

# PETROLEUM DEVELOPMENT CORP DJ Basin

Well Name: **Connie 26F-212**

Surface Location: Connie 5N64W26EF Pad Sec.26-T5N-R64W

North American Datum 1983 , US State Plane 1983, Colorado Northern Zone

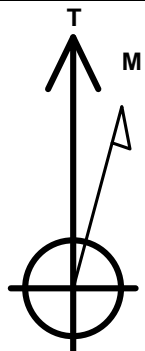
Ground Elevation: 4597.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1381389.00	3271507.56	40.376219	-104.525466	

RKB - 23' WELL @ 4620.0ft (RKB - 23')

## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 515'FNL & 254'FWL, Sec.26	1.0	0.0	0.0	Point
BHL 870'FNL & 500'FEL, Sec.25	6511.0	-376.2	9753.2	Point



Azimuths to True North  
Magnetic North: 8.14°

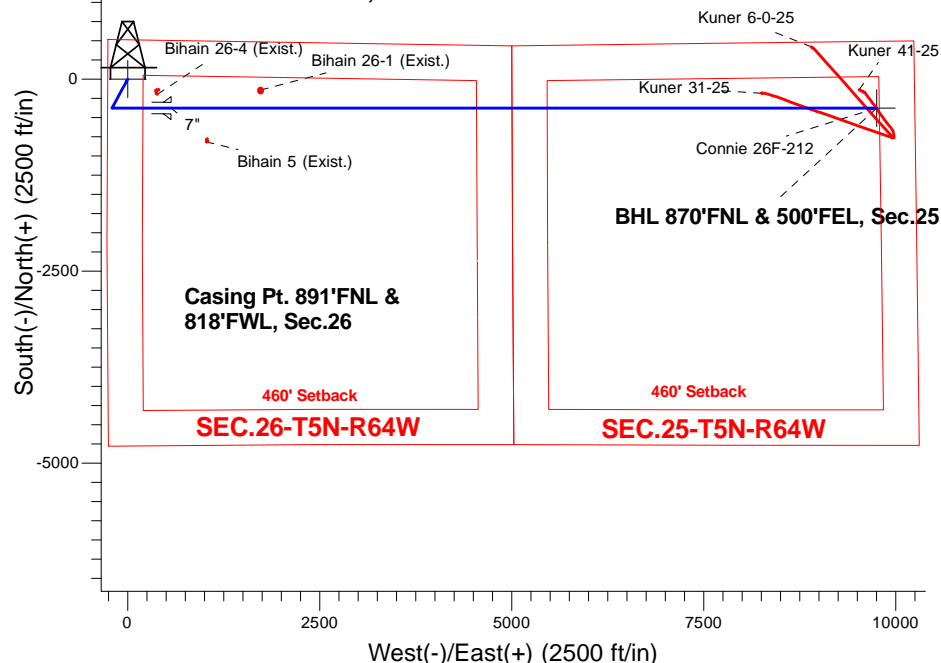
Magnetic Field  
Strength: 52683.2snT  
Dip Angle: 66.92°  
Date: 11/3/2015  
Model: IGRF2010

Connie 5N64W26EF Pad Sec.26-T5N-R64W  
Connie 26F-212  
Plan #1 Extension (3-4-16)  
11:34, March 10 2016

## ANNOTATIONS

TVD	MD	Annotation
1400.0	1400.0	KOP - Start Build 1.50
4614.0	4640.4	Start Drop -2.00
5801.6	5829.2	KOP #2 - Start Build 7.50
6565.5	7033.7	Start 9188.9 hold at 7033.7 MD
6511.0	16222.6	TD at 16222.6

## SHL 515'FNL & 254'FWL, Sec.26



Casing Pt. 891'FNL & 818'FWL, Sec.26

BHL 870'FNL & 500'FEL, Sec.25

460' Setback

460' Setback

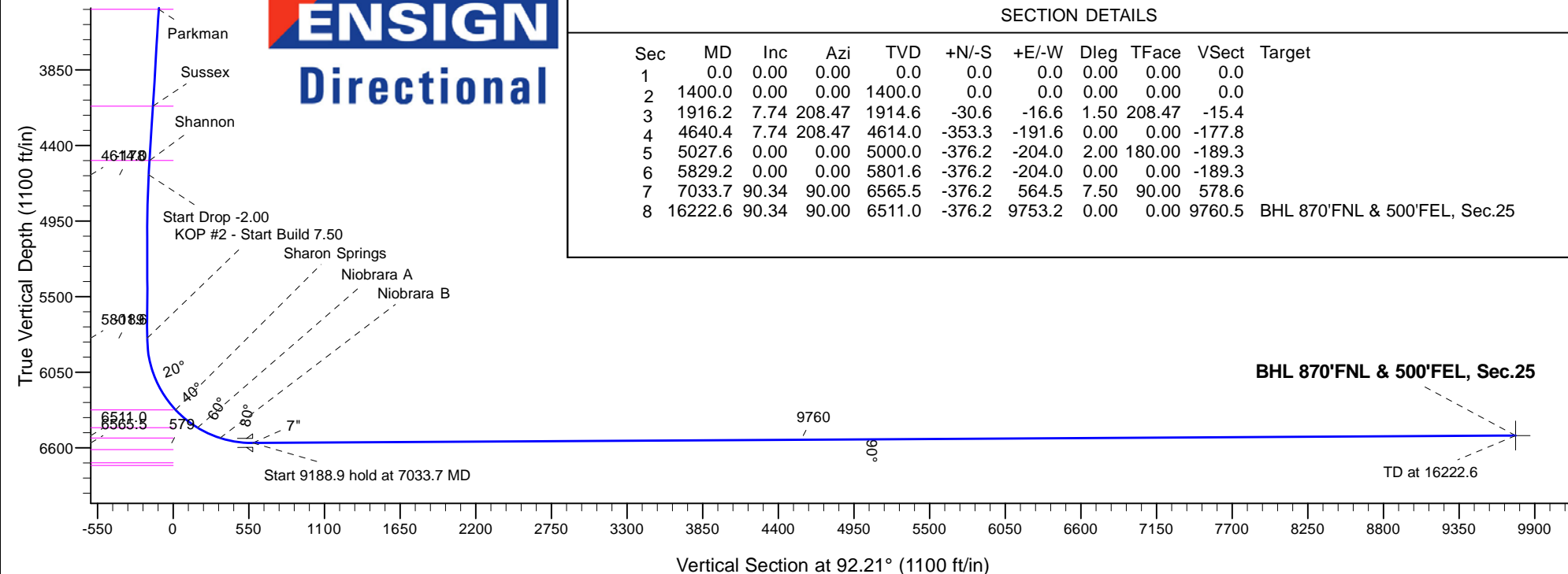
SEC.26-T5N-R64W

SEC.25-T5N-R64W

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	1916.2	7.74	208.47	1914.6	-30.6	-16.6	1.50	208.47	-15.4	
4	4640.4	7.74	208.47	4614.0	-353.3	-191.6	0.00	0.00	-177.8	
5	5027.6	0.00	0.00	5000.0	-376.2	-204.0	2.00	180.00	-189.3	
6	5829.2	0.00	0.00	5801.6	-376.2	-204.0	0.00	0.00	-189.3	
7	7033.7	90.34	90.00	6565.5	-376.2	564.5	7.50	90.00	578.6	
8	16222.6	90.34	90.00	6511.0	-376.2	9753.2	0.00	0.00	9760.5	BHL 870'FNL & 500'FEL, Sec.25

**ENSIGN**  
Directional



BHL 870'FNL & 500'FEL, Sec.25

TD at 16222.6



## **Directional**

### **PETROLEUM DEVELOPMENT CORP DJ Basin**

**SEC.26-T5N-R64W**

**Connie 5N64W26EF Pad Sec.26-T5N-R64W**

**Connie 26F-212**

**Wellbore #1**

**Plan: Plan #1 Extension (3-4-16)**

### **Standard Planning Report**

**10 March, 2016**

<b>Database:</b>	US_EDM	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Project:</b>	SEC.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>North Reference:</b>	True
<b>Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 Extension (3-4-16)		

<b>Project</b>	SEC.26-T5N-R64W, Weld County, CO		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	Colorado Northern Zone		Using geodetic scale factor

Site		Connie 5N64W26EF Pad Sec.26-T5N-R64W			
Site Position:		Northing:	1,381,364.42 usft	Latitude:	40.376152
From:	Lat/Long	Easting:	3,271,490.55 usft	Longitude:	-104.525528
Position Uncertainty:	0.0 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.63

Well	Connie 26F-212					
Well Position	+N/-S	24.4 ft	Northing:	1,381,389.00 usft	Latitude:	40.376219
	+E/-W	17.3 ft	Easting:	3,271,507.56 usft	Longitude:	-104.525466
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,597.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	11/3/2015	8.14	66.92	52,683

<b>Design</b>	Plan #1 Extension (3-4-16)			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	92.21

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,916.2	7.74	208.47	1,914.6	-30.6	-16.6	1.50	1.50	0.00	208.47	
4,640.4	7.74	208.47	4,614.0	-353.3	-191.6	0.00	0.00	0.00	0.00	
5,027.6	0.00	0.00	5,000.0	-376.2	-204.0	2.00	-2.00	0.00	180.00	
5,829.2	0.00	0.00	5,801.6	-376.2	-204.0	0.00	0.00	0.00	0.00	
7,033.7	90.34	90.00	6,565.5	-376.2	564.5	7.50	7.50	0.00	90.00	
16,222.6	90.34	90.00	6,511.0	-376.2	9,753.2	0.00	0.00	0.00	0.00	BHL 870'FNL & 500'F

Database:	US_EDM	Local Co-ordinate Reference:	Well Connie 26F-212
Company:	PETROLEUM DEVELOPMENT CORP DJ Basin	TVD Reference:	WELL @ 4620.0ft (RKB - 23')
Project:	SEC.26-T5N-R64W	MD Reference:	WELL @ 4620.0ft (RKB - 23')
Site:	Connie 5N64W26EF Pad Sec.26-T5N-R64W	North Reference:	True
Well:	Connie 26F-212	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 Extension (3-4-16)		

Planned 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
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 515'FNL & 254'FWL, Sec.26									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 1.50									
1,500.0	1.50	208.47	1,500.0	-1.2	-0.6	-0.6	1.50	1.50	0.00
1,600.0	3.00	208.47	1,599.9	-4.6	-2.5	-2.3	1.50	1.50	0.00
1,700.0	4.50	208.47	1,699.7	-10.4	-5.6	-5.2	1.50	1.50	0.00
1,800.0	6.00	208.47	1,799.3	-18.4	-10.0	-9.3	1.50	1.50	0.00
1,900.0	7.50	208.47	1,898.6	-28.7	-15.6	-14.5	1.50	1.50	0.00
1,916.2	7.74	208.47	1,914.6	-30.6	-16.6	-15.4	1.50	1.50	0.00
2,000.0	7.74	208.47	1,997.7	-40.5	-22.0	-20.4	0.00	0.00	0.00
2,100.0	7.74	208.47	2,096.8	-52.4	-28.4	-26.4	0.00	0.00	0.00
2,200.0	7.74	208.47	2,195.8	-64.2	-34.8	-32.3	0.00	0.00	0.00
2,300.0	7.74	208.47	2,294.9	-76.1	-41.2	-38.3	0.00	0.00	0.00
2,400.0	7.74	208.47	2,394.0	-87.9	-47.7	-44.2	0.00	0.00	0.00
2,500.0	7.74	208.47	2,493.1	-99.8	-54.1	-50.2	0.00	0.00	0.00
2,600.0	7.74	208.47	2,592.2	-111.6	-60.5	-56.2	0.00	0.00	0.00
2,700.0	7.74	208.47	2,691.3	-123.4	-66.9	-62.1	0.00	0.00	0.00
2,800.0	7.74	208.47	2,790.4	-135.3	-73.4	-68.1	0.00	0.00	0.00
2,900.0	7.74	208.47	2,889.5	-147.1	-79.8	-74.0	0.00	0.00	0.00
3,000.0	7.74	208.47	2,988.5	-159.0	-86.2	-80.0	0.00	0.00	0.00
3,100.0	7.74	208.47	3,087.6	-170.8	-92.6	-86.0	0.00	0.00	0.00
3,200.0	7.74	208.47	3,186.7	-182.7	-99.0	-91.9	0.00	0.00	0.00
3,300.0	7.74	208.47	3,285.8	-194.5	-105.5	-97.9	0.00	0.00	0.00
3,400.0	7.74	208.47	3,384.9	-206.3	-111.9	-103.9	0.00	0.00	0.00
3,424.3	7.74	208.47	3,409.0	-209.2	-113.5	-105.3	0.00	0.00	0.00
Parkman									
3,500.0	7.74	208.47	3,484.0	-218.2	-118.3	-109.8	0.00	0.00	0.00
3,600.0	7.74	208.47	3,583.1	-230.0	-124.7	-115.8	0.00	0.00	0.00
3,700.0	7.74	208.47	3,682.2	-241.9	-131.2	-121.7	0.00	0.00	0.00
3,800.0	7.74	208.47	3,781.3	-253.7	-137.6	-127.7	0.00	0.00	0.00
3,900.0	7.74	208.47	3,880.3	-265.6	-144.0	-133.7	0.00	0.00	0.00
4,000.0	7.74	208.47	3,979.4	-277.4	-150.4	-139.6	0.00	0.00	0.00
4,100.0	7.74	208.47	4,078.5	-289.3	-156.8	-145.6	0.00	0.00	0.00
4,135.8	7.74	208.47	4,114.0	-293.5	-159.1	-147.7	0.00	0.00	0.00
Sussex									
4,200.0	7.74	208.47	4,177.6	-301.1	-163.3	-151.5	0.00	0.00	0.00
4,300.0	7.74	208.47	4,276.7	-312.9	-169.7	-157.5	0.00	0.00	0.00
4,400.0	7.74	208.47	4,375.8	-324.8	-176.1	-163.5	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well Connie 26F-212
Company:	PETROLEUM DEVELOPMENT CORP DJ Basin	TVD Reference:	WELL @ 4620.0ft (RKB - 23')
Project:	SEC.26-T5N-R64W	MD Reference:	WELL @ 4620.0ft (RKB - 23')
Site:	Connie 5N64W26EF Pad Sec.26-T5N-R64W	North Reference:	True
Well:	Connie 26F-212	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 Extension (3-4-16)		

Planned 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)
4,500.0	7.74	208.47	4,474.9	-336.6	-182.5	-169.4	0.00	0.00	0.00
4,534.4	7.74	208.47	4,509.0	-340.7	-184.7	-171.5	0.00	0.00	0.00
<b>Shannon</b>									
4,600.0	7.74	208.47	4,574.0	-348.5	-189.0	-175.4	0.00	0.00	0.00
4,640.4	7.74	208.47	4,614.0	-353.3	-191.5	-177.8	0.00	0.00	0.00
<b>Start Drop -2.00</b>									
4,700.0	6.55	208.47	4,673.1	-359.8	-195.1	-181.1	2.00	-2.00	0.00
4,800.0	4.55	208.47	4,772.7	-368.3	-199.7	-185.3	2.00	-2.00	0.00
4,900.0	2.55	208.47	4,872.5	-373.7	-202.6	-188.1	2.00	-2.00	0.00
5,000.0	0.55	208.47	4,972.4	-376.1	-203.9	-189.3	2.00	-2.00	0.00
5,027.6	0.00	0.00	5,000.0	-376.2	-204.0	-189.3	2.00	-2.00	0.00
5,100.0	0.00	0.00	5,072.4	-376.2	-204.0	-189.3	0.00	0.00	0.00
5,200.0	0.00	0.00	5,172.4	-376.2	-204.0	-189.3	0.00	0.00	0.00
5,300.0	0.00	0.00	5,272.4	-376.2	-204.0	-189.3	0.00	0.00	0.00
5,400.0	0.00	0.00	5,372.4	-376.2	-204.0	-189.3	0.00	0.00	0.00
5,500.0	0.00	0.00	5,472.4	-376.2	-204.0	-189.3	0.00	0.00	0.00
5,600.0	0.00	0.00	5,572.4	-376.2	-204.0	-189.3	0.00	0.00	0.00
5,700.0	0.00	0.00	5,672.4	-376.2	-204.0	-189.3	0.00	0.00	0.00
5,800.0	0.00	0.00	5,772.4	-376.2	-204.0	-189.3	0.00	0.00	0.00
5,829.2	0.00	0.00	5,801.6	-376.2	-204.0	-189.3	0.00	0.00	0.00
<b>KOP #2 - Start Build 7.50</b>									
5,900.0	5.31	90.00	5,872.3	-376.2	-200.7	-186.1	7.50	7.50	0.00
6,000.0	12.81	90.00	5,971.0	-376.2	-185.0	-170.3	7.50	7.50	0.00
6,100.0	20.31	90.00	6,066.8	-376.2	-156.5	-141.9	7.50	7.50	0.00
6,200.0	27.81	90.00	6,158.0	-376.2	-115.8	-101.2	7.50	7.50	0.00
6,300.0	35.31	90.00	6,243.2	-376.2	-63.5	-48.9	7.50	7.50	0.00
6,400.0	42.81	90.00	6,320.8	-376.2	-0.5	14.0	7.50	7.50	0.00
6,404.4	43.14	90.00	6,324.0	-376.2	2.5	17.0	7.50	7.50	0.00
<b>Sharon Springs</b>									
6,500.0	50.31	90.00	6,389.5	-376.2	72.1	86.5	7.50	7.50	0.00
6,600.0	57.81	90.00	6,448.1	-376.2	153.0	167.4	7.50	7.50	0.00
6,611.2	58.65	90.00	6,454.0	-376.2	162.5	176.9	7.50	7.50	0.00
<b>Niobrara A</b>									
6,700.0	65.31	90.00	6,495.7	-376.2	240.9	255.2	7.50	7.50	0.00
6,791.9	72.21	90.00	6,529.0	-376.2	326.5	340.8	7.50	7.50	0.00
<b>Niobrara B</b>									
6,800.0	72.81	90.00	6,531.4	-376.2	334.2	348.4	7.50	7.50	0.00
6,900.0	80.31	90.00	6,554.6	-376.2	431.4	445.6	7.50	7.50	0.00
7,000.0	87.81	90.00	6,565.0	-376.2	530.8	544.9	7.50	7.50	0.00
7,033.7	90.34	90.00	6,565.5	-376.2	564.5	578.5	7.50	7.50	0.00
<b>Start 9188.9 hold at 7033.7 MD - 7"</b>									
7,100.0	90.34	90.00	6,565.1	-376.2	630.8	644.8	0.00	0.00	0.00
7,200.0	90.34	90.00	6,564.5	-376.2	730.8	744.7	0.00	0.00	0.00
7,300.0	90.34	90.00	6,563.9	-376.2	830.8	844.6	0.00	0.00	0.00
7,400.0	90.34	90.00	6,563.4	-376.2	930.8	944.6	0.00	0.00	0.00
7,500.0	90.34	90.00	6,562.8	-376.2	1,030.8	1,044.5	0.00	0.00	0.00
7,600.0	90.34	90.00	6,562.2	-376.2	1,130.8	1,144.4	0.00	0.00	0.00
7,700.0	90.34	90.00	6,561.6	-376.2	1,230.8	1,244.3	0.00	0.00	0.00
7,800.0	90.34	90.00	6,561.0	-376.2	1,330.7	1,344.3	0.00	0.00	0.00
7,900.0	90.34	90.00	6,560.4	-376.2	1,430.7	1,444.2	0.00	0.00	0.00
8,000.0	90.34	90.00	6,559.8	-376.2	1,530.7	1,544.1	0.00	0.00	0.00
8,100.0	90.34	90.00	6,559.2	-376.2	1,630.7	1,644.0	0.00	0.00	0.00

<b>Database:</b>	US_EDM	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Project:</b>	SEC.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>North Reference:</b>	True
<b>Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 Extension (3-4-16)		

Planned 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)
8,200.0	90.34	90.00	6,558.6	-376.2	1,730.7	1,744.0	0.00	0.00	0.00
8,300.0	90.34	90.00	6,558.0	-376.2	1,830.7	1,843.9	0.00	0.00	0.00
8,400.0	90.34	90.00	6,557.4	-376.2	1,930.7	1,943.8	0.00	0.00	0.00
8,500.0	90.34	90.00	6,556.8	-376.2	2,030.7	2,043.7	0.00	0.00	0.00
8,600.0	90.34	90.00	6,556.2	-376.2	2,130.7	2,143.7	0.00	0.00	0.00
8,700.0	90.34	90.00	6,555.6	-376.2	2,230.7	2,243.6	0.00	0.00	0.00
8,800.0	90.34	90.00	6,555.0	-376.2	2,330.7	2,343.5	0.00	0.00	0.00
8,900.0	90.34	90.00	6,554.5	-376.2	2,430.7	2,443.4	0.00	0.00	0.00
9,000.0	90.34	90.00	6,553.9	-376.2	2,530.7	2,543.3	0.00	0.00	0.00
9,100.0	90.34	90.00	6,553.3	-376.2	2,630.7	2,643.3	0.00	0.00	0.00
9,200.0	90.34	90.00	6,552.7	-376.2	2,730.7	2,743.2	0.00	0.00	0.00
9,300.0	90.34	90.00	6,552.1	-376.2	2,830.7	2,843.1	0.00	0.00	0.00
9,400.0	90.34	90.00	6,551.5	-376.2	2,930.7	2,943.0	0.00	0.00	0.00
9,500.0	90.34	90.00	6,550.9	-376.2	3,030.7	3,043.0	0.00	0.00	0.00
9,600.0	90.34	90.00	6,550.3	-376.2	3,130.7	3,142.9	0.00	0.00	0.00
9,700.0	90.34	90.00	6,549.7	-376.2	3,230.7	3,242.8	0.00	0.00	0.00
9,800.0	90.34	90.00	6,549.1	-376.2	3,330.7	3,342.7	0.00	0.00	0.00
9,900.0	90.34	90.00	6,548.5	-376.2	3,430.7	3,442.7	0.00	0.00	0.00
10,000.0	90.34	90.00	6,547.9	-376.2	3,530.7	3,542.6	0.00	0.00	0.00
10,100.0	90.34	90.00	6,547.3	-376.2	3,630.7	3,642.5	0.00	0.00	0.00
10,200.0	90.34	90.00	6,546.7	-376.2	3,730.7	3,742.4	0.00	0.00	0.00
10,300.0	90.34	90.00	6,546.1	-376.2	3,830.7	3,842.4	0.00	0.00	0.00
10,400.0	90.34	90.00	6,545.6	-376.2	3,930.7	3,942.3	0.00	0.00	0.00
10,500.0	90.34	90.00	6,545.0	-376.2	4,030.7	4,042.2	0.00	0.00	0.00
10,600.0	90.34	90.00	6,544.4	-376.2	4,130.7	4,142.1	0.00	0.00	0.00
10,700.0	90.34	90.00	6,543.8	-376.2	4,230.7	4,242.1	0.00	0.00	0.00
10,800.0	90.34	90.00	6,543.2	-376.2	4,330.7	4,342.0	0.00	0.00	0.00
10,900.0	90.34	90.00	6,542.6	-376.2	4,430.7	4,441.9	0.00	0.00	0.00
11,000.0	90.34	90.00	6,542.0	-376.2	4,530.7	4,541.8	0.00	0.00	0.00
11,100.0	90.34	90.00	6,541.4	-376.2	4,630.7	4,641.8	0.00	0.00	0.00
11,200.0	90.34	90.00	6,540.8	-376.2	4,730.7	4,741.7	0.00	0.00	0.00
11,300.0	90.34	90.00	6,540.2	-376.2	4,830.7	4,841.6	0.00	0.00	0.00
11,400.0	90.34	90.00	6,539.6	-376.2	4,930.7	4,941.5	0.00	0.00	0.00
11,500.0	90.34	90.00	6,539.0	-376.2	5,030.7	5,041.4	0.00	0.00	0.00
11,600.0	90.34	90.00	6,538.4	-376.2	5,130.7	5,141.4	0.00	0.00	0.00
11,700.0	90.34	90.00	6,537.8	-376.2	5,230.7	5,241.3	0.00	0.00	0.00
11,800.0	90.34	90.00	6,537.2	-376.2	5,330.7	5,341.2	0.00	0.00	0.00
11,900.0	90.34	90.00	6,536.7	-376.2	5,430.7	5,441.1	0.00	0.00	0.00
12,000.0	90.34	90.00	6,536.1	-376.2	5,530.7	5,541.1	0.00	0.00	0.00
12,100.0	90.34	90.00	6,535.5	-376.2	5,630.7	5,641.0	0.00	0.00	0.00
12,200.0	90.34	90.00	6,534.9	-376.2	5,730.7	5,740.9	0.00	0.00	0.00
12,300.0	90.34	90.00	6,534.3	-376.2	5,830.7	5,840.8	0.00	0.00	0.00
12,400.0	90.34	90.00	6,533.7	-376.2	5,930.7	5,940.8	0.00	0.00	0.00
12,500.0	90.34	90.00	6,533.1	-376.2	6,030.7	6,040.7	0.00	0.00	0.00
12,600.0	90.34	90.00	6,532.5	-376.2	6,130.7	6,140.6	0.00	0.00	0.00
12,700.0	90.34	90.00	6,531.9	-376.2	6,230.7	6,240.5	0.00	0.00	0.00
12,800.0	90.34	90.00	6,531.3	-376.2	6,330.7	6,340.5	0.00	0.00	0.00
12,900.0	90.34	90.00	6,530.7	-376.2	6,430.7	6,440.4	0.00	0.00	0.00
13,000.0	90.34	90.00	6,530.1	-376.2	6,530.7	6,540.3	0.00	0.00	0.00
13,100.0	90.34	90.00	6,529.5	-376.2	6,630.7	6,640.2	0.00	0.00	0.00
13,200.0	90.34	90.00	6,528.9	-376.2	6,730.7	6,740.2	0.00	0.00	0.00
13,300.0	90.34	90.00	6,528.3	-376.2	6,830.7	6,840.1	0.00	0.00	0.00
13,400.0	90.34	90.00	6,527.7	-376.2	6,930.7	6,940.0	0.00	0.00	0.00

