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, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

"AS DRILLED PLAT"

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name	
30-045-35104	70120	ALBINO	PICTURED CLIFFS

[4] Property Code	[5] Property Name	[6] Well Number
7575	SUSCO 16 STATE	3

[7] OGRID No.	[8] Operator Name	[9] Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY LP	6985

[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
G	16	32 N	8 W		1600	NORTH	1571	EAST	SAN JUAN

[11] Bottom Hole Location If Different From Surface

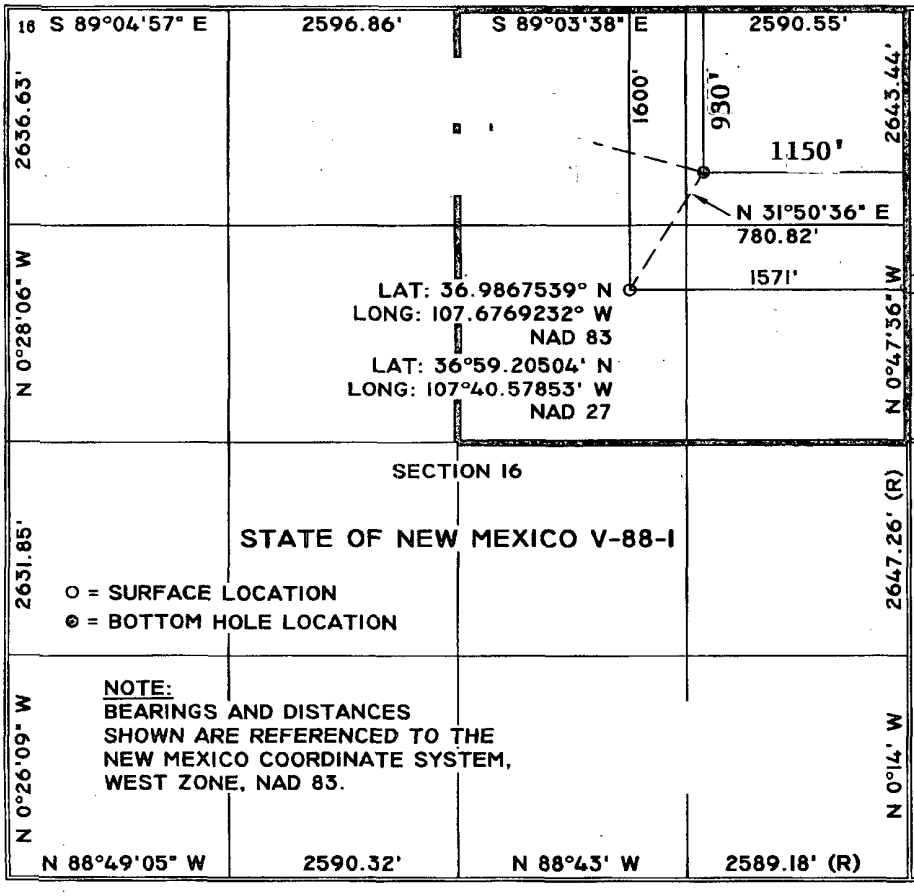
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	16	32 N	8 W		930	NORTH	1150	EAST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160 (NE/4) PC			

RCVD OCT 21 '10
OIL CONS. DIV.

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



[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 10/14/10
Signature Date

Crystal Tafoya 10/14/10
Printed Name

[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.

9/04/09
Date of Survey

Signature and Seal of Professional Surveyor:

MARSHALL W. LINDEEN
NEW MEXICO
12-16-09
17078
REGISTERED PROFESSIONAL SURVEYOR

17078
Certificate Number

COP Deviation Report ConocoPhillips **API: 3004535104**

Legal WellName : SUSCO 16 STATE #3	**API / UWI:** 3004535104
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	**Surf Loc:** 016-032N-008W-G
St/Prov: NEW MEXICO	**N/S Dist (ft):** 1,600.00 - FNL
County: SAN JUAN	**E/W Dist (ft):** 1,571.00 - FEL

RCVD OCT 21 '10
OIL CONS. DIV.
DIST. 3

Wellbore Name : Original Hole

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	05/14/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/14/2010	112.00	.25	.00	Inc-Drop	MO-TE DRILLING INC.
05/14/2010	222.00	.50	.00	Inc-Drop	MO-TE DRILLING INC.

