

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised July 16, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35176	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 B
⁷ GRID 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
H	30	30N	8W	7	1409'	NORTH	633'	EAST	SAN JUAN

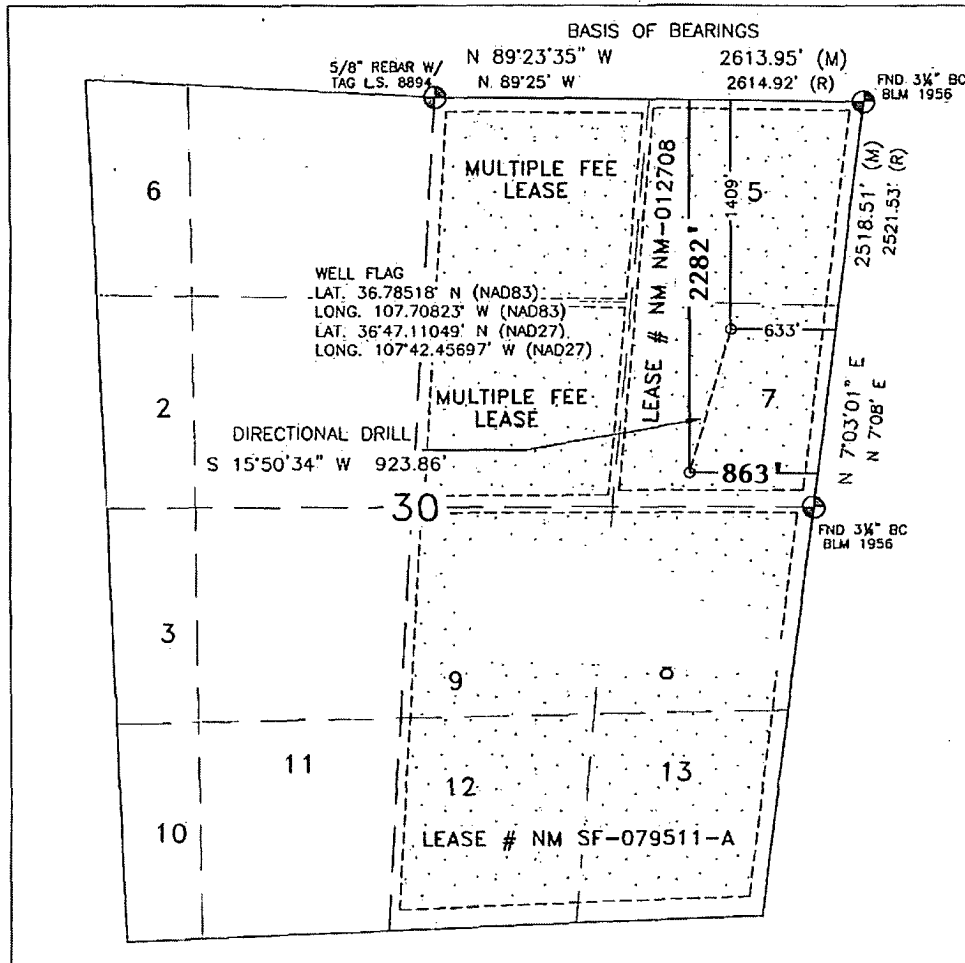
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	30	30N	8W	7	2282	NORTH	863	EAST	SAN JUAN

¹² Dedicated Acres 290.69 - ACRES (E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD JAN 25 '11 OIL CONS. DIV.
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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 **DIST. 3**

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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 1/24/11
Signature Date

Crystal Tafoya 1/24/2011
Printed Name

Email 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.

