

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

"AS DRILLED PLAT"☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-039-30751	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 31327	⁵ Property Name SAN JUAN 30-5 UNIT	⁶ Well Number 94M
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6719

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
B	27	30-N	5-W		740	NORTH	1565	EAST	RIO ARRIBA

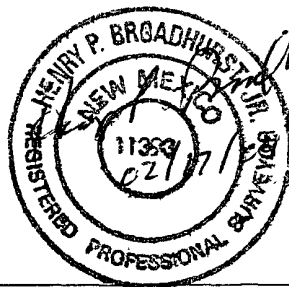
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	27	30-N	5-W		2058	NORTH	1933	EAST	RIO ARRIBA

¹² Dedicated Acres 320.00	¹³ Joint or Infill (E/2)	¹⁴ Consolidation Code	¹⁵ Order No.	RCVD NOV 16 '09 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

16 GLO 1916 N 89°45'31" E N 89°46" E WELL FLAG NAD 83 LAT: 36.788889° N LONG: 107.341061° W NAD 27 LAT: 36°47.332979' N LONG: 107°20.427586' W BOTTOM HOLE 740' 2058' 1565' S 15°21'34" W 1334.8' 1933' GLO 1916 FEE E/2 DEDICATED ACREAGE SF-078738 SECTION 27, T-30-N, R-5-W	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. <i>Crystal Tafoya</i> 11/10/09 Signature Crystal Tafoya Printed Name Regulatory Technician Title and E-mail Address November 10, 2009 Date
	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. Date of Survey: 10/29/08 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393

88

COP Deviation Report

SAN JUAN 30-5 UNIT #94M

Operator CONOCOPHILLIPS COMPANY	Legal WellName SAN JUAN 30-5 UNIT #94M	API / UWI 3003930751	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 027-030N-005W-B	N/S Dist (ft) 740.00	N/S Ref FNL	E/W Dist (ft) 1,565.00	E/W Ref FEL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/31/2009	130.00	1.50	A1SURESHOT	MOTE
7/31/2009	233.00	1.00	A1SURESHOT	MOTE
7/31/2009	293.00	0.48	MWD	Weatherford Directional
8/3/2009	324.00	0.57	MWD	Weatherford Directional
8/3/2009	355.00	1.49	MWD	Weatherford Directional
8/3/2009	386.00	2.11	MWD	Weatherford Directional
8/3/2009	417.00	3.33	MWD	Weatherford Directional
8/3/2009	448.00	4.76	MWD	Weatherford Directional
8/3/2009	479.00	5.90	MWD	Weatherford Directional
8/3/2009	510.00	6.81	MWD	Weatherford Directional
8/3/2009	539.00	7.88	MWD	Weatherford Directional
8/3/2009	570.00	8.81	MWD	Weatherford Directional
8/3/2009	601.00	10.06	MWD	Weatherford Directional
8/3/2009	632.00	11.06	MWD	Weatherford Directional
8/3/2009	663.00	11.81	MWD	Weatherford Directional
8/3/2009	708.00	13.19	MWD	Weatherford Directional
8/3/2009	757.00	13.88	MWD	Weatherford Directional
8/3/2009	802.00	14.69	MWD	Weatherford Directional
8/3/2009	846.00	16.13	MWD	Weatherford Directional
8/3/2009	891.00	16.88	MWD	Weatherford Directional
8/3/2009	936.00	17.75	MWD	Weatherford Directional
8/4/2009	981.00	19.45	MWD	Weatherford Directional
8/4/2009	1,026.00	20.88	MWD	Weatherford Directional
8/4/2009	1,071.00	22.50	MWD	Weatherford Directional
8/4/2009	1,116.00	23.19	MWD	Weatherford Directional
8/4/2009	1,161.00	24.44	MWD	Weatherford Directional
8/4/2009	1,206.00	25.31	MWD	Weatherford Directional
8/4/2009	1,251.00	26.25	MWD	Weatherford Directional
8/4/2009	1,296.00	26.81	MWD	Weatherford Directional
8/4/2009	1,341.00	26.90	MWD	Weatherford Directional
8/4/2009	1,386.00	27.25	MWD	Weatherford Directional
8/4/2009	1,431.00	27.21	MWD	Weatherford Directional
8/4/2009	1,476.00	25.91	MWD	Weatherford Directional
8/4/2009	1,521.00	24.94	MWD	Weatherford Directional
8/4/2009	1,566.00	25.30	MWD	Weatherford Directional
8/4/2009	1,611.00	25.75	MWD	Weatherford Directional