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEY	05/18/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/19/2010	.00	.00	.00	IncAzi-MWD	Scientific Drilling
05/19/2010	239.00	.48	288.42	IncAzi-MWD	Scientific Drilling
05/19/2010	300.00	.88	341.33	IncAzi-MWD	Scientific Drilling
05/19/2010	361.00	2.47	12.50	IncAzi-MWD	Scientific Drilling
05/19/2010	423.00	3.76	12.21	IncAzi-MWD	Scientific Drilling
05/19/2010	484.00	5.18	19.59	IncAzi-MWD	Scientific Drilling
05/19/2010	545.00	6.55	26.88	IncAzi-MWD	Scientific Drilling
05/19/2010	606.00	7.67	28.73	IncAzi-MWD	Scientific Drilling
05/19/2010	668.00	9.13	30.98	IncAzi-MWD	Scientific Drilling
05/19/2010	729.00	10.32	31.42	IncAzi-MWD	Scientific Drilling
05/19/2010	790.00	11.90	30.74	IncAzi-MWD	Scientific Drilling
05/19/2010	852.00	13.15	29.66	IncAzi-MWD	Scientific Drilling
05/19/2010	915.00	14.19	29.50	IncAzi-MWD	Scientific Drilling
05/19/2010	978.00	14.69	30.12	IncAzi-MWD	Scientific Drilling
05/19/2010	1,041.00	15.21	30.22	IncAzi-MWD	Scientific Drilling
05/19/2010	1,104.00	16.23	32.11	IncAzi-MWD	Scientific Drilling
05/19/2010	1,167.00	16.77	33.45	IncAzi-MWD	Scientific Drilling
05/19/2010	1,230.00	17.65	34.32	IncAzi-MWD	Scientific Drilling
05/19/2010	1,294.00	18.20	33.55	IncAzi-MWD	Scientific Drilling
05/19/2010	1,357.00	18.56	32.62	IncAzi-MWD	Scientific Drilling
05/19/2010	1,420.00	18.62	30.88	IncAzi-MWD	Scientific Drilling
05/19/2010	1,483.00	18.63	30.69	IncAzi-MWD	Scientific Drilling
05/19/2010	1,546.00	18.78	32.96	IncAzi-MWD	Scientific Drilling
05/19/2010	1,609.00	18.32	32.80	IncAzi-MWD	Scientific Drilling
05/19/2010	1,672.00	17.64	31.98	IncAzi-MWD	Scientific Drilling
05/19/2010	1,735.00	17.85	31.79	IncAzi-MWD	Scientific Drilling
05/19/2010	1,798.00	19.21	32.45	IncAzi-MWD	Scientific Drilling