FEBRUARY 26, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

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

DAVID RUSSELL

Certificate Number 10201

Legal WellName : FLORANCE #11B	API / UWI: 3004535176
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 030-030N-008W-H
St/Prov: NEW MEXICO	N/S Dist (ft): 1,409.00 - FNL
County: SAN JUAN	E/W Dist (ft): 633.00 - FEL

BOVD JAN 25 11
BIL CONS. DIV.
DIST. 3

Wellbore Name : Original Hole

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	11/18/2010	.00	.00	.00

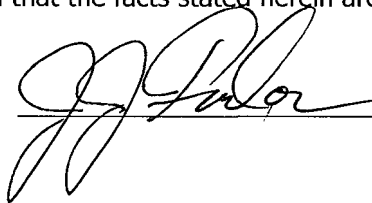
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/18/2010	130.00	.50	.00	Inc-WL	MOTE
11/18/2010	238.00	.75	.00	Inc-WL	MOTE

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
MWD SURVEYS	11/25/2010	.00	.00	.00

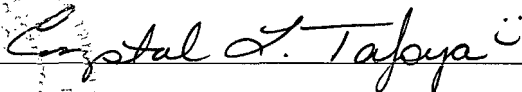
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/26/2010	.00	.00	.00	IncAzi-MWD	Scientific Drilling
11/25/2010	297.00	.44	300.45	IncAzi-MWD	Scientific Drilling
11/25/2010	358.00	.68	258.88	IncAzi-MWD	Scientific Drilling
11/25/2010	419.00	1.72	228.95	IncAzi-MWD	Scientific Drilling
11/25/2010	480.00	3.07	218.28	IncAzi-MWD	Scientific Drilling
11/25/2010	542.00	4.34	213.77	IncAzi-MWD	Scientific Drilling
11/25/2010	604.00	5.39	211.10	IncAzi-MWD	Scientific Drilling
11/25/2010	664.00	6.55	211.53	IncAzi-MWD	Scientific Drilling
11/25/2010	726.00	7.65	209.42	IncAzi-MWD	Scientific Drilling
11/25/2010	788.00	8.99	208.02	IncAzi-MWD	Scientific Drilling
11/25/2010	849.00	10.46	203.96	IncAzi-MWD	Scientific Drilling
11/25/2010	911.00	11.88	202.92	IncAzi-MWD	Scientific Drilling
11/25/2010	977.00	13.21	202.99	IncAzi-MWD	Scientific Drilling
11/25/2010	1,040.00	14.65	203.75	IncAzi-MWD	Scientific Drilling
11/25/2010	1,103.00	16.37	200.32	IncAzi-MWD	Scientific Drilling
11/25/2010	1,166.00	18.02	196.97	IncAzi-MWD	Scientific Drilling
11/25/2010	1,229.00	19.38	195.31	IncAzi-MWD	Scientific Drilling
11/26/2010	1,293.00	21.07	195.04	IncAzi-MWD	Scientific Drilling
11/26/2010	1,356.00	22.29	191.94	IncAzi-MWD	Scientific Drilling
11/26/2010	1,419.00	23.77	191.27	IncAzi-MWD	Scientific Drilling
11/26/2010	1,482.00	25.32	192.13	IncAzi-MWD	Scientific Drilling
11/26/2010	1,545.00	26.87	192.17	IncAzi-MWD	Scientific Drilling
11/26/2010	1,608.00	27.40	190.48	IncAzi-MWD	Scientific Drilling
11/26/2010	1,671.00	27.99	191.11	IncAzi-MWD	Scientific Drilling
11/26/2010	1,734.00	28.78	190.28	IncAzi-MWD	Scientific Drilling
11/26/2010	1,797.00	29.63	190.31	IncAzi-MWD	Scientific Drilling
11/26/2010	1,860.00	30.02	192.38	IncAzi-MWD	Scientific Drilling

