DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
611 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

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	[2] Pool Code	[3] Pool Name
30-045-35383	97232	BASIN MANCOS

[4] Property Code	[5] Property Name	[6] Well Number
39375	YERT COM HZMC	1H

[7] OGRID No.	[8] Operator Name	[9] Elevation
217817	CONOCOPHILLIPS COMPANY	5730'

[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	31	29N	9W	6	1265'	NORTH	2335'	EAST	SAN JUAN

[11] Bottom Hole Location If Different From Surface

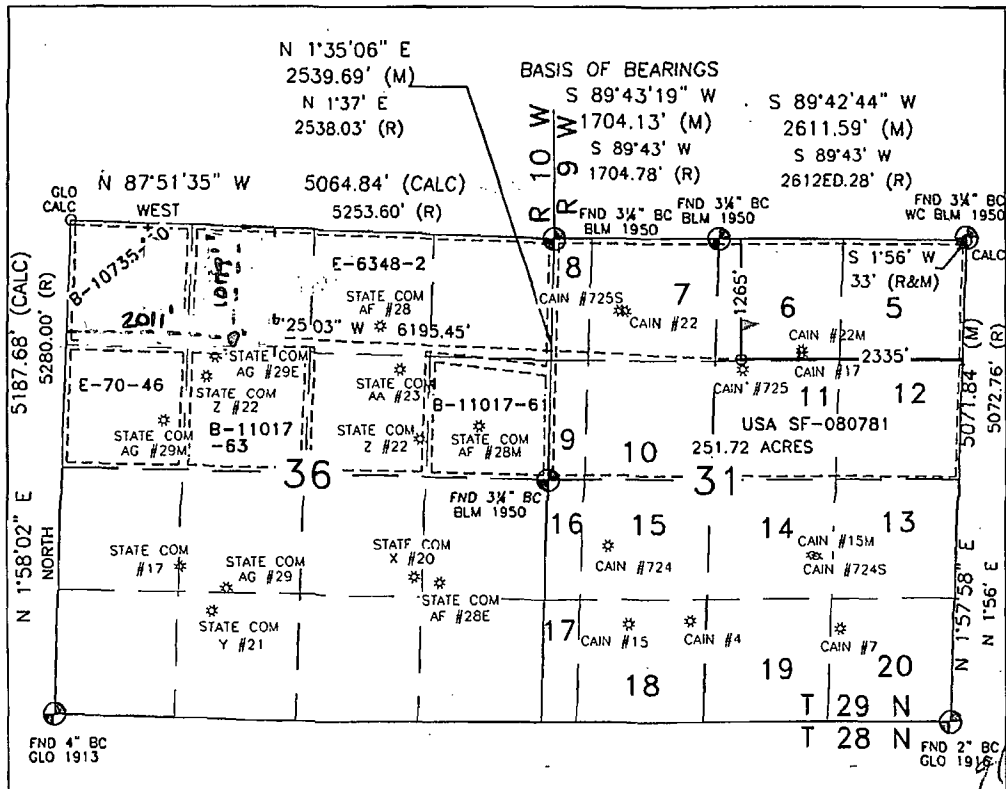
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	36	29N	10W		1077'	NORTH	2011'	WEST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
PROJECT AREA 571.72 ACRES - SEE DETAIL BELOW			R-13499

RCVD DEC 13 '12
OIL CONS. DIV.
DIST. 3

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

16



DETAIL
160.00 ACRES - E-6348-2
40.00 ACRES - B-10735-50
40.00 ACRES - B-11017-61
40.00 ACRES - B-11017-63
40.00 ACRES - E-70-46
251.72 ACRES - USA SF-080781

WELL FLAG
LAT. 36.68594' N (NAD83)
LONG. 107.82165' W (NAD83)
LAT. 36°41.15602' N (NAD27)
LONG. 107°49.26198' W (NAD27)

[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.

Arleen Kellywood 12/13/12
Signature Date

Arleen Kellywood
Printed Name

arleen.r.kellywood@conocophillips.com
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.