05/19/2010	1,861.00	19.48	32.66	IncAzi-MWD	Scientific Drilling
05/19/2010	1,925.00	19.33	32.76	IncAzi-MWD	Scientific Drilling
05/19/2010	1,988.00	19.31	31.93	IncAzi-MWD	Scientific Drilling
05/19/2010	2,051.00	19.19	30.78	IncAzi-MWD	Scientific Drilling
05/19/2010	2,114.00	20.06	31.99	IncAzi-MWD	Scientific Drilling
05/19/2010	2,178.00	21.09	33.57	IncAzi-MWD	Scientific Drilling
05/19/2010	2,240.00	21.69	34.05	IncAzi-MWD	Scientific Drilling
05/19/2010	2,303.00	21.19	33.15	IncAzi-MWD	Scientific Drilling
05/19/2010	2,367.00	20.47	33.07	IncAzi-MWD	Scientific Drilling
05/19/2010	2,429.00	20.38	32.85	IncAzi-MWD	Scientific Drilling
05/20/2010	2,492.00	19.04	31.94	IncAzi-MWD	Scientific Drilling
05/20/2010	2,555.00	16.94	31.16	IncAzi-MWD	Scientific Drilling
05/20/2010	2,618.00	15.22	31.30	IncAzi-MWD	Scientific Drilling
05/20/2010	2,681.00	14.42	31.20	IncAzi-MWD	Scientific Drilling
05/20/2010	2,744.00	13.45	30.38	IncAzi-MWD	Scientific Drilling
05/20/2010	2,807.00	13.26	30.63	IncAzi-MWD	Scientific Drilling
05/20/2010	2,870.00	12.75	29.82	IncAzi-MWD	Scientific Drilling
05/20/2010	2,933.00	12.37	28.30	IncAzi-MWD	Scientific Drilling
05/20/2010	2,996.00	11.38	28.30	IncAzi-MWD	Scientific Drilling
05/20/2010	3,059.00	9.97	29.71	IncAzi-MWD	Scientific Drilling
05/20/2010	3,122.00	9.34	29.99	IncAzi-MWD	Scientific Drilling
05/20/2010	3,186.00	7.72	37.18	IncAzi-MWD	Scientific Drilling
05/20/2010	3,248.00	6.76	42.69	IncAzi-MWD	Scientific Drilling
05/20/2010	3,312.00	6.44	41.13	IncAzi-MWD	Scientific Drilling
05/20/2010	3,375.00	6.01	38.61	IncAzi-MWD	Scientific Drilling
05/20/2010	3,438.00	5.69	36.61	IncAzi-MWD	Scientific Drilling
05/20/2010	3,501.00	5.66	34.84	Projection	Scientific Drilling
05/20/2010	3,564.00	4.74	39.73	IncAzi-MWD	Scientific Drilling
05/20/2010	3,627.00	3.22	41.74	IncAzi-MWD	Scientific Drilling
05/20/2010	3,690.00	2.54	38.86	IncAzi-MWD	Scientific Drilling
05/20/2010	3,753.00	1.50	74.07	IncAzi-MWD	Scientific Drilling
05/20/2010	3,816.00	1.47	72.89	IncAzi-MWD	Scientific Drilling
05/20/2010	3,879.00	1.81	68.83	IncAzi-MWD	Scientific Drilling
05/20/2010	3,942.00	2.05	80.94	IncAzi-MWD	Scientific Drilling
05/20/2010	4,005.00	2.00	91.01	IncAzi-MWD	Scientific Drilling
05/20/2010	4,068.00	.98	114.14	IncAzi-MWD	Scientific Drilling
05/20/2010	4,178.00	.83	103.78	IncAzi-MWD	Scientific Drilling

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 October 14, 2010

Crystal L. Tafoya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014

ConocoPhillips

SJB (NM West)
SEC 16-T32N-R8W
Susco 16 State #3
30-045-35104
Original Hole

Survey: Actual

Standard Survey Report

03 June, 2010

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

Notorized this date 9th of June, 2010.

