

RCVD JAN 24 '11

OIL CONS. DIV.

DIST Form C-102
Revised July 16, 2010DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240State of New Mexico
Energy, Minerals & Natural Resources DepartmentDISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210Submit one copy to appropriate
District OfficeDISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35079		² Pool Code 71599 / 72319		³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE	
⁴ Property Code 31729 7021		⁵ Property Name FLORANCE			⁶ Well Number 11 C
⁷ OGRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			⁹ Elevation 5812'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	30	30N	8W	12	590'	SOUTH	2085'	EAST	SAN JUAN

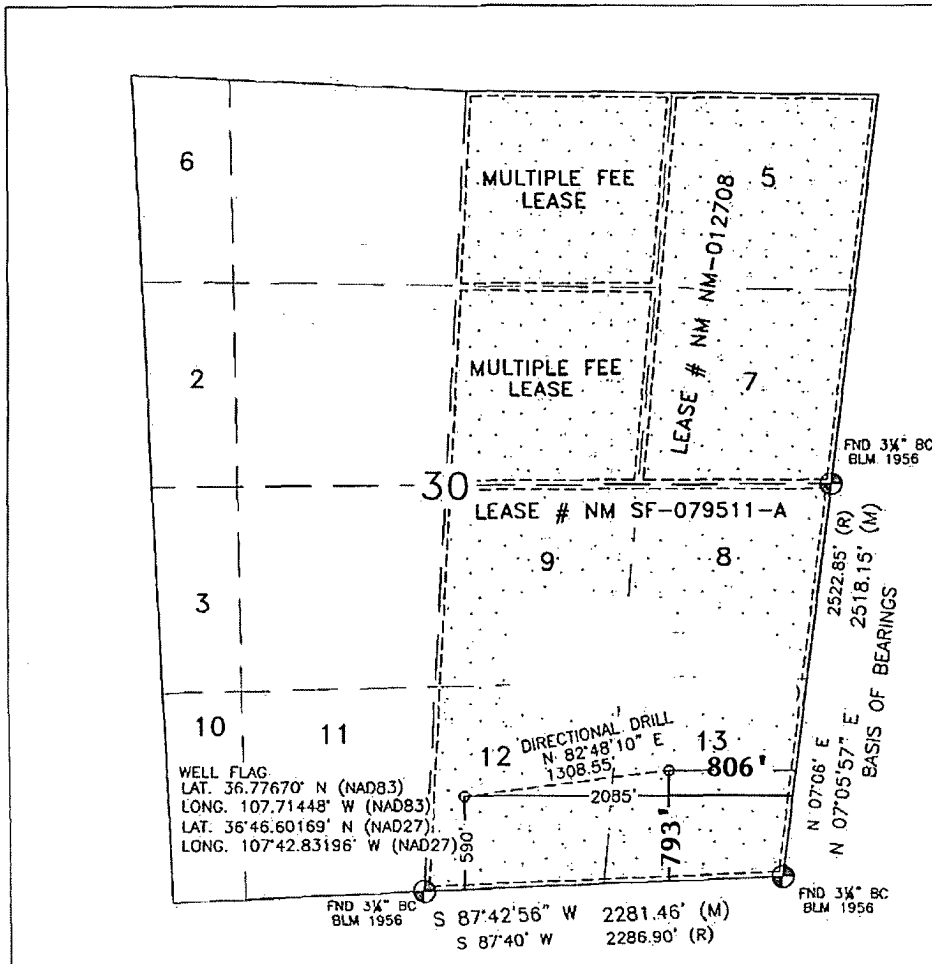
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	30N	8W	13	793'	SOUTH	806'	EAST	SAN JUAN

¹² Dedicated Acres 290.69 ACRES (E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 1/20/11
Signature Date

Crystal Tafoya 1/20/2011
Printed Name

Staff Regulatory Tech

E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 16, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David Russell
DAVID R. RUSSELL
REGISTERED PROFESSIONAL LAND SURVEYOR
10201
DAVID RUSSELL
Certificate Number 10201

