13.45	241.61	241.70	0.00	0.00	0.00
8,800.00	90.38	90.37	7,873.94	-14.09	341.60	341.70	0.00	0.00	0.00
8,900.00	90.38	90.37	7,873.28	-14.73	441.60	441.70	0.00	0.00	0.00
9,000.00	90.38	90.37	7,872.61	-15.37	541.59	541.69	0.00	0.00	0.00
9,100.00	90.38	90.37	7,871.95	-16.01	641.59	641.69	0.00	0.00	0.00
9,200.00	90.38	90.37	7,871.29	-16.65	741.58	741.69	0.00	0.00	0.00
9,300.00	90.38	90.37	7,870.63	-17.29	841.58	841.69	0.00	0.00	0.00
9,400.00	90.38	90.37	7,869.96	-17.93	941.58	941.69	0.00	0.00	0.00
9,500.00	90.38	90.37	7,869.30	-18.57	1,041.57	1,041.68	0.00	0.00	0.00
9,600.00	90.38	90.37	7,868.64	-19.21	1,141.57	1,141.68	0.00	0.00	0.00
9,700.00	90.38	90.37	7,867.98	-19.85	1,241.56	1,241.68	0.00	0.00	0.00
9,800.00	90.38	90.37	7,867.31	-20.49	1,341.56	1,341.68	0.00	0.00	0.00
9,900.00	90.38	90.37	7,866.65	-21.14	1,441.56	1,441.67	0.00	0.00	0.00
10,000.00	90.38	90.37	7,865.99	-21.78	1,541.55	1,541.67	0.00	0.00	0.00
10,100.00	90.38	90.37	7,865.33	-22.42	1,641.55	1,641.67	0.00	0.00	0.00
10,200.00	90.38	90.37	7,864.66	-23.06	1,741.54	1,741.67	0.00	0.00	0.00