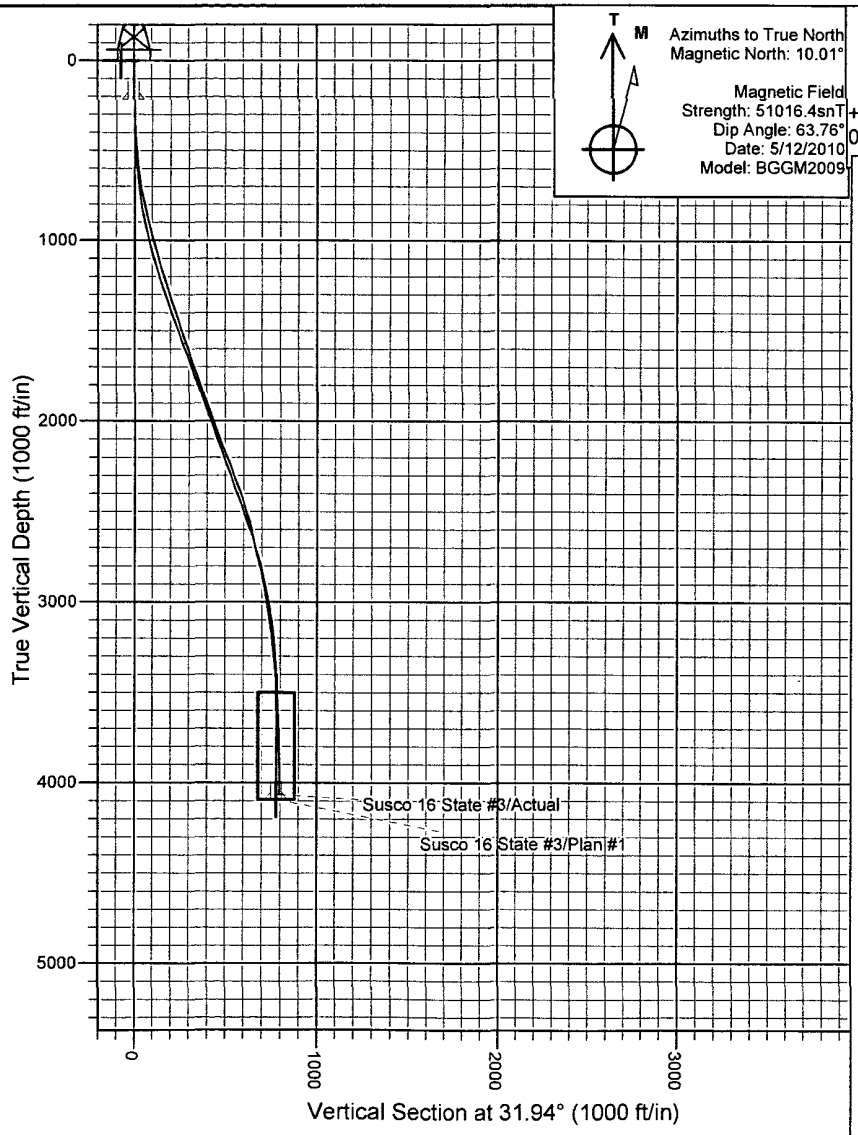
Notary Signature
County of Midland
State of Texas