I, the undersigned, certify that I acting in my capacity as _____ 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 _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report

SAN JUAN 30-5 UNIT #94M

Survey Data						
Date	MD (ftKB)	Incl (°)	Method	Survey Company		
8/4/2009	1,656.00	26.06	MWD	Weatherford Directional		
8/4/2009	1,701.00	26.63	MWD	Weatherford Directional		
8/4/2009	1,746.00	26.61	MWD	Weatherford Directional		
8/4/2009	1,791.00	27.26	MWD	Weatherford Directional		
8/4/2009	1,836.00	27.56	MWD	Weatherford Directional		
8/4/2009	1,881.00	27.56	MWD	Weatherford Directional		
8/4/2009	1,926.00	27.50	MWD	Weatherford Directional		
8/4/2009	1,970.00	27.87	MWD	Weatherford Directional		
8/4/2009	2,025.00	27.88	MWD	Weatherford Directional		
8/4/2009	2,060.00	27.94	MWD	Weatherford Directional		
8/4/2009	2,105.00	28.36	MWD	Weatherford Directional		
8/4/2009	2,150.00	28.38	MWD	Weatherford Directional		
8/4/2009	2,195.00	27.88	MWD	Weatherford Directional		
8/4/2009	2,240.00	27.25	MWD	Weatherford Directional		
8/4/2009	2,285.00	26.88	MWD	Weatherford Directional		
8/4/2009	2,330.00	27.31	MWD	Weatherford Directional		
8/4/2009	2,375.00	27.56	MWD	Weatherford Directional		
8/4/2009	2,420.00	27.25	MWD	Weatherford Directional		
8/4/2009	2,465.00	26.75	MWD	Weatherford Directional		
8/4/2009	2,510.00	26.81	MWD	Weatherford Directional		
8/4/2009	2,555.00	26.56	MWD	Weatherford Directional		
8/4/2009	2,600.00	26.19	MWD	Weatherford Directional		
8/4/2009	2,645.00	26.19	MWD	Weatherford Directional		
8/4/2009	2,690.00	26.56	MWD	Weatherford Directional		
8/4/2009	2,735.00	26.65	MWD	Weatherford Directional		
8/4/2009	2,780.00	27.13	MWD	Weatherford Directional		
8/4/2009	2,870.00	27.19	MWD	Weatherford Directional		
8/4/2009	2,915.00	28.00	MWD	Weatherford Directional		
8/4/2009	2,960.00	27.69	MWD	Weatherford Directional		
8/5/2009	3,005.00	27.06	MWD	Weatherford Directional		
8/5/2009	3,050.00	27.54	MWD	Weatherford Directional		
8/5/2009	3,094.00	28.33	MWD	Weatherford Directional		
8/5/2009	3,139.00	28.52	MWD	Weatherford Directional		
8/5/2009	3,184.00	28.94	MWD	Weatherford Directional		
8/5/2009	3,229.00	29.23	MWD	Weatherford Directional		
8/5/2009	3,274.00	28.06	MWD	Weatherford Directional		
8/5/2009	3,319.00	26.81	MWD	Weatherford Directional		
8/5/2009	3,364.00	25.50	MWD	Weatherford Directional		
8/5/2009	3,409.00	24.24	MWD	Weatherford Directional		