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Company:	ConocoPhillips RBU Gold Data	TVD Reference:	B16 @ 5689.00ft
Project:	Niobrara North Zone	MD Reference:	B16 @ 5689.00ft
Site:	Florida	North Reference:	True
Well:	Florida 3-65 27-26 3DH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Florida 3-65 27-26 3DH		
Design:	Florida 3-65 27-26 3DH Rev.A		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
10,300.00	90.38	90.37	7,864.00	-23.70	1,841.54	1,841.67	0.00	0.00	0.00	
10,400.00	90.38	90.37	7,863.34	-24.34	1,941.53	1,941.66	0.00	0.00	0.00	
10,500.00	90.38	90.37	7,862.68	-24.98	2,041.53	2,041.66	0.00	0.00	0.00	
10,600.00	90.38	90.37	7,862.01	-25.62	2,141.53	2,141.66	0.00	0.00	0.00	
10,700.00	90.38	90.37	7,861.35	-26.26	2,241.52	2,241.66	0.00	0.00	0.00	
10,800.00	90.38	90.37	7,860.69	-26.90	2,341.52	2,341.65	0.00	0.00	0.00	
10,900.00	90.38	90.37	7,860.03	-27.54	2,441.51	2,441.65	0.00	0.00	0.00	
11,000.00	90.38	90.37	7,859.36	-28.19	2,541.51	2,541.65	0.00	0.00	0.00	
11,100.00	90.38	90.37	7,858.70	-28.83	2,641.50	2,641.65	0.00	0.00	0.00	
11,200.00	90.38	90.37	7,858.04	-29.47	2,741.50	2,741.65	0.00	0.00	0.00	
11,300.00	90.38	90.37	7,857.38	-30.11	2,841.50	2,841.64	0.00	0.00	0.00	
11,400.00	90.38	90.37	7,856.71	-30.75	2,941.49	2,941.64	0.00	0.00	0.00	
11,500.00	90.38	90.37	7,856.05	-31.39	3,041.49	3,041.64	0.00	0.00	0.00	
11,600.00	90.38	90.37	7,855.39	-32.03	3,141.48	3,141.64	0.00	0.00	0.00	
11,700.00	90.38	90.37	7,854.73	-32.67	3,241.48	3,241.63	0.00	0.00	0.00	
11,800.00	90.38	90.37	7,854.06	-33.31	3,341.47	3,341.63	0.00	0.00	0.00	
11,900.00	90.38	90.37	7,853.40	-33.95	3,441.47	3,441.63	0.00	0.00	0.00	
12,000.00	90.38	90.37	7,852.74	-34.59	3,541.47	3,541.63	0.00	0.00	0.00	
12,100.00	90.38	90.37	7,852.08	-35.24	3,641.46	3,641.62	0.00	0.00	0.00	
12,200.00	90.38	90.37	7,851.41	-35.88	3,741.46	3,741.62	0.00	0.00	0.00	
12,300.00	90.38	90.37	7,850.75	-36.52	3,841.45	3,841.62	0.00	0.00	0.00	
12,400.00	90.38	90.37	7,850.09	-37.16	3,941.45	3,941.62	0.00	0.00	0.00	
12,500.00	90.38	90.37	7,849.43	-37.80	4,041.44	4,041.62	0.00	0.00	0.00	
12,600.00	90.38	90.37	7,848.76	-38.44	4,141.44	4,141.61	0.00	0.00	0.00	
12,700.00	90.38	90.37	7,848.10	-39.08	4,241.44	4,241.61	0.00	0.00	0.00	
12,800.00	90.38	90.37	7,847.44	-39.72	4,341.43	4,341.61	0.00	0.00	0.00	
12,900.00	90.38	90.37	7,846.78	-40.36	4,441.43	4,441.61	0.00	0.00	0.00	
13,000.00	90.38	90.37	7,846.11	-41.00	4,541.42	4,541.60	0.00	0.00	0.00	
13,100.00	90.38	90.37	7,845.45	-41.64	4,641.42	4,641.60	0.00	0.00	0.00	
13,200.00	90.38	90.37	7,844.79	-42.28	4,741.42	4,741.60	0.00	0.00	0.00	
13,300.00	90.38	90.37	7,844.13	-42.93	4,841.41	4,841.60	0.00	0.00	0.00	
13,400.00	90.38	90.37	7,843.46	-43.57	4,941.41	4,941.60	0.00	0.00	0.00	
13,500.00	90.38	90.37	7,842.80	-44.21	5,041.40	5,041.59	0.00	0.00	0.00	
13,600.00	90.38	90.37	7,842.14	-44.85	5,141.40	5,141.59	0.00	0.00	0.00	
13,700.00	90.38	90.37	7,841.48	-45.49	5,241.39	5,241.59	0.00	0.00	0.00	
13,800.00	90.38	90.37	7,840.81	-46.13	5,341.39	5,341.59	0.00	0.00	0.00	
13,900.00	90.38	90.37	7,840.15	-46.77	5,441.39	5,441.58	0.00	0.00	0.00	
14,000.00	90.38	90.37	7,839.49	-47.41	5,541.38	5,541.58	0.00	0.00	0.00	
14,100.00	90.38	90.37	7,838.83	-48.05	5,641.38	5,641.58	0.00	0.00	0.00	
14,200.00	90.38	90.37	7,838.16	-48.69	5,741.37	5,741.58	0.00	0.00	0.00	
14,300.00	90.38	90.37	7,837.50	-49.33	5,841.37	5,841.57	0.00	0.00	0.00	
14,400.00	90.38	90.37	7,836.84	-49.98	5,941.36	5,941.57	0.00	0.00	0.00	
14,500.00	90.38	90.37	7,836.18	-50.62	6,041.36	6,041.57	0.00	0.00	0.00	
14,600.00	90.38	90.37	7,835.51	-51.26	6,141.36	6,141.57	0.00	0.00	0.00	
14,700.00	90.38	90.37	7,834.85	-51.90	6,241.35	6,241.57	0.00	0.00	0.00	
14,800.00	90.38	90.37	7,834.19	-52.54	6,341.35	6,341.56	0.00	0.00	0.00	
14,900.00	90.38	90.37	7,833.53	-53.18	6,441.34	6,441.56	0.00	0.00	0.00	
15,000.00	90.38	90.37	7,832.86	-53.82	6,541.34	6,541.56	0.00	0.00	0.00	
15,100.00	90.38	90.37	7,832.20	-54.46	6,641.33	6,641.56	0.00	0.00	0.00	
15,200.00	90.38	90.37	7,831.54	-55.10	6,741.33	6,741.55	0.00	0.00	0.00	
15,300.00	90.38	90.37	7,830.88	-55.74	6,841.33	6,841.55	0.00	0.00	0.00	
15,400.00	90.38	90.37	7,830.21	-56.38	6,941.32	6,941.55	0.00	0.00	0.00	
15,500.00	90.38	90.37	7,829.55	-57.03	7,041.32	7,041.55	0.00	0.00	0.00	
15,600.00	90.38	90.37	7,828.89	-57.67	7,141.31	7,141.55	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 14 Central Planning	Local Co-ordinate Reference:	Well Florida 3-65 27-26 3DH
Company:	ConocoPhillips RBU Gold Data	TVD Reference:	B16 @ 5689.00ft
Project:	Niobrara North Zone	MD Reference:	B16 @ 5689.00ft
Site:	Florida	North Reference:	True
Well:	Florida 3-65 27-26 3DH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Florida 3-65 27-26 3DH		
Design:	Florida 3-65 27-26 3DH Rev.A		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
15,700.00	90.38	90.37	7,828.23	-58.31	7,241.31	7,241.54	0.00	0.00	0.00
15,800.00	90.38	90.37	7,827.56	-58.95	7,341.30	7,341.54	0.00	0.00	0.00
15,900.00	90.38	90.37	7,826.90	-59.59	7,441.30	7,441.54	0.00	0.00	0.00
16,000.00	90.38	90.37	7,826.24	-60.23	7,541.30	7,541.54	0.00	0.00	0.00
16,100.00	90.38	90.37	7,825.58	-60.87	7,641.29	7,641.53	0.00	0.00	0.00
16,200.00	90.38	90.37	7,824.91	-61.51	7,741.29	7,741.53	0.00	0.00	0.00
16,300.00	90.38	90.37	7,824.25	-62.15	7,841.28	7,841.53	0.00	0.00	0.00
16,400.00	90.38	90.37	7,823.59	-62.79	7,941.28	7,941.53	0.00	0.00	0.00
16,500.00	90.38	90.37	7,822.93	-63.43	8,041.27	8,041.52	0.00	0.00	0.00
16,600.00	90.38	90.37	7,822.26	-64.07	8,141.27	8,141.52	0.00	0.00	0.00
16,700.00	90.38	90.37	7,821.60	-64.72	8,241.27	8,241.52	0.00	0.00	0.00
16,800.00	90.38	90.37	7,820.94	-65.36	8,341.26	8,341.52	0.00	0.00	0.00
16,900.00	90.38	90.37	7,820.28	-66.00	8,441.26	8,441.52	0.00	0.00	0.00
17,000.00	90.38	90.37	7,819.61	-66.64	8,541.25	8,541.51	0.00	0.00	0.00
17,100.00	90.38	90.37	7,818.95	-67.28	8,641.25	8,641.51	0.00	0.00	0.00
17,200.00	90.38	90.37	7,818.29	-67.92	8,741.25	8,741.51	0.00	0.00	0.00
17,300.00	90.38	90.37	7,817.63	-68.56	8,841.24	8,841.51	0.00	0.00	0.00
17,400.00	90.38	90.37	7,816.96	-69.20	8,941.24	8,941.50	0.00	0.00	0.00
17,500.00	90.38	90.37	7,816.30	-69.84	9,041.23	9,041.50	0.00	0.00	0.00
17,600.00	90.38	90.37	7,815.64	-70.48	9,141.23	9,141.50	0.00	0.00	0.00
17,700.00	90.38	90.37	7,814.98	-71.12	9,241.22	9,241.50	0.00	0.00	0.00
17,800.00	90.38	90.37	7,814.31	-71.77	9,341.22	9,341.50	0.00	0.00	0.00
17,900.00	90.38	90.37	7,813.65	-72.41	9,441.22	9,441.49	0.00	0.00	0.00
18,000.00	90.38	90.37	7,812.99	-73.05	9,541.21	9,541.49	0.00	0.00	0.00
18,100.00	90.38	90.37	7,812.33	-73.69	9,641.21	9,641.49	0.00	0.00	0.00
18,149.00	90.38	90.37	7,812.00	-74.00	9,690.20	9,690.49	0.00	0.00	0.00
5 1/2" x 8 1/2"									
18,149.03	90.38	90.37	7,812.00	-74.00	9,690.24	9,690.52	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Florida 3-65 27-26 3DH - hit/miss target - Shape - Point	0.00	0.00	7,812.00	-74.00	9,690.24	1,156,097.991	3,246,584.122	39° 45' 30.630 N	104° 37' 22.500 W
Florida 3-65 27-26 3DH - plan hits target center - Point	0.00	0.00	7,877.00	-11.13	-120.27	1,156,067.643	3,236,773.548	39° 45' 31.270 N	104° 39' 28.120 W