Legal WellName : FLORANCE #11C	API / UWI: 3004535079
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 030-030N-008W-O
St/Prov: NEW MEXICO	N/S Dist (ft): 590.00 - FSL
County: SAN JUAN	E/W Dist (ft): 2,085.00 - FEL

Wellbore Name : Original Hole				
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
MWD SURVEY	11/12/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/14/2010	.00	.00	.00	IncAzi-MWD	Scientific Drilling
11/14/2010	266.00	2.08	31.48	IncAzi-MWD	Scientific Drilling
11/14/2010	296.00	2.39	32.67	IncAzi-MWD	Scientific Drilling
11/14/2010	358.00	3.21	54.00	IncAzi-MWD	Scientific Drilling
11/14/2010	418.00	4.68	65.00	IncAzi-MWD	Scientific Drilling
11/14/2010	479.00	6.15	66.25	IncAzi-MWD	Scientific Drilling
11/15/2010	541.00	7.65	72.44	IncAzi-MWD	Scientific Drilling
11/15/2010	603.00	8.35	74.36	IncAzi-MWD	Scientific Drilling
11/15/2010	665.00	8.73	76.08	IncAzi-MWD	Scientific Drilling
11/15/2010	726.00	8.85	76.68	Inc-MWD	Scientific Drilling
11/15/2010	787.00	9.78	76.75	IncAzi-MWD	Scientific Drilling
11/15/2010	849.00	10.54	82.06	IncAzi-MWD	Scientific Drilling
11/15/2010	880.00	10.76	83.75	IncAzi-MWD	Scientific Drilling
11/15/2010	945.00	11.39	82.82	IncAzi-MWD	Scientific Drilling
11/15/2010	1,008.00	12.55	80.89	IncAzi-MWD	Scientific Drilling
11/15/2010	1,071.00	14.28	82.93	IncAzi-MWD	Scientific Drilling
11/15/2010	1,135.00	15.13	85.90	IncAzi-MWD	Scientific Drilling
11/15/2010	1,198.00	15.37	84.78	IncAzi-MWD	Scientific Drilling
11/15/2010	1,261.00	16.66	81.62	IncAzi-MWD	Scientific Drilling
11/15/2010	1,324.00	18.39	80.34	IncAzi-MWD	Scientific Drilling
11/15/2010	1,388.00	19.84	81.06	IncAzi-MWD	Scientific Drilling
11/15/2010	1,451.00	22.44	83.73	IncAzi-MWD	Scientific Drilling
11/15/2010	1,514.00	24.70	85.39	IncAzi-MWD	Scientific Drilling
11/15/2010	1,577.00	25.17	84.21	IncAzi-MWD	Scientific Drilling
11/15/2010	1,640.00	26.13	83.56	IncAzi-MWD	Scientific Drilling
11/15/2010	1,703.00	27.21	84.04	IncAzi-MWD	Scientific Drilling
11/15/2010	1,766.00	28.10	84.96	IncAzi-MWD	Scientific Drilling
11/15/2010	1,829.00	28.88	84.41	IncAzi-MWD	Scientific Drilling
11/15/2010	1,892.00	30.01	84.72	IncAzi-MWD	Scientific Drilling
11/15/2010	1,955.00	30.47	86.72	IncAzi-MWD	Scientific Drilling
11/15/2010	2,019.00	29.93	86.28	IncAzi-MWD	Scientific Drilling
11/15/2010	2,082.00	30.03	85.82	IncAzi-MWD	Scientific Drilling