NOTARY PUBLIC STATE OF TEXAS
CARRIE REED
My Commission Expires
October 4, 2011

Scientific Drilling
Directional Drilling Operations

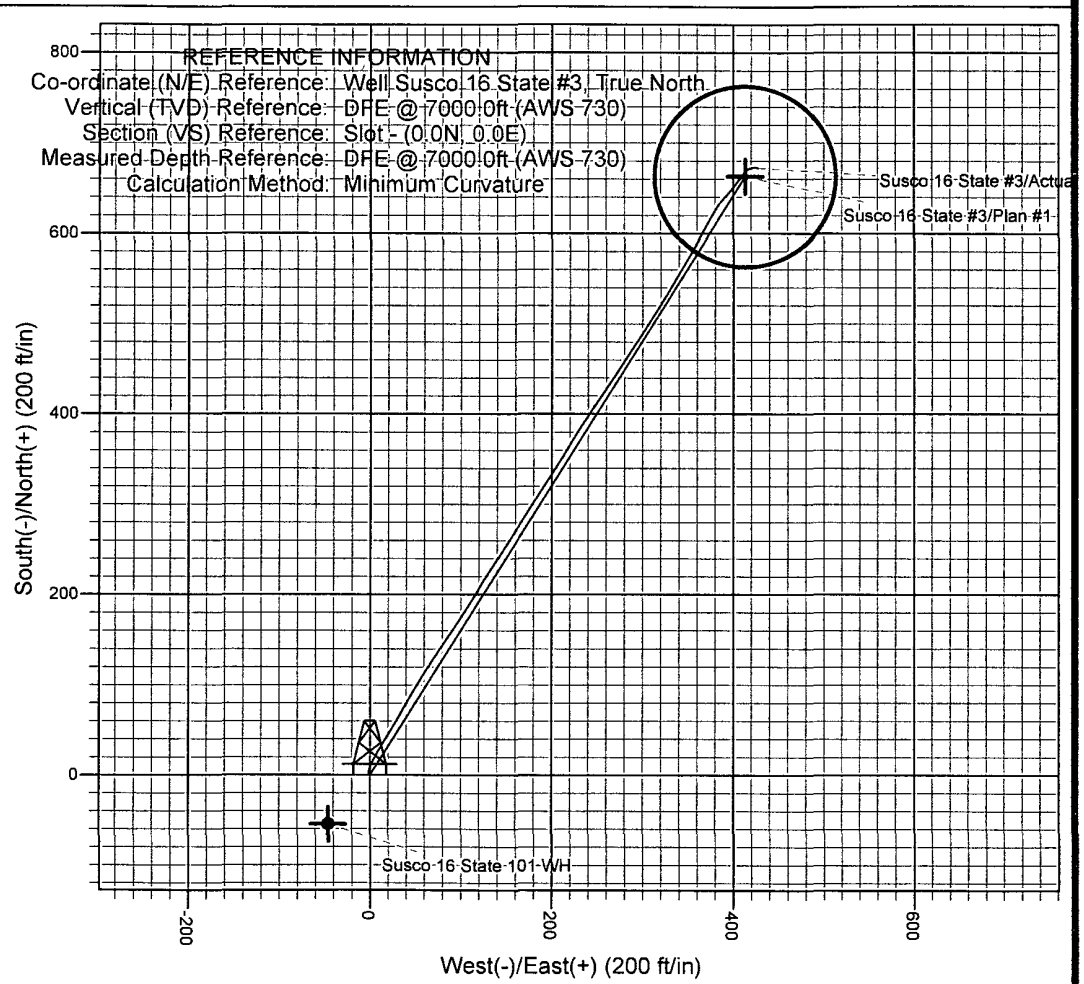
Project: SJB (NM West)
SEC 16-T32N-R8W
Well: Susco 16 State #3
Wellbore: Original Hole
Design: Plan #1
Site:

ConocoPhillips



WELL DETAILS: Susco 16 State #3
DFE @ 7000.0ft (AWS 730)
Ground Level: 6985.0

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	2178483.93	545861.52	36° 59' 12.302 N	107° 40' 34.712 W	



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 16-T32N-R8W
San Juan County NM
Site Centre Latitude: 36° 59' 12.302 N
Longitude: 107° 40' 34.712 W
Positional Uncertainity: 0.0
Convergence: 0.09
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well Susco 16 State #3
Project:	SJB (NM West)	**TVD Reference:**	DFE @ 7000.0ft (AWS 730)
Site:	SEC 16-T32N-R8W	**MD Reference:**	DFE @ 7000.0ft (AWS 730)
Well:	Susco 16 State #3	**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 16-T32N-R8W				
Site Position:		**Northing:**	2,178,483.93 ft	**Latitude:**	36° 59' 12.302 N
From:	Lat/Long	**Easting:**	545,861.52 ft	**Longitude:**	107° 40' 34.712 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	6-1/8"	**Grid Convergence:**	0.09 °