<b>Database:</b>	US_EDM	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Project:</b>	SEC.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>North Reference:</b>	True
<b>Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 Extension (3-4-16)		

Planned 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)
13,500.0	90.34	90.00	6,527.2	-376.2	7,030.6	7,039.9	0.00	0.00	0.00
13,600.0	90.34	90.00	6,526.6	-376.2	7,130.6	7,139.8	0.00	0.00	0.00
13,620.0	90.34	90.00	6,526.4	-376.2	7,150.6	7,159.8	0.00	0.00	0.00
BHL 865'FNL & 2140'FWL, Sec.25									
13,700.0	90.34	90.00	6,526.0	-376.2	7,230.6	7,239.8	0.00	0.00	0.00
13,800.0	90.34	90.00	6,525.4	-376.2	7,330.6	7,339.7	0.00	0.00	0.00
13,900.0	90.34	90.00	6,524.8	-376.2	7,430.6	7,439.6	0.00	0.00	0.00
14,000.0	90.34	90.00	6,524.2	-376.2	7,530.6	7,539.5	0.00	0.00	0.00
14,100.0	90.34	90.00	6,523.6	-376.2	7,630.6	7,639.5	0.00	0.00	0.00
14,200.0	90.34	90.00	6,523.0	-376.2	7,730.6	7,739.4	0.00	0.00	0.00
14,300.0	90.34	90.00	6,522.4	-376.2	7,830.6	7,839.3	0.00	0.00	0.00
14,400.0	90.34	90.00	6,521.8	-376.2	7,930.6	7,939.2	0.00	0.00	0.00
14,500.0	90.34	90.00	6,521.2	-376.2	8,030.6	8,039.2	0.00	0.00	0.00
14,600.0	90.34	90.00	6,520.6	-376.2	8,130.6	8,139.1	0.00	0.00	0.00
14,700.0	90.34	90.00	6,520.0	-376.2	8,230.6	8,239.0	0.00	0.00	0.00
14,800.0	90.34	90.00	6,519.4	-376.2	8,330.6	8,338.9	0.00	0.00	0.00
14,900.0	90.34	90.00	6,518.8	-376.2	8,430.6	8,438.9	0.00	0.00	0.00
15,000.0	90.34	90.00	6,518.3	-376.2	8,530.6	8,538.8	0.00	0.00	0.00
15,100.0	90.34	90.00	6,517.7	-376.2	8,630.6	8,638.7	0.00	0.00	0.00
15,200.0	90.34	90.00	6,517.1	-376.2	8,730.6	8,738.6	0.00	0.00	0.00
15,300.0	90.34	90.00	6,516.5	-376.2	8,830.6	8,838.6	0.00	0.00	0.00
15,400.0	90.34	90.00	6,515.9	-376.2	8,930.6	8,938.5	0.00	0.00	0.00
15,500.0	90.34	90.00	6,515.3	-376.2	9,030.6	9,038.4	0.00	0.00	0.00
15,600.0	90.34	90.00	6,514.7	-376.2	9,130.6	9,138.3	0.00	0.00	0.00
15,700.0	90.34	90.00	6,514.1	-376.2	9,230.6	9,238.3	0.00	0.00	0.00
15,800.0	90.34	90.00	6,513.5	-376.2	9,330.6	9,338.2	0.00	0.00	0.00
15,900.0	90.34	90.00	6,512.9	-376.2	9,430.6	9,438.1	0.00	0.00	0.00
16,000.0	90.34	90.00	6,512.3	-376.2	9,530.6	9,538.0	0.00	0.00	0.00
16,100.0	90.34	90.00	6,511.7	-376.2	9,630.6	9,637.9	0.00	0.00	0.00
16,200.0	90.34	90.00	6,511.1	-376.2	9,730.6	9,737.9	0.00	0.00	0.00
16,222.6	90.34	90.00	6,511.0	-376.2	9,753.2	9,760.5	0.00	0.00	0.00
TD at 16222.6 - BHL 870'FNL & 500'FEL, Sec.25									

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL 515'FNL & 254'FWL - plan hits target center - Point	0.00	0.63	1.0	0.0	0.0	1,381,389.02	3,271,507.56	40.376219	-104.525466
BHL 870'FNL & 500'FEL - plan hits target center - Point	0.00	0.00	6,511.0	-376.2	9,753.2	1,381,120.01	3,281,263.93	40.375181	-104.490461

<b>Database:</b>	US_EDM	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Project:</b>	SEC.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>North Reference:</b>	True
<b>Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 Extension (3-4-16)		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,033.7	6,565.5	7"	7	8-3/4	

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,424.3	3,409.0	Parkman		0.00	
4,135.8	4,114.0	Sussex		0.00	
4,534.4	4,509.0	Shannon		0.00	
6,404.4	6,324.0	Sharon Springs		0.00	
6,611.2	6,454.0	Niobrara A		0.00	
6,791.9	6,529.0	Niobrara B		0.00	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
1,400.0	1,400.0	0.0	0.0	KOP - Start Build 1.50	
4,640.4	4,614.0	-353.3	-191.5	Start Drop -2.00	
5,829.2	5,801.6	-376.2	-204.0	KOP #2 - Start Build 7.50	
7,033.7	6,565.5	-376.2	564.5	Start 9188.9 hold at 7033.7 MD	
16,222.6	6,511.0	-376.2	9,753.2	TD at 16222.6	



# Directional

## **PETROLEUM DEVELOPMENT CORP DJ Basin**

**SEC.26-T5N-R64W**

**Connie 5N64W26EF Pad Sec.26-T5N-R64W**

**Connie 26F-212**

**Wellbore #1**

**Plan #1 Extension (3-4-16)**

## **Anticollision Report**

**10 March, 2016**



<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Plan #1 Extension (3-4-16)		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	Stations	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 1,000.0 ft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b> 3/10/2016			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.0	16,222.6	Plan #1 Extension (3-4-16) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Connie 5N64W26EF Pad Sec.26-T5N-R64W						
Connie 26E-332 - Wellbore #1 - Plan #1 Extension (3-4-1	1,400.0	1,400.0	15.1	9.0	2.488	CC
Connie 26E-332 - Wellbore #1 - Plan #1 Extension (3-4-1	16,222.6	16,277.5	375.0	-169.1	0.689	Level 1, ES, SF
Connie 26E-402 - Wellbore #1 - Plan #1 Extension (3-4-	1,400.0	1,400.0	30.2	24.1	4.976	CC, ES
Connie 26E-402 - Wellbore #1 - Plan #1 Extension (3-4-	16,222.6	16,362.7	704.0	168.9	1.316	Level 3, SF
Connie 26F-302 - Wellbore #1 - Plan #1 Extension (3-4-1	966.3	957.3	14.8	10.6	3.506	CC
Connie 26F-302 - Wellbore #1 - Plan #1 Extension (3-4-1	16,222.6	16,325.5	298.1	-238.4	0.556	Level 1, ES, SF
Connie 26F-402 - Wellbore #1 - Plan #1 Extension (3-4-1	766.3	767.3	29.9	26.7	9.280	CC
Connie 26F-402 - Wellbore #1 - Plan #1 Extension (3-4-1	800.0	801.0	29.9	26.5	8.864	ES
Connie 26F-402 - Wellbore #1 - Plan #1 Extension (3-4-1	16,222.6	16,456.4	626.2	97.2	1.184	Level 2, SF
Existing Wells Pad Sec.26-T5N-R64W						
Bihain 26-1 (Exist.) - Wellbore #1 - Wellbore #1	8,199.8	6,531.6	235.3	53.0	1.291	Level 3, CC
Bihain 26-1 (Exist.) - Wellbore #1 - Wellbore #1	8,200.0	6,531.6	235.3	53.0	1.291	Level 3, ES, SF
Bihain 26-4 (Exist.) - Wellbore #1 - Wellbore #1	6,849.9	6,525.4	181.3	149.6	5.707	CC
Bihain 26-4 (Exist.) - Wellbore #1 - Wellbore #1	6,850.0	6,525.4	181.3	149.6	5.707	ES, SF
Bihain 5 (Exist.) - Wellbore #1 - Wellbore #1	7,493.4	6,542.8	442.4	397.1	9.762	CC
Bihain 5 (Exist.) - Wellbore #1 - Wellbore #1	7,500.0	6,542.7	442.4	396.9	9.728	ES
Bihain 5 (Exist.) - Wellbore #1 - Wellbore #1	7,600.0	6,541.8	455.0	407.0	9.474	SF
Kuner 8-2-25 Pad Sec.25-T5N-R64W						
Kuner 31-25 - Wellbore #1 - Wellbore #1	14,730.7	6,834.8	194.4	-75.0	0.722	Level 1, CC, ES, SF
Kuner 41-25 - Wellbore #1 - Wellbore #1	16,023.2	6,552.5	223.2	-62.6	0.781	Level 1, CC, ES, SF
Kuner 6-0-25 - Wellbore #1 - Wellbore #1	15,385.9	6,767.1	784.2	507.2	2.831	CC
Kuner 6-0-25 - Wellbore #1 - Wellbore #1	15,400.0	6,766.6	784.4	507.0	2.828	ES, SF

Offset Design													Connie 5N64W26EF Pad Sec.26-T5N-R64W - Connie 26E-332 - Wellbore #1 - Plan #1 Extension (3-4-		Offset Site Error:		0.0 ft	
Survey Program:		0-MWD											Offset Well Error:		0.0 ft			
Reference		Offset		Semi Major Axis			Distance											
Measured	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Minimum	Separation	Warning					
Depth	Depth	Depth	Depth			Toolface	+N/-S	+E/-W	Centres	Ellipses	Separation	Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)							
0.0	0.0	0.0	0.0	0.0	0.0	34.89	12.4	8.6	15.1	15.1	0.00	N/A						
100.0	100.0	100.0	100.0	0.1	0.1	34.89	12.4	8.6	15.1	14.9	0.22	67.184						
200.0	200.0	200.0	200.0	0.3	0.3	34.89	12.4	8.6	15.1	14.4	0.67	22.395						
300.0	300.0	300.0	300.0	0.6	0.6	34.89	12.4	8.6	15.1	14.0	1.12	13.437						