11/26/2010	1,921.00	30.11	190.75	IncAzi-MWD	Scientific Drilling
11/26/2010	1,985.00	28.77	191.96	IncAzi-MWD	Scientific Drilling
11/26/2010	2,048.00	28.89	193.26	IncAzi-MWD	Scientific Drilling
11/26/2010	2,111.00	29.33	192.72	IncAzi-MWD	Scientific Drilling
11/26/2010	2,174.00	28.70	192.97	IncAzi-MWD	Scientific Drilling
11/26/2010	2,237.00	28.02	193.62	IncAzi-MWD	Scientific Drilling
11/26/2010	2,300.00	27.09	191.99	IncAzi-MWD	Scientific Drilling
11/26/2010	2,363.00	26.17	193.91	IncAzi-MWD	Scientific Drilling
11/26/2010	2,426.00	25.51	193.71	IncAzi-MWD	Scientific Drilling
11/26/2010	2,489.00	24.91	192.61	IncAzi-MWD	Scientific Drilling
11/26/2010	2,553.00	22.60	193.43	IncAzi-MWD	Scientific Drilling
11/26/2010	2,615.00	20.90	194.19	IncAzi-MWD	Scientific Drilling
11/26/2010	2,679.00	20.20	194.67	IncAzi-MWD	Scientific Drilling
11/26/2010	2,742.00	19.98	194.95	IncAzi-MWD	Scientific Drilling
11/26/2010	2,806.00	17.03	195.79	IncAzi-MWD	Scientific Drilling
11/26/2010	2,868.00	14.31	195.80	IncAzi-MWD	Scientific Drilling
11/26/2010	2,931.00	13.30	194.97	IncAzi-MWD	Scientific Drilling
11/26/2010	2,994.00	11.97	194.27	IncAzi-MWD	Scientific Drilling
11/26/2010	3,057.00	9.16	194.25	IncAzi-MWD	Scientific Drilling
11/26/2010	3,120.00	7.67	196.60	IncAzi-MWD	Scientific Drilling
11/26/2010	3,183.00	6.66	198.03	IncAzi-MWD	Scientific Drilling
11/26/2010	3,246.00	5.66	195.90	IncAzi-MWD	Scientific Drilling
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
FINAL BH SURVEY	12/06/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
12/06/2010	7,195.00	1.25	.00	Inc-WL	Phoenix Services LLC

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



Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014

RCVD JAN 25 '11
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM West)
SEC 30-T30N-R8W
Florance #11B
API# 3004525176
Original Hole

Survey: Actual

Standard Survey Report

06 December, 2010

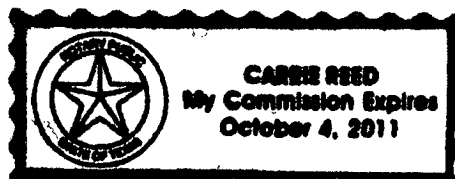
This survey is correct to the best of my knowledge and is supported by actual field data.

W. Hart

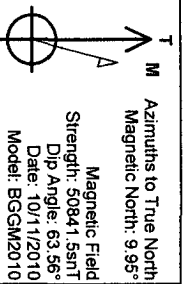
Notorized this date 20th of December, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