MARCH 27, 2012
Date of Survey

Signature and Seal of Professional Surveyor:

DAVID R. RUSSELL NEW MEXICO 10201 REGISTERED PROFESSIONAL SURVEYOR

DAVID RUSSELL
Certificate Number 10201

ConocoPhillips

COP Deviation Report

YERT HZMC #1H

RCVD DEC 13 '12
OIL CONS. DIV.
DIST. 3

Operator	Legal WellName	API / UWI	County	State/Province
CONOCOPHILLIPS COMPANY	YERT HZMC #1H	3004535383	SAN JUAN	NEW MEXICO

Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
031-029N-009W-B	1,265.00	FNL	2,335.00	FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
9/24/2012	75.00	0.25		Inc-WL	Mo Te Drilling Inc
9/24/2012	128.00	0.50		Inc-WL	Mo Te Drilling Inc
9/24/2012	228.00	0.50		Inc-WL	Mo Te Drilling Inc
10/9/2012	484.10	1.30	312.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	544.10	1.20	318.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	605.30	1.30	298.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	666.10	0.80	323.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	730.00	0.90	343.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	792.50	0.80	246.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	855.00	0.30	344.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	979.40	0.90	333.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,102.10	0.50	334.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,166.70	0.60	344.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,241.00	0.50	315.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,305.00	0.30	318.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,367.30	0.90	330.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,400.20	0.30	288.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,431.20	0.80	329.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,463.80	0.20	333.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,527.00	0.50	280.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,589.00	0.90	293.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,621.00	1.00	317.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,652.30	1.10	312.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,686.90	0.60	328.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,718.00	1.10	311.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,749.20	0.70	274.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,781.00	1.10	294.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,812.20	1.20	312.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,843.40	1.20	299.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,875.30	0.80	285.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,906.40	1.20	288.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,938.00	1.50	313.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	1,969.50	0.80	313.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,000.00	0.90	293.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,031.00	1.20	320.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,062.00	1.40	318.80	IncAzi-MWD	Teledrift Proshot

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.

_____

Subcribed and sworn to me this _____

_____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Report Printed: 12/12/2012

ConocoPhillips

COP Deviation Report

YERT HZMC #1H

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
10/9/2012	2,094.00	1.00	281.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,129.00	1.10	284.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,161.00	0.80	314.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,192.00	1.50	311.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,223.00	1.20	284.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,254.00	1.30	289.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,286.00	1.60	302.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,317.00	1.60	299.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,349.00	1.60	327.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,381.00	1.60	328.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,412.00	1.80	309.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,443.00	1.60	303.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,475.00	1.70	306.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,506.00	1.40	323.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,537.00	1.50	327.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,601.00	2.40	335.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,634.00	2.00	319.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,666.00	2.10	322.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,697.00	2.60	324.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,728.00	2.60	340.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,760.00	2.40	325.80	IncAzi-MWD	Teledrift Proshot
10/9/2012	2,791.00	3.00	341.80	IncAzi-MWD	Teledrift Proshot
10/12/2012	2,851.00	2.70	331.00	IncAzi-MWD	Teledrift Proshot
10/13/2012	2,896.00	2.60	335.80	IncAzi-MWD	Teledrift Proshot
10/13/2012	2,958.00	3.10	344.80	IncAzi-MWD	Teledrift Proshot
10/13/2012	2,988.00	2.50	337.80	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,021.00	3.00	339.80	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,085.00	2.60	352.00	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,147.00	1.90	351.00	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,273.00	1.80	340.00	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,335.00	2.00	356.80	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,398.00	1.60	10.00	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,461.00	1.40	14.00	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,531.00	0.80	341.80	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,594.00	0.40	340.80	IncAzi-MWD	Teledrift Proshot
10/13/2012	3,658.00	0.80	29.80	IncAzi-MWD	Teledrift Proshot
10/14/2012	3,720.00	0.10	131.80	IncAzi-MWD	Teledrift Proshot
10/14/2012	3,783.00	0.30	49.00	IncAzi-MWD	Teledrift Proshot
10/14/2012	3,849.00	0.10	174.00	IncAzi-MWD	Teledrift Proshot

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.