I, the undersigned, certify that I acting in my capacity as _____ 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 _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/5/2009	3,454.00	22.88	MWD	Weatherford Directional
8/5/2009	3,499.00	20.94	MWD	Weatherford Directional
8/5/2009	3,544.00	18.56	MWD	Weatherford Directional
8/5/2009	3,589.00	16.81	MWD	Weatherford Directional
8/5/2009	3,634.00	14.63	MWD	Weatherford Directional
8/6/2009	3,679.00	13.00	MWD	Weatherford Directional
8/6/2009	3,724.00	12.34	MWD	Weatherford Directional
8/6/2009	3,769.00	10.94	MWD	Weatherford Directional
8/6/2009	3,814.00	9.81	MWD	Weatherford Directional
8/6/2009	3,859.00	9.21	MWD	Weatherford Directional
8/6/2009	3,904.00	8.25	MWD	Weatherford Directional
8/6/2009	3,949.00	8.06	MWD	Weatherford Directional
8/6/2009	3,994.00	7.56	MWD	Weatherford Directional
8/7/2009	4,039.00	6.25	MWD	Weatherford Directional
8/7/2009	4,084.00	5.19	MWD	Weatherford Directional
8/7/2009	4,129.00	4.18	MWD	Weatherford Directional
8/7/2009	4,153.00	4.10	MWD	Weatherford Directional
8/17/2009	8,380.00	1.25	FINAL BHS	PHOENIX

RCVD NOV 16 '09

OIL CONS. DIV.

DIST. 3

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.

W.H. De

Subscribed and sworn to me this Oct 28, 2009

Crystal L. Taffa

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Weatherford®

Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

ConocoPhillips
San Juan Business Unit
3401 E. 30th Street
Farmington, NM 87402

Date: September 22, 2009

Attention: Nestor Sanchez

RCVD NOV 16 '09

Re: ConocoPhillips Company
Well: San Juan 30-5 Unit 94 M
Rio Arriba County, New Mexico

OIL CONS. DIV.

API# 30-039-30751

DIST. 3

Enclosed, please find the original and one copy of the survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

<u>Name & Title</u> <u>Of Surveyor</u>	<u>Well</u> <u>Number</u>	<u>Surveyed</u> <u>Depths</u>	<u>Dates</u> <u>Performed</u>	<u>Type of</u> <u>Survey</u>
Stephen Joyce	94 M	293' MD	08/02/2009	Measurement
MWD Supervisor	New Drill	4153' MD	08/07/2009	While Drilling

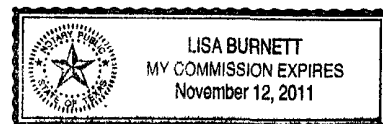
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Luke Schnell
Area Manager

On this, the 22 day of Sept, 2009, before me a notary public, the undersigned officer, personally appeared Luke Schnell, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Notary Public





Weatherford

Evaluation, Drilling & Intervention

10000 West County Rd. 116

P.O. Box 61028

Midland, TX USA 79711

Tel. (432) 561-8892 Fax (432) 561-8895

STATE OF NEW MEXICO
COUNTY OF RIO ARRIBA

I, Stephen Joyce certify that I am employed by Precision Energy Services, Inc., a Weatherford Company, and on the days of 08/02/09 through 08/07/09, I did conduct, or supervise the taking of a Measurement While Drilling survey from a depth of 293 ft. to a depth of 4153 ft., that the data is true, correct, complete, and within the limitations of the tool as set forth by Weatherford; that I am authorized and qualified to make this report, that this survey was conducted at the request of: ConocoPhillips for the San Juan 30-5 Unit #94 M well, API Number 30-039-30751 in Rio Arriba County, New Mexico; and find that it conforms to the principles and procedures as set forth by Weatherford.

Sincerely,

Luke Schnell
Area Manager

ConocoPhillips

SJ 30-5 UNIT #94M
RIO ARriba CO., NEW MEXICO

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	195.63	0.00	0.00	0.00	0.00	0.00	0.00	
2	350.00	0.00	195.63	350.00	0.00	0.00	0.00	195.63	0.00	
3	1267.00	27.51	195.63	1232.17	-207.96	-58.17	3.00	-164.37	215.95	
4	3221.68	27.51	195.63	2965.83	-1077.45	-301.40	0.00	0.00	1118.81	
5	4138.67	0.00	0.00	3848.00	-1285.42	-359.57	3.00	180.00	1334.76	
6	8415.67	0.00	0.00	8125.00	-1285.42	-359.57	0.00	0.00	1334.76	PBHL 2