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Connie 5N64W26EF Pad Sec.26-T5N-R64W - Connie 26E-332 - Wellbore #1 - Plan #1 Extension (3-4-											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)		(ft)	(ft)	(ft)			
400.0	400.0	400.0	400.0	0.8	0.8	34.89	12.4	8.6	15.1	13.5	1.57	9.598			
500.0	500.0	500.0	500.0	1.0	1.0	34.89	12.4	8.6	15.1	13.1	2.02	7.465			
600.0	600.0	600.0	600.0	1.2	1.2	34.89	12.4	8.6	15.1	12.6	2.47	6.108			
700.0	700.0	700.0	700.0	1.5	1.5	34.89	12.4	8.6	15.1	12.2	2.92	5.168			
800.0	800.0	800.0	800.0	1.7	1.7	34.89	12.4	8.6	15.1	11.7	3.37	4.479			
900.0	900.0	900.0	900.0	1.9	1.9	34.89	12.4	8.6	15.1	11.3	3.82	3.952			
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	34.89	12.4	8.6	15.1	10.8	4.27	3.536			
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	34.89	12.4	8.6	15.1	10.4	4.72	3.199			
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	34.89	12.4	8.6	15.1	9.9	5.17	2.921			
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	34.89	12.4	8.6	15.1	9.5	5.62	2.687			
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	34.89	12.4	8.6	15.1	9.0	6.07	2.488 CC			
1,500.0	1,500.0	1,500.0	1,500.0	3.2	3.3	-174.09	12.4	8.6	16.4	9.9	6.49	2.527			
1,600.0	1,599.9	1,599.9	1,599.9	3.4	3.5	-175.22	12.4	8.6	20.3	13.4	6.89	2.949			
1,700.0	1,699.7	1,699.7	1,699.7	3.6	3.7	-176.38	12.4	8.6	26.8	19.5	7.29	3.683			
1,800.0	1,799.3	1,799.3	1,799.3	3.8	3.9	-177.29	12.4	8.6	36.0	28.3	7.68	4.681			
1,900.0	1,898.6	1,898.6	1,898.6	4.0	4.2	-177.95	12.4	8.6	47.7	39.6	8.08	5.903			
1,916.2	1,914.6	1,914.6	1,914.6	4.0	4.2	-178.04	12.4	8.6	49.9	41.7	8.15	6.120			
2,000.0	1,997.7	1,997.7	1,997.7	4.2	4.4	-178.40	12.4	8.6	61.1	52.6	8.50	7.196			
2,100.0	2,096.8	2,096.8	2,096.8	4.5	4.6	-178.69	12.4	8.6	74.6	65.7	8.92	8.365			
2,200.0	2,195.8	2,195.8	2,195.8	4.7	4.8	-178.89	12.4	8.6	88.1	78.7	9.35	9.425			
2,300.0	2,294.9	2,294.9	2,294.9	5.0	5.0	-179.04	12.4	8.6	101.6	91.8	9.78	10.388			
2,400.0	2,394.0	2,394.0	2,394.0	5.3	5.3	-179.15	12.4	8.6	115.0	104.8	10.21	11.266			
2,500.0	2,493.1	2,493.1	2,493.1	5.6	5.5	-179.24	12.4	8.6	128.5	117.8	10.65	12.070			
2,600.0	2,592.2	2,592.2	2,592.2	5.9	5.7	-179.31	12.4	8.6	142.0	130.9	11.08	12.807			
2,700.0	2,691.3	2,691.3	2,691.3	6.2	5.9	-179.37	12.4	8.6	155.4	143.9	11.53	13.486			
2,800.0	2,790.4	2,790.4	2,790.4	6.5	6.2	-179.42	12.4	8.6	168.9	156.9	11.97	14.113			
2,900.0	2,889.5	2,891.1	2,891.1	6.8	6.4	-179.66	12.3	7.9	182.0	169.6	12.40	14.674			
3,000.0	2,988.5	2,992.1	2,992.1	7.1	6.6	179.70	12.1	5.4	194.1	181.3	12.82	15.135			
3,100.0	3,087.6	3,093.4	3,093.2	7.4	6.8	178.72	11.7	1.2	205.3	192.1	13.25	15.493			
3,200.0	3,186.7	3,194.7	3,194.4	7.7	7.0	177.42	11.2	-4.9	215.7	202.0	13.69	15.757			
3,300.0	3,285.8	3,296.0	3,295.4	8.1	7.2	175.85	10.5	-12.7	225.2	211.1	14.13	15.941			
3,400.0	3,384.9	3,397.3	3,396.2	8.4	7.4	174.03	9.7	-22.3	234.1	219.5	14.58	16.055			
3,500.0	3,484.0	3,498.5	3,496.7	8.7	7.6	171.96	8.7	-33.7	242.5	227.4	15.05	16.109			
3,600.0	3,583.1	3,598.4	3,595.8	9.0	7.9	169.76	7.6	-46.4	250.5	235.0	15.54	16.127			
3,700.0	3,682.2	3,697.6	3,694.2	9.3	8.1	167.69	6.5	-59.0	258.9	242.9	16.03	16.150			
3,800.0	3,781.3	3,796.8	3,792.6	9.7	8.4	165.76	5.4	-71.7	267.6	251.1	16.54	16.179			
3,900.0	3,880.3	3,896.0	3,891.0	10.0	8.6	163.94	4.3	-84.3	276.6	259.5	17.06	16.212			
4,000.0	3,979.4	3,995.3	3,989.5	10.3	8.9	162.24	3.2	-97.0	285.8	268.2	17.59	16.248			
4,100.0	4,078.5	4,094.5	4,087.9	10.7	9.1	160.64	2.1	-109.7	295.3	277.1	18.13	16.286			
4,200.0	4,177.6	4,193.7	4,186.3	11.0	9.4	159.15	1.0	-122.3	305.0	286.3	18.68	16.326			
4,300.0	4,276.7	4,292.9	4,284.7	11.3	9.7	157.75	-0.1	-135.0	314.8	295.6	19.24	16.367			
4,400.0	4,375.8	4,392.2	4,383.1	11.7	10.0	156.43	-1.2	-147.7	324.9	305.1	19.80	16.408			
4,500.0	4,474.9	4,491.4	4,481.5	12.0	10.2	155.19	-2.3	-160.3	335.1	314.7	20.37	16.450			
4,600.0	4,574.0	4,590.6	4,579.9	12.3	10.5	154.03	-3.4	-173.0	345.5	324.5	20.95	16.492			
4,640.4	4,614.0	4,630.7	4,619.7	12.5	10.6	153.58	-3.9	-178.1	349.7	328.5	21.18	16.509			
4,700.0	4,673.1	4,689.2	4,677.7	12.6	10.8	153.00	-4.5	-185.2	355.4	333.9	21.52	16.514			
4,800.0	4,772.7	4,787.5	4,775.5	12.9	11.0	152.28	-5.3	-194.6	363.0	341.0	22.01	16.493			
4,900.0	4,872.5	4,886.1	4,874.0	13.1	11.2	151.83	-5.8	-200.6	367.9	345.5	22.44	16.394			
5,000.0	4,972.4	4,984.9	4,972.7	13.2	11.4	151.64	-6.1	-203.2	370.0	347.2	22.82	16.217			
5,027.6	5,000.0	5,012.2	5,000.0	13.3	11.5	0.10	-6.1	-203.4	370.1	346.6	23.54	15.724			
5,051.7	5,024.1	5,036.3	5,024.1	13.3	11.5	0.10	-6.1	-203.4	370.1	346.5	23.63	15.664			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	5,072.4	5,084.6	5,072.4	13.4	11.6	0.10	-6.1	-203.4	370.1	346.3	23.81	15.546		
5,200.0	5,172.4	5,184.6	5,172.4	13.6	11.8	0.10	-6.1	-203.4	370.1	346.0	24.19	15.303		
5,300.0	5,272.4	5,284.6	5,272.4	13.7	12.0	0.10	-6.1	-203.4	370.1	345.6	24.57	15.066		
5,400.0	5,372.4	5,384.6	5,372.4	13.9	12.2	0.10	-6.1	-203.4	370.1	345.2	24.95	14.834		
5,500.0	5,472.4	5,484.6	5,472.4	14.0	12.4	0.10	-6.1	-203.4	370.1	344.8	25.34	14.608		
5,600.0	5,572.4	5,584.6	5,572.4	14.2	12.6	0.10	-6.1	-203.4	370.1	344.4	25.73	14.388		
5,700.0	5,672.4	5,684.6	5,672.4	14.4	12.8	0.10	-6.1	-203.4	370.1	344.0	26.12	14.173		
5,800.0	5,772.4	5,784.6	5,772.4	14.5	13.1	0.10	-6.1	-203.4	370.1	343.6	26.51	13.964		
5,829.2	5,801.6	5,813.8	5,801.6	14.6	13.1	0.10	-6.1	-203.4	370.1	343.5	26.62	13.904		
5,850.0	5,822.4	5,834.6	5,822.4	14.6	13.2	-89.95	-6.1	-203.4	370.1	344.0	26.17	14.142		
5,860.4	5,832.8	5,845.0	5,832.8	14.6	13.2	-90.00	-6.1	-203.4	370.1	343.9	26.21	14.121		
5,900.0	5,872.3	5,884.5	5,872.3	14.7	13.3	-90.41	-6.1	-203.4	370.2	343.8	26.37	14.035		
5,950.0	5,921.9	5,934.6	5,922.4	14.7	13.4	-91.17	-6.1	-202.0	370.2	343.7	26.55	13.942		
6,000.0	5,971.0	5,985.0	5,972.6	14.8	13.4	-91.93	-6.1	-197.4	370.4	343.6	26.71	13.866		
6,050.0	6,019.4	6,035.7	6,022.7	14.8	13.5	-92.69	-6.1	-189.5	370.6	343.7	26.84	13.805		
6,100.0	6,066.8	6,086.8	6,072.5	14.9	13.6	-93.44	-6.1	-178.1	370.8	343.9	26.96	13.756		
6,150.0	6,113.1	6,138.3	6,121.7	14.9	13.6	-94.17	-6.1	-163.3	371.1	344.1	27.06	13.715		
6,200.0	6,158.0	6,190.0	6,170.2	14.9	13.7	-94.89	-6.1	-145.1	371.5	344.3	27.17	13.676		
6,250.0	6,201.5	6,242.2	6,217.6	14.9	13.7	-95.58	-6.1	-123.5	371.9	344.6	27.28	13.633		
6,300.0	6,243.2	6,294.6	6,263.8	15.0	13.8	-96.25	-6.1	-98.6	372.4	344.9	27.43	13.577		
6,350.0	6,283.0	6,347.4	6,308.3	15.0	13.9	-96.90	-6.1	-70.3	372.9	345.2	27.62	13.499		
6,400.0	6,320.8	6,400.5	6,351.1	15.0	14.0	-97.51	-6.1	-38.9	373.4	345.5	27.89	13.390		
6,450.0	6,356.3	6,453.9	6,391.8	15.0	14.2	-98.09	-6.1	-4.4	373.9	345.6	28.25	13.236		
6,500.0	6,389.5	6,507.6	6,430.3	15.1	14.5	-98.64	-6.1	33.2	374.4	345.7	28.73	13.032		
6,550.0	6,420.1	6,561.6	6,466.1	15.1	14.8	-99.14	-6.1	73.5	374.9	345.6	29.36	12.771		
6,600.0	6,448.1	6,615.9	6,499.2	15.4	15.2	-99.61	-6.1	116.5	375.4	345.3	30.15	12.453		
6,650.0	6,473.4	6,670.4	6,529.3	15.8	15.8	-100.03	-6.1	161.9	375.9	344.8	31.12	12.081		
6,700.0	6,495.7	6,725.1	6,556.1	16.4	16.4	-100.40	-6.1	209.6	376.3	344.1	32.27	11.662		
6,750.0	6,515.1	6,780.0	6,579.6	17.1	17.1	-100.73	-6.1	259.2	376.7	343.1	33.61	11.208		
6,800.0	6,531.4	6,835.1	6,599.5	17.9	17.9	-101.01	-6.1	310.6	377.1	341.9	35.14	10.731		
6,850.0	6,544.6	6,890.3	6,615.7	18.8	18.8	-101.23	-6.1	363.4	377.4	340.5	36.84	10.244		
6,900.0	6,554.6	6,945.7	6,628.0	19.7	19.8	-101.40	-6.1	417.4	377.6	338.9	38.69	9.759		
6,950.0	6,561.4	7,001.1	6,636.4	20.7	20.8	-101.52	-6.1	472.2	377.8	337.1	40.68	9.285		
7,000.0	6,565.0	7,056.6	6,640.8	21.7	21.9	-101.59	-6.1	527.5	377.8	335.1	42.79	8.830		
7,033.7	6,565.5	7,094.1	6,641.5	22.4	22.7	-101.60	-6.1	564.9	377.9	333.6	44.26	8.538		
7,100.0	6,565.1	7,160.5	6,641.0	23.8	24.2	-101.59	-6.1	631.3	377.8	330.8	47.08	8.026		
7,200.0	6,564.5	7,260.5	6,640.2	26.1	26.4	-101.56	-6.1	731.3	377.8	326.3	51.50	7.335		
7,300.0	6,563.9	7,360.5	6,639.5	28.5	28.7	-101.53	-6.1	831.3	377.8	321.6	56.13	6.731		
7,400.0	6,563.4	7,460.5	6,638.7	30.9	31.2	-101.51	-6.1	931.3	377.7	316.8	60.90	6.203		
7,500.0	6,562.8	7,560.5	6,637.9	33.4	33.6	-101.48	-6.1	1,031.3	377.7	311.9	65.79	5.741		
7,600.0	6,562.2	7,660.5	6,637.2	35.9	36.2	-101.46	-6.1	1,131.3	377.7	306.9	70.77	5.337		
7,700.0	6,561.6	7,760.5	6,636.4	38.5	38.7	-101.43	-6.1	1,231.3	377.6	301.8	75.83	4.980		
7,800.0	6,561.0	7,860.5	6,635.6	41.1	41.3	-101.40	-6.1	1,331.3	377.6	296.7	80.94	4.665		
7,900.0	6,560.4	7,960.5	6,634.9	43.7	44.0	-101.38	-6.1	1,431.3	377.6	291.4	86.11	4.384		
8,000.0	6,559.8	8,060.5	6,634.1	46.4	46.6	-101.35	-6.1	1,531.3	377.5	286.2	91.33	4.134		
8,100.0	6,559.2	8,160.5	6,633.3	49.1	49.3	-101.33	-6.1	1,631.3	377.5	280.9	96.57	3.909		
8,200.0	6,558.6	8,260.5	6,632.6	51.8	51.9	-101.30	-6.1	1,731.3	377.5	275.6	101.85	3.706		
8,300.0	6,558.0	8,360.5	6,631.8	54.4	54.6	-101.27	-6.1	1,831.3	377.4	270.3	107.15	3.522		
8,400.0	6,557.4	8,460.5	6,631.0	57.2	57.3	-101.25	-6.1	1,931.3	377.4	264.9	112.48	3.355		
8,500.0	6,556.8	8,560.5	6,630.3	59.9	60.1	-101.22	-6.1	2,031.3	377.4	259.5	117.82	3.203		
8,600.0	6,556.2	8,660.5	6,629.5	62.6	62.8	-101.20	-6.1	2,131.3	377.3	254.1	123.18	3.063		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.0	6,555.6	8,760.5	6,628.7	65.3	65.5	-101.17	-6.1	2,231.3	377.3	248.7	128.56	2.935		
8,800.0	6,555.0	8,860.5	6,628.0	68.1	68.2	-101.14	-6.1	2,331.3	377.3	243.3	133.95	2.816		
8,900.0	6,554.5	8,960.5	6,627.2	70.8	71.0	-101.12	-6.1	2,431.3	377.2	237.9	139.35	2.707		
9,000.0	6,553.9	9,060.5	6,626.4	73.6	73.7	-101.09	-6.1	2,531.3	377.2	232.4	144.76	2.606		
9,100.0	6,553.3	9,160.5	6,625.7	76.3	76.5	-101.07	-6.1	2,631.3	377.2	227.0	150.19	2.511		
9,200.0	6,552.7	9,260.5	6,624.9	79.1	79.2	-101.04	-6.1	2,731.3	377.1	221.5	155.62	2.423		
9,300.0	6,552.1	9,360.5	6,624.1	81.8	82.0	-101.01	-6.1	2,831.3	377.1	216.0	161.05	2.341		
9,400.0	6,551.5	9,460.5	6,623.4	84.6	84.8	-100.99	-6.1	2,931.3	377.1	210.6	166.50	2.265		
9,500.0	6,550.9	9,560.5	6,622.6	87.4	87.5	-100.96	-6.1	3,031.3	377.0	205.1	171.95	2.193		
9,600.0	6,550.3	9,660.5	6,621.8	90.1	90.3	-100.94	-6.1	3,131.3	377.0	199.6	177.41	2.125		
9,700.0	6,549.7	9,760.5	6,621.0	92.9	93.1	-100.91	-6.1	3,231.3	377.0	194.1	182.87	2.061		
9,800.0	6,549.1	9,860.5	6,620.3	95.7	95.8	-100.88	-6.1	3,331.3	376.9	188.6	188.34	2.001		
9,900.0	6,548.5	9,960.5	6,619.5	98.5	98.6	-100.86	-6.1	3,431.3	376.9	183.1	193.82	1.945		
10,000.0	6,547.9	10,060.5	6,618.7	101.2	101.4	-100.83	-6.1	3,531.3	376.9	177.6	199.29	1.891		
10,100.0	6,547.3	10,160.5	6,618.0	104.0	104.2	-100.81	-6.1	3,631.3	376.8	172.0	204.78	1.840		
10,200.0	6,546.7	10,260.5	6,617.2	106.8	107.0	-100.78	-6.1	3,731.2	376.8	166.5	210.26	1.792		
10,300.0	6,546.1	10,360.5	6,616.4	109.6	109.7	-100.75	-6.1	3,831.2	376.8	161.0	215.75	1.746		
10,400.0	6,545.6	10,460.5	6,615.7	112.4	112.5	-100.73	-6.1	3,931.2	376.7	155.5	221.25	1.703		
10,500.0	6,545.0	10,560.5	6,614.9	115.1	115.3	-100.70	-6.1	4,031.2	376.7	150.0	226.74	1.661		
10,600.0	6,544.4	10,660.5	6,614.1	117.9	118.1	-100.68	-6.1	4,131.2	376.7	144.4	232.24	1.622		
10,700.0	6,543.8	10,760.5	6,613.4	120.7	120.9	-100.65	-6.1	4,231.2	376.6	138.9	237.74	1.584		
10,800.0	6,543.2	10,860.5	6,612.6	123.5	123.7	-100.62	-6.1	4,331.2	376.6	133.3	243.25	1.548		
10,900.0	6,542.6	10,960.5	6,611.8	126.3	126.5	-100.60	-6.1	4,431.2	376.6	127.8	248.76	1.514		
11,000.0	6,542.0	11,060.5	6,611.1	129.1	129.2	-100.57	-6.1	4,531.2	376.5	122.3	254.27	1.481 Level 3		
11,100.0	6,541.4	11,160.5	6,610.3	131.9	132.0	-100.54	-6.1	4,631.2	376.5	116.7	259.78	1.449 Level 3		
11,200.0	6,540.8	11,260.5	6,609.5	134.7	134.8	-100.52	-6.1	4,731.2	376.5	111.2	265.30	1.419 Level 3		
11,300.0	6,540.2	11,360.5	6,608.8	137.5	137.6	-100.49	-6.1	4,831.2	376.4	105.6	270.82	1.390 Level 3		
11,400.0	6,539.6	11,460.5	6,608.0	140.3	140.4	-100.47	-6.1	4,931.2	376.4	100.1	276.34	1.362 Level 3		
11,500.0	6,539.0	11,560.5	6,607.2	143.1	143.2	-100.44	-6.1	5,031.2	376.4	94.5	281.86	1.335 Level 3		
11,600.0	6,538.4	11,660.5	6,606.5	145.8	146.0	-100.41	-6.1	5,131.2	376.3	89.0	287.38	1.310 Level 3		
11,700.0	6,537.8	11,760.5	6,605.7	148.6	148.8	-100.39	-6.1	5,231.2	376.3	83.4	292.91	1.285 Level 3		
11,800.0	6,537.2	11,860.5	6,604.9	151.4	151.6	-100.36	-6.1	5,331.2	376.3	77.8	298.44	1.261 Level 3		
11,900.0	6,536.7	11,960.5	6,604.2	154.2	154.4	-100.34	-6.1	5,431.2	376.2	72.3	303.97	1.238 Level 2		
12,000.0	6,536.1	12,060.5	6,603.4	157.0	157.2	-100.31	-6.1	5,531.2	376.2	66.7	309.50	1.216 Level 2		
12,100.0	6,535.5	12,160.5	6,602.6	159.8	160.0	-100.28	-6.1	5,631.2	376.2	61.2	315.03	1.194 Level 2		
12,200.0	6,534.9	12,260.5	6,601.8	162.6	162.8	-100.26	-6.1	5,731.2	376.2	55.6	320.56	1.173 Level 2		
12,300.0	6,534.3	12,360.5	6,601.1	165.4	165.6	-100.23	-6.1	5,831.2	376.1	50.0	326.10	1.153 Level 2		
12,400.0	6,533.7	12,460.5	6,600.3	168.2	168.4	-100.20	-6.1	5,931.2	376.1	44.5	331.64	1.134 Level 2		
12,500.0	6,533.1	12,560.5	6,599.5	171.0	171.2	-100.18	-6.1	6,031.2	376.1	38.9	337.18	1.115 Level 2		
12,600.0	6,532.5	12,660.5	6,598.8	173.8	174.0	-100.15	-6.1	6,131.2	376.0	33.3	342.72	1.097 Level 2		
12,700.0	6,531.9	12,760.5	6,598.0	176.6	176.8	-100.13	-6.1	6,231.2	376.0	27.7	348.26	1.080 Level 2		
12,800.0	6,531.3	12,860.5	6,597.2	179.4	179.6	-100.10	-6.1	6,331.2	376.0	22.2	353.81	1.063 Level 2		
12,900.0	6,530.7	12,960.5	6,596.5	182.2	182.4	-100.07	-6.1	6,431.2	375.9	16.6	359.35	1.046 Level 2		
13,000.0	6,530.1	13,060.5	6,595.7	185.0	185.2	-100.05	-6.1	6,531.2	375.9	11.0	364.90	1.030 Level 2		
13,100.0	6,529.5	13,160.5	6,594.9	187.8	188.0	-100.02	-6.1	6,631.2	375.9	5.4	370.44	1.015 Level 2		
13,200.0	6,528.9	13,260.5	6,594.2	190.6	190.8	-100.00	-6.1	6,731.2	375.8	-0.1	375.99	1.000 Level 1		
13,300.0	6,528.3	13,360.5	6,593.4	193.4	193.6	-99.97	-6.1	6,831.2	375.8	-5.7	381.54	0.985 Level 1		
13,400.0	6,527.7	13,460.5	6,592.6	196.2	196.4	-99.94	-6.1	6,931.1	375.8	-11.3	387.10	0.971 Level 1		
13,500.0	6,527.2	13,560.5	6,591.9	199.0	199.2	-99.92	-6.1	7,031.1	375.8	-16.9	392.65	0.957 Level 1		
13,600.0	6,526.6	13,660.5	6,591.1	201.8	202.0	-99.89	-6.1	7,131.1	375.7	-22.5	398.20	0.944 Level 1		
13,700.0	6,526.0	13,760.5	6,590.3	204.6	204.8	-99.86	-6.1	7,231.1	375.7	-28.1	403.76	0.930 Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
13,800.0	6,525.4	13,860.5	6,589.6	207.4	207.6	-99.84	-6.1	7,331.1	375.7	-33.7	409.31	0.918	Level 1		
13,900.0	6,524.8	13,960.5	6,588.8	210.2	210.4	-99.81	-6.1	7,431.1	375.6	-39.2	414.87	0.905	Level 1		
14,000.0	6,524.2	14,060.5	6,588.0	213.0	213.2	-99.79	-6.1	7,531.1	375.6	-44.8	420.43	0.893	Level 1		
14,100.0	6,523.6	14,160.5	6,587.3	215.8	216.0	-99.76	-6.1	7,631.1	375.6	-50.4	425.99	0.882	Level 1		
14,200.0	6,523.0	14,260.5	6,586.5	218.7	218.8	-99.73	-6.1	7,731.1	375.5	-56.0	431.55	0.870	Level 1		
14,300.0	6,522.4	14,360.5	6,585.7	221.5	221.6	-99.71	-6.1	7,831.1	375.5	-61.6	437.11	0.859	Level 1		
14,400.0	6,521.8	14,460.5	6,585.0	224.3	224.4	-99.68	-6.1	7,931.1	375.5	-67.2	442.68	0.848	Level 1		
14,500.0	6,521.2	14,560.5	6,584.2	227.1	227.2	-99.65	-6.1	8,031.1	375.5	-72.8	448.24	0.838	Level 1		
14,600.0	6,520.6	14,660.5	6,583.4	229.9	230.0	-99.63	-6.1	8,131.1	375.4	-78.4	453.81	0.827	Level 1		
14,700.0	6,520.0	14,760.5	6,582.6	232.7	232.8	-99.60	-6.1	8,231.1	375.4	-84.0	459.37	0.817	Level 1		
14,800.0	6,519.4	14,860.5	6,581.9	235.5	235.6	-99.58	-6.1	8,331.1	375.4	-89.6	464.94	0.807	Level 1		
14,900.0	6,518.8	14,960.5	6,581.1	238.3	238.4	-99.55	-6.1	8,431.1	375.3	-95.2	470.51	0.798	Level 1		
15,000.0	6,518.3	15,060.5	6,580.3	241.1	241.2	-99.52	-6.1	8,531.1	375.3	-100.8	476.08	0.788	Level 1		
15,100.0	6,517.7	15,160.5	6,579.6	243.9	244.0	-99.50	-6.1	8,631.1	375.3	-106.4	481.65	0.779	Level 1		
15,200.0	6,517.1	15,260.5	6,578.8	246.7	246.8	-99.47	-6.1	8,731.1	375.3	-112.0	487.22	0.770	Level 1		
15,300.0	6,516.5	15,360.5	6,578.0	249.5	249.6	-99.44	-6.1	8,831.1	375.2	-117.6	492.79	0.761	Level 1		
15,400.0	6,515.9	15,460.5	6,577.3	252.3	252.4	-99.42	-6.1	8,931.1	375.2	-123.2	498.36	0.753	Level 1		
15,500.0	6,515.3	15,560.5	6,576.5	255.1	255.3	-99.39	-6.1	9,031.1	375.2	-128.8	503.94	0.744	Level 1		
15,600.0	6,514.7	15,660.5	6,575.7	257.9	258.1	-99.37	-6.1	9,131.1	375.1	-134.4	509.51	0.736	Level 1		
15,700.0	6,514.1	15,760.5	6,575.0	260.7	260.9	-99.34	-6.1	9,231.1	375.1	-140.0	515.09	0.728	Level 1		
15,800.0	6,513.5	15,860.5	6,574.2	263.5	263.7	-99.31	-6.1	9,331.1	375.1	-145.6	520.66	0.720	Level 1		
15,900.0	6,512.9	15,960.5	6,573.4	266.3	266.5	-99.29	-6.1	9,431.1	375.1	-151.2	526.24	0.713	Level 1		
16,000.0	6,512.3	16,060.5	6,572.7	269.1	269.3	-99.26	-6.1	9,531.1	375.0	-156.8	531.82	0.705	Level 1		
16,100.0	6,511.7	16,160.5	6,571.9	271.9	272.1	-99.23	-6.1	9,631.1	375.0	-162.4	537.40	0.698	Level 1		
16,200.0	6,511.1	16,260.5	6,571.1	274.7	274.9	-99.21	-6.1	9,731.1	375.0	-168.0	542.98	0.691	Level 1		
16,217.1	6,511.0	16,277.5	6,571.0	275.2	275.4	-99.20	-6.1	9,748.1	375.0	-169.0	543.93	0.689	Level 1		
16,222.6	6,511.0	16,277.5	6,571.0	275.4	275.4	-99.20	-6.1	9,748.1	375.0	-169.1	544.08	0.689 Level 1, ES, SF			