_____

Subcribed and sworn to me this _____

_____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Report Printed: 12/12/2012

ConocoPhillips

COP Deviation Report

YERT HZMC #1H

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
10/22/2012	5,176.00	1.47	218.61	IncAzi-MWD	Scientific Drilling
10/22/2012	5,208.00	1.28	233.10	IncAzi-MWD	Scientific Drilling
10/22/2012	5,240.00	2.55	251.91	IncAzi-MWD	Scientific Drilling
10/22/2012	5,271.00	5.58	253.73	IncAzi-MWD	Scientific Drilling
10/22/2012	5,303.00	8.21	255.47	IncAzi-MWD	Scientific Drilling
10/22/2012	5,335.00	11.17	258.15	IncAzi-MWD	Scientific Drilling
10/22/2012	5,367.00	14.09	258.34	IncAzi-MWD	Scientific Drilling
10/22/2012	5,399.00	16.50	261.69	IncAzi-MWD	Scientific Drilling
10/23/2012	5,431.00	18.29	260.26	IncAzi-MWD	Scientific Drilling
10/23/2012	5,462.00	21.23	262.24	IncAzi-MWD	Scientific Drilling
10/23/2012	5,494.00	23.74	264.03	IncAzi-MWD	Scientific Drilling
10/23/2012	5,526.00	25.54	264.23	IncAzi-MWD	Scientific Drilling
10/24/2012	5,558.00	26.04	266.90	IncAzi-MWD	Scientific Drilling
10/24/2012	5,590.00	27.80	270.88	IncAzi-MWD	Scientific Drilling
10/24/2012	5,621.00	35.15	270.20	IncAzi-MWD	Scientific Drilling
10/24/2012	5,653.00	42.66	267.59	IncAzi-MWD	Scientific Drilling
10/24/2012	5,685.00	46.13	268.60	IncAzi-MWD	Scientific Drilling
10/26/2012	5,717.00	50.61	265.61	IncAzi-MWD	Scientific Drilling
10/26/2012	5,749.00	54.59	264.13	IncAzi-MWD	Scientific Drilling
10/27/2012	5,780.00	59.62	264.38	IncAzi-MWD	Scientific Drilling
10/27/2012	5,812.00	61.91	266.69	IncAzi-MWD	Scientific Drilling
10/27/2012	5,844.00	64.21	269.27	IncAzi-MWD	Scientific Drilling
10/27/2012	5,876.00	66.20	270.87	IncAzi-MWD	Scientific Drilling
10/27/2012	5,907.00	69.06	270.44	IncAzi-MWD	Scientific Drilling
10/27/2012	5,939.00	72.25	269.36	IncAzi-MWD	Scientific Drilling
10/27/2012	5,971.00	75.61	268.15	IncAzi-MWD	Scientific Drilling
10/27/2012	6,002.00	79.27	267.52	IncAzi-MWD	Scientific Drilling
10/27/2012	6,034.00	83.64	267.09	IncAzi-MWD	Scientific Drilling
10/27/2012	6,066.00	86.20	266.90	IncAzi-MWD	Scientific Drilling
10/28/2012	6,097.00	86.30	266.76	IncAzi-MWD	Scientific Drilling
10/28/2012	6,128.00	87.51	266.31	IncAzi-MWD	Scientific Drilling
10/28/2012	6,192.00	89.60	266.87	IncAzi-MWD	Scientific Drilling
10/28/2012	6,256.00	89.60	266.96	IncAzi-MWD	Scientific Drilling
10/29/2012	6,319.00	89.97	264.28	IncAzi-MWD	Scientific Drilling
10/29/2012	6,383.00	89.80	263.32	IncAzi-MWD	Scientific Drilling
10/29/2012	6,447.00	90.30	263.20	IncAzi-MWD	Scientific Drilling
10/29/2012	6,511.00	92.83	265.71	IncAzi-MWD	Scientific Drilling
10/29/2012	6,575.00	92.69	269.45	IncAzi-MWD	Scientific Drilling
10/30/2012	6,638.00	93.26	270.59	IncAzi-MWD	Scientific Drilling

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.