11/15/2010	2,208.00	29.48	83.90	IncAzi-MWD	Scientific Drilling
11/15/2010	2,270.00	29.11	81.47	IncAzi-MWD	Scientific Drilling
11/15/2010	2,333.00	29.16	80.78	IncAzi-MWD	Scientific Drilling
11/15/2010	2,396.00	29.50	80.37	IncAzi-MWD	Scientific Drilling
11/15/2010	2,459.00	29.88	79.25	IncAzi-MWD	Scientific Drilling
11/15/2010	2,522.00	28.94	79.93	IncAzi-MWD	Scientific Drilling
11/15/2010	2,585.00	28.65	79.79	IncAzi-MWD	Scientific Drilling
11/15/2010	2,648.00	28.69	78.75	IncAzi-MWD	Scientific Drilling
11/15/2010	2,711.00	29.86	79.63	IncAzi-MWD	Scientific Drilling
11/15/2010	2,774.00	31.45	80.77	IncAzi-MWD	Scientific Drilling
11/15/2010	2,837.00	30.51	81.18	IncAzi-MWD	Scientific Drilling
11/15/2010	2,900.00	29.26	84.80	IncAzi-MWD	Scientific Drilling
11/15/2010	2,963.00	27.93	83.43	IncAzi-MWD	Scientific Drilling
11/15/2010	3,026.00	25.92	81.74	IncAzi-MWD	Scientific Drilling
11/15/2010	3,089.00	23.86	80.78	IncAzi-MWD	Scientific Drilling
11/15/2010	3,152.00	22.70	80.61	IncAzi-MWD	Scientific Drilling
11/15/2010	3,216.00	22.11	81.83	IncAzi-MWD	Scientific Drilling
11/15/2010	3,279.00	20.72	81.38	IncAzi-MWD	Scientific Drilling
11/15/2010	3,342.00	20.11	80.17	IncAzi-MWD	Scientific Drilling
11/15/2010	3,405.00	19.33	78.62	IncAzi-MWD	Scientific Drilling
11/15/2010	3,468.00	18.83	78.84	IncAzi-MWD	Scientific Drilling
11/15/2010	3,531.00	18.53	76.86	IncAzi-MWD	Scientific Drilling
11/15/2010	3,594.00	16.94	74.93	IncAzi-MWD	Scientific Drilling
11/15/2010	3,657.00	14.88	74.82	IncAzi-MWD	Scientific Drilling
11/15/2010	3,720.00	13.76	75.84	IncAzi-MWD	Scientific Drilling
11/15/2010	3,784.00	13.34	76.42	IncAzi-MWD	Scientific Drilling
11/15/2010	3,846.00	12.34	76.17	IncAzi-MWD	Scientific Drilling
11/15/2010	3,910.00	10.36	77.57	IncAzi-MWD	Scientific Drilling
11/15/2010	3,973.00	9.29	73.18	IncAzi-MWD	Scientific Drilling
11/15/2010	4,036.00	7.91	71.39	IncAzi-MWD	Scientific Drilling
11/15/2010	4,099.00	5.67	74.27	IncAzi-MWD	Scientific Drilling
11/15/2010	4,162.00	4.38	80.34	IncAzi-MWD	Scientific Drilling
11/15/2010	4,188.00	4.17	82.61	IncAzi-MWD	Scientific Drilling

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	11/29/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
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I, the undersigned, certify that I, acting in my capacity as Drilling Engineer for ConocoPhillips Company am authorized by said Company to make this report, and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this January 20, 2011

Crystal L. Tafaya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014

RCVD JAN 24 '11

OIL CONS. DIV.

DIST. 3

8

ConocoPhillips

SJB (NM West)
SEC 30-T30N-R8W
Florance #11C
API# 3004535079
Original Hole

Survey: Actual

Standard Survey Report

19 December, 2010

This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

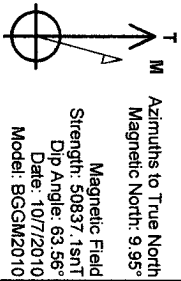
Notorized this date 20th of December, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas