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
2,129.00	2,129.00	9 5/8"	9-5/8	12-1/4	
18,149.00	7,812.00	5 1/2" x 8 1/2"	5-1/2	8-1/2	



ConocoPhillips

Adams County, Colorado

Florida 3-65 27-26 3DH Rev.A

Ground Level: 5664.00
Surface Location Latitude: 39° 45' 31.380 N
Surface Location Longitude: 104° 39' 26.580 W
North Reference: True
B16 @ 5689.00ft

North American Datum 1983
GRS 1980
US State Plane 1983
Colorado Northern Zone

Well Profile Data

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2129.00	0.00	0.00	2129.00	0.00	0.00	0.00	0.00
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00
6775.99	28.14	269.74	6701.48	-2.06	-451.49	1.50	-451.46
7152.93	28.14	269.74	7033.86	-2.88	-629.26	0.00	-629.22
8338.11	90.38	90.37	7877.00	-11.13	-120.27	10.00	-120.18
18149.03	90.38	90.37	7812.00	-74.00	9690.23	0.00	9690.52

West(-)/East(+) (2000 ft/in)

-2000 -1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000

Casing Depths

TVD	MD	Name	Size
2129.00	2129.00	9 5/8"	9-5/8
7812.00	18149.005	1/2" x 8 1/2"	5-1/2