Well	Susco 16 State #3, S-Type FC Well					
Well Position	**+N/-S**	0.0 ft	**Northing:**	2,178,483.93 ft	**Latitude:**	36° 59' 12.302 N
	+E/-W	0.0 ft	**Easting:**	545,861.52 ft	**Longitude:**	107° 40' 34.712 W
Position Uncertainty		3.5 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,985.0 ft

Wellbore	Original Hole				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	BGGM2009	5/12/2010	10.01	63.76	51,016

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	32.46	

Survey Program **Date** 6/3/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
239.0	4,178.0	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
239.0	0.48	288.42	239.0	0.3	-0.9	-0.2	0.20	0.20	0.00
300.0	0.88	341.33	300.0	0.8	-1.3	0.0	1.15	0.66	86.74
361.0	2.47	12.50	361.0	2.6	-1.2	1.5	2.91	2.61	51.10
423.0	3.76	12.21	422.9	5.9	-0.5	4.7	2.08	2.08	-0.47
484.0	5.18	19.59	483.7	10.4	0.9	9.2	2.51	2.33	12.10
545.0	6.55	26.88	544.4	16.1	3.4	15.4	2.55	2.25	11.95
606.0	7.67	28.73	604.9	22.8	6.9	22.9	1.87	1.84	3.03
668.0	9.13	30.98	666.2	30.6	11.4	32.0	2.41	2.35	3.63
729.0	10.32	31.42	726.4	39.4	16.7	42.3	1.95	1.95	0.72
790.0	11.90	30.74	786.2	49.5	22.8	54.0	2.60	2.59	-1.11
852.0	13.15	29.66	846.7	61.1	29.6	67.4	2.05	2.02	-1.74
915.0	14.19	29.50	907.9	74.1	36.9	82.3	1.65	1.65	-0.25