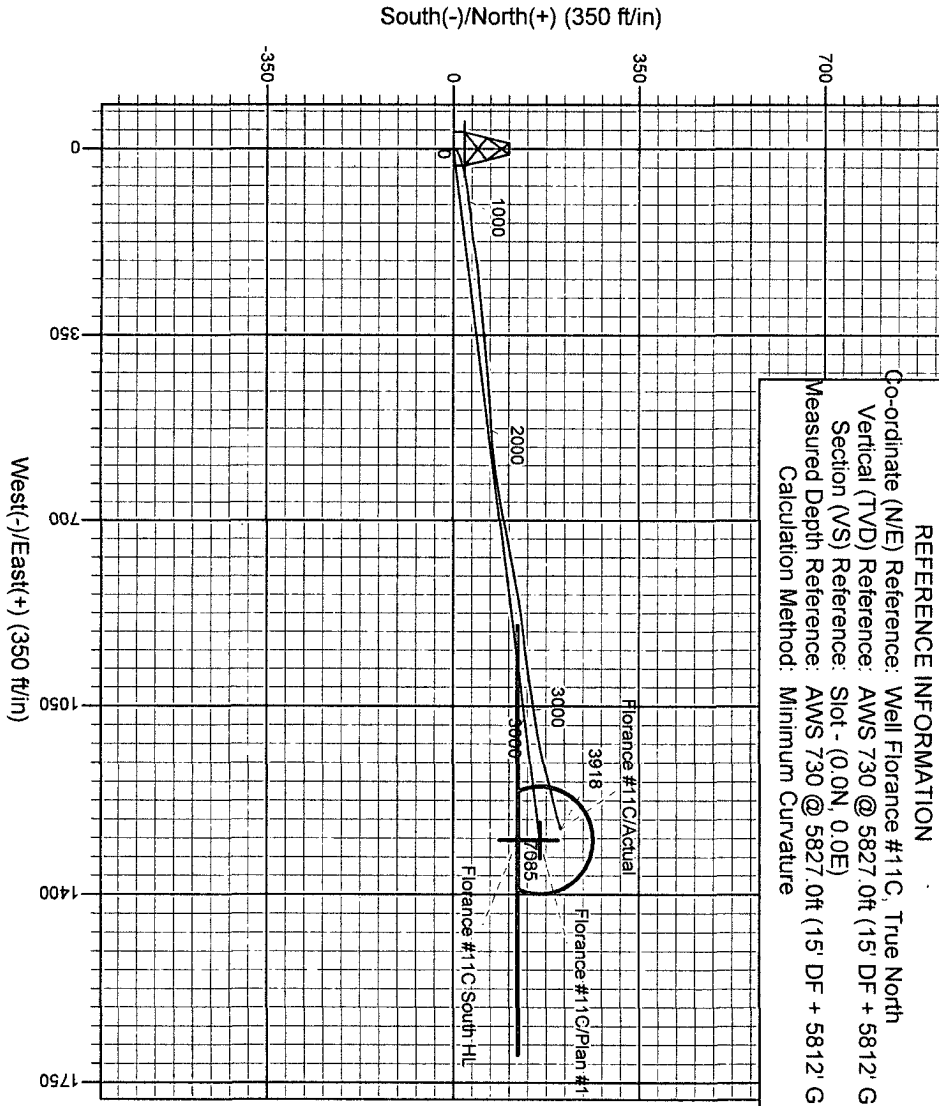
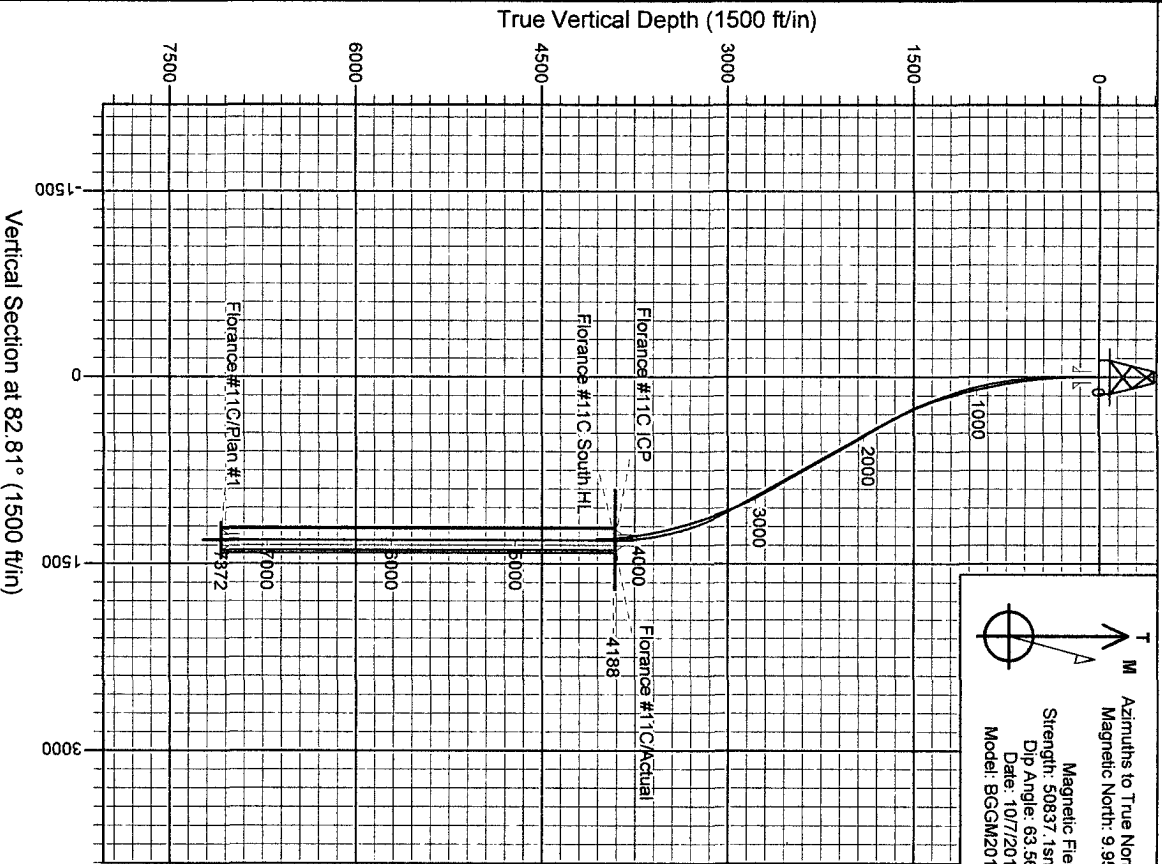