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	34.89	24.8	17.3	30.2					
100.0	100.0	100.0	100.0	0.1	0.1	34.89	24.8	17.3	30.2	30.0	0.22	134.352		
200.0	200.0	200.0	200.0	0.3	0.3	34.89	24.8	17.3	30.2	29.5	0.67	44.784		
300.0	300.0	300.0	300.0	0.6	0.6	34.89	24.8	17.3	30.2	29.1	1.12	26.870		
400.0	400.0	400.0	400.0	0.8	0.8	34.89	24.8	17.3	30.2	28.6	1.57	19.193		
500.0	500.0	500.0	500.0	1.0	1.0	34.89	24.8	17.3	30.2	28.2	2.02	14.928		
600.0	600.0	600.0	600.0	1.2	1.2	34.89	24.8	17.3	30.2	27.7	2.47	12.214		
700.0	700.0	700.0	700.0	1.5	1.5	34.89	24.8	17.3	30.2	27.3	2.92	10.335		
800.0	800.0	800.0	800.0	1.7	1.7	34.89	24.8	17.3	30.2	26.8	3.37	8.957		
900.0	900.0	900.0	900.0	1.9	1.9	34.89	24.8	17.3	30.2	26.4	3.82	7.903		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	34.89	24.8	17.3	30.2	25.9	4.27	7.071		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	34.89	24.8	17.3	30.2	25.5	4.72	6.398		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	34.89	24.8	17.3	30.2	25.0	5.17	5.841		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	34.89	24.8	17.3	30.2	24.6	5.62	5.374		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	34.89	24.8	17.3	30.2	24.1	6.07	4.976 CC, ES		
1,500.0	1,500.0	1,500.0	1,500.0	3.2	3.3	-173.84	24.8	17.3	31.5	25.0	6.49	4.853		
1,600.0	1,599.9	1,599.9	1,599.9	3.4	3.5	-174.52	24.8	17.3	35.4	28.5	6.89	5.141		
1,700.0	1,699.7	1,699.3	1,699.3	3.6	3.7	-177.02	25.8	16.5	42.4	35.1	7.28	5.816		
1,800.0	1,799.3	1,798.2	1,798.1	3.8	3.9	178.54	28.8	14.1	53.0	45.3	7.68	6.905		
1,900.0	1,898.6	1,896.3	1,896.0	4.0	4.1	173.84	33.8	10.2	67.7	59.6	8.08	8.381		
1,916.2	1,914.6	1,912.1	1,911.7	4.0	4.2	173.12	34.8	9.4	70.5	62.3	8.14	8.654		
2,000.0	1,997.7	1,993.5	1,992.8	4.2	4.4	169.60	40.7	4.8	85.7	77.2	8.50	10.084		
2,100.0	2,096.8	2,089.9	2,088.5	4.5	4.6	165.76	49.5	-2.1	105.5	96.6	8.93	11.811		
2,200.0	2,195.8	2,187.4	2,185.3	4.7	4.8	162.65	59.3	-9.8	126.5	117.1	9.38	13.480		
2,300.0	2,294.9	2,285.0	2,282.0	5.0	5.1	160.42	69.2	-17.5	147.7	137.9	9.84	15.012		
2,400.0	2,394.0	2,382.6	2,378.8	5.3	5.4	158.76	79.0	-25.2	169.1	158.8	10.31	16.411		
2,500.0	2,493.1	2,480.1	2,475.6	5.6	5.6	157.46	88.9	-33.0	190.6	179.9	10.78	17.687		
2,600.0	2,592.2	2,577.7	2,572.4	5.9	5.9	156.44	98.7	-40.7	212.2	201.0	11.26	18.854		
2,700.0	2,691.3	2,675.3	2,669.1	6.2	6.2	155.60	108.6	-48.4	233.8	222.1	11.74	19.920		
2,800.0	2,790.4	2,772.9	2,765.9	6.5	6.5	154.90	118.5	-56.1	255.5	243.3	12.23	20.898		
2,900.0	2,889.5	2,870.5	2,862.7	6.8	6.7	154.31	128.3	-63.9	277.2	264.5	12.72	21.797		
3,000.0	2,988.5	2,968.1	2,959.4	7.1	7.0	153.81	138.2	-71.6	298.9	285.7	13.21	22.623		
3,100.0	3,087.6	3,065.6	3,056.2	7.4	7.3	153.37	148.0	-79.3	320.7	307.0	13.71	23.386		
3,200.0	3,186.7	3,163.2	3,153.0	7.7	7.6	152.99	157.9	-87.0	342.4	328.2	14.21	24.092		
3,300.0	3,285.8	3,260.8	3,249.8	8.1	7.9	152.66	167.7	-94.7	364.2	349.5	14.72	24.746		
3,400.0	3,384.9	3,358.4	3,346.5	8.4	8.2	152.36	177.6	-102.5	386.0	370.8	15.22	25.353		
3,500.0	3,484.0	3,456.0	3,443.3	8.7	8.5	152.10	187.5	-110.2	407.8	392.0	15.73	25.918		
3,600.0	3,583.1	3,553.5	3,540.1	9.0	8.8	151.86	197.3	-117.9	429.6	413.3	16.24	26.445		
3,700.0	3,682.2	3,651.1	3,636.9	9.3	9.1	151.65	207.2	-125.6	451.4	434.6	16.76	26.938		
3,800.0	3,781.3	3,748.7	3,733.6	9.7	9.4	151.45	217.0	-133.4	473.2	455.9	17.27	27.399		
3,900.0	3,880.3	3,846.3	3,830.4	10.0	9.7	151.27	226.9	-141.1	495.0	477.2	17.79	27.831		
4,000.0	3,979.4	3,943.9	3,927.2	10.3	10.0	151.11	236.8	-148.8	516.8	498.5	18.30	28.237		
4,100.0	4,078.5	4,041.4	4,024.0	10.7	10.3	150.96	246.6	-156.5	538.6	519.8	18.82	28.619		
4,200.0	4,177.6	4,139.0	4,120.7	11.0	10.6	150.82	256.5	-164.2	560.5	541.1	19.34	28.979		
4,300.0	4,276.7	4,236.6	4,217.5	11.3	10.9	150.70	266.3	-172.0	582.3	562.4	19.86	29.319		
4,400.0	4,375.8	4,334.2	4,314.3	11.7	11.2	150.58	276.2	-179.7	604.1	583.7	20.38	29.640		
4,500.0	4,474.9	4,431.8	4,411.1	12.0	11.5	150.47	286.0	-187.4	625.9	605.0	20.90	29.945		
4,600.0	4,574.0	4,546.0	4,524.5	12.3	11.8	150.43	296.4	-195.5	646.8	625.4	21.42	30.201		
4,640.4	4,614.0	4,594.5	4,572.8	12.5	11.9	150.49	299.8	-198.2	654.3	632.7	21.61	30.276		
4,700.0	4,673.1	4,666.4	4,644.6	12.6	12.1	150.71	303.5	-201.1	663.9	642.0	21.92	30.290		
4,800.0	4,772.7	4,788.3	4,766.4	12.9	12.3	151.10	306.7	-203.6	675.0	652.6	22.38	30.155		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
4,900.0	4,872.5	4,894.4	4,872.5	13.1	12.5	151.42	306.9	-203.7	680.6	657.8	22.80	29.852	
5,000.0	4,972.4	4,994.3	4,972.4	13.2	12.7	151.55	306.9	-203.7	683.0	659.8	23.20	29.438	
5,027.6	5,000.0	5,021.9	5,000.0	13.3	12.7	0.02	306.9	-203.7	683.1	658.2	24.85	27.490	
5,100.0	5,072.4	5,094.3	5,072.4	13.4	12.9	0.02	306.9	-203.7	683.1	658.0	25.11	27.199	
5,200.0	5,172.4	5,194.3	5,172.4	13.6	13.1	0.02	306.9	-203.7	683.1	657.6	25.47	26.814	
5,300.0	5,272.4	5,294.3	5,272.4	13.7	13.2	0.02	306.9	-203.7	683.1	657.2	25.84	26.437	
5,400.0	5,372.4	5,394.3	5,372.4	13.9	13.4	0.02	306.9	-203.7	683.1	656.9	26.20	26.068	
5,500.0	5,472.4	5,494.3	5,472.4	14.0	13.6	0.02	306.9	-203.7	683.1	656.5	26.57	25.706	
5,600.0	5,572.4	5,594.3	5,572.4	14.2	13.8	0.02	306.9	-203.7	683.1	656.1	26.94	25.353	
5,700.0	5,672.4	5,694.3	5,672.4	14.4	14.0	0.02	306.9	-203.7	683.1	655.8	27.32	25.006	
5,800.0	5,772.4	5,794.3	5,772.4	14.5	14.2	0.02	306.9	-203.7	683.1	655.4	27.69	24.667	
5,829.2	5,801.6	5,823.5	5,801.6	14.6	14.3	0.02	306.9	-203.7	683.1	655.3	27.80	24.570	
5,849.6	5,822.1	5,844.0	5,822.1	14.6	14.3	-90.00	306.9	-203.7	683.1	656.5	26.56	25.715	
5,850.0	5,822.4	5,844.3	5,822.4	14.6	14.3	-90.00	306.9	-203.7	683.1	656.5	26.56	25.714	
5,900.0	5,872.3	5,894.2	5,872.3	14.7	14.4	-90.25	306.9	-203.7	683.1	656.3	26.75	25.536	
5,950.0	5,921.9	5,943.8	5,921.9	14.7	14.5	-90.77	306.9	-203.7	683.1	656.2	26.92	25.373	
6,000.0	5,971.0	5,993.2	5,971.3	14.8	14.6	-91.53	306.9	-203.6	683.3	656.2	27.08	25.231	
6,050.0	6,019.4	6,043.8	6,021.8	14.8	14.7	-92.36	306.9	-201.0	683.7	656.5	27.21	25.124	
6,100.0	6,066.8	6,095.0	6,072.7	14.9	14.8	-93.19	306.9	-194.9	684.2	656.9	27.32	25.042	
6,150.0	6,113.1	6,147.0	6,123.7	14.9	14.8	-94.01	306.9	-185.3	684.8	657.4	27.42	24.978	
6,200.0	6,158.0	6,199.7	6,174.8	14.9	14.9	-94.82	306.9	-172.1	685.6	658.1	27.51	24.926	
6,250.0	6,201.5	6,253.2	6,225.5	14.9	14.9	-95.61	306.9	-155.0	686.5	658.9	27.60	24.873	
6,300.0	6,243.2	6,307.5	6,275.6	15.0	14.9	-96.39	306.9	-134.2	687.5	659.8	27.71	24.808	
6,350.0	6,283.0	6,362.6	6,324.8	15.0	14.9	-97.13	306.9	-109.4	688.6	660.7	27.86	24.713	
6,400.0	6,320.8	6,418.6	6,372.8	15.0	15.0	-97.86	306.9	-80.7	689.7	661.7	28.07	24.571	
6,450.0	6,356.3	6,475.3	6,419.2	15.0	15.0	-98.54	306.9	-48.1	690.9	662.6	28.36	24.362	
6,500.0	6,389.5	6,532.8	6,463.6	15.1	15.0	-99.19	306.9	-11.7	692.2	663.4	28.76	24.068	
6,550.0	6,420.1	6,591.0	6,505.7	15.1	15.1	-99.80	306.9	28.6	693.4	664.1	29.29	23.674	
6,600.0	6,448.1	6,650.1	6,545.1	15.4	15.3	-100.37	306.9	72.5	694.6	664.6	29.98	23.170	
6,650.0	6,473.4	6,709.8	6,581.4	15.8	15.7	-100.88	306.9	119.9	695.8	664.9	30.86	22.545	
6,700.0	6,495.7	6,770.1	6,614.2	16.4	16.2	-101.34	306.9	170.6	696.8	664.9	31.94	21.815	
6,750.0	6,515.1	6,831.1	6,643.2	17.1	16.9	-101.75	306.9	224.2	697.8	664.6	33.23	21.000	
6,800.0	6,531.4	6,892.6	6,668.0	17.9	17.7	-102.09	306.9	280.4	698.7	663.9	34.72	20.121	
6,850.0	6,544.6	6,954.5	6,688.3	18.8	18.7	-102.37	306.9	338.9	699.4	663.0	36.42	19.202	
6,900.0	6,554.6	7,016.8	6,703.9	19.7	19.7	-102.59	306.9	399.2	699.9	661.6	38.31	18.270	
6,950.0	6,561.4	7,079.3	6,714.6	20.7	20.9	-102.74	306.9	460.8	700.3	660.0	40.36	17.352	
7,000.0	6,565.0	7,142.0	6,720.2	21.7	22.1	-102.81	306.9	523.3	700.5	658.0	42.54	16.468	
7,033.7	6,565.5	7,184.0	6,721.0	22.4	23.0	-102.83	306.9	565.2	700.6	656.5	44.06	15.900	
7,100.0	6,565.1	7,250.2	6,720.8	23.8	24.4	-102.83	306.9	631.4	700.6	653.7	46.84	14.956	
7,200.0	6,564.5	7,350.2	6,720.3	26.1	26.6	-102.85	306.9	731.4	700.6	649.4	51.22	13.680	
7,300.0	6,563.9	7,450.2	6,719.9	28.5	28.9	-102.86	306.9	831.4	700.6	644.9	55.79	12.560	
7,400.0	6,563.4	7,550.2	6,719.5	30.9	31.3	-102.87	306.9	931.4	700.7	640.2	60.51	11.580	
7,500.0	6,562.8	7,650.2	6,719.0	33.4	33.8	-102.88	306.9	1,031.4	700.7	635.4	65.35	10.723	
7,600.0	6,562.2	7,750.2	6,718.6	35.9	36.3	-102.90	306.9	1,131.4	700.8	630.5	70.29	9.970	
7,700.0	6,561.6	7,850.2	6,718.1	38.5	38.8	-102.91	306.9	1,231.4	700.8	625.5	75.30	9.307	
7,800.0	6,561.0	7,950.2	6,717.7	41.1	41.4	-102.92	306.9	1,331.4	700.8	620.5	80.37	8.720	
7,900.0	6,560.4	8,050.2	6,717.3	43.7	44.0	-102.93	306.9	1,431.4	700.9	615.4	85.49	8.198	
8,000.0	6,559.8	8,150.2	6,716.8	46.4	46.6	-102.95	306.9	1,531.4	700.9	610.2	90.66	7.731	
8,100.0	6,559.2	8,250.2	6,716.4	49.1	49.3	-102.96	306.9	1,631.4	700.9	605.1	95.85	7.312	
8,200.0	6,558.6	8,350.2	6,716.0	51.8	52.0	-102.97	306.9	1,731.4	701.0	599.9	101.08	6.935	
8,300.0	6,558.0	8,450.2	6,715.5	54.4	54.7	-102.99	306.9	1,831.4	701.0	594.7	106.33	6.592	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
8,400.0	6,557.4	8,550.2	6,715.1	57.2	57.4	-103.00	306.9	1,931.4	701.0	589.4	111.61	6.281	
8,500.0	6,556.8	8,650.2	6,714.7	59.9	60.1	-103.01	306.9	2,031.4	701.1	584.2	116.90	5.997	
8,600.0	6,556.2	8,750.2	6,714.2	62.6	62.8	-103.02	306.9	2,131.4	701.1	578.9	122.21	5.737	
8,700.0	6,555.6	8,850.2	6,713.8	65.3	65.5	-103.04	306.9	2,231.4	701.1	573.6	127.53	5.498	
8,800.0	6,555.0	8,950.2	6,713.3	68.1	68.2	-103.05	306.9	2,331.4	701.2	568.3	132.87	5.277	
8,900.0	6,554.5	9,050.2	6,712.9	70.8	71.0	-103.06	306.9	2,431.4	701.2	563.0	138.21	5.073	
9,000.0	6,553.9	9,150.2	6,712.5	73.6	73.7	-103.07	306.9	2,531.4	701.2	557.7	143.57	4.884	
9,100.0	6,553.3	9,250.2	6,712.0	76.3	76.5	-103.09	306.9	2,631.4	701.3	552.4	148.93	4.709	
9,200.0	6,552.7	9,350.2	6,711.6	79.1	79.2	-103.10	306.9	2,731.4	701.3	547.0	154.30	4.545	
9,300.0	6,552.1	9,450.2	6,711.2	81.8	82.0	-103.11	306.9	2,831.4	701.4	541.7	159.68	4.392	
9,400.0	6,551.5	9,550.2	6,710.7	84.6	84.7	-103.12	306.9	2,931.4	701.4	536.3	165.06	4.249	
9,500.0	6,550.9	9,650.2	6,710.3	87.4	87.5	-103.14	306.9	3,031.4	701.4	531.0	170.45	4.115	
9,600.0	6,550.3	9,750.2	6,709.9	90.1	90.2	-103.15	306.9	3,131.4	701.5	525.6	175.84	3.989	
9,700.0	6,549.7	9,850.2	6,709.4	92.9	93.0	-103.16	306.9	3,231.4	701.5	520.3	181.24	3.871	
9,800.0	6,549.1	9,950.2	6,709.0	95.7	95.8	-103.17	306.9	3,331.4	701.5	514.9	186.64	3.759	
9,900.0	6,548.5	10,050.2	6,708.5	98.5	98.6	-103.19	306.9	3,431.4	701.6	509.5	192.04	3.653	
10,000.0	6,547.9	10,150.2	6,708.1	101.2	101.3	-103.20	306.9	3,531.4	701.6	504.2	197.45	3.553	
10,100.0	6,547.3	10,250.2	6,707.7	104.0	104.1	-103.21	306.9	3,631.4	701.6	498.8	202.86	3.459	
10,200.0	6,546.7	10,350.2	6,707.2	106.8	106.9	-103.22	306.9	3,731.4	701.7	493.4	208.27	3.369	
10,300.0	6,546.1	10,450.2	6,706.8	109.6	109.7	-103.23	306.9	3,831.4	701.7	488.0	213.69	3.284	
10,400.0	6,545.5	10,550.2	6,706.4	112.4	112.5	-103.25	306.9	3,931.4	701.7	482.6	219.11	3.203	
10,500.0	6,545.0	10,650.2	6,705.9	115.1	115.2	-103.26	306.9	4,031.4	701.8	477.3	224.53	3.126	
10,600.0	6,544.4	10,750.2	6,705.5	117.9	118.0	-103.27	306.9	4,131.4	701.8	471.9	229.95	3.052	
10,700.0	6,543.8	10,850.2	6,705.1	120.7	120.8	-103.28	306.9	4,231.4	701.9	466.5	235.37	2.982	
10,800.0	6,543.2	10,950.2	6,704.6	123.5	123.6	-103.30	306.9	4,331.4	701.9	461.1	240.79	2.915	
10,900.0	6,542.6	11,050.2	6,704.2	126.3	126.4	-103.31	306.9	4,431.4	701.9	455.7	246.22	2.851	
11,000.0	6,542.0	11,150.2	6,703.7	129.1	129.2	-103.32	306.9	4,531.4	702.0	450.3	251.65	2.789	
11,100.0	6,541.4	11,250.2	6,703.3	131.9	132.0	-103.33	306.9	4,631.4	702.0	444.9	257.07	2.731	
11,200.0	6,540.8	11,350.2	6,702.9	134.7	134.7	-103.35	306.9	4,731.4	702.0	439.5	262.50	2.674	
11,300.0	6,540.2	11,450.2	6,702.4	137.5	137.5	-103.36	306.9	4,831.4	702.1	434.1	267.93	2.620	
11,400.0	6,539.6	11,550.2	6,702.0	140.3	140.3	-103.37	306.9	4,931.4	702.1	428.7	273.36	2.568	
11,500.0	6,539.0	11,650.2	6,701.6	143.1	143.1	-103.38	306.9	5,031.4	702.1	423.4	278.79	2.519	
11,600.0	6,538.4	11,750.2	6,701.1	145.8	145.9	-103.40	306.9	5,131.4	702.2	418.0	284.23	2.471	
11,700.0	6,537.8	11,850.2	6,700.7	148.6	148.7	-103.41	306.9	5,231.4	702.2	412.6	289.66	2.424	
11,800.0	6,537.2	11,950.2	6,700.3	151.4	151.5	-103.42	306.9	5,331.4	702.3	407.2	295.09	2.380	
11,900.0	6,536.6	12,050.2	6,699.8	154.2	154.3	-103.43	306.9	5,431.4	702.3	401.8	300.53	2.337	
12,000.0	6,536.1	12,150.2	6,699.4	157.0	157.1	-103.45	306.9	5,531.4	702.3	396.4	305.96	2.296	
12,100.0	6,535.5	12,250.2	6,698.9	159.8	159.9	-103.46	306.9	5,631.4	702.4	391.0	311.39	2.256	
12,200.0	6,534.9	12,350.2	6,698.5	162.6	162.7	-103.47	306.9	5,731.4	702.4	385.6	316.83	2.217	
12,300.0	6,534.3	12,450.2	6,698.1	165.4	165.5	-103.48	306.9	5,831.4	702.4	380.2	322.26	2.180	
12,400.0	6,533.7	12,550.2	6,697.6	168.2	168.3	-103.50	306.9	5,931.4	702.5	374.8	327.70	2.144	
12,500.0	6,533.1	12,650.2	6,697.2	171.0	171.1	-103.51	306.9	6,031.4	702.5	369.4	333.13	2.109	
12,600.0	6,532.5	12,750.2	6,696.8	173.8	173.9	-103.52	306.9	6,131.4	702.6	364.0	338.57	2.075	
12,700.0	6,531.9	12,850.2	6,696.3	176.6	176.7	-103.53	306.9	6,231.4	702.6	358.6	344.00	2.042	
12,800.0	6,531.3	12,950.2	6,695.9	179.4	179.5	-103.55	306.9	6,331.4	702.6	353.2	349.44	2.011	
12,900.0	6,530.7	13,050.2	6,695.5	182.2	182.3	-103.56	306.9	6,431.4	702.7	347.8	354.88	1.980	
13,000.0	6,530.1	13,150.2	6,695.0	185.0	185.1	-103.57	306.9	6,531.4	702.7	342.4	360.31	1.950	
13,100.0	6,529.5	13,250.2	6,694.6	187.8	187.9	-103.58	306.9	6,631.4	702.7	337.0	365.75	1.921	
13,200.0	6,528.9	13,350.2	6,694.1	190.6	190.7	-103.60	306.9	6,731.4	702.8	331.6	371.18	1.893	
13,300.0	6,528.3	13,450.2	6,693.7	193.4	193.5	-103.61	306.9	6,831.4	702.8	326.2	376.62	1.866	
13,400.0	6,527.7	13,550.2	6,693.3	196.2	196.3	-103.62	306.9	6,931.4	702.8	320.8	382.05	1.840	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,500.0	6,527.2	13,650.2	6,692.8	199.0	199.1	-103.63	306.9	7,031.4	702.9	315.4	387.49	1.814		
13,600.0	6,526.6	13,750.2	6,692.4	201.8	201.9	-103.65	306.9	7,131.4	702.9	310.0	392.93	1.789		
13,700.0	6,526.0	13,850.2	6,692.0	204.6	204.7	-103.66	306.9	7,231.4	703.0	304.6	398.36	1.765		
13,800.0	6,525.4	13,950.2	6,691.5	207.4	207.5	-103.67	306.9	7,331.4	703.0	299.2	403.80	1.741		
13,900.0	6,524.8	14,050.2	6,691.1	210.2	210.3	-103.68	306.9	7,431.4	703.0	293.8	409.23	1.718		
14,000.0	6,524.2	14,150.2	6,690.7	213.0	213.1	-103.70	306.9	7,531.4	703.1	288.4	414.67	1.696		
14,100.0	6,523.6	14,250.2	6,690.2	215.8	215.9	-103.71	306.9	7,631.4	703.1	283.0	420.10	1.674		
14,200.0	6,523.0	14,350.2	6,689.8	218.7	218.7	-103.72	306.9	7,731.4	703.1	277.6	425.54	1.652		
14,300.0	6,522.4	14,450.2	6,689.3	221.5	221.5	-103.73	306.9	7,831.4	703.2	272.2	430.97	1.632		
14,400.0	6,521.8	14,550.2	6,688.9	224.3	224.3	-103.75	306.9	7,931.4	703.2	266.8	436.40	1.611		
14,500.0	6,521.2	14,650.2	6,688.5	227.1	227.1	-103.76	306.9	8,031.4	703.3	261.4	441.84	1.592		
14,600.0	6,520.6	14,750.2	6,688.0	229.9	229.9	-103.77	306.9	8,131.4	703.3	256.0	447.27	1.572		
14,700.0	6,520.0	14,850.2	6,687.6	232.7	232.7	-103.78	306.9	8,231.4	703.3	250.6	452.70	1.554		
14,800.0	6,519.4	14,950.2	6,687.2	235.5	235.5	-103.80	306.9	8,331.4	703.4	245.2	458.14	1.535		
14,900.0	6,518.8	15,050.2	6,686.7	238.3	238.3	-103.81	306.9	8,431.4	703.4	239.8	463.57	1.517		
15,000.0	6,518.3	15,150.2	6,686.3	241.1	241.1	-103.82	306.9	8,531.4	703.4	234.4	469.00	1.500 Level 3		
15,100.0	6,517.7	15,250.2	6,685.9	243.9	243.9	-103.83	306.9	8,631.4	703.5	229.0	474.43	1.483 Level 3		
15,200.0	6,517.1	15,350.2	6,685.4	246.7	246.7	-103.85	306.9	8,731.4	703.5	223.7	479.87	1.466 Level 3		
15,300.0	6,516.5	15,450.2	6,685.0	249.5	249.5	-103.86	306.9	8,831.4	703.6	218.3	485.30	1.450 Level 3		
15,400.0	6,515.9	15,550.2	6,684.5	252.3	252.3	-103.87	306.9	8,931.4	703.6	212.9	490.73	1.434 Level 3		
15,500.0	6,515.3	15,650.2	6,684.1	255.1	255.2	-103.88	306.9	9,031.4	703.6	207.5	496.16	1.418 Level 3		
15,600.0	6,514.7	15,750.2	6,683.7	257.9	258.0	-103.89	306.9	9,131.3	703.7	202.1	501.59	1.403 Level 3		
15,700.0	6,514.1	15,850.2	6,683.2	260.7	260.8	-103.91	306.9	9,231.3	703.7	196.7	507.02	1.388 Level 3		
15,800.0	6,513.5	15,950.2	6,682.8	263.5	263.6	-103.92	306.9	9,331.3	703.7	191.3	512.45	1.373 Level 3		
15,900.0	6,512.9	16,050.2	6,682.4	266.3	266.4	-103.93	306.9	9,431.3	703.8	185.9	517.88	1.359 Level 3		
16,000.0	6,512.3	16,150.2	6,681.9	269.1	269.2	-103.94	306.9	9,531.3	703.8	180.5	523.31	1.345 Level 3		
16,100.0	6,511.7	16,250.2	6,681.5	271.9	272.0	-103.96	306.9	9,631.3	703.9	175.1	528.73	1.331 Level 3		
16,200.0	6,511.1	16,350.2	6,681.1	274.7	274.8	-103.97	306.9	9,731.3	703.9	169.7	534.16	1.318 Level 3		
16,202.3	6,511.1	16,352.5	6,681.0	274.8	274.9	-103.97	306.9	9,733.6	703.9	169.6	534.29	1.317 Level 3		
16,222.6	6,511.0	16,362.7	6,681.0	275.4	275.1	-103.97	306.9	9,743.8	704.0	168.9	535.12	1.316 Level 3, SF		