_____

Subcribed and sworn to me this _____

_____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Report Printed: 12/12/2012

ConocoPhillips

COP Deviation Report

YERT HZMC #1H

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
10/30/2012	6,702.00	92.28	273.29	IncAzi-MWD	Scientific Drilling
10/30/2012	6,762.00	93.74	273.72	IncAzi-MWD	Scientific Drilling
10/30/2012	6,824.00	95.42	274.21	IncAzi-MWD	Scientific Drilling
10/31/2012	6,886.00	94.04	276.76	IncAzi-MWD	Scientific Drilling
10/31/2012	6,947.00	91.78	277.37	IncAzi-MWD	Scientific Drilling
10/31/2012	7,008.00	90.03	278.25	IncAzi-MWD	Scientific Drilling
10/31/2012	7,070.00	89.26	277.72	IncAzi-MWD	Scientific Drilling
11/1/2012	7,132.00	88.05	276.59	IncAzi-MWD	Scientific Drilling
11/1/2012	7,194.00	87.38	275.03	IncAzi-MWD	Scientific Drilling
11/1/2012	7,255.00	87.41	271.07	IncAzi-MWD	Scientific Drilling
11/1/2012	7,317.00	88.32	267.67	IncAzi-MWD	Scientific Drilling
11/1/2012	7,348.00	90.13	266.62	IncAzi-MWD	Scientific Drilling
11/1/2012	7,379.00	91.95	265.91	IncAzi-MWD	Scientific Drilling
11/1/2012	7,441.00	94.11	266.30	IncAzi-MWD	Scientific Drilling
11/1/2012	7,503.00	96.40	266.77	IncAzi-MWD	Scientific Drilling
11/1/2012	7,565.00	98.54	269.09	IncAzi-MWD	Scientific Drilling
11/1/2012	7,627.00	99.49	271.23	IncAzi-MWD	Scientific Drilling
11/1/2012	7,689.00	97.38	275.17	IncAzi-MWD	Scientific Drilling
11/1/2012	7,720.00	95.12	276.78	IncAzi-MWD	Scientific Drilling
11/2/2012	7,752.00	94.75	277.19	IncAzi-MWD	Scientific Drilling
11/2/2012	7,783.00	93.57	277.12	IncAzi-MWD	Scientific Drilling
11/2/2012	7,813.00	91.34	276.98	IncAzi-MWD	Scientific Drilling
11/2/2012	7,844.00	89.53	275.88	IncAzi-MWD	Scientific Drilling
11/2/2012	7,875.00	89.23	275.54	IncAzi-MWD	Scientific Drilling
11/2/2012	7,906.00	89.66	274.16	IncAzi-MWD	Scientific Drilling
11/2/2012	7,938.00	89.76	272.19	IncAzi-MWD	Scientific Drilling
11/2/2012	7,969.00	90.03	271.33	IncAzi-MWD	Scientific Drilling
11/2/2012	7,999.00	90.57	271.01	IncAzi-MWD	Scientific Drilling
11/2/2012	8,030.00	91.28	270.86	IncAzi-MWD	Scientific Drilling
11/2/2012	8,061.00	91.01	271.89	IncAzi-MWD	Scientific Drilling
11/2/2012	8,092.00	90.24	273.48	IncAzi-MWD	Scientific Drilling
11/2/2012	8,123.00	89.90	274.34	IncAzi-MWD	Scientific Drilling
11/2/2012	8,154.00	88.99	274.87	IncAzi-MWD	Scientific Drilling
11/2/2012	8,185.00	87.24	274.87	IncAzi-MWD	Scientific Drilling
11/2/2012	8,216.00	86.33	274.81	IncAzi-MWD	Scientific Drilling
11/2/2012	8,246.00	84.85	273.07	IncAzi-MWD	Scientific Drilling
11/2/2012	8,277.00	85.15	270.98	IncAzi-MWD	Scientific Drilling
11/2/2012	8,308.00	85.86	269.55	IncAzi-MWD	Scientific Drilling
11/2/2012	8,339.00	86.60	268.46	IncAzi-MWD	Scientific Drilling

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.