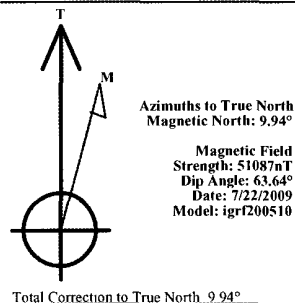
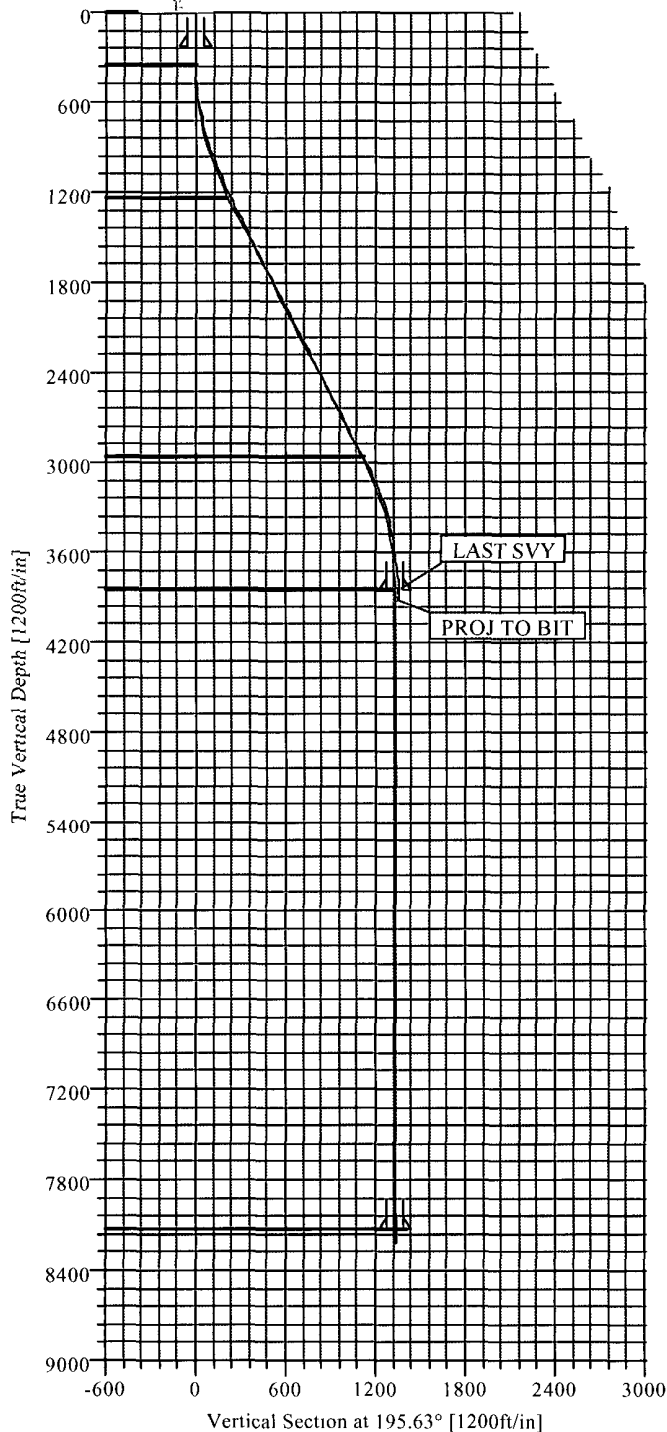
WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#94M	0.00	0.00	2108196.58	180690.40	36°47'19.980N	107°20'25.660W	N/A