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: -10-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	-9.0	-9.0	0.0	0.0	-144.31	-12.0	-8.6	14.8	14.8	0.00	N/A		
100.0	100.0	91.0	91.0	0.1	0.2	-144.31	-12.0	-8.6	14.8	14.5	0.33	45.110		
200.0	200.0	191.0	191.0	0.3	0.4	-144.31	-12.0	-8.6	14.8	14.0	0.78	19.035		
300.0	300.0	291.0	291.0	0.6	0.7	-144.31	-12.0	-8.6	14.8	13.6	1.23	12.062		
400.0	400.0	391.0	391.0	0.8	0.9	-144.31	-12.0	-8.6	14.8	13.1	1.68	8.829		
500.0	500.0	491.0	491.0	1.0	1.1	-144.31	-12.0	-8.6	14.8	12.7	2.13	6.962		
600.0	600.0	591.0	591.0	1.2	1.3	-144.31	-12.0	-8.6	14.8	12.2	2.58	5.747		
700.0	700.0	691.0	691.0	1.5	1.6	-144.31	-12.0	-8.6	14.8	11.8	3.03	4.893		
800.0	800.0	791.0	791.0	1.7	1.8	-144.31	-12.0	-8.6	14.8	11.3	3.47	4.260		
900.0	900.0	891.0	891.0	1.9	2.0	-144.31	-12.0	-8.6	14.8	10.9	3.92	3.772		
966.3	966.3	957.3	957.3	2.1	2.2	-144.31	-12.0	-8.6	14.8	10.6	4.22	3.506 CC		
1,000.0	1,000.0	991.0	991.0	2.1	2.2	-144.31	-12.0	-8.6	14.8	10.4	4.37	3.385		
1,100.0	1,100.0	1,090.6	1,090.6	2.4	2.4	-145.85	-13.3	-9.0	16.1	11.3	4.77	3.367		
1,200.0	1,200.0	1,190.1	1,190.0	2.6	2.6	-149.26	-17.0	-10.1	19.9	14.7	5.18	3.835		
1,300.0	1,300.0	1,289.3	1,289.0	2.8	2.8	-152.73	-23.3	-12.0	26.2	20.6	5.59	4.693		
1,400.0	1,400.0	1,388.1	1,387.4	3.0	3.0	-155.46	-31.9	-14.6	35.2	29.2	6.01	5.863		
1,500.0	1,500.0	1,486.5	1,485.1	3.2	3.2	-6.04	-42.9	-17.8	45.5	39.1	6.40	7.115		
1,600.0	1,599.9	1,584.7	1,582.3	3.4	3.5	-7.90	-56.3	-21.8	55.9	49.1	6.78	8.244		
1,700.0	1,699.7	1,682.5	1,678.8	3.6	3.7	-9.63	-72.0	-26.5	66.2	59.0	7.16	9.247		
1,800.0	1,799.3	1,782.0	1,776.6	3.8	4.0	-11.30	-89.3	-31.7	75.4	67.9	7.55	9.985		
1,900.0	1,898.6	1,881.8	1,874.7	4.0	4.4	-13.00	-106.7	-36.9	82.2	74.2	7.96	10.325		
1,916.2	1,914.6	1,897.9	1,890.5	4.0	4.4	-13.29	-109.5	-37.7	83.0	75.0	8.02	10.348		
2,000.0	1,997.7	1,981.6	1,972.8	4.2	4.7	-14.74	-124.0	-42.0	87.3	78.9	8.38	10.415		
2,100.0	2,096.8	2,081.4	2,071.0	4.5	5.1	-16.29	-141.4	-47.2	92.5	83.7	8.83	10.481		
2,200.0	2,195.8	2,181.3	2,169.2	4.7	5.4	-17.67	-158.8	-52.4	97.8	88.5	9.28	10.536		
2,300.0	2,294.9	2,281.1	2,267.4	5.0	5.8	-18.91	-176.1	-57.6	103.1	93.3	9.74	10.581		
2,400.0	2,394.0	2,380.9	2,365.5	5.3	6.2	-20.03	-193.5	-62.7	108.4	98.2	10.21	10.616		
2,500.0	2,493.1	2,480.8	2,463.7	5.6	6.5	-21.05	-210.9	-67.9	113.8	103.1	10.69	10.643		
2,600.0	2,592.2	2,580.6	2,561.9	5.9	6.9	-21.97	-228.2	-73.1	119.2	108.1	11.18	10.664		
2,700.0	2,691.3	2,680.4	2,660.1	6.2	7.3	-22.81	-245.6	-78.3	124.7	113.0	11.68	10.678		
2,800.0	2,790.4	2,780.3	2,758.3	6.5	7.7	-23.59	-263.0	-83.4	130.2	118.0	12.18	10.688		
2,900.0	2,889.5	2,880.1	2,856.4	6.8	8.1	-24.30	-280.3	-88.6	135.6	123.0	12.69	10.693		
3,000.0	2,988.5	2,979.9	2,954.6	7.1	8.5	-24.95	-297.7	-93.8	141.2	128.0	13.20	10.695		
3,100.0	3,087.6	3,079.8	3,052.8	7.4	8.9	-25.56	-315.1	-99.0	146.7	133.0	13.72	10.694		
3,200.0	3,186.7	3,179.6	3,151.0	7.7	9.3	-26.12	-332.4	-104.1	152.2	138.0	14.24	10.691		
3,300.0	3,285.8	3,279.5	3,249.1	8.1	9.7	-26.64	-349.8	-109.3	157.8	143.0	14.77	10.686		
3,400.0	3,384.9	3,379.3	3,347.3	8.4	10.1	-27.12	-367.2	-114.5	163.4	148.1	15.30	10.679		
3,500.0	3,484.0	3,479.1	3,445.5	8.7	10.5	-27.58	-384.5	-119.7	168.9	153.1	15.83	10.671		
3,600.0	3,583.1	3,579.0	3,543.7	9.0	10.9	-28.00	-401.9	-124.9	174.5	158.2	16.37	10.661		
3,700.0	3,682.2	3,678.8	3,641.8	9.3	11.3	-28.40	-419.3	-130.0	180.1	163.2	16.91	10.651		
3,800.0	3,781.3	3,778.6	3,740.0	9.7	11.7	-28.78	-436.6	-135.2	185.8	168.3	17.46	10.641		
3,900.0	3,880.3	3,878.5	3,838.2	10.0	12.1	-29.13	-454.0	-140.4	191.4	173.4	18.00	10.630		
4,000.0	3,979.4	3,978.3	3,936.4	10.3	12.5	-29.46	-471.4	-145.6	197.0	178.4	18.55	10.618		
4,100.0	4,078.5	4,078.1	4,034.6	10.7	12.9	-29.77	-488.7	-150.7	202.6	183.5	19.10	10.606		
4,200.0	4,177.6	4,178.0	4,132.7	11.0	13.3	-30.07	-506.1	-155.9	208.3	188.6	19.66	10.594		
4,300.0	4,276.7	4,277.8	4,230.9	11.3	13.7	-30.35	-523.5	-161.1	213.9	193.7	20.21	10.582		
4,400.0	4,375.8	4,377.6	4,329.1	11.7	14.1	-30.62	-540.8	-166.3	219.5	198.8	20.77	10.570		
4,500.0	4,474.9	4,477.5	4,427.3	12.0	14.6	-30.87	-558.2	-171.4	225.2	203.9	21.33	10.558		
4,600.0	4,574.0	4,577.3	4,525.4	12.3	15.0	-31.11	-575.6	-176.6	230.8	209.0	21.89	10.546		
4,640.4	4,614.0	4,617.7	4,565.2	12.5	15.1	-31.21	-582.6	-178.7	233.1	211.0	22.12	10.541		
4,700.0	4,673.1	4,677.1	4,623.6	12.6	15.4	-31.31	-592.9	-181.8	237.0	214.6	22.43	10.567		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Connie 5N64W26EF Pad Sec.26-T5N-R64W - Connie 26F-302 - Wellbore #1 - Plan #1 Extension (3-4-1)													Offset Well Error:	0.0 ft
Survey Program: -10-MWD														
Reference				Offset			Semi Major Axis		Distance					
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,800.0	4,772.7	4,776.7	4,721.5	12.9	15.8	-31.15	-610.3	-187.0	246.0	223.1	22.89	10.746		
4,900.0	4,872.5	4,879.7	4,822.8	13.1	16.2	-30.64	-627.9	-192.2	257.6	234.3	23.27	11.067		
5,000.0	4,972.4	4,988.4	4,930.4	13.2	16.5	-29.97	-643.3	-196.8	269.3	245.7	23.58	11.418		
5,027.6	5,000.0	5,018.5	4,960.2	13.3	16.5	178.70	-646.8	-197.9	272.4	243.5	28.88	9.434		
5,100.0	5,072.4	5,097.8	5,039.1	13.4	16.7	179.23	-654.8	-200.2	279.7	250.4	29.22	9.572		
5,200.0	5,172.4	5,208.0	5,149.0	13.6	16.9	179.70	-662.4	-202.5	286.5	256.9	29.62	9.672		
5,300.0	5,272.4	5,318.6	5,259.5	13.7	17.1	179.91	-665.9	-203.6	289.7	259.8	29.98	9.665		
5,400.0	5,372.4	5,422.5	5,363.4	13.9	17.2	179.93	-666.2	-203.6	290.0	259.7	30.29	9.574		
5,500.0	5,472.4	5,522.5	5,463.4	14.0	17.4	179.93	-666.2	-203.6	290.0	259.4	30.58	9.482		
5,600.0	5,572.4	5,622.5	5,563.4	14.2	17.5	179.93	-666.2	-203.6	290.0	259.1	30.88	9.391		
5,700.0	5,672.4	5,722.5	5,663.4	14.4	17.6	179.93	-666.2	-203.6	290.0	258.8	31.18	9.300		
5,800.0	5,772.4	5,822.5	5,763.4	14.5	17.8	179.93	-666.2	-203.6	290.0	258.5	31.49	9.210		
5,829.2	5,801.6	5,851.7	5,792.6	14.6	17.8	179.93	-666.2	-203.6	290.0	258.4	31.57	9.184		
5,850.0	5,822.4	5,872.5	5,813.4	14.6	17.8	89.98	-666.2	-203.6	290.0	263.4	26.63	10.889		
5,852.7	5,825.1	5,875.2	5,816.1	14.6	17.8	90.00	-666.2	-203.6	290.0	263.3	26.64	10.885		
5,900.0	5,872.3	5,922.4	5,863.3	14.7	17.9	90.57	-666.2	-203.6	290.0	263.3	26.75	10.841		
5,950.0	5,921.9	5,972.4	5,913.3	14.7	18.0	91.64	-666.2	-202.8	290.1	263.3	26.81	10.821		
6,000.0	5,971.0	6,022.8	5,963.6	14.8	18.0	92.73	-666.2	-198.8	290.3	263.5	26.85	10.812		
6,050.0	6,019.4	6,073.6	6,013.8	14.8	18.1	93.80	-666.2	-191.4	290.6	263.8	26.88	10.813		
6,100.0	6,066.8	6,124.8	6,063.8	14.9	18.1	94.87	-666.2	-180.6	291.1	264.2	26.90	10.821		
6,150.0	6,113.1	6,176.4	6,113.4	14.9	18.1	95.91	-666.2	-166.3	291.6	264.6	26.92	10.831		
6,200.0	6,158.0	6,228.3	6,162.2	14.9	18.2	96.93	-666.2	-148.6	292.1	265.2	26.95	10.840		
6,250.0	6,201.5	6,280.7	6,210.1	14.9	18.2	97.92	-666.2	-127.5	292.8	265.8	27.01	10.841		
6,300.0	6,243.2	6,333.4	6,256.7	15.0	18.2	98.87	-666.2	-102.9	293.5	266.4	27.10	10.830		
6,350.0	6,283.0	6,386.5	6,301.9	15.0	18.2	99.78	-666.2	-75.0	294.3	267.1	27.25	10.799		
6,400.0	6,320.8	6,440.0	6,345.3	15.0	18.3	100.65	-666.2	-43.8	295.1	267.6	27.47	10.741		
6,450.0	6,356.3	6,493.8	6,386.6	15.0	18.3	101.47	-666.2	-9.3	295.9	268.1	27.79	10.650		
6,500.0	6,389.5	6,548.0	6,425.7	15.1	18.3	102.23	-666.2	28.2	296.8	268.6	28.21	10.518		
6,550.0	6,420.1	6,602.5	6,462.2	15.1	18.4	102.94	-666.2	68.6	297.6	268.8	28.77	10.343		
6,600.0	6,448.1	6,657.3	6,496.0	15.4	18.4	103.59	-666.2	111.7	298.4	268.9	29.48	10.120		
6,650.0	6,473.4	6,712.3	6,526.7	15.8	18.6	104.17	-666.2	157.5	299.1	268.8	30.36	9.854		
6,700.0	6,495.7	6,767.7	6,554.1	16.4	18.7	104.69	-666.2	205.5	299.8	268.4	31.40	9.549		
6,750.0	6,515.1	6,823.2	6,578.1	17.1	19.0	105.15	-666.2	255.6	300.4	267.8	32.61	9.213		
6,800.0	6,531.4	6,879.0	6,598.5	17.9	19.4	105.53	-666.2	307.5	301.0	267.0	33.99	8.855		
6,850.0	6,544.6	6,935.0	6,615.1	18.8	20.1	105.84	-666.2	360.9	301.4	265.9	35.53	8.484		
6,900.0	6,554.6	6,991.0	6,627.7	19.7	20.8	106.07	-666.2	415.5	301.8	264.6	37.22	8.109		
6,950.0	6,561.4	7,047.2	6,636.3	20.7	21.8	106.23	-666.2	471.0	302.0	263.0	39.03	7.738		
7,000.0	6,565.0	7,103.4	6,640.8	21.7	22.8	106.32	-666.2	527.1	302.2	261.2	40.96	7.377		
7,033.7	6,565.5	7,141.4	6,641.5	22.4	23.5	106.34	-666.2	565.0	302.2	259.9	42.32	7.141		
7,100.0	6,565.1	7,207.8	6,641.0	23.8	24.9	106.32	-666.2	631.4	302.2	257.1	45.08	6.702		
7,200.0	6,564.5	7,307.8	6,640.3	26.1	27.0	106.28	-666.2	731.4	302.1	252.7	49.45	6.109		
7,300.0	6,563.9	7,407.8	6,639.5	28.5	29.3	106.25	-666.2	831.4	302.1	248.1	54.01	5.593		
7,400.0	6,563.4	7,507.8	6,638.7	30.9	31.7	106.22	-666.2	931.4	302.0	243.3	58.72	5.144		
7,500.0	6,562.8	7,607.8	6,637.9	33.4	34.1	106.19	-666.2	1,031.4	302.0	238.4	63.54	4.752		
7,600.0	6,562.2	7,707.8	6,637.2	35.9	36.6	106.16	-666.2	1,131.4	301.9	233.5	68.45	4.410		
7,700.0	6,561.6	7,807.8	6,636.4	38.5	39.1	106.13	-666.2	1,231.4	301.9	228.4	73.44	4.110		
7,800.0	6,561.0	7,907.8	6,635.6	41.1	41.7	106.09	-666.2	1,331.4	301.8	223.3	78.49	3.845		
7,900.0	6,560.4	8,007.8	6,634.9	43.7	44.3	106.06	-666.2	1,431.4	301.8	218.2	83.59	3.610		
8,000.0	6,559.8	8,107.8	6,634.1	46.4	46.9	106.03	-666.2	1,531.4	301.7	213.0	88.73	3.401		
8,100.0	6,559.2	8,207.8	6,633.3	49.1	49.6	106.00	-666.2	1,631.4	301.7	207.8	93.90	3.213		
8,200.0	6,558.6	8,307.8	6,632.6	51.8	52.2	105.97	-666.2	1,731.4	301.6	202.5	99.10	3.044		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: -10-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,300.0	6,558.0	8,407.8	6,631.8	54.4	54.9	105.93	-666.2	1,831.4	301.6	197.2	104.33	2.891		
8,400.0	6,557.4	8,507.8	6,631.0	57.2	57.6	105.90	-666.2	1,931.4	301.5	191.9	109.58	2.752		
8,500.0	6,556.8	8,607.8	6,630.3	59.9	60.3	105.87	-666.2	2,031.4	301.5	186.6	114.85	2.625		
8,600.0	6,556.2	8,707.8	6,629.5	62.6	63.0	105.84	-666.2	2,131.4	301.4	181.3	120.13	2.509		
8,700.0	6,555.6	8,807.8	6,628.7	65.3	65.7	105.81	-666.2	2,231.4	301.4	176.0	125.43	2.403		
8,800.0	6,555.0	8,907.8	6,628.0	68.1	68.4	105.77	-666.2	2,331.4	301.3	170.6	130.75	2.305		
8,900.0	6,554.5	9,007.8	6,627.2	70.8	71.2	105.74	-666.2	2,431.4	301.3	165.2	136.07	2.214		
9,000.0	6,553.9	9,107.8	6,626.4	73.6	73.9	105.71	-666.2	2,531.4	301.2	159.8	141.41	2.130		
9,100.0	6,553.3	9,207.8	6,625.7	76.3	76.6	105.68	-666.2	2,631.4	301.2	154.4	146.76	2.052		
9,200.0	6,552.7	9,307.8	6,624.9	79.1	79.4	105.65	-666.2	2,731.3	301.2	149.0	152.11	1.980		
9,300.0	6,552.1	9,407.8	6,624.1	81.8	82.1	105.61	-666.2	2,831.3	301.1	143.6	157.47	1.912		
9,400.0	6,551.5	9,507.8	6,623.4	84.6	84.9	105.58	-666.2	2,931.3	301.1	138.2	162.84	1.849		
9,500.0	6,550.9	9,607.8	6,622.6	87.4	87.7	105.55	-666.2	3,031.3	301.0	132.8	168.22	1.789		
9,600.0	6,550.3	9,707.8	6,621.8	90.1	90.4	105.52	-666.2	3,131.3	301.0	127.4	173.60	1.734		
9,700.0	6,549.7	9,807.8	6,621.1	92.9	93.2	105.49	-666.2	3,231.3	300.9	121.9	178.99	1.681		
9,800.0	6,549.1	9,907.8	6,620.3	95.7	95.9	105.45	-666.2	3,331.3	300.9	116.5	184.39	1.632		
9,900.0	6,548.5	10,007.8	6,619.5	98.5	98.7	105.42	-666.2	3,431.3	300.8	111.0	189.79	1.585		
10,000.0	6,547.9	10,107.8	6,618.7	101.2	101.5	105.39	-666.2	3,531.3	300.8	105.6	195.19	1.541		
10,100.0	6,547.3	10,207.8	6,618.0	104.0	104.3	105.36	-666.2	3,631.3	300.7	100.1	200.60	1.499 Level 3		
10,200.0	6,546.7	10,307.8	6,617.2	106.8	107.0	105.33	-666.2	3,731.3	300.7	94.7	206.02	1.460 Level 3		
10,300.0	6,546.1	10,407.8	6,616.4	109.6	109.8	105.29	-666.2	3,831.3	300.6	89.2	211.44	1.422 Level 3		
10,400.0	6,545.5	10,507.8	6,615.7	112.4	112.6	105.26	-666.2	3,931.3	300.6	83.7	216.86	1.386 Level 3		
10,500.0	6,545.0	10,607.8	6,614.9	115.1	115.4	105.23	-666.2	4,031.3	300.5	78.3	222.28	1.352 Level 3		
10,600.0	6,544.4	10,707.8	6,614.1	117.9	118.2	105.20	-666.2	4,131.3	300.5	72.8	227.71	1.320 Level 3		
10,700.0	6,543.8	10,807.8	6,613.4	120.7	120.9	105.17	-666.2	4,231.3	300.5	67.3	233.15	1.289 Level 3		
10,800.0	6,543.2	10,907.8	6,612.6	123.5	123.7	105.13	-666.2	4,331.3	300.4	61.8	238.58	1.259 Level 3		
10,900.0	6,542.6	11,007.8	6,611.8	126.3	126.5	105.10	-666.2	4,431.3	300.4	56.3	244.02	1.231 Level 2		
11,000.0	6,542.0	11,107.8	6,611.1	129.1	129.3	105.07	-666.2	4,531.3	300.3	50.9	249.46	1.204 Level 2		
11,100.0	6,541.4	11,207.8	6,610.3	131.9	132.1	105.04	-666.2	4,631.3	300.3	45.4	254.91	1.178 Level 2		
11,200.0	6,540.8	11,307.8	6,609.5	134.7	134.9	105.01	-666.2	4,731.3	300.2	39.9	260.36	1.153 Level 2		
11,300.0	6,540.2	11,407.8	6,608.8	137.5	137.7	104.97	-666.2	4,831.3	300.2	34.4	265.81	1.129 Level 2		
11,400.0	6,539.6	11,507.8	6,608.0	140.3	140.4	104.94	-666.2	4,931.3	300.1	28.9	271.26	1.106 Level 2		
11,500.0	6,539.0	11,607.8	6,607.2	143.1	143.2	104.91	-666.2	5,031.3	300.1	23.4	276.72	1.084 Level 2		
11,600.0	6,538.4	11,707.8	6,606.5	145.8	146.0	104.88	-666.2	5,131.3	300.0	17.9	282.18	1.063 Level 2		
11,700.0	6,537.8	11,807.8	6,605.7	148.6	148.8	104.84	-666.2	5,231.3	300.0	12.4	287.64	1.043 Level 2		
11,800.0	6,537.2	11,907.8	6,604.9	151.4	151.6	104.81	-666.2	5,331.3	300.0	6.9	293.10	1.023 Level 2		
11,900.0	6,536.7	12,007.8	6,604.2	154.2	154.4	104.78	-666.2	5,431.3	299.9	1.3	298.57	1.005 Level 2		
12,000.0	6,536.1	12,107.8	6,603.4	157.0	157.2	104.75	-666.2	5,531.3	299.9	-4.2	304.04	0.986 Level 1		
12,100.0	6,535.5	12,207.8	6,602.6	159.8	160.0	104.72	-666.2	5,631.3	299.8	-9.7	309.51	0.969 Level 1		
12,200.0	6,534.9	12,307.8	6,601.9	162.6	162.8	104.68	-666.2	5,731.3	299.8	-15.2	314.98	0.952 Level 1		
12,300.0	6,534.3	12,407.8	6,601.1	165.4	165.6	104.65	-666.2	5,831.3	299.7	-20.7	320.46	0.935 Level 1		
12,400.0	6,533.7	12,507.8	6,600.3	168.2	168.4	104.62	-666.2	5,931.2	299.7	-26.2	325.93	0.919 Level 1		
12,500.0	6,533.1	12,607.8	6,599.5	171.0	171.2	104.59	-666.2	6,031.2	299.6	-31.8	331.41	0.904 Level 1		
12,600.0	6,532.5	12,707.8	6,598.8	173.8	174.0	104.55	-666.2	6,131.2	299.6	-37.3	336.89	0.889 Level 1		
12,700.0	6,531.9	12,807.8	6,598.0	176.6	176.8	104.52	-666.2	6,231.2	299.6	-42.8	342.38	0.875 Level 1		
12,800.0	6,531.3	12,907.8	6,597.2	179.4	179.6	104.49	-666.2	6,331.2	299.5	-48.3	347.86	0.861 Level 1		
12,900.0	6,530.7	13,007.8	6,596.5	182.2	182.4	104.46	-666.2	6,431.2	299.5	-53.9	353.35	0.848 Level 1		
13,000.0	6,530.1	13,107.8	6,595.7	185.0	185.2	104.42	-666.2	6,531.2	299.4	-59.4	358.84	0.834 Level 1		
13,100.0	6,529.5	13,207.8	6,594.9	187.8	188.0	104.39	-666.2	6,631.2	299.4	-64.9	364.33	0.822 Level 1		
13,200.0	6,528.9	13,307.8	6,594.2	190.6	190.8	104.36	-666.2	6,731.2	299.3	-70.5	369.82	0.809 Level 1		
13,300.0	6,528.3	13,407.8	6,593.4	193.4	193.6	104.33	-666.2	6,831.2	299.3	-76.0	375.32	0.797 Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:		0.0 ft
Survey Program: -10-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
13,400.0	6,527.7	13,507.8	6,592.6	196.2	196.4	104.29	-666.2	6,931.2	299.3	-81.6	380.81	0.786	Level 1		
13,500.0	6,527.2	13,607.8	6,591.9	199.0	199.2	104.26	-666.2	7,031.2	299.2	-87.1	386.31	0.775	Level 1		
13,600.0	6,526.6	13,707.8	6,591.1	201.8	202.0	104.23	-666.2	7,131.2	299.2	-92.6	391.81	0.764	Level 1		
13,700.0	6,526.0	13,807.8	6,590.3	204.6	204.8	104.20	-666.2	7,231.2	299.1	-98.2	397.31	0.753	Level 1		
13,800.0	6,525.4	13,907.8	6,589.6	207.4	207.6	104.17	-666.2	7,331.2	299.1	-103.7	402.82	0.742	Level 1		
13,900.0	6,524.8	14,007.8	6,588.8	210.2	210.4	104.13	-666.2	7,431.2	299.0	-109.3	408.32	0.732	Level 1		
14,000.0	6,524.2	14,107.8	6,588.0	213.0	213.2	104.10	-666.2	7,531.2	299.0	-114.8	413.83	0.723	Level 1		
14,100.0	6,523.6	14,207.8	6,587.3	215.8	216.0	104.07	-666.2	7,631.2	299.0	-120.4	419.34	0.713	Level 1		
14,200.0	6,523.0	14,307.8	6,586.5	218.7	218.8	104.04	-666.2	7,731.2	298.9	-125.9	424.85	0.704	Level 1		
14,300.0	6,522.4	14,407.8	6,585.7	221.5	221.6	104.00	-666.2	7,831.2	298.9	-131.5	430.36	0.694	Level 1		
14,400.0	6,521.8	14,507.8	6,585.0	224.3	224.4	103.97	-666.2	7,931.2	298.8	-137.0	435.87	0.686	Level 1		
14,500.0	6,521.2	14,607.8	6,584.2	227.1	227.2	103.94	-666.2	8,031.2	298.8	-142.6	441.38	0.677	Level 1		
14,600.0	6,520.6	14,707.8	6,583.4	229.9	230.0	103.91	-666.2	8,131.2	298.7	-148.2	446.90	0.668	Level 1		
14,700.0	6,520.0	14,807.8	6,582.7	232.7	232.8	103.87	-666.2	8,231.2	298.7	-153.7	452.42	0.660	Level 1		
14,800.0	6,519.4	14,907.8	6,581.9	235.5	235.6	103.84	-666.2	8,331.2	298.7	-159.3	457.94	0.652	Level 1		
14,900.0	6,518.8	15,007.8	6,581.1	238.3	238.4	103.81	-666.2	8,431.2	298.6	-164.8	463.46	0.644	Level 1		
15,000.0	6,518.3	15,107.8	6,580.4	241.1	241.2	103.78	-666.2	8,531.2	298.6	-170.4	468.98	0.637	Level 1		
15,100.0	6,517.7	15,207.8	6,579.6	243.9	244.0	103.74	-666.2	8,631.2	298.5	-176.0	474.51	0.629	Level 1		
15,200.0	6,517.1	15,307.8	6,578.8	246.7	246.8	103.71	-666.2	8,731.2	298.5	-181.5	480.03	0.622	Level 1		
15,300.0	6,516.5	15,407.8	6,578.0	249.5	249.6	103.68	-666.2	8,831.2	298.5	-187.1	485.56	0.615	Level 1		
15,400.0	6,515.9	15,507.8	6,577.3	252.3	252.4	103.65	-666.2	8,931.2	298.4	-192.7	491.09	0.608	Level 1		
15,500.0	6,515.3	15,607.8	6,576.5	255.1	255.2	103.61	-666.2	9,031.2	298.4	-198.2	496.62	0.601	Level 1		
15,600.0	6,514.7	15,707.8	6,575.7	257.9	258.0	103.58	-666.2	9,131.2	298.3	-203.8	502.15	0.594	Level 1		
15,700.0	6,514.1	15,807.8	6,575.0	260.7	260.8	103.55	-666.2	9,231.1	298.3	-209.4	507.68	0.588	Level 1		
15,800.0	6,513.5	15,907.8	6,574.2	263.5	263.6	103.52	-666.2	9,331.1	298.3	-215.0	513.22	0.581	Level 1		
15,900.0	6,512.9	16,007.8	6,573.4	266.3	266.4	103.48	-666.2	9,431.1	298.2	-220.5	518.75	0.575	Level 1		
16,000.0	6,512.3	16,107.8	6,572.7	269.1	269.2	103.45	-666.2	9,531.1	298.2	-226.1	524.29	0.569	Level 1		
16,100.0	6,511.7	16,207.8	6,571.9	271.9	272.0	103.42	-666.2	9,631.1	298.1	-231.7	529.83	0.563	Level 1		
16,200.0	6,511.1	16,307.8	6,571.1	274.7	274.8	103.38	-666.2	9,731.1	298.1	-237.3	535.37	0.557	Level 1		
16,217.8	6,511.0	16,325.5	6,571.0	275.2	275.3	103.38	-666.2	9,748.9	298.1	-238.3	536.35	0.556	Level 1		
16,222.6	6,511.0	16,325.5	6,571.0	275.4	275.3	103.38	-666.2	9,748.9	298.1	-238.4	536.48	0.556	Level 1, ES, SF		