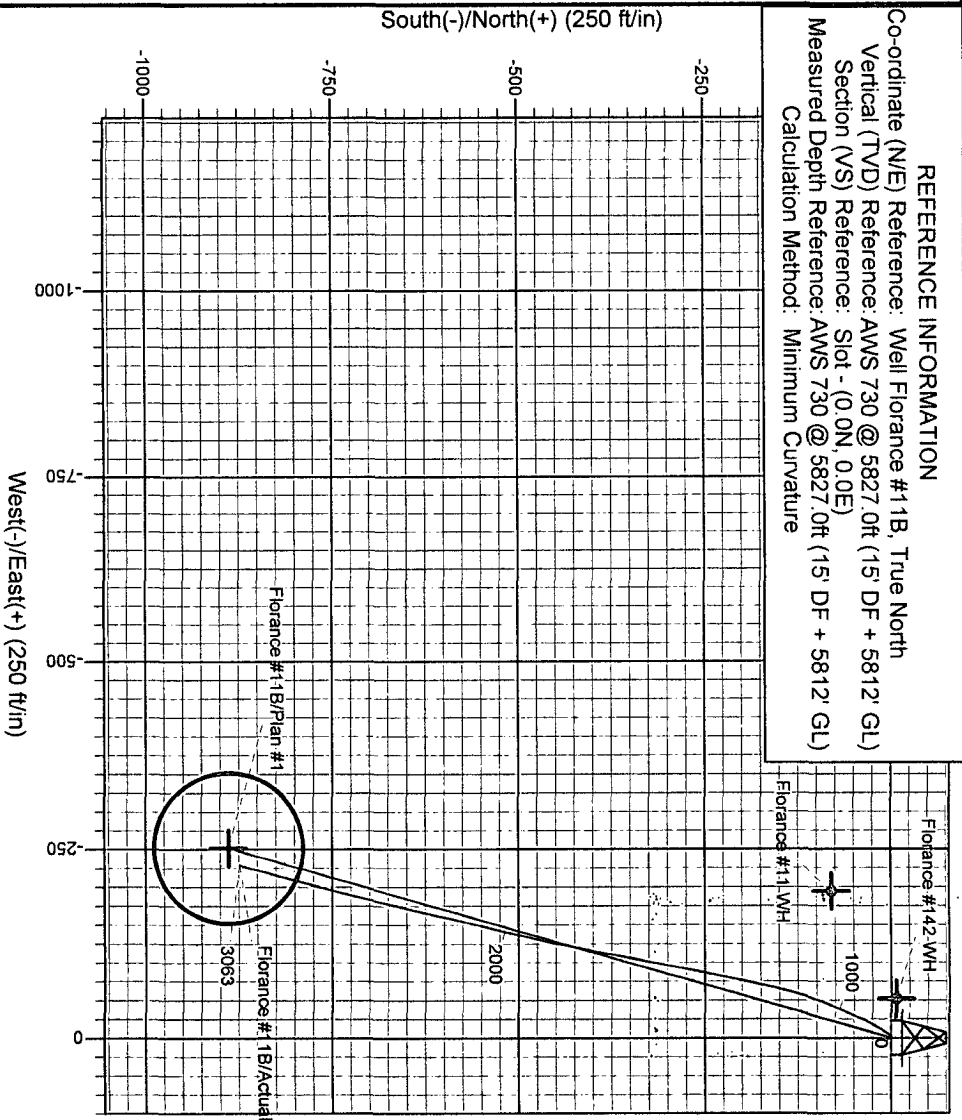
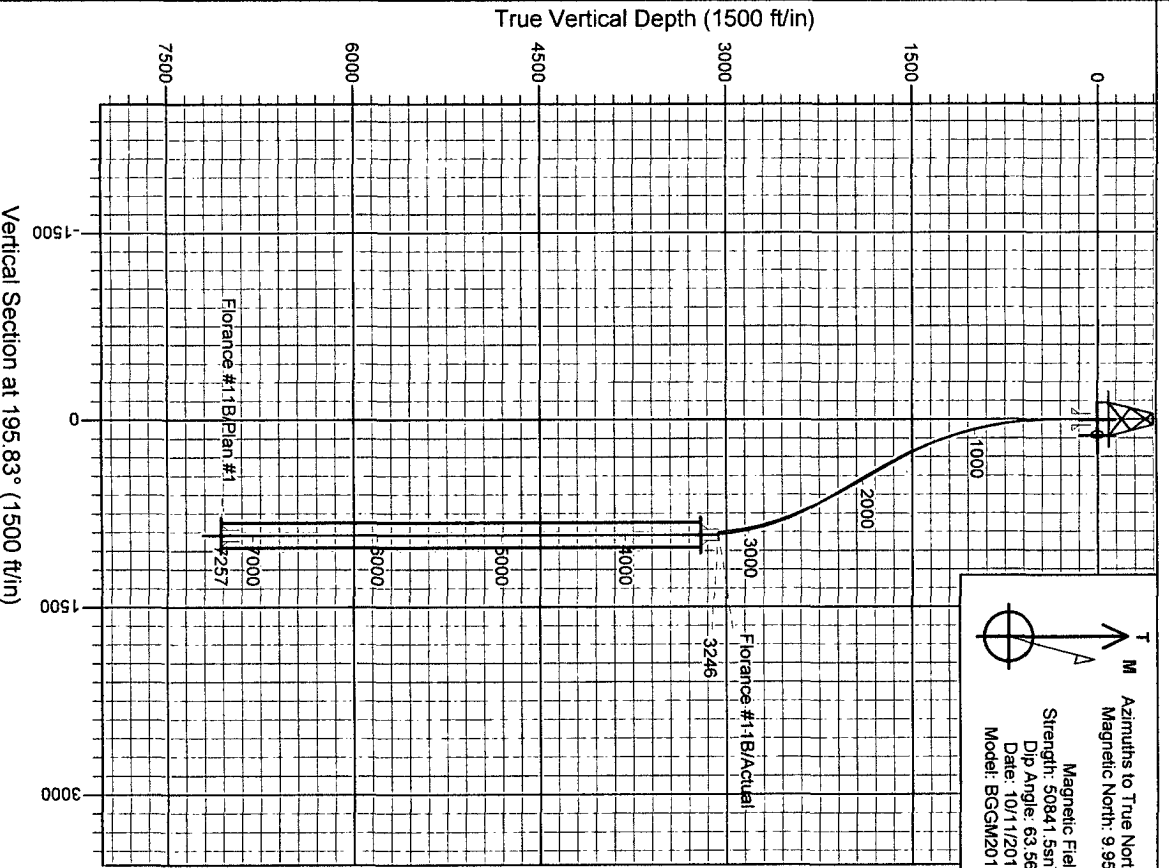
Project: SJB (NM West)
Site: SEC 30-T30N-R8W
Well: Florance #11B
Wellbore: Original Hole
Design: Plan #1