Project: SUB (NM West)
Site: SEC 30-T30N-R8W
Well: Florance #11C
Wellbore: Original Hole
Design: Plan #1



WELL DETAILS: Florance #11C
AWS 730 @ 5827.0ft (15' DF + 5812' GL)
Ground Level: 5812.0
Easting 534988.04 Latitude 36° 46' 36.101 N Longitude 107° 42' 49.918 W Slot
+N/-S +E/-W Northing 2101996.52

REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well Florance #11C, True North
Vertical (TVD) Reference: AWS 730 @ 5827.0ft (15' DF + 5812' GL)
Section (VS) Reference: Slot - (0.0N 0.0E)
Measured Depth Reference: AWS 730 @ 5827.0ft (15' DF + 5812' GL)
Calculation Method: Minimum Curvature



COMPANY DETAILS: ConocoPhillips
Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Combined Covariances
Warning Method: Risk Ratio

PROJECT DETAILS: SUB (NM West)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico West 3003
System Datum: Mean Sea Level

SITE DETAILS: SEC 30-T30N-R8W
San Juan County NM
Site Centre Latitude: 36° 46' 36.101 N
Longitude: 107° 42' 49.918 W
Positional Uncertainty: 7.5
Convergence: 0.07
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Florance #11C
Project:	SJB (NM West)	TVD Reference:	AWS 730 @ 5827.0ft (15' DF + 5812' GL)
Site:	SEC 30-T30N-R8W	MD Reference:	AWS 730 @ 5827.0ft (15' DF + 5812' GL)
Well:	Florance #11C	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Project	SJB (NM West), New Mexico, S-Type MV/DK Wells		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		Using Well Reference Point
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site	SEC 30-T30N-R8W				
Site Position:		Northing:	2,101,996.52 ft	Latitude:	36° 46' 36.101 N
From:	Lat/Long	Easting:	534,988.04 ft	Longitude:	107° 42' 49.918 W
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	0.07 °