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	1.0	1.0	0.0	0.0	-144.71	-24.4	-17.3	29.9	29.9	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-144.71	-24.4	-17.3	29.9	29.7	0.23	131.724		
200.0	200.0	201.0	201.0	0.3	0.3	-144.71	-24.4	-17.3	29.9	29.2	0.68	44.200		
300.0	300.0	301.0	301.0	0.6	0.6	-144.71	-24.4	-17.3	29.9	28.8	1.13	26.555		
400.0	400.0	401.0	401.0	0.8	0.8	-144.71	-24.4	-17.3	29.9	28.3	1.58	18.979		
500.0	500.0	501.0	501.0	1.0	1.0	-144.71	-24.4	-17.3	29.9	27.9	2.03	14.766		
600.0	600.0	601.0	601.0	1.2	1.2	-144.71	-24.4	-17.3	29.9	27.4	2.47	12.084		
700.0	700.0	701.0	701.0	1.5	1.5	-144.71	-24.4	-17.3	29.9	27.0	2.92	10.226		
766.3	766.3	767.3	767.3	1.6	1.6	-144.71	-24.4	-17.3	29.9	26.7	3.22	9.280 CC		
800.0	800.0	801.0	801.0	1.7	1.7	-144.71	-24.4	-17.3	29.9	26.5	3.37	8.864 ES		
900.0	900.0	900.0	900.0	1.9	1.9	-145.70	-25.7	-17.5	31.1	27.3	3.79	8.203		
1,000.0	1,000.0	999.4	999.3	2.1	2.1	-148.24	-29.5	-18.3	34.8	30.6	4.20	8.281		
1,100.0	1,100.0	1,098.3	1,098.0	2.4	2.2	-151.44	-35.8	-19.5	40.9	36.3	4.61	8.875		
1,200.0	1,200.0	1,196.7	1,196.0	2.6	2.5	-154.56	-44.6	-21.2	49.7	44.6	5.03	9.870		
1,300.0	1,300.0	1,294.7	1,293.3	2.8	2.7	-157.24	-55.8	-23.4	61.0	55.5	5.46	11.172		
1,400.0	1,400.0	1,392.0	1,389.6	3.0	2.9	-159.41	-69.3	-26.1	74.9	69.0	5.90	12.706		
1,500.0	1,500.0	1,488.7	1,485.0	3.2	3.2	-9.67	-85.2	-29.1	90.2	83.9	6.30	14.322		
1,600.0	1,599.9	1,585.0	1,579.5	3.4	3.6	-11.35	-103.3	-32.7	105.4	98.7	6.68	15.768		
1,700.0	1,699.7	1,682.1	1,674.3	3.6	3.9	-12.96	-123.9	-36.7	120.7	113.6	7.09	17.031		
1,800.0	1,799.3	1,779.9	1,769.4	3.8	4.3	-14.51	-145.9	-41.0	134.8	127.3	7.50	17.976		
1,900.0	1,898.6	1,879.1	1,866.0	4.0	4.7	-16.05	-168.2	-45.4	146.5	138.6	7.92	18.500		
1,916.2	1,914.6	1,895.2	1,881.7	4.0	4.8	-16.31	-171.8	-46.1	148.2	140.2	7.99	18.547		
2,000.0	1,997.7	1,978.5	1,962.8	4.2	5.2	-17.59	-190.5	-49.7	156.7	148.3	8.37	18.729		
2,100.0	2,096.8	2,077.9	2,059.6	4.5	5.6	-18.94	-212.8	-54.1	166.9	158.1	8.82	18.915		
2,200.0	2,195.8	2,177.3	2,156.3	4.7	6.0	-20.14	-235.2	-58.5	177.3	168.0	9.30	19.069		
2,300.0	2,294.9	2,276.7	2,253.1	5.0	6.5	-21.21	-257.5	-62.8	187.7	177.9	9.78	19.196		
2,400.0	2,394.0	2,376.1	2,349.9	5.3	7.0	-22.16	-279.8	-67.2	198.1	187.9	10.26	19.300		
2,500.0	2,493.1	2,475.5	2,446.6	5.6	7.4	-23.02	-302.2	-71.5	208.6	197.9	10.76	19.385		
2,600.0	2,592.2	2,574.9	2,543.4	5.9	7.9	-23.80	-324.5	-75.9	219.2	207.9	11.27	19.452		
2,700.0	2,691.3	2,674.3	2,640.1	6.2	8.4	-24.50	-346.8	-80.3	229.8	218.0	11.78	19.506		
2,800.0	2,790.4	2,773.7	2,736.9	6.5	8.8	-25.14	-369.1	-84.6	240.4	228.1	12.30	19.547		
2,900.0	2,889.5	2,873.1	2,833.7	6.8	9.3	-25.73	-391.5	-89.0	251.0	238.2	12.82	19.579		
3,000.0	2,988.5	2,972.5	2,930.4	7.1	9.8	-26.27	-413.8	-93.4	261.7	248.3	13.35	19.603		
3,100.0	3,087.6	3,071.9	3,027.2	7.4	10.3	-26.77	-436.1	-97.7	272.4	258.5	13.88	19.619		
3,200.0	3,186.7	3,171.3	3,123.9	7.7	10.7	-27.23	-458.5	-102.1	283.1	268.7	14.42	19.630		
3,300.0	3,285.8	3,270.7	3,220.7	8.1	11.2	-27.66	-480.8	-106.5	293.8	278.8	14.96	19.636		
3,400.0	3,384.9	3,370.1	3,317.5	8.4	11.7	-28.05	-503.1	-110.8	304.6	289.0	15.51	19.638		
3,500.0	3,484.0	3,469.5	3,414.2	8.7	12.2	-28.42	-525.4	-115.2	315.3	299.2	16.06	19.637		
3,600.0	3,583.1	3,568.9	3,511.0	9.0	12.7	-28.77	-547.8	-119.5	326.1	309.5	16.61	19.633		
3,700.0	3,682.2	3,668.3	3,607.8	9.3	13.1	-29.09	-570.1	-123.9	336.8	319.7	17.16	19.627		
3,800.0	3,781.3	3,767.7	3,704.5	9.7	13.6	-29.39	-592.4	-128.3	347.6	329.9	17.72	19.619		
3,900.0	3,880.3	3,867.1	3,801.3	10.0	14.1	-29.68	-614.8	-132.6	358.4	340.2	18.28	19.610		
4,000.0	3,979.4	3,966.5	3,898.0	10.3	14.6	-29.95	-637.1	-137.0	369.2	350.4	18.84	19.599		
4,100.0	4,078.5	4,065.9	3,994.8	10.7	15.1	-30.20	-659.4	-141.4	380.0	360.6	19.40	19.587		
4,200.0	4,177.6	4,165.3	4,091.6	11.0	15.6	-30.44	-681.7	-145.7	390.9	370.9	19.97	19.574		
4,300.0	4,276.7	4,264.7	4,188.3	11.3	16.0	-30.67	-704.1	-150.1	401.7	381.2	20.54	19.561		
4,400.0	4,375.8	4,364.1	4,285.1	11.7	16.5	-30.88	-726.4	-154.5	412.5	391.4	21.10	19.547		
4,500.0	4,474.9	4,463.5	4,381.8	12.0	17.0	-31.08	-748.7	-158.8	423.4	401.7	21.67	19.533		
4,600.0	4,574.0	4,562.9	4,478.6	12.3	17.5	-31.28	-771.1	-163.2	434.2	412.0	22.24	19.519		
4,640.4	4,614.0	4,603.1	4,517.7	12.5	17.7	-31.35	-780.1	-164.9	438.6	416.1	22.48	19.513		
4,700.0	4,673.1	4,662.2	4,575.3	12.6	18.0	-31.49	-793.4	-167.5	445.6	422.8	22.79	19.547		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Connie 5N64W26EF Pad Sec.26-T5N-R64W - Connie 26F-402 - Wellbore #1 - Plan #1 Extension (3-4-1)											Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Minimum	Separation			
Depth	Depth	Depth	Depth			Toolface	+N/-S	+E/-W	Centres	Ellipses	Separation	Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)				
4,800.0	4,772.7	4,761.2	4,671.7	12.9	18.5	-31.56	-815.6	-171.9	459.6	436.4	23.27	19.755			
4,900.0	4,872.5	4,859.7	4,767.6	13.1	19.0	-31.45	-837.7	-176.2	476.7	453.0	23.69	20.124			
5,000.0	4,972.4	4,957.6	4,862.9	13.2	19.4	-31.18	-859.7	-180.5	496.6	472.6	24.05	20.649			
5,027.6	5,000.0	4,984.5	4,889.0	13.3	19.6	177.39	-865.8	-181.7	502.7	470.8	31.91	15.753			
5,100.0	5,072.4	5,055.0	4,957.7	13.4	19.9	177.82	-881.6	-184.8	518.8	486.4	32.41	16.009			
5,200.0	5,172.4	5,154.3	5,054.3	13.6	20.4	178.39	-903.9	-189.1	541.1	508.1	33.09	16.355			
5,300.0	5,272.4	5,274.8	5,172.3	13.7	20.8	178.95	-928.1	-193.9	561.2	527.5	33.71	16.648			
5,400.0	5,372.4	5,397.3	5,293.1	13.9	21.1	179.37	-947.7	-197.7	577.2	542.9	34.25	16.853			
5,500.0	5,472.4	5,521.3	5,416.2	14.0	21.4	179.67	-962.4	-200.6	589.0	554.3	34.72	16.964			
5,600.0	5,572.4	5,646.4	5,540.9	14.2	21.7	179.85	-971.9	-202.4	596.6	561.4	35.13	16.981			
5,700.0	5,672.4	5,772.1	5,666.5	14.4	21.8	179.93	-976.0	-203.2	599.9	564.4	35.49	16.902			
5,800.0	5,772.4	5,879.0	5,773.4	14.5	22.0	179.93	-976.2	-203.3	600.0	564.2	35.79	16.764			
5,829.2	5,801.6	5,908.2	5,802.6	14.6	22.0	179.93	-976.2	-203.3	600.0	564.1	35.88	16.725			
5,850.0	5,822.4	5,929.0	5,823.4	14.6	22.0	89.96	-976.2	-203.3	600.0	572.6	27.41	21.887			
5,862.5	5,834.9	5,941.5	5,835.9	14.6	22.0	90.00	-976.2	-203.3	600.0	572.6	27.45	21.859			
5,900.0	5,872.3	5,978.9	5,873.3	14.7	22.1	90.24	-976.2	-203.3	600.0	572.5	27.54	21.784			
5,950.0	5,921.9	6,028.5	5,922.9	14.7	22.1	90.83	-976.2	-203.3	600.1	572.4	27.63	21.718			
6,000.0	5,971.0	6,077.9	5,972.3	14.8	22.2	91.70	-976.2	-203.1	600.3	572.6	27.68	21.689			
6,050.0	6,019.4	6,128.4	6,022.8	14.8	22.2	92.64	-976.2	-200.5	600.7	573.0	27.71	21.680			
6,100.0	6,066.8	6,179.6	6,073.6	14.9	22.3	93.58	-976.2	-194.4	601.2	573.5	27.73	21.683			
6,150.0	6,113.1	6,231.6	6,124.6	14.9	22.3	94.51	-976.2	-184.8	602.0	574.2	27.75	21.692			
6,200.0	6,158.0	6,284.3	6,175.6	14.9	22.3	95.43	-976.2	-171.5	602.8	575.0	27.78	21.702			
6,250.0	6,201.5	6,337.8	6,226.3	14.9	22.4	96.33	-976.2	-154.4	603.8	576.0	27.82	21.701			
6,300.0	6,243.2	6,392.0	6,276.4	15.0	22.4	97.20	-976.2	-133.6	605.0	577.0	27.90	21.681			
6,350.0	6,283.0	6,447.1	6,325.5	15.0	22.4	98.05	-976.2	-108.8	606.2	578.1	28.03	21.628			
6,400.0	6,320.8	6,502.9	6,373.5	15.0	22.4	98.86	-976.2	-80.1	607.5	579.3	28.22	21.529			
6,450.0	6,356.3	6,559.6	6,419.8	15.0	22.5	99.64	-976.2	-47.6	608.8	580.3	28.49	21.368			
6,500.0	6,389.5	6,617.0	6,464.2	15.1	22.5	100.38	-976.2	-11.1	610.2	581.3	28.88	21.130			
6,550.0	6,420.1	6,675.3	6,506.2	15.1	22.5	101.06	-976.2	29.1	611.6	582.2	29.37	20.825			
6,600.0	6,448.1	6,734.2	6,545.6	15.4	22.6	101.70	-976.2	73.0	613.0	582.9	30.03	20.410			
6,650.0	6,473.4	6,793.8	6,581.8	15.8	22.7	102.28	-976.2	120.3	614.3	583.4	30.85	19.910			
6,700.0	6,495.7	6,854.1	6,614.6	16.4	22.8	102.80	-976.2	170.9	615.5	583.6	31.85	19.323			
6,750.0	6,515.1	6,915.0	6,643.6	17.1	22.9	103.26	-976.2	224.5	616.6	583.5	33.05	18.658			
6,800.0	6,531.4	6,976.4	6,668.3	17.9	23.2	103.65	-976.2	280.6	617.5	583.1	34.43	17.938			
6,850.0	6,544.6	7,038.3	6,688.7	18.8	23.5	103.96	-976.2	339.0	618.3	582.4	35.99	17.183			
6,900.0	6,554.6	7,100.5	6,704.3	19.7	23.9	104.21	-976.2	399.3	619.0	581.3	37.71	16.413			
6,950.0	6,561.4	7,163.0	6,715.0	20.7	24.6	104.37	-976.2	460.8	619.4	579.8	39.60	15.640			
7,000.0	6,565.0	7,225.6	6,720.6	21.7	25.3	104.46	-976.2	523.2	619.7	578.0	41.62	14.889			
7,033.7	6,565.5	7,267.5	6,721.5	22.4	25.9	104.48	-976.2	565.0	619.7	576.7	43.03	14.403			
7,100.0	6,565.1	7,333.8	6,721.3	23.8	27.0	104.50	-976.2	631.3	619.7	574.0	45.79	13.535			
7,200.0	6,564.5	7,433.8	6,720.9	26.1	28.8	104.52	-976.2	731.3	619.8	569.7	50.14	12.362			
7,300.0	6,563.9	7,533.8	6,720.6	28.5	30.9	104.54	-976.2	831.3	619.9	565.2	54.69	11.335			
7,400.0	6,563.4	7,633.8	6,720.3	30.9	33.1	104.57	-976.2	931.3	619.9	560.6	59.38	10.440			
7,500.0	6,562.8	7,733.8	6,720.0	33.4	35.4	104.59	-976.2	1,031.3	620.0	555.8	64.20	9.657			
7,600.0	6,562.2	7,833.8	6,719.6	35.9	37.8	104.61	-976.2	1,131.3	620.1	551.0	69.11	8.972			
7,700.0	6,561.6	7,933.8	6,719.3	38.5	40.2	104.64	-976.2	1,231.3	620.1	546.0	74.09	8.370			
7,800.0	6,561.0	8,033.8	6,719.0	41.1	42.7	104.66	-976.2	1,331.3	620.2	541.1	79.14	7.837			
7,900.0	6,560.4	8,133.8	6,718.6	43.7	45.2	104.68	-976.2	1,431.3	620.3	536.0	84.23	7.364			
8,000.0	6,559.8	8,233.8	6,718.3	46.4	47.8	104.71	-976.2	1,531.3	620.3	531.0	89.36	6.942			
8,100.0	6,559.2	8,333.8	6,718.0	49.1	50.4	104.73	-976.2	1,631.3	620.4	525.9	94.53	6.563			
8,200.0	6,558.6	8,433.8	6,717.6	51.8	53.0	104.75	-976.2	1,731.3	620.5	520.7	99.73	6.222			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,300.0	6,558.0	8,533.7	6,717.3	54.4	55.6	104.78	-976.2	1,831.3	620.5	515.6	104.94	5.913		
8,400.0	6,557.4	8,633.7	6,717.0	57.2	58.3	104.80	-976.2	1,931.3	620.6	510.4	110.18	5.632		
8,500.0	6,556.8	8,733.7	6,716.6	59.9	61.0	104.82	-976.2	2,031.3	620.7	505.2	115.44	5.377		
8,600.0	6,556.2	8,833.7	6,716.3	62.6	63.6	104.85	-976.2	2,131.3	620.7	500.0	120.71	5.142		
8,700.0	6,555.6	8,933.7	6,716.0	65.3	66.3	104.87	-976.2	2,231.3	620.8	494.8	126.00	4.927		
8,800.0	6,555.0	9,033.7	6,715.6	68.1	69.0	104.89	-976.2	2,331.3	620.9	489.6	131.29	4.729		
8,900.0	6,554.5	9,133.7	6,715.3	70.8	71.7	104.92	-976.2	2,431.3	620.9	484.3	136.60	4.546		
9,000.0	6,553.9	9,233.7	6,715.0	73.6	74.5	104.94	-976.2	2,531.3	621.0	479.1	141.91	4.376		
9,100.0	6,553.3	9,333.7	6,714.6	76.3	77.2	104.96	-976.2	2,631.3	621.1	473.8	147.23	4.218		
9,200.0	6,552.7	9,433.7	6,714.3	79.1	79.9	104.99	-976.2	2,731.3	621.1	468.6	152.56	4.071		
9,300.0	6,552.1	9,533.7	6,714.0	81.8	82.6	105.01	-976.2	2,831.3	621.2	463.3	157.90	3.934		
9,400.0	6,551.5	9,633.7	6,713.7	84.6	85.4	105.03	-976.2	2,931.3	621.3	458.0	163.23	3.806		
9,500.0	6,550.9	9,733.7	6,713.3	87.4	88.1	105.06	-976.2	3,031.3	621.3	452.8	168.58	3.686		
9,600.0	6,550.3	9,833.7	6,713.0	90.1	90.9	105.08	-976.2	3,131.3	621.4	447.5	173.93	3.573		
9,700.0	6,549.7	9,933.7	6,712.7	92.9	93.6	105.10	-976.2	3,231.3	621.5	442.2	179.28	3.467		
9,800.0	6,549.1	10,033.7	6,712.3	95.7	96.4	105.13	-976.2	3,331.3	621.6	436.9	184.63	3.366		
9,900.0	6,548.5	10,133.7	6,712.0	98.5	99.1	105.15	-976.2	3,431.3	621.6	431.6	189.99	3.272		
10,000.0	6,547.9	10,233.7	6,711.7	101.2	101.9	105.17	-976.2	3,531.3	621.7	426.3	195.35	3.182		
10,100.0	6,547.3	10,333.7	6,711.3	104.0	104.7	105.20	-976.2	3,631.2	621.8	421.0	200.71	3.098		
10,200.0	6,546.7	10,433.7	6,711.0	106.8	107.4	105.22	-976.2	3,731.2	621.8	415.8	206.07	3.017		
10,300.0	6,546.1	10,533.7	6,710.7	109.6	110.2	105.24	-976.2	3,831.2	621.9	410.5	211.44	2.941		
10,400.0	6,545.6	10,633.7	6,710.3	112.4	113.0	105.27	-976.2	3,931.2	622.0	405.2	216.81	2.869		
10,500.0	6,545.0	10,733.7	6,710.0	115.1	115.7	105.29	-976.2	4,031.2	622.0	399.9	222.17	2.800		
10,600.0	6,544.4	10,833.7	6,709.7	117.9	118.5	105.31	-976.2	4,131.2	622.1	394.6	227.54	2.734		
10,700.0	6,543.8	10,933.7	6,709.3	120.7	121.3	105.34	-976.2	4,231.2	622.2	389.3	232.91	2.671		
10,800.0	6,543.2	11,033.7	6,709.0	123.5	124.1	105.36	-976.2	4,331.2	622.2	384.0	238.28	2.611		
10,900.0	6,542.6	11,133.7	6,708.7	126.3	126.8	105.38	-976.2	4,431.2	622.3	378.7	243.66	2.554		
11,000.0	6,542.0	11,233.7	6,708.3	129.1	129.6	105.41	-976.2	4,531.2	622.4	373.4	249.03	2.499		
11,100.0	6,541.4	11,333.7	6,708.0	131.9	132.4	105.43	-976.2	4,631.2	622.4	368.0	254.40	2.447		
11,200.0	6,540.8	11,433.7	6,707.7	134.7	135.2	105.45	-976.2	4,731.2	622.5	362.7	259.77	2.396		
11,300.0	6,540.2	11,533.7	6,707.3	137.5	138.0	105.48	-976.2	4,831.2	622.6	357.4	265.15	2.348		
11,400.0	6,539.6	11,633.7	6,707.0	140.3	140.8	105.50	-976.2	4,931.2	622.7	352.1	270.52	2.302		
11,500.0	6,539.0	11,733.7	6,706.7	143.1	143.5	105.52	-976.2	5,031.2	622.7	346.8	275.89	2.257		
11,600.0	6,538.4	11,833.7	6,706.4	145.8	146.3	105.55	-976.2	5,131.2	622.8	341.5	281.27	2.214		
11,700.0	6,537.8	11,933.7	6,706.0	148.6	149.1	105.57	-976.2	5,231.2	622.9	336.2	286.64	2.173		
11,800.0	6,537.2	12,033.7	6,705.7	151.4	151.9	105.59	-976.2	5,331.2	622.9	330.9	292.01	2.133		
11,900.0	6,536.7	12,133.7	6,705.4	154.2	154.7	105.62	-976.2	5,431.2	623.0	325.6	297.39	2.095		
12,000.0	6,536.1	12,233.7	6,705.0	157.0	157.5	105.64	-976.2	5,531.2	623.1	320.3	302.76	2.058		
12,100.0	6,535.5	12,333.7	6,704.7	159.8	160.3	105.66	-976.2	5,631.2	623.2	315.0	308.13	2.022		
12,200.0	6,534.9	12,433.7	6,704.4	162.6	163.1	105.69	-976.2	5,731.2	623.2	309.7	313.50	1.988		
12,300.0	6,534.3	12,533.7	6,704.0	165.4	165.9	105.71	-976.2	5,831.2	623.3	304.4	318.88	1.955		
12,400.0	6,533.7	12,633.7	6,703.7	168.2	168.6	105.73	-976.2	5,931.2	623.4	299.1	324.25	1.923		
12,500.0	6,533.1	12,733.7	6,703.4	171.0	171.4	105.76	-976.2	6,031.2	623.4	293.8	329.62	1.891		
12,600.0	6,532.5	12,833.7	6,703.0	173.8	174.2	105.78	-976.2	6,131.2	623.5	288.5	334.99	1.861		
12,700.0	6,531.9	12,933.7	6,702.7	176.6	177.0	105.80	-976.2	6,231.2	623.6	283.2	340.36	1.832		
12,800.0	6,531.3	13,033.7	6,702.4	179.4	179.8	105.82	-976.2	6,331.2	623.6	277.9	345.73	1.804		
12,900.0	6,530.7	13,133.7	6,702.0	182.2	182.6	105.85	-976.2	6,431.2	623.7	272.6	351.10	1.776		
13,000.0	6,530.1	13,233.7	6,701.7	185.0	185.4	105.87	-976.2	6,531.2	623.8	267.3	356.46	1.750		
13,100.0	6,529.5	13,333.7	6,701.4	187.8	188.2	105.89	-976.2	6,631.2	623.9	262.0	361.83	1.724		
13,200.0	6,528.9	13,433.7	6,701.0	190.6	191.0	105.92	-976.2	6,731.2	623.9	256.7	367.20	1.699		
13,300.0	6,528.3	13,533.7	6,700.7	193.4	193.8	105.94	-976.2	6,831.2	624.0	251.4	372.56	1.675		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Connie 5N64W26EF Pad Sec.26-T5N-R64W - Connie 26F-402 - Wellbore #1 - Plan #1 Extension (3-4-1)										Offset Site Error:		0.0 ft
Survey Program: 0-MWD												Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
13,400.0	6,527.7	13,633.7	6,700.4	196.2	196.6	105.96	-976.2	6,931.2	624.1	246.2	377.93	1.651		
13,500.0	6,527.2	13,733.7	6,700.1	199.0	199.4	105.99	-976.2	7,031.2	624.2	240.9	383.29	1.628		
13,600.0	6,526.6	13,833.7	6,699.7	201.8	202.2	106.01	-976.2	7,131.2	624.2	235.6	388.66	1.606		
13,700.0	6,526.0	13,933.7	6,699.4	204.6	205.0	106.03	-976.2	7,231.2	624.3	230.3	394.02	1.584		
13,800.0	6,525.4	14,033.7	6,699.1	207.4	207.8	106.06	-976.2	7,331.2	624.4	225.0	399.38	1.563		
13,900.0	6,524.8	14,133.7	6,698.7	210.2	210.6	106.08	-976.2	7,431.2	624.4	219.7	404.74	1.543		
14,000.0	6,524.2	14,233.7	6,698.4	213.0	213.4	106.10	-976.2	7,531.2	624.5	214.4	410.10	1.523		
14,100.0	6,523.6	14,333.7	6,698.1	215.8	216.2	106.13	-976.2	7,631.2	624.6	209.1	415.46	1.503		
14,200.0	6,523.0	14,433.7	6,697.7	218.7	219.0	106.15	-976.2	7,731.2	624.7	203.8	420.82	1.484	Level 3	
14,300.0	6,522.4	14,533.7	6,697.4	221.5	221.8	106.17	-976.2	7,831.2	624.7	198.6	426.18	1.466	Level 3	
14,400.0	6,521.8	14,633.7	6,697.1	224.3	224.6	106.19	-976.2	7,931.2	624.8	193.3	431.54	1.448	Level 3	
14,500.0	6,521.2	14,733.7	6,696.7	227.1	227.4	106.22	-976.2	8,031.2	624.9	188.0	436.89	1.430	Level 3	
14,600.0	6,520.6	14,833.7	6,696.4	229.9	230.2	106.24	-976.2	8,131.2	625.0	182.7	442.25	1.413	Level 3	
14,700.0	6,520.0	14,933.7	6,696.1	232.7	233.0	106.26	-976.2	8,231.2	625.0	177.4	447.60	1.396	Level 3	
14,800.0	6,519.4	15,033.7	6,695.7	235.5	235.8	106.29	-976.2	8,331.2	625.1	172.1	452.96	1.380	Level 3	
14,900.0	6,518.8	15,133.7	6,695.4	238.3	238.6	106.31	-976.2	8,431.2	625.2	166.9	458.31	1.364	Level 3	
15,000.0	6,518.3	15,233.7	6,695.1	241.1	241.4	106.33	-976.2	8,531.2	625.2	161.6	463.66	1.349	Level 3	
15,100.0	6,517.7	15,333.7	6,694.7	243.9	244.2	106.36	-976.2	8,631.2	625.3	156.3	469.01	1.333	Level 3	
15,200.0	6,517.1	15,433.7	6,694.4	246.7	247.0	106.38	-976.2	8,731.2	625.4	151.0	474.36	1.318	Level 3	
15,300.0	6,516.5	15,533.7	6,694.1	249.5	249.8	106.40	-976.2	8,831.2	625.5	145.8	479.71	1.304	Level 3	
15,400.0	6,515.9	15,633.7	6,693.8	252.3	252.6	106.42	-976.2	8,931.2	625.5	140.5	485.05	1.290	Level 3	
15,500.0	6,515.3	15,733.7	6,693.4	255.1	255.4	106.45	-976.2	9,031.2	625.6	135.2	490.40	1.276	Level 3	
15,600.0	6,514.7	15,833.7	6,693.1	257.9	258.2	106.47	-976.2	9,131.2	625.7	129.9	495.75	1.262	Level 3	
15,700.0	6,514.1	15,933.7	6,692.8	260.7	261.0	106.49	-976.2	9,231.2	625.8	124.7	501.09	1.249	Level 2	
15,800.0	6,513.5	16,033.7	6,692.4	263.5	263.8	106.52	-976.2	9,331.2	625.8	119.4	506.43	1.236	Level 2	
15,900.0	6,512.9	16,133.7	6,692.1	266.3	266.6	106.54	-976.2	9,431.2	625.9	114.1	511.78	1.223	Level 2	
16,000.0	6,512.3	16,233.7	6,691.8	269.1	269.4	106.56	-976.2	9,531.2	626.0	108.9	517.12	1.211	Level 2	
16,100.0	6,511.7	16,333.7	6,691.4	271.9	272.2	106.59	-976.2	9,631.2	626.1	103.6	522.46	1.198	Level 2	
16,200.0	6,511.1	16,433.7	6,691.1	274.7	275.0	106.61	-976.2	9,731.2	626.1	98.3	527.80	1.186	Level 2	
16,222.6	6,511.0	16,456.4	6,691.0	275.4	275.7	106.61	-976.2	9,753.8	626.2	97.2	529.00	1.184	Level 2, SF	