TARGET DETAILS

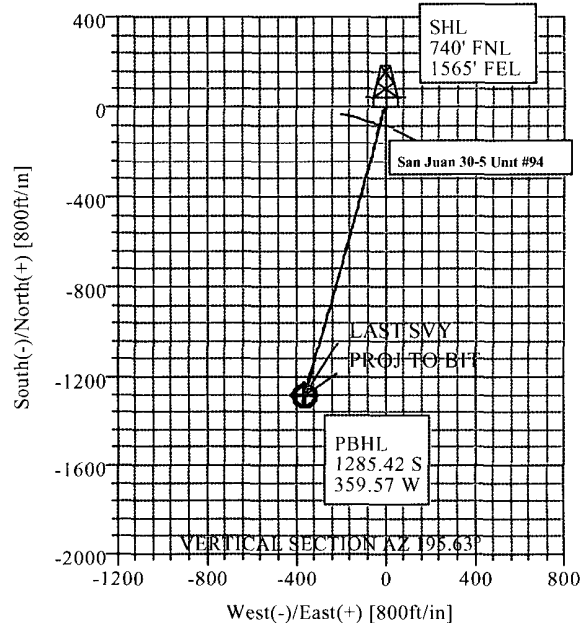
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL 2	8125.00	-1285.42	-359.57	2106915.35	180316.20	36°47'07.270N	107°20'30.080W	Circle (Radius: 50)

KB ELEV. 6735'
GR ELEV. 6719'



FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	2789.00	3022.30	Ojo Alamo
2	2967.00	3222.99	Kirtland
3	2995.00	3254.42	Fruitland
4	3641.00	3931.26	Pictured Cliffs
5	3748.00	4038.62	Lewis
6	4429.00	4719.67	Huerfano Bentonite
7	4735.00	5025.67	Chacra
8	5587.00	5877.67	Massive Cliff House
9	5623.00	5913.67	Menefee
10	5857.00	6147.67	Point Lookout
11	6275.00	6565.67	Mancos
12	7109.00	7399.67	Upper Gallup
13	7845.00	8135.67	Greenhorn
14	7987.00	8277.67	Graneros
15	8003.00	8293.67	Paguate
16	8027.00	8317.67	Upper Cubero
17	8067.00	8357.67	Lower Cubero
18	8125.00	8415.67	Encinal



Weatherford

CASING DETAILS

No.	TVD	MD	Name	Size
1	228.00	228.00	Surface Csg.	0.000
2	3848.00	4138.67	7" Int. Csg.	0.000
3	8125.00	8415.67	4 1/2" Prod. Csg.	0.000

Plan: Plan #2 (#94M/1)

Created By: Lindsey Maddux

Date: 8/7/2009

Weatherford International, Inc.

Survey Report



Weatherford

Company: ConocoPhillips **Date:** 8/7/2009 **Time:** 08:33:43 **Page:** 1
Field: Rio Arriba Co, NM **Co-ordinate(NE) Reference:** Well: #94M, True North
Site: San Juan 30-5 Unit #94M **Vertical (TVD) Reference:** SITE 6735.0
Well: #94M **Section (VS) Reference:** Well (0.00N, 0.00E, 195.63Azi)
Wellpath: 1 **Survey Calculation Method:** Minimum Curvature **Db:** Sybase

Field: Rio Arriba Co, NM

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Central Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf200510

Site: San Juan 30-5 Unit #94M

740' FNL 1565' FEL of SEC 27 T30N R5W

Site Position: Northing: 2108196 58 ft **Latitude:** 36 47 19.980 N
From: Geographic **Easting:** 180690 40 ft **Longitude:** 107 20 25.660 W
Position Uncertainty: 0 00 ft **North Reference:** True
Ground Level: 6719 00 ft **Grid Convergence:** -0.65 deg

Well: #94M

Slot Name:

Well Position: +N/-S 0.00 ft **Northing:** 2108196 58 ft **Latitude:** 36 47 19.980 N
+E/-W 0.00 ft **Easting:** 180690.40 ft **Longitude:** 107 20 25.660 W
Position Uncertainty: 0.00 ft

Wellpath: 1

Current Datum: SITE **Height** 6735 00 ft
Magnetic Data: 7/22/2009
Field Strength: 51087 nT
Vertical Section: Depth From (TVD)

Drilled From: Surface
Tie-on Depth: 0 00 ft
Above System Datum: Mean Sea Level
Declination: 9 94 deg
Mag Dip Angle: 63.64 deg
+E/-W **Direction** deg