Well	Florance #11C, S-Type MV/DK Well					
Well Position	+N/-S	0.0 ft	Northing:	2,101,996.52 ft	Latitude:	36° 46' 36.101 N
	+E/-W	0.0 ft	Easting:	534,988.04 ft	Longitude:	107° 42' 49.918 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	5,812.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	10/7/2010	9.95	63.56	50,837

Design	Original Hole			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	81.00

Survey Program	Date	12/19/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
266.0	4,188.0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
266.0	2.08	31.48	265.9	4.1	2.5	3.1	0.78	0.78	0.00	
296.0	2.39	32.67	295.9	5.1	3.1	3.9	1.04	1.03	3.97	
358.0	3.21	54.00	357.8	7.2	5.2	6.3	2.12	1.32	34.40	
418.0	4.68	65.00	417.7	9.2	8.8	10.2	2.74	2.45	18.33	
479.0	6.15	66.25	478.4	11.6	14.1	15.7	2.42	2.41	2.05	
541.0	7.65	72.44	540.0	14.2	21.0	23.0	2.70	2.42	9.98	
603.0	8.35	74.36	601.4	16.6	29.3	31.6	1.21	1.13	3.10	
665.0	8.73	76.08	662.7	19.0	38.2	40.7	0.74	0.61	2.77	
726.0	8.85	76.68	723.0	21.2	47.3	50.0	0.25	0.20	0.98	
787.0	9.78	76.75	783.2	23.5	56.9	59.9	1.52	1.52	0.11	
849.0	10.54	82.06	844.2	25.4	67.6	70.8	1.94	1.23	8.56	
880.0	10.76	83.75	874.7	26.2	73.3	76.5	1.23	0.71	5.45	