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well Susco 16 State #3
Project:	SJB (NM West)	**TVD Reference:**	DFE @ 7000.0ft (AWS 730)
Site:	SEC 16-T32N-R8W	**MD Reference:**	DFE @ 7000.0ft (AWS 730)
Well:	Susco 16 State #3	**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)
978.0	14.69	30.12	969.0	87.7	44.7	98.0	0.83	0.79	0.98
1,041.0	15.21	30.22	1,029.8	101.8	52.9	114.2	0.83	0.83	0.16
1,104.0	16.23	32.11	1,090.5	116.4	61.7	131.3	1.81	1.62	3.00
1,167.0	16.77	33.45	1,150.9	131.4	71.4	149.2	1.05	0.86	2.13
1,230.0	17.65	34.32	1,211.1	146.9	81.8	167.8	1.46	1.40	1.38
1,294.0	18.20	33.55	1,271.9	163.2	92.8	187.5	0.94	0.86	-1.20
1,357.0	18.56	32.62	1,331.7	179.9	103.7	207.4	0.74	0.57	-1.48
1,420.0	18.62	30.88	1,391.4	196.9	114.2	227.5	0.89	0.10	-2.76
1,483.0	18.63	30.69	1,451.1	214.2	124.5	247.6	0.10	0.02	-0.30
1,546.0	18.78	32.96	1,510.8	231.4	135.2	267.8	1.18	0.24	3.60
1,609.0	18.32	32.80	1,570.5	248.2	146.1	287.8	0.73	-0.73	-0.25
1,672.0	17.64	31.98	1,630.5	264.6	156.5	307.3	1.15	-1.08	-1.30
1,735.0	17.85	31.79	1,690.5	280.9	166.6	326.5	0.35	0.33	-0.30
1,798.0	19.21	32.45	1,750.2	297.9	177.3	346.5	2.18	2.16	1.05
1,861.0	19.48	32.66	1,809.6	315.5	188.5	367.4	0.44	0.43	0.33
1,925.0	19.33	32.76	1,870.0	333.4	200.0	388.6	0.24	-0.23	0.16
1,988.0	19.31	31.93	1,929.5	351.0	211.1	409.5	0.44	-0.03	-1.32
2,051.0	19.19	30.78	1,988.9	368.7	221.9	430.2	0.63	-0.19	-1.83
2,114.0	20.06	31.99	2,048.3	386.8	233.0	451.4	1.52	1.38	1.92
2,178.0	21.09	33.57	2,108.2	405.7	245.1	473.9	1.83	1.61	2.47
2,240.0	21.69	34.05	2,165.9	424.5	257.7	496.5	1.01	0.97	0.77
2,303.0	21.19	33.15	2,224.6	443.6	270.5	519.5	0.95	-0.79	-1.43
2,367.0	20.47	33.07	2,284.4	462.7	282.9	542.3	1.13	-1.13	-0.13
2,429.0	20.38	32.85	2,342.5	480.9	294.7	563.9	0.19	-0.15	-0.35
2,492.0	19.04	31.94	2,401.8	498.8	306.1	585.1	2.18	-2.13	-1.44
2,555.0	16.94	31.16	2,461.7	515.4	316.3	604.6	3.36	-3.33	-1.24
2,618.0	15.22	31.30	2,522.2	530.3	325.3	622.0	2.73	-2.73	0.22
2,681.0	14.42	31.20	2,583.1	544.1	333.7	638.2	1.27	-1.27	-0.16
2,744.0	13.45	30.38	2,644.3	557.1	341.4	653.3	1.57	-1.54	-1.30
2,807.0	13.26	30.63	2,705.6	569.6	348.8	667.9	0.32	-0.30	0.40
2,870.0	12.75	29.82	2,767.0	581.9	356.0	682.0	0.86	-0.81	-1.29
2,933.0	12.37	28.30	2,828.5	593.9	362.6	695.7	0.80	-0.60	-2.41
2,996.0	11.38	28.30	2,890.1	605.3	368.8	708.6	1.57	-1.57	0.00
3,059.0	9.97	29.71	2,952.0	615.5	374.4	720.3	2.28	-2.24	2.24
3,122.0	9.34	29.99	3,014.1	624.7	379.7	730.8	1.00	-1.00	0.44
3,186.0	7.72	37.18	3,077.4	632.6	384.9	740.3	3.03	-2.53	11.23
3,248.0	6.76	42.69	3,138.9	638.6	389.8	748.0	1.91	-1.55	8.89
3,312.0	6.44	41.13	3,202.5	644.1	394.8	755.3	0.57	-0.50	-2.44
3,375.0	6.01	38.61	3,265.1	649.3	399.1	762.1	0.81	-0.68	-4.00
3,438.0	5.69	36.61	3,327.8	654.4	403.1	768.5	0.60	-0.51	-3.17
3,501.0	5.66	34.84	3,390.5	659.4	406.7	774.7	0.28	-0.05	-2.81
3,564.0	4.74	39.73	3,453.2	664.0	410.1	780.4	1.62	-1.46	7.76
3,627.0	3.22	41.74	3,516.1	667.3	413.0	784.7	2.42	-2.41	3.19
3,690.0	2.54	38.86	3,579.0	669.7	415.0	787.8	1.10	-1.08	-4.57
3,753.0	1.50	74.07	3,642.0	671.0	416.7	789.8	2.50	-1.65	55.89
3,816.0	1.47	72.89	3,704.9	671.5	418.3	791.1	0.07	-0.05	-1.87
3,879.0	1.81	68.83	3,767.9	672.1	420.0	792.5	0.57	0.54	-6.44
3,942.0	2.05	80.94	3,830.9	672.6	422.0	794.0	0.75	0.38	19.22
4,005.0	2.00	91.01	3,893.8	672.8	424.2	795.4	0.57	-0.08	15.98
4,068.0	0.98	114.14	3,956.8	672.5	425.8	796.0	1.85	-1.62	36.71
4,178.0	0.83	103.78	4,066.8	672.0	427.4	796.4	0.20	-0.14	-9.42