0 00 0.00 0.00 0.00 195 63

Survey: WFT SVY

Start Date: 8/5/2009

Company: Weatherford International, Inc
Tool: MWD/MWD - Standard

Engineer: Lindsey Maddux
Tied-to: From Surface

Survey: WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
293.00	0.48	306.26	293.00	0.73	-0.99	-0.43	0.16	0.16	0.00	MWD
324.00	0.57	317.64	324.00	0.92	-1.20	-0.56	0.44	0.29	36.71	MWD
355.00	1.49	268.40	354.99	1.02	-1.71	-0.52	3.87	2.97	-158.84	MWD
386.00	2.11	231.76	385.98	0.65	-2.56	0.06	4.11	2.00	-118.19	MWD
417.00	3.33	216.62	416.94	-0.42	-3.54	1.36	4.53	3.94	-48.84	MWD
448.00	4.76	207.34	447.86	-2.29	-4.67	3.46	5.06	4.61	-29.94	MWD
479.00	5.90	199.72	478.73	-4.93	-5.80	6.31	4.32	3.68	-24.58	MWD
510.00	6.81	196.20	509.54	-8.19	-6.85	9.74	3.19	2.94	-11.35	MWD
539.00	7.88	195.45	538.30	-11.76	-7.86	13.44	3.70	3.69	-2.59	MWD
570.00	8.81	194.08	568.97	-16.11	-9.00	17.94	3.07	3.00	-4.42	MWD
601.00	10.06	193.83	599.55	-21.04	-10.23	23.02	4.03	4.03	-0.81	MWD
632.00	11.06	193.70	630.03	-26.56	-11.58	28.70	3.23	3.23	-0.42	MWD
663.00	11.81	193.95	660.41	-32.53	-13.05	34.84	2.42	2.42	0.81	MWD
708.00	13.19	193.20	704.34	-42.00	-15.33	44.57	3.09	3.07	-1.67	MWD
757.00	13.88	194.20	751.98	-53.14	-18.05	56.04	1.49	1.41	2.04	MWD
802.00	14.69	194.95	795.59	-63.88	-20.84	67.14	1.85	1.80	1.67	MWD
846.00	16.13	194.33	838.01	-75.20	-23.80	78.83	3.29	3.27	-1.41	MWD
891.00	16.88	196.83	881.15	-87.51	-27.23	91.61	2.30	1.67	5.56	MWD
936.00	17.75	192.83	924.11	-100.45	-30.65	104.99	3.28	1.93	-8.89	MWD
981.00	19.45	191.38	966.76	-114.48	-33.65	119.32	3.91	3.78	-3.22	MWD
1026.00	20.88	191.70	1009.00	-129.68	-36.76	134.79	3.19	3.18	0.71	MWD
1071.00	22.50	191.20	1050.82	-145.98	-40.05	151.37	3.62	3.60	-1.11	MWD
1116.00	23.19	191.45	1092.29	-163.11	-43.49	168.80	1.55	1.53	0.56	MWD

Weatherford International, Inc.

Survey Report



Weatherford

Company: ConocoPhillips
 Field: Rio Arriba Co., NM
 Site: San Juan 30-5 Unit #94M
 Well: #94M
 Wellpath: 1

Date: 8/7/2009
 Co-ordinate(NE) Reference: Well: #94M, True North
 Vertical (TVD) Reference: SITE 6735.0
 Section (VS) Reference: Well (0.00N, 0.00E, 195.63Azi)
 Survey Calculation Method: Minimum Curvature
 Db: Sybase