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Existing Wells Pad Sec.26-T5N-R64W - Bihain 26-1 (Exist.) - Wellbore #1 - Wellbore #1													Offset Site Error:	0.0 ft
Survey Program: 6816-UNKNOWN													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
7,300.0	6,563.9	6,536.9	6,536.9	28.5	130.7	-91.30	-140.9	1,730.5	930.0	771.0	159.01	5.849		
7,400.0	6,563.4	6,536.4	6,536.4	30.9	130.7	-91.16	-140.9	1,730.5	833.7	672.2	161.45	5.164		
7,500.0	6,562.8	6,535.8	6,535.8	33.4	130.7	-91.01	-140.9	1,730.5	738.3	574.3	163.94	4.503		
7,600.0	6,562.2	6,535.2	6,535.2	35.9	130.7	-90.87	-140.9	1,730.5	644.3	477.8	166.48	3.870		
7,700.0	6,561.6	6,534.6	6,534.6	38.5	130.7	-90.72	-140.9	1,730.5	552.4	383.3	169.05	3.268		
7,800.0	6,561.0	6,534.0	6,534.0	41.1	130.7	-90.58	-140.9	1,730.5	463.9	292.2	171.66	2.702		
7,900.0	6,560.4	6,533.4	6,533.4	43.7	130.7	-90.43	-140.9	1,730.5	381.1	206.8	174.28	2.187		
8,000.0	6,559.8	6,532.8	6,532.8	46.4	130.7	-90.29	-140.9	1,730.5	308.7	131.7	176.93	1.745		
8,100.0	6,559.2	6,532.2	6,532.2	49.1	130.6	-90.14	-140.9	1,730.5	255.6	76.0	179.59	1.423 Level 3		
8,199.8	6,558.6	6,531.6	6,531.6	51.7	130.6	-90.00	-140.9	1,730.5	235.3	53.0	182.26	1.291 Level 3, CC		
8,200.0	6,558.6	6,531.6	6,531.6	51.8	130.6	-90.00	-140.9	1,730.5	235.3	53.0	182.27	1.291 Level 3, ES, SF		
8,300.0	6,558.0	6,531.0	6,531.0	54.4	130.6	-89.86	-140.9	1,730.5	255.7	70.8	184.95	1.383 Level 3		
8,400.0	6,557.4	6,530.4	6,530.4	57.2	130.6	-89.71	-140.9	1,730.5	308.9	121.3	187.65	1.646		
8,500.0	6,556.8	6,529.8	6,529.8	59.9	130.6	-89.57	-140.9	1,730.5	381.4	191.1	190.35	2.004		
8,600.0	6,556.2	6,529.2	6,529.2	62.6	130.6	-89.42	-140.9	1,730.5	464.3	271.2	193.06	2.405		
8,700.0	6,555.6	6,528.6	6,528.6	65.3	130.6	-89.28	-140.9	1,730.5	552.8	357.0	195.78	2.823		
8,800.0	6,555.0	6,528.0	6,528.0	68.1	130.6	-89.13	-140.9	1,730.5	644.7	446.2	198.50	3.248		
8,900.0	6,554.5	6,527.5	6,527.5	70.8	130.5	-88.99	-140.9	1,730.5	738.7	537.5	201.23	3.671		
9,000.0	6,553.9	6,526.9	6,526.9	73.6	130.5	-88.84	-140.9	1,730.5	834.1	630.1	203.96	4.090		
9,100.0	6,553.3	6,526.3	6,526.3	76.3	130.5	-88.70	-140.9	1,730.5	930.4	723.8	206.69	4.502		

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Existing Wells Pad Sec.26-T5N-R64W - Bihain 26-4 (Exist.) - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 100-NS-GYRO-MS												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
0.0	0.0	0.0	0.0	0.0	0.0	108.89	-139.2	406.8	430.6				
100.0	100.0	77.5	77.5	0.1	0.1	108.89	-139.2	406.7	429.9	429.7	0.22	1,996.701	
200.0	200.0	177.9	177.9	0.3	0.3	108.91	-139.2	406.5	429.7	429.0	0.68	635.633	
300.0	300.0	278.0	278.0	0.6	0.6	108.92	-139.3	406.3	429.5	428.3	1.17	368.642	
400.0	400.0	378.1	378.1	0.8	0.9	108.94	-139.3	406.0	429.3	427.6	1.65	259.521	
500.0	500.0	478.0	478.0	1.0	1.1	108.97	-139.4	405.7	429.0	426.9	2.14	200.334	
600.0	600.0	577.9	577.9	1.2	1.4	109.00	-139.6	405.4	428.8	426.2	2.63	163.124	
700.0	700.0	677.9	677.9	1.5	1.7	109.03	-139.7	405.2	428.6	425.5	3.11	137.595	
800.0	800.0	777.8	777.8	1.7	1.9	109.07	-140.0	404.9	428.4	424.8	3.60	119.106	
900.0	900.0	877.4	877.4	1.9	2.2	109.12	-140.2	404.6	428.2	424.2	4.07	105.239	
1,000.0	1,000.0	977.4	977.4	2.1	2.4	109.16	-140.5	404.4	428.1	423.6	4.54	94.311	
1,100.0	1,100.0	1,077.7	1,077.7	2.4	2.7	109.21	-140.9	404.2	428.0	423.0	5.02	85.306	
1,200.0	1,200.0	1,177.6	1,177.6	2.6	2.9	109.26	-141.2	403.9	427.9	422.4	5.50	77.788	
1,300.0	1,300.0	1,277.9	1,277.9	2.8	3.2	109.31	-141.4	403.6	427.7	421.7	5.99	71.428	
1,400.0	1,400.0	1,378.0	1,378.0	3.0	3.4	109.35	-141.6	403.3	427.5	421.0	6.48	66.014	
1,500.0	1,500.0	1,478.9	1,478.9	3.2	3.7	-99.29	-141.6	403.0	427.4	420.5	6.89	61.986	
1,515.2	1,515.2	1,494.3	1,494.3	3.3	3.7	-99.35	-141.5	402.9	427.4	420.4	6.95	61.464	
1,600.0	1,599.9	1,580.4	1,580.4	3.4	3.8	-99.86	-141.0	402.5	427.4	420.2	7.24	59.047	
1,700.0	1,699.7	1,682.5	1,682.5	3.6	4.0	-100.82	-140.1	401.7	427.5	419.9	7.59	56.303	
1,800.0	1,799.3	1,783.2	1,783.2	3.8	4.2	-102.12	-139.0	400.4	427.8	419.8	7.98	53.623	
1,900.0	1,898.6	1,884.8	1,884.8	4.0	4.4	-103.76	-137.8	398.8	428.6	420.2	8.40	51.030	
1,916.2	1,914.6	1,901.2	1,901.2	4.0	4.4	-104.06	-137.6	398.5	428.8	420.3	8.47	50.625	
2,000.0	1,997.7	1,984.8	1,984.7	4.2	4.6	-105.58	-136.6	396.8	429.7	420.9	8.85	48.544	
2,100.0	2,096.8	2,085.5	2,085.4	4.5	4.9	-107.34	-135.9	394.3	431.1	421.7	9.34	46.149	
2,200.0	2,195.8	2,184.5	2,184.3	4.7	5.1	-108.94	-136.0	391.6	432.6	422.7	9.85	43.916	
2,300.0	2,294.9	2,282.9	2,282.7	5.0	5.4	-110.48	-136.5	389.0	434.6	424.2	10.37	41.909	
2,400.0	2,394.0	2,381.1	2,380.9	5.3	5.7	-111.99	-137.1	386.5	437.1	426.2	10.89	40.123	
2,500.0	2,493.1	2,480.4	2,480.1	5.6	5.9	-113.48	-137.8	384.2	440.1	428.7	11.43	38.519	
2,600.0	2,592.2	2,579.9	2,579.6	5.9	6.2	-114.94	-138.6	381.9	443.3	431.4	11.96	37.068	
2,700.0	2,691.3	2,679.3	2,679.0	6.2	6.4	-116.38	-139.4	379.5	446.8	434.3	12.50	35.756	
2,800.0	2,790.4	2,777.8	2,777.5	6.5	6.7	-117.78	-140.2	377.1	450.6	437.6	13.03	34.580	
2,900.0	2,889.5	2,876.8	2,876.5	6.8	7.0	-119.17	-140.9	374.9	454.9	441.3	13.57	33.526	
3,000.0	2,988.5	2,976.1	2,975.7	7.1	7.2	-120.54	-141.7	372.8	459.4	445.3	14.11	32.571	
3,100.0	3,087.6	3,073.1	3,072.7	7.4	7.5	-121.88	-142.2	370.8	464.4	449.8	14.63	31.735	
3,200.0	3,186.7	3,171.4	3,171.0	7.7	7.7	-123.27	-142.2	369.3	470.1	455.0	15.16	31.006	
3,300.0	3,285.8	3,269.1	3,268.6	8.1	8.0	-124.58	-142.4	367.9	476.3	460.6	15.68	30.373	
3,400.0	3,384.9	3,367.6	3,367.1	8.4	8.2	-125.76	-143.6	366.9	483.0	466.8	16.18	29.848	
3,500.0	3,484.0	3,466.4	3,466.0	8.7	8.4	-126.82	-145.4	366.1	489.9	473.3	16.66	29.402	
3,600.0	3,583.1	3,566.0	3,565.5	9.0	8.6	-127.86	-147.3	365.4	497.1	480.0	17.14	29.003	
3,700.0	3,682.2	3,665.5	3,665.0	9.3	8.8	-128.85	-149.4	364.6	504.4	486.8	17.62	28.627	
3,800.0	3,781.3	3,764.0	3,763.5	9.7	9.0	-129.81	-151.4	363.9	511.9	493.8	18.10	28.284	
3,900.0	3,880.3	3,860.3	3,859.7	10.0	9.2	-130.76	-152.8	363.4	519.8	501.2	18.56	28.008	
4,000.0	3,979.4	3,956.9	3,956.3	10.3	9.4	-131.79	-153.2	363.4	528.6	509.6	18.97	27.867	
4,100.0	4,078.5	4,054.8	4,054.2	10.7	9.5	-132.89	-152.8	363.4	537.8	518.5	19.32	27.843	
4,200.0	4,177.6	4,153.4	4,152.8	11.0	9.6	-134.05	-151.4	363.3	547.4	527.8	19.65	27.856	
4,300.0	4,276.7	4,252.4	4,251.8	11.3	9.7	-135.20	-149.9	363.2	557.3	537.3	20.00	27.863	
4,400.0	4,375.8	4,348.6	4,348.0	11.7	9.7	-136.24	-148.7	363.3	567.4	547.1	20.33	27.910	
4,500.0	4,474.9	4,444.3	4,443.7	12.0	9.8	-137.08	-148.8	364.6	578.5	557.9	20.64	28.034	
4,600.0	4,574.0	4,543.7	4,543.1	12.3	9.9	-137.80	-150.0	366.5	589.9	569.0	20.95	28.162	
4,640.4	4,614.0	4,584.7	4,584.0	12.5	9.9	-138.06	-150.8	367.3	594.5	573.4	21.08	28.198	
4,700.0	4,673.1	4,645.5	4,644.8	12.6	9.9	-138.46	-152.3	368.6	600.6	579.4	21.29	28.209	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Existing Wells Pad Sec.26-T5N-R64W - Bihain 26-4 (Exist.) - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 100-NS-GYRO-MS												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
4,800.0	4,772.7	4,748.4	4,747.6	12.9	10.1	-138.80	-155.9	370.6	608.5	586.9	21.63	28.131	
4,900.0	4,872.5	4,851.3	4,850.4	13.1	10.2	-138.89	-159.5	372.0	613.3	591.3	21.98	27.905	
5,000.0	4,972.4	4,956.0	4,955.2	13.2	10.4	-138.77	-162.8	372.7	614.8	592.5	22.33	27.531	
5,027.6	5,000.0	4,985.5	4,984.6	13.3	10.5	69.76	-163.6	372.7	614.6	591.9	22.75	27.019	
5,100.0	5,072.4	5,061.0	5,060.0	13.4	10.6	69.92	-165.6	372.2	613.6	590.5	23.03	26.636	
5,200.0	5,172.4	5,164.6	5,163.6	13.6	10.9	70.09	-168.0	370.8	611.5	588.1	23.44	26.084	
5,300.0	5,272.4	5,267.1	5,266.1	13.7	11.1	70.24	-170.4	368.9	609.0	585.1	23.87	25.517	
5,400.0	5,372.4	5,362.0	5,360.9	13.9	11.3	70.41	-172.9	367.2	606.5	582.2	24.26	24.997	
5,500.0	5,472.4	5,455.4	5,454.3	14.0	11.5	70.60	-175.2	366.8	605.2	580.5	24.63	24.569	
5,600.0	5,572.4	5,551.6	5,550.5	14.2	11.7	70.78	-177.2	367.0	604.7	579.7	24.99	24.203	
5,642.7	5,615.1	5,593.2	5,592.1	14.3	11.8	70.86	-178.0	367.3	604.7	579.6	25.13	24.059	
5,700.0	5,672.4	5,648.6	5,647.5	14.4	11.9	70.96	-178.9	367.7	604.8	579.5	25.32	23.886	
5,800.0	5,772.4	5,746.5	5,745.3	14.5	12.0	71.13	-180.5	368.8	605.3	579.7	25.64	23.611	
5,829.2	5,801.6	5,775.5	5,774.3	14.6	12.1	71.19	-181.0	369.2	605.5	579.8	25.73	23.535	
5,850.0	5,822.4	5,796.2	5,795.0	14.6	12.1	-18.78	-181.3	369.5	605.4	579.8	25.57	23.678	
5,900.0	5,872.3	5,845.8	5,844.6	14.7	12.2	-18.84	-182.2	370.1	603.0	577.4	25.59	23.566	
5,950.0	5,921.9	5,895.2	5,894.0	14.7	12.2	-19.06	-183.0	370.9	597.4	571.9	25.50	23.429	
6,000.0	5,971.0	5,944.3	5,943.1	14.8	12.3	-19.47	-184.0	371.6	588.9	563.6	25.31	23.264	
6,050.0	6,019.4	5,992.8	5,991.6	14.8	12.4	-20.08	-184.9	372.4	577.3	552.3	25.03	23.067	
6,100.0	6,066.8	6,040.2	6,039.0	14.9	12.5	-20.91	-185.9	373.1	562.8	538.2	24.65	22.830	
6,150.0	6,113.1	6,086.5	6,085.3	14.9	12.5	-22.00	-186.7	373.9	545.5	521.3	24.20	22.542	
6,200.0	6,158.0	6,131.9	6,130.6	14.9	12.6	-23.40	-187.6	374.6	525.4	501.7	23.69	22.183	
6,250.0	6,201.5	6,175.9	6,174.6	14.9	12.7	-25.18	-188.5	375.3	502.7	479.6	23.14	21.725	
6,300.0	6,243.2	6,217.9	6,216.7	15.0	12.7	-27.40	-189.3	376.0	477.6	455.0	22.61	21.125	
6,350.0	6,283.0	6,257.9	6,256.6	15.0	12.8	-30.15	-190.1	376.7	450.2	428.1	22.15	20.328	
6,400.0	6,320.8	6,295.8	6,294.5	15.0	12.8	-33.57	-190.8	377.3	420.9	399.0	21.85	19.261	
6,450.0	6,356.3	6,331.8	6,330.5	15.0	12.9	-37.80	-191.5	378.0	389.9	368.0	21.84	17.852	
6,500.0	6,389.5	6,365.5	6,364.2	15.1	12.9	-42.98	-192.1	378.6	357.6	335.3	22.24	16.078	
6,550.0	6,420.1	6,396.8	6,395.4	15.1	13.0	-49.18	-192.7	379.2	324.5	301.4	23.15	14.018	
6,600.0	6,448.1	6,425.4	6,424.0	15.4	13.0	-56.35	-193.3	379.8	291.4	266.8	24.55	11.870	
6,650.0	6,473.4	6,451.3	6,449.9	15.8	13.1	-64.23	-193.7	380.3	259.3	233.0	26.27	9.870	
6,700.0	6,495.7	6,474.3	6,472.9	16.4	13.1	-72.26	-194.1	380.8	229.6	201.6	28.02	8.195	
6,750.0	6,515.1	6,494.4	6,493.0	17.1	13.1	-79.78	-194.4	381.1	204.7	175.2	29.55	6.928	
6,800.0	6,531.4	6,511.5	6,510.1	17.9	13.2	-86.10	-194.7	381.5	187.6	156.8	30.78	6.095	
6,849.9	6,544.6	6,525.4	6,524.0	18.8	13.2	-90.78	-194.9	381.7	181.3	149.6	31.77	5.707 CC	
6,850.0	6,544.6	6,525.4	6,524.0	18.8	13.2	-90.79	-194.9	381.7	181.3	149.6	31.78	5.707 ES, SF	
6,900.0	6,554.6	6,536.2	6,534.8	19.7	13.2	-93.61	-195.0	381.9	187.8	155.1	32.70	5.745	
6,950.0	6,561.4	6,543.8	6,542.4	20.7	13.2	-94.46	-195.1	382.1	206.3	172.7	33.67	6.129	
7,000.0	6,565.0	6,548.1	6,546.7	21.7	13.2	-93.29	-195.2	382.1	234.3	199.6	34.72	6.747	
7,033.7	6,565.5	6,549.2	6,547.8	22.4	13.2	-91.34	-195.2	382.2	257.0	221.5	35.44	7.251	
7,100.0	6,565.1	6,550.0	6,548.6	23.8	13.2	-91.58	-195.2	382.2	307.6	270.7	36.88	8.340	
7,200.0	6,564.5	6,551.1	6,549.7	26.1	13.2	-91.94	-195.2	382.2	392.8	353.7	39.15	10.035	
7,300.0	6,563.9	6,552.2	6,550.9	28.5	13.2	-92.29	-195.2	382.2	483.8	442.3	41.51	11.654	
7,400.0	6,563.4	6,553.4	6,552.0	30.9	13.2	-92.65	-195.2	382.2	577.7	533.8	43.95	13.145	
7,500.0	6,562.8	6,554.5	6,553.1	33.4	13.2	-93.00	-195.2	382.3	673.4	627.0	46.44	14.500	
7,600.0	6,562.2	6,555.6	6,554.2	35.9	13.2	-93.35	-195.3	382.3	770.2	721.2	48.98	15.726	
7,700.0	6,561.6	6,556.7	6,555.3	38.5	13.2	-93.69	-195.3	382.3	867.7	816.2	51.54	16.834	
7,800.0	6,561.0	6,557.8	6,556.4	41.1	13.2	-94.04	-195.3	382.3	965.7	911.6	54.14	17.838	