Scientific Drilling International, Inc.
Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Florance #11C
Project:	SJB (NM West)	TVD Reference:	AWS 730 @ 5827.0ft (15' DF + 5812' GL)
Site:	SEC 30-T30N-R8W	MD Reference:	AWS 730 @ 5827.0ft (15' DF + 5812' GL)
Well:	Florance #11C	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
945.0	11.39	82.82	938.5	27.6	85.7	89.0	1.01	0.97	-1.43
1,008.0	12.55	80.89	1,000.1	29.5	98.6	102.0	1.95	1.84	-3.06
1,071.0	14.28	82.93	1,061.4	31.5	113.1	116.6	2.85	2.75	3.24
1,135.0	15.13	85.90	1,123.3	33.1	129.3	132.9	1.77	1.33	4.64
1,198.0	15.37	84.78	1,184.0	34.4	145.8	149.4	0.60	0.38	-1.78
1,261.0	16.66	81.62	1,244.6	36.5	163.0	166.7	2.47	2.05	-5.02
1,324.0	18.39	80.34	1,304.7	39.5	181.8	185.7	2.81	2.75	-2.03
1,388.0	19.84	81.06	1,365.1	42.9	202.5	206.7	2.30	2.27	1.13
1,451.0	22.44	83.73	1,423.9	45.9	225.0	229.4	4.40	4.13	4.24
1,514.0	24.70	85.39	1,481.6	48.2	250.1	254.5	3.74	3.59	2.63
1,577.0	25.17	84.21	1,538.8	50.6	276.5	281.0	1.09	0.75	-1.87
1,640.0	26.13	83.56	1,595.6	53.5	303.6	308.3	1.59	1.52	-1.03
1,703.0	27.21	84.04	1,651.9	56.6	331.7	336.5	1.75	1.71	0.76
1,766.0	28.10	84.96	1,707.7	59.4	360.8	365.7	1.57	1.41	1.46
1,829.0	28.88	84.41	1,763.0	62.2	390.8	395.7	1.31	1.24	-0.87
1,892.0	30.01	84.72	1,817.9	65.1	421.6	426.6	1.81	1.79	0.49
1,955.0	30.47	86.72	1,872.3	67.5	453.2	458.2	1.76	0.73	3.17
2,019.0	29.93	86.28	1,927.6	69.4	485.4	490.2	0.91	-0.84	-0.69
2,082.0	30.03	85.82	1,982.2	71.6	516.8	521.6	0.40	0.16	-0.73
2,145.0	30.11	85.59	2,036.7	74.0	548.2	553.1	0.22	0.13	-0.37
2,208.0	29.48	83.90	2,091.4	76.8	579.4	584.3	1.67	-1.00	-2.68
2,270.0	29.11	81.47	2,145.5	80.7	609.5	614.6	2.01	-0.60	-3.92
2,333.0	29.16	80.78	2,200.5	85.4	639.8	645.3	0.54	0.08	-1.10
2,396.0	29.50	80.37	2,255.4	90.5	670.2	676.1	0.63	0.54	-0.65
2,459.0	29.88	79.25	2,310.2	96.0	701.0	707.3	1.07	0.60	-1.78
2,522.0	28.94	79.93	2,365.0	101.6	731.4	738.3	1.58	-1.49	1.08
2,585.0	28.65	79.79	2,420.2	106.9	761.2	768.6	0.47	-0.46	-0.22
2,648.0	28.69	78.75	2,475.5	112.6	790.9	798.8	0.79	0.06	-1.65
2,711.0	29.86	79.63	2,530.5	118.3	821.2	829.6	1.98	1.86	1.40
2,774.0	31.45	80.77	2,584.7	123.8	852.9	861.7	2.69	2.52	1.81
2,837.0	30.51	81.18	2,638.7	128.9	884.9	894.2	1.53	-1.49	0.65
2,900.0	29.26	84.80	2,693.3	132.7	916.0	925.5	3.48	-1.98	5.75
2,963.0	27.93	83.43	2,748.6	135.8	946.0	955.6	2.35	-2.11	-2.17
3,026.0	25.92	81.74	2,804.8	139.5	974.3	984.1	3.41	-3.19	-2.68
3,089.0	23.86	80.78	2,861.9	143.5	1,000.5	1,010.6	3.33	-3.27	-1.52
3,152.0	22.70	80.61	2,919.8	147.5	1,025.1	1,035.5	1.84	-1.84	-0.27
3,216.0	22.11	81.83	2,979.0	151.3	1,049.2	1,059.9	1.17	-0.92	1.91
3,279.0	20.72	81.38	3,037.6	154.6	1,071.9	1,082.9	2.22	-2.21	-0.71
3,342.0	20.11	80.17	3,096.7	158.1	1,093.6	1,104.9	1.18	-0.97	-1.92
3,405.0	19.33	78.62	3,156.0	162.0	1,114.5	1,126.2	1.49	-1.24	-2.46
3,468.0	18.83	78.84	3,215.5	166.1	1,134.7	1,146.7	0.80	-0.79	0.35
3,531.0	18.53	76.86	3,275.2	170.3	1,154.4	1,166.9	1.11	-0.48	-3.14
3,594.0	16.94	74.93	3,335.2	175.0	1,173.1	1,186.0	2.69	-2.52	-3.06
3,657.0	14.88	74.82	3,395.8	179.5	1,189.7	1,203.2	3.27	-3.27	-0.17
3,720.0	13.76	75.84	3,456.8	183.4	1,204.8	1,218.7	1.82	-1.78	1.62
3,784.0	13.34	76.42	3,519.0	187.0	1,219.4	1,233.6	0.69	-0.66	0.91
3,846.0	12.34	76.17	3,579.5	190.3	1,232.7	1,247.3	1.62	-1.61	-0.40
3,910.0	10.36	77.57	3,642.2	193.2	1,245.0	1,259.9	3.12	-3.09	2.19
3,973.0	9.29	73.18	3,704.3	195.8	1,255.4	1,270.6	2.07	-1.70	-6.97
4,036.0	7.91	71.39	3,766.6	198.7	1,264.4	1,279.9	2.23	-2.19	-2.84
4,099.0	5.67	74.27	3,829.2	200.9	1,271.5	1,287.3	3.60	-3.56	4.57
4,162.0	4.38	80.34	3,891.9	202.2	1,276.9	1,292.8	2.21	-2.05	9.63
4,188.0	4.17	82.61	3,917.8	202.5	1,278.8	1,294.7	1.04	-0.81	8.73