Page: 2

Survey: WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1161.00	24.44	192.70	1133.45	-180.88	-47.29	186.93	3.00	2.78	2.78	MWD
1206.00	25.31	193.95	1174.28	-199.30	-51.66	205.84	2.26	1.93	2.78	MWD
1251.00	26.25	195.20	1214.80	-218.23	-56.59	225.41	2.41	2.09	2.78	MWD
1296.00	26.81	197.33	1255.06	-237.53	-62.22	245.51	2.45	1.24	4.73	MWD
1341.00	26.90	197.60	1295.21	-256.92	-68.32	265.82	0.34	0.20	0.60	MWD
1386.00	27.25	197.70	1335.28	-276.43	-74.53	286.29	0.78	0.78	0.22	MWD
1431.00	27.21	198.14	1375.29	-296.03	-80.86	306.87	0.46	-0.09	0.98	MWD
1476.00	25.91	196.73	1415.54	-315.22	-86.90	326.98	3.21	-2.89	-3.13	MWD
1521.00	24.94	196.20	1456.18	-333.75	-92.38	346.29	2.21	-2.16	-1.18	MWD
1566.00	25.30	195.78	1496.93	-352.11	-97.64	365.40	0.89	0.80	-0.93	MWD
1611.00	25.75	194.70	1537.53	-370.82	-102.73	384.78	1.44	1.00	-2.40	MWD
1656.00	26.06	194.76	1578.01	-389.83	-107.73	404.44	0.69	0.69	0.13	MWD
1701.00	26.63	195.20	1618.34	-409.12	-112.89	424.41	1.34	1.27	0.98	MWD
1746.00	26.61	195.13	1658.57	-428.58	-118.17	444.57	0.08	-0.04	-0.16	MWD
1791.00	27.26	194.74	1698.69	-448.28	-123.42	464.96	1.50	1.44	-0.87	MWD
1836.00	27.56	195.52	1738.64	-468.28	-128.83	485.67	1.04	0.67	1.73	MWD
1881.00	27.56	195.20	1778.53	-488.35	-134.34	506.49	0.33	0.00	-0.71	MWD
1926.00	27.50	195.83	1818.43	-508.39	-139.91	527.29	0.66	-0.13	1.40	MWD
1970.00	27.87	195.64	1857.40	-528.07	-145.45	547.73	0.86	0.84	-0.43	MWD
2015.00	27.88	196.45	1897.17	-548.29	-151.27	568.77	0.84	0.02	1.80	MWD
2060.00	27.94	196.58	1936.94	-568.49	-157.25	589.83	0.19	0.13	0.29	MWD
2105.00	28.36	197.37	1976.62	-588.79	-163.45	611.06	1.25	0.93	1.76	MWD
2150.00	28.38	196.83	2016.21	-609.23	-169.74	632.43	0.57	0.04	-1.20	MWD
2195.00	27.88	195.20	2055.90	-629.62	-175.60	653.64	2.04	-1.11	-3.62	MWD
2240.00	27.25	194.95	2095.79	-649.72	-181.01	674.47	1.42	-1.40	-0.56	MWD
2285.00	26.88	194.33	2135.86	-669.53	-186.19	694.94	1.03	-0.82	-1.38	MWD
2330.00	27.31	194.45	2175.92	-689.39	-191.28	715.43	0.96	0.96	0.27	MWD
2375.00	27.56	196.45	2215.86	-709.37	-196.80	736.16	2.12	0.56	4.44	MWD
2420.00	27.25	195.95	2255.81	-729.26	-202.58	756.87	0.86	-0.69	-1.11	MWD
2465.00	26.75	195.82	2295.91	-748.91	-208.18	777.30	1.12	-1.11	-0.29	MWD
2510.00	26.81	195.58	2336.08	-768.43	-213.66	797.58	0.27	0.13	-0.53	MWD
2555.00	26.56	195.70	2376.29	-787.89	-219.11	817.79	0.57	-0.56	0.27	MWD
2600.00	26.19	196.20	2416.60	-807.11	-224.60	837.78	0.96	-0.82	1.11	MWD
2645.00	26.19	196.08	2456.98	-826.19	-230.12	857.64	0.12	0.00	-0.27	MWD
2735.00	26.65	195.89	2537.58	-864.68	-241.15	897.68	0.52	0.51	-0.21	MWD
2780.00	27.13	196.83	2577.72	-884.21	-246.89	918.03	1.42	1.07	2.09	MWD
2870.00	27.19	195.95	2657.80	-923.62	-258.48	959.11	0.45	0.07	-0.98	MWD
2915.00	28.00	196.20	2697.68	-943.65	-264.25	979.95	1.82	1.80	0.56	MWD
2960.00	27.69	196.07	2737.47	-963.84	-270.09	1000.97	0.70	-0.69	-0.29	MWD
3005.00	27.06	195.83	2777.43	-983.74	-275.78	1021.66	1.42	-1.40	-0.53	MWD
3050.00	27.54	196.28	2817.41	-1003.57	-281.49	1042.30	1.16	1.07	1.00	MWD
3094.00	28.33	195.66	2856.29	-1023.39	-287.16	1062.91	1.91	1.80	-1.41	MWD
3139.00	28.52	195.87	2895.86	-1044.00	-292.98	1084.33	0.48	0.42	0.47	MWD
3184.00	28.94	195.83	2935.32	-1064.81	-298.88	1105.96	0.93	0.93	-0.09	MWD
3229.00	29.23	195.86	2974.65	-1085.86	-304.86	1127.84	0.65	0.64	0.07	MWD
3274.00	28.06	196.02	3014.14	-1106.60	-310.78	1149.41	2.61	-2.60	0.36	MWD
3319.00	26.81	196.20	3054.08	-1126.52	-316.53	1170.14	2.78	-2.78	0.40	MWD
3364.00	25.50	196.70	3094.47	-1145.54	-322.15	1189.97	2.95	-2.91	1.11	MWD
3409.00	24.24	198.08	3135.30	-1163.60	-327.80	1208.89	3.08	-2.80	3.07	MWD
3454.00	22.88	199.08	3176.54	-1180.65	-333.52	1226.85	3.15	-3.02	2.22	MWD
3499.00	20.94	195.58	3218.29	-1196.67	-338.54	1243.63	5.20	-4.31	-7.78	MWD
3544.00	18.56	195.83	3260.64	-1211.30	-342.66	1258.83	5.29	-5.29	0.56	MWD
3589.00	16.81	192.70	3303.52	-1224.54	-346.04	1272.49	4.42	-3.89	-6.96	MWD