WELL DETAILS: Florance #11B			
AWS 730 @ 5827.0ft (15' DF + 5812' GL)			
Ground Level: 5812.0			
+N/-S	+E/-W	Northing	Easting
0.0	0.0	2105085.98	536814.35
		Latitude	Longitude
		36° 47' 6.629 N	107° 42' 27.418 W
		Slot	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Florance #11B, 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: SJB (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 #11B
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 #11B	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
From:	Lat/Long	Easting:	534,988.04 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 46' 36.101 N
		Longitude:	107° 42' 49.918 W
		Grid Convergence:	0.07 °

Well	Florance #11B, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,105,085.98 ft
	+E/-W	0.0 ft	Easting: 536,814.35 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 47' 6.629 N
		Longitude:	107° 42' 27.418 W
		Ground Level:	5,812.0 ft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination (°)
	BGGM2010	10/11/2010	9.95
			Dip Angle (°) 63.56
			Field Strength (nT) 50,842

Design	Original Hole		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction (°) 194.73

Survey Program	Date	12/19/2010		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
297.0	3,246.0	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
297.0	0.44	300.45	297.0	0.6	-1.0	-0.3	0.15	0.15	0.00
358.0	0.68	258.88	358.0	0.6	-1.5	-0.2	0.75	0.39	-68.15
419.0	1.72	228.95	419.0	0.0	-2.6	0.7	1.94	1.70	-49.07
480.0	3.07	218.28	479.9	-1.9	-4.3	3.0	2.32	2.21	-17.49
542.0	4.34	213.77	541.8	-5.2	-6.6	6.7	2.10	2.05	-7.27
604.0	5.39	211.10	603.6	-9.6	-9.4	11.7	1.73	1.69	-4.31
664.0	6.55	211.53	663.2	-15.0	-12.7	17.7	1.93	1.93	0.72
726.0	7.65	209.42	724.8	-21.6	-16.6	25.1	1.82	1.77	-3.40
788.0	8.99	208.02	786.1	-29.4	-20.9	33.8	2.19	2.16	-2.26
849.0	10.46	203.96	846.2	-38.7	-25.3	43.9	2.66	2.41	-6.66
911.0	11.88	202.92	907.1	-49.7	-30.1	55.7	2.31	2.29	-1.68
977.0	13.21	202.99	971.5	-62.9	-35.7	69.9	2.02	2.02	0.11