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Existing Wells Pad Sec.26-T5N-R64W - Bihain 5 (Exist.) - Wellbore #1 - Wellbore #1													Offset Site Error:	0.0 ft
Survey Program: 100-NS-GYRO-MS													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
6,600.0	6,448.1	6,430.5	6,429.9	15.4	12.2	43.90	-819.2	1,024.5	977.6	955.4	22.26	43.927		
6,650.0	6,473.4	6,455.6	6,455.0	15.8	12.2	48.60	-819.0	1,024.4	939.2	916.0	23.18	40.514		
6,700.0	6,495.7	6,477.9	6,477.2	16.4	12.2	53.87	-818.9	1,024.3	899.9	875.4	24.50	36.726		
6,750.0	6,515.1	6,497.1	6,496.5	17.1	12.2	59.62	-818.8	1,024.3	860.0	833.9	26.13	32.915		
6,800.0	6,531.4	6,513.3	6,512.7	17.9	12.2	65.69	-818.7	1,024.2	819.8	791.9	27.91	29.377		
6,850.0	6,544.6	6,526.4	6,525.7	18.8	12.2	71.84	-818.7	1,024.2	779.6	749.9	29.66	26.279		
6,900.0	6,554.6	6,536.3	6,535.6	19.7	12.3	77.78	-818.6	1,024.2	739.7	708.4	31.27	23.658		
6,950.0	6,561.4	6,542.9	6,542.3	20.7	12.3	83.25	-818.6	1,024.2	700.6	668.0	32.64	21.465		
7,000.0	6,565.0	6,546.3	6,545.7	21.7	12.3	88.04	-818.6	1,024.2	662.7	628.9	33.79	19.614		
7,033.7	6,565.5	6,546.8	6,546.1	22.4	12.3	90.82	-818.6	1,024.2	638.0	603.5	34.46	18.515		
7,100.0	6,565.1	6,546.2	6,545.5	23.8	12.3	90.74	-818.6	1,024.2	592.0	556.1	35.89	16.492		
7,200.0	6,564.5	6,545.3	6,544.7	26.1	12.3	90.63	-818.6	1,024.2	530.8	492.7	38.17	13.908		
7,300.0	6,563.9	6,544.4	6,543.8	28.5	12.3	90.52	-818.6	1,024.2	482.8	442.3	40.54	11.911		
7,400.0	6,563.4	6,543.6	6,542.9	30.9	12.3	90.41	-818.6	1,024.2	452.1	409.1	42.98	10.520		
7,493.4	6,562.8	6,542.8	6,542.1	33.2	12.3	90.30	-818.6	1,024.2	442.4	397.1	45.32	9.762 CC		
7,500.0	6,562.8	6,542.7	6,542.1	33.4	12.3	90.29	-818.6	1,024.2	442.4	396.9	45.48	9.728 ES		
7,600.0	6,562.2	6,541.8	6,541.2	35.9	12.3	90.18	-818.6	1,024.2	455.0	407.0	48.03	9.474 SF		
7,700.0	6,561.6	6,541.0	6,540.3	38.5	12.3	90.07	-818.6	1,024.2	488.2	437.6	50.61	9.647		
7,800.0	6,561.0	6,540.1	6,539.4	41.1	12.3	89.95	-818.6	1,024.2	538.2	485.0	53.23	10.112		
7,900.0	6,560.4	6,539.2	6,538.6	43.7	12.3	89.84	-818.6	1,024.2	600.8	545.0	55.87	10.755		
8,000.0	6,559.8	6,538.3	6,537.7	46.4	12.3	89.73	-818.6	1,024.2	672.5	614.0	58.52	11.492		
8,100.0	6,559.2	6,537.5	6,536.8	49.1	12.3	89.61	-818.6	1,024.2	750.8	689.6	61.20	12.268		
8,200.0	6,558.6	6,536.6	6,536.0	51.8	12.3	89.50	-818.6	1,024.2	833.6	769.7	63.89	13.048		
8,300.0	6,558.0	6,535.7	6,535.1	54.4	12.3	89.39	-818.6	1,024.2	919.9	853.3	66.59	13.815		

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:		0.0 ft
Survey Program: 95-													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
13,800.0	6,525.4	6,851.3	6,518.2	207.4	37.5	-95.70	-182.1	8,261.1	950.6	708.4	242.21	3.925			
13,900.0	6,524.8	6,849.4	6,516.4	210.2	37.5	-95.16	-182.1	8,261.1	853.0	607.8	245.21	3.479			
14,000.0	6,524.2	6,847.6	6,514.6	213.0	37.5	-94.62	-182.0	8,261.2	756.0	507.8	248.19	3.046			
14,100.0	6,523.6	6,845.8	6,512.7	215.8	37.5	-94.09	-182.0	8,261.2	659.8	408.7	251.15	2.627			
14,200.0	6,523.0	6,844.0	6,511.0	218.7	37.5	-93.56	-182.0	8,261.2	565.1	311.0	254.09	2.224			
14,300.0	6,522.4	6,842.2	6,509.2	221.5	37.5	-93.04	-182.0	8,261.2	472.4	215.4	257.02	1.838			
14,400.0	6,521.8	6,840.5	6,507.4	224.3	37.5	-92.52	-181.9	8,261.2	383.5	123.6	259.93	1.475	Level 3		
14,500.0	6,521.2	6,838.7	6,505.7	227.1	37.5	-92.01	-181.9	8,261.3	301.6	38.8	262.82	1.148	Level 2		
14,600.0	6,520.6	6,837.0	6,503.9	229.9	37.5	-91.50	-181.9	8,261.3	234.2	-31.5	265.69	0.882	Level 1		
14,700.0	6,520.0	6,835.3	6,502.2	232.7	37.5	-91.00	-181.8	8,261.3	196.8	-71.7	268.55	0.733	Level 1		
14,730.7	6,519.9	6,834.8	6,501.7	233.5	37.5	-90.84	-181.8	8,261.3	194.4	-75.0	269.42	0.722 Level 1, CC, ES, SF			
14,800.0	6,519.4	6,833.6	6,500.5	235.5	37.5	-90.50	-181.8	8,261.3	206.4	-65.0	271.38	0.761	Level 1		
14,900.0	6,518.8	6,831.9	6,498.9	238.3	37.5	-90.00	-181.8	8,261.3	257.8	-16.4	274.20	0.940	Level 1		
15,000.0	6,518.3	6,830.3	6,497.2	241.1	37.5	-89.51	-181.8	8,261.3	332.1	55.1	277.00	1.199	Level 2		
15,100.0	6,517.7	6,828.6	6,495.6	243.9	37.5	-89.03	-181.7	8,261.4	417.3	137.6	279.78	1.492	Level 3		
15,200.0	6,517.1	6,827.0	6,493.9	246.7	37.5	-88.55	-181.7	8,261.4	508.0	225.4	282.54	1.798			
15,300.0	6,516.5	6,825.4	6,492.3	249.5	37.5	-88.07	-181.7	8,261.4	601.5	316.3	285.28	2.109			
15,400.0	6,515.9	6,823.7	6,490.7	252.3	37.5	-87.60	-181.7	8,261.4	696.9	408.9	288.01	2.420			
15,500.0	6,515.3	6,822.2	6,489.1	255.1	37.5	-87.13	-181.7	8,261.4	793.4	502.7	290.71	2.729			
15,600.0	6,514.7	6,820.6	6,487.5	257.9	37.5	-86.67	-181.6	8,261.4	890.7	597.3	293.40	3.036			
15,700.0	6,514.1	6,819.0	6,486.0	260.7	37.5	-86.22	-181.6	8,261.5	988.5	692.5	296.07	3.339			

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 95-Reference													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
15,100.0	6,517.7	6,598.6	6,529.5	243.9	19.0	-100.20	-152.0	9,551.7	948.6	692.6	256.07	3.705		
15,200.0	6,517.1	6,593.8	6,524.8	246.7	19.0	-99.02	-152.1	9,551.9	851.9	592.2	259.67	3.281		
15,300.0	6,516.5	6,589.0	6,519.9	249.5	19.0	-97.81	-152.2	9,552.1	755.9	492.7	263.20	2.872		
15,400.0	6,515.9	6,584.0	6,514.9	252.3	19.0	-96.56	-152.3	9,552.3	661.2	394.5	266.67	2.479		
15,500.0	6,515.3	6,578.9	6,509.9	255.1	19.0	-95.29	-152.5	9,552.6	568.2	298.1	270.04	2.104		
15,600.0	6,514.7	6,573.8	6,504.8	257.9	19.0	-93.99	-152.6	9,552.8	477.9	204.6	273.30	1.749		
15,700.0	6,514.1	6,568.7	6,499.7	260.7	19.0	-92.70	-152.7	9,553.0	392.4	115.9	276.45	1.419	Level 3	
15,800.0	6,513.5	6,563.7	6,494.7	263.5	18.9	-91.40	-152.8	9,553.2	315.4	35.9	279.47	1.129	Level 2	
15,900.0	6,512.9	6,558.6	6,489.6	266.3	18.9	-90.11	-153.0	9,553.5	254.8	-27.5	282.36	0.902	Level 1	
16,000.0	6,512.3	6,553.6	6,484.6	269.1	18.9	-88.83	-153.1	9,553.7	224.4	-60.8	285.12	0.787	Level 1	
16,023.2	6,512.2	6,552.5	6,483.5	269.8	18.9	-88.53	-153.1	9,553.7	223.2	-62.6	285.74	0.781	Level 1, CC, ES, SF	
16,100.0	6,511.7	6,548.6	6,479.6	271.9	18.9	-87.55	-153.2	9,553.9	236.0	-51.7	287.74	0.820	Level 1	
16,200.0	6,511.1	6,543.7	6,474.7	274.7	18.9	-86.28	-153.3	9,554.1	284.6	-5.6	290.23	0.981	Level 1	
16,222.6	6,511.0	6,542.6	6,473.6	275.4	18.9	-85.99	-153.4	9,554.2	299.2	8.4	290.78	1.029	Level 2	

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 95-Reference													Offset Well Error:	0.0 ft
Kuner 8-2-25 Pad Sec.25-T5N-R64W - Kuner 6-0-25 - Wellbore #1 - Wellbore #1														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,800.0	6,519.4	6,788.2	6,508.2	235.5	32.4	-91.11	408.2	8,915.8	978.7	718.2	260.50	3.757		
14,900.0	6,518.8	6,784.6	6,504.6	238.3	32.4	-90.85	408.1	8,915.9	922.4	659.1	263.33	3.503		
15,000.0	6,518.3	6,780.9	6,500.9	241.1	32.4	-90.58	408.1	8,916.0	873.9	607.8	266.15	3.284		
15,100.0	6,517.7	6,777.1	6,497.2	243.9	32.4	-90.31	408.1	8,916.1	834.7	565.7	268.97	3.103		
15,200.0	6,517.1	6,773.4	6,493.5	246.7	32.4	-90.04	408.1	8,916.3	805.9	534.2	271.78	2.965		
15,300.0	6,516.5	6,769.9	6,490.0	249.5	32.4	-89.78	408.0	8,916.4	788.9	514.3	274.59	2.873		
15,385.9	6,516.0	6,767.1	6,487.1	251.9	32.4	-89.57	408.0	8,916.4	784.2	507.2	277.00	2.831 CC		
15,400.0	6,515.9	6,766.6	6,486.7	252.3	32.4	-89.54	408.0	8,916.5	784.4	507.0	277.39	2.828 ES, SF		
15,500.0	6,515.3	6,763.5	6,483.5	255.1	32.4	-89.31	408.0	8,916.5	792.5	512.3	280.19	2.828		
15,600.0	6,514.7	6,760.5	6,480.6	257.9	32.4	-89.10	408.0	8,916.6	812.9	529.9	282.99	2.873		
15,700.0	6,514.1	6,757.7	6,477.8	260.7	32.4	-88.89	407.9	8,916.7	844.8	559.0	285.78	2.956		
15,800.0	6,513.5	6,755.0	6,475.1	263.5	32.4	-88.70	407.9	8,916.8	886.8	598.2	288.57	3.073		
15,900.0	6,512.9	6,752.5	6,472.6	266.3	32.4	-88.51	407.9	8,916.8	937.6	646.3	291.36	3.218		
16,000.0	6,512.3	6,750.1	6,470.2	269.1	32.4	-88.33	407.9	8,916.9	995.9	701.8	294.14	3.386		

<b>Company:</b>	PETROLEUM DEVELOPMENT CORP DJ Basin	<b>Local Co-ordinate Reference:</b>	Well Connie 26F-212
<b>Project:</b>	SEC.26-T5N-R64W	<b>TVD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Reference Site:</b>	Connie 5N64W26EF Pad Sec.26-T5N-R64W	<b>MD Reference:</b>	WELL @ 4620.0ft (RKB - 23')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Connie 26F-212	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #1 Extension (3-4-16)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4620.0ft (RKB - 23')

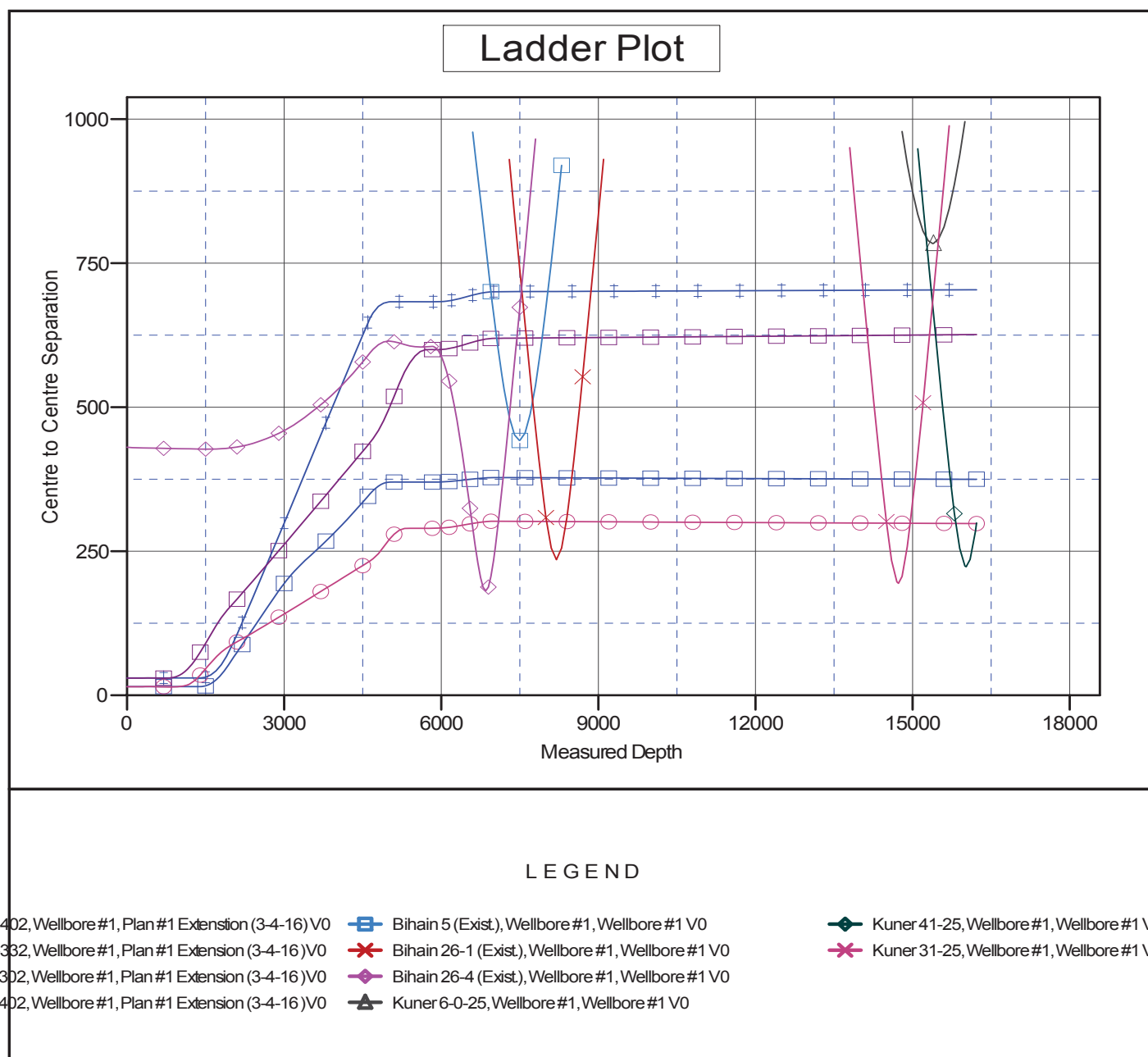
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000

Coordinates are relative to: Connie 26F-212

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.63°



Coordinates are relative to: Connie 26F-212  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.63°