Weatherford International, Inc.

Survey Report



Weatherford

Company: ConocoPhillips
 Field: Rio Arriba Co. NM
 Site: San Juan 30-5 Unit #94M
 Well: #94M
 Wellpath: 1

Date: 8/7/2009 Time: 08:33:43 Page: 3
 Co-ordinate(NE) Reference: Well #94M, True North
 Vertical (TVD) Reference: SITE 6735.0
 Section (VS) Reference: Well (0.00N,0.00E,195.63Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
3634.00	14.63	192.90	3346.83	-1236.43	-348.74	1284.67	4.85	-4.84	0.44	MWD
3679.00	13.00	192.70	3390.53	-1246.91	-351.12	1295.40	3.62	-3.62	-0.44	MWD
3724.00	12.34	191.49	3434.43	-1256.56	-353.19	1305.25	1.58	-1.47	-2.69	MWD
3769.00	10.94	191.45	3478.50	-1265.46	-355.00	1314.31	3.11	-3.11	-0.09	MWD
3814.00	9.81	195.33	3522.77	-1273.34	-356.86	1322.40	2.95	-2.51	8.62	MWD
3859.00	9.21	199.97	3567.15	-1280.42	-359.11	1329.83	2.16	-1.33	10.31	MWD
3904.00	8.25	200.33	3611.63	-1286.83	-361.46	1336.63	2.14	-2.13	0.80	MWD
3949.00	8.06	197.08	3656.17	-1292.88	-363.50	1343.01	1.11	-0.42	-7.22	MWD
3994.00	7.56	194.45	3700.76	-1298.76	-365.17	1349.12	1.37	-1.11	-5.84	MWD
4039.00	6.25	192.45	3745.43	-1304.02	-366.44	1354.53	2.96	-2.91	-4.44	MWD
4084.00	5.19	187.58	3790.20	-1308.43	-367.23	1358.99	2.59	-2.36	-10.82	MWD
4129.00	4.18	186.98	3835.05	-1312.07	-367.70	1362.62	2.25	-2.24	-1.33	MWD
4153.00	4.10	185.06	3858.99	-1313.80	-367.88	1364.33	0.67	-0.33	-8.00	LAST SVY @ 4153' MD
4205.00	4.10	185.06	3910.86	-1317.50	-368.21	1367.99	0.00	0.00	0.00	PROJ TO BIT

Annotation

MD ft	TVD ft	
4153.00	3858.99	LAST SVY @ 4153' MD
4205.00	3910.86	PROJ TO BIT