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Florance #11B
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 #11B	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)
1,040.0	14.65	203.75	1,032.6	-76.8	-41.7	84.9	2.30	2.29	1.21
1,103.0	16.37	200.32	1,093.3	-92.5	-48.0	101.6	3.09	2.73	-5.44
1,166.0	18.02	196.97	1,153.5	-110.1	-53.9	120.2	3.05	2.62	-5.32
1,229.0	19.38	195.31	1,213.2	-129.5	-59.5	140.4	2.32	2.16	-2.63
1,293.0	21.07	195.04	1,273.2	-150.9	-65.3	162.5	2.64	2.64	-0.42
1,356.0	22.29	191.94	1,331.8	-173.5	-70.7	185.8	2.66	1.94	-4.92
1,419.0	23.77	191.27	1,389.8	-197.6	-75.7	210.4	2.39	2.35	-1.06
1,482.0	25.32	192.13	1,447.1	-223.3	-81.0	236.5	2.52	2.46	1.37
1,545.0	26.87	192.17	1,503.6	-250.4	-86.8	264.2	2.46	2.46	0.06
1,608.0	27.40	190.48	1,559.7	-278.5	-92.5	292.9	1.48	0.84	-2.68
1,671.0	27.99	191.11	1,615.5	-307.3	-98.0	322.1	1.05	0.94	1.00
1,734.0	28.78	190.28	1,670.9	-336.7	-103.5	352.0	1.40	1.25	-1.32
1,797.0	29.63	190.31	1,725.9	-367.0	-109.0	382.6	1.35	1.35	0.05
1,860.0	30.02	192.38	1,780.6	-397.7	-115.2	413.9	1.75	0.62	3.29
1,921.0	30.11	190.75	1,833.4	-427.6	-121.3	444.4	1.35	0.15	-2.67
1,985.0	28.77	191.96	1,889.1	-458.5	-127.5	475.8	2.29	-2.09	1.89
2,048.0	28.89	193.26	1,944.3	-488.1	-134.1	506.2	1.01	0.19	2.06
2,111.0	29.33	192.72	1,999.3	-518.0	-141.0	536.8	0.81	0.70	-0.86
2,174.0	28.70	192.97	2,054.4	-547.8	-147.8	567.3	1.02	-1.00	0.40
2,237.0	28.02	193.62	2,109.9	-576.9	-154.7	597.3	1.19	-1.08	1.03
2,300.0	27.09	191.99	2,165.7	-605.3	-161.2	626.4	1.90	-1.48	-2.59
2,363.0	26.17	193.91	2,222.0	-632.8	-167.5	654.6	2.00	-1.46	3.05
2,426.0	25.51	193.71	2,278.7	-659.5	-174.0	682.1	1.06	-1.05	-0.32
2,489.0	24.91	192.61	2,335.7	-685.6	-180.1	708.9	1.21	-0.95	-1.75
2,553.0	22.60	193.43	2,394.3	-710.7	-185.9	734.6	3.65	-3.61	1.28
2,615.0	20.90	194.19	2,451.9	-733.0	-191.4	757.6	2.78	-2.74	1.23
2,679.0	20.20	194.67	2,511.8	-754.8	-197.0	780.1	1.12	-1.09	0.75
2,742.0	19.98	194.95	2,571.0	-775.7	-202.5	801.7	0.38	-0.35	0.44
2,806.0	17.03	195.79	2,631.7	-795.3	-207.9	822.0	4.63	-4.61	1.31
2,868.0	14.31	195.80	2,691.4	-811.4	-212.5	838.8	4.39	-4.39	0.02
2,931.0	13.30	194.97	2,752.5	-825.9	-216.5	853.8	1.63	-1.60	-1.32
2,994.0	11.97	194.27	2,814.0	-839.2	-220.0	867.6	2.13	-2.11	-1.11
3,057.0	9.16	194.25	2,875.9	-850.4	-222.8	879.1	4.46	-4.46	-0.03
3,120.0	7.67	196.60	2,938.3	-859.3	-225.2	888.3	2.43	-2.37	3.73
3,183.0	6.66	198.03	3,000.8	-866.8	-227.6	896.2	1.63	-1.60	2.27
3,246.0	5.66	195.90	3,063.4	-873.3	-229.5	902.9	1.63	-1.59	-3.38