_____

Subcribed and sworn to me this _____

_____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Report Printed: 12/12/2012

ConocoPhillips

COP Deviation Report

YERT HZMC #1H

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
11/3/2012	8,371.00	87.61	268.05	IncAzi-MWD	Scientific Drilling
11/3/2012	8,401.00	89.29	268.46	IncAzi-MWD	Scientific Drilling
11/3/2012	8,432.00	89.83	268.58	IncAzi-MWD	Scientific Drilling
11/3/2012	8,462.00	89.23	268.54	IncAzi-MWD	Scientific Drilling
11/3/2012	8,494.00	88.25	268.09	IncAzi-MWD	Scientific Drilling
11/3/2012	8,526.00	87.55	268.10	IncAzi-MWD	Scientific Drilling
11/3/2012	8,558.00	87.41	267.77	IncAzi-MWD	Scientific Drilling
11/3/2012	8,590.00	87.95	267.65	IncAzi-MWD	Scientific Drilling
11/3/2012	8,621.00	88.55	267.66	IncAzi-MWD	Scientific Drilling
11/3/2012	8,653.00	89.60	268.01	IncAzi-MWD	Scientific Drilling
11/3/2012	8,685.00	88.32	267.21	IncAzi-MWD	Scientific Drilling
11/3/2012	8,716.00	87.93	267.13	IncAzi-MWD	Scientific Drilling
11/3/2012	8,748.00	88.22	267.08	IncAzi-MWD	Scientific Drilling
11/3/2012	8,780.00	88.90	267.05	IncAzi-MWD	Scientific Drilling
11/3/2012	8,811.00	89.33	266.82	IncAzi-MWD	Scientific Drilling
11/3/2012	8,843.00	90.22	266.87	IncAzi-MWD	Scientific Drilling
11/3/2012	8,875.00	89.40	266.62	IncAzi-MWD	Scientific Drilling
11/3/2012	8,907.00	89.34	266.52	IncAzi-MWD	Scientific Drilling
11/4/2012	8,939.00	89.97	266.52	IncAzi-MWD	Scientific Drilling
11/4/2012	8,971.00	90.57	266.43	IncAzi-MWD	Scientific Drilling
11/4/2012	9,002.00	89.26	265.82	IncAzi-MWD	Scientific Drilling
11/4/2012	9,034.00	88.90	265.99	IncAzi-MWD	Scientific Drilling
11/4/2012	9,066.00	88.10	266.10	IncAzi-MWD	Scientific Drilling
11/4/2012	9,098.00	88.46	266.50	IncAzi-MWD	Scientific Drilling
11/4/2012	9,130.00	88.64	267.40	IncAzi-MWD	Scientific Drilling
11/4/2012	9,162.00	88.02	269.59	IncAzi-MWD	Scientific Drilling
11/4/2012	9,193.00	87.58	270.89	IncAzi-MWD	Scientific Drilling
11/4/2012	9,225.00	88.02	272.85	IncAzi-MWD	Scientific Drilling
11/4/2012	9,257.00	87.28	274.06	IncAzi-MWD	Scientific Drilling
11/5/2012	9,289.00	88.37	273.81	IncAzi-MWD	Scientific Drilling
11/5/2012	9,321.00	90.17	274.10	IncAzi-MWD	Scientific Drilling
11/5/2012	9,352.00	91.89	274.34	IncAzi-MWD	Scientific Drilling
11/5/2012	9,384.00	92.49	274.34	IncAzi-MWD	Scientific Drilling
11/5/2012	9,416.00	91.28	275.22	IncAzi-MWD	Scientific Drilling
11/5/2012	9,448.00	91.28	275.66	IncAzi-MWD	Scientific Drilling
11/5/2012	9,479.00	91.98	276.71	IncAzi-MWD	Scientific Drilling
11/5/2012	9,511.00	91.78	277.42	IncAzi-MWD	Scientific Drilling
11/5/2012	9,542.00	91.36	279.17	IncAzi-MWD	Scientific Drilling
11/5/2012	9,572.00	90.94	280.57	IncAzi-MWD	Scientific Drilling

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.

_____

Subcribed and sworn to me this _____

_____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

ConocoPhillips

COP Deviation Report

YERT HZMC #1H

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
11/5/2012	9,603.00	90.44	281.35	IncAzi-MWD	Scientific Drilling
11/5/2012	9,633.00	90.87	281.22	IncAzi-MWD	Scientific Drilling
11/5/2012	9,663.00	91.54	281.11	IncAzi-MWD	Scientific Drilling
11/5/2012	9,694.00	91.88	281.07	IncAzi-MWD	Scientific Drilling
11/5/2012	9,725.00	90.50	281.75	IncAzi-MWD	Scientific Drilling
11/5/2012	9,755.00	90.24	282.80	IncAzi-MWD	Scientific Drilling
11/5/2012	9,786.00	89.40	283.22	IncAzi-MWD	Scientific Drilling
11/5/2012	9,817.00	89.36	283.87	IncAzi-MWD	Scientific Drilling
11/5/2012	9,848.00	89.23	284.20	IncAzi-MWD	Scientific Drilling
11/5/2012	9,879.00	89.69	284.80	IncAzi-MWD	Scientific Drilling
11/5/2012	9,910.00	89.83	285.08	IncAzi-MWD	Scientific Drilling
11/5/2012	9,941.00	88.81	285.41	IncAzi-MWD	Scientific Drilling
11/5/2012	9,971.00	87.85	286.29	IncAzi-MWD	Scientific Drilling
11/5/2012	10,002.00	88.08	286.50	IncAzi-MWD	Scientific Drilling
11/5/2012	10,032.00	88.66	286.40	IncAzi-MWD	Scientific Drilling
11/5/2012	10,063.00	89.56	286.15	IncAzi-MWD	Scientific Drilling
11/5/2012	10,093.00	90.37	286.17	IncAzi-MWD	Scientific Drilling
11/5/2012	10,124.00	90.94	286.28	IncAzi-MWD	Scientific Drilling
11/5/2012	10,155.00	91.68	286.24	IncAzi-MWD	Scientific Drilling
11/5/2012	10,186.00	91.41	285.63	IncAzi-MWD	Scientific Drilling
11/5/2012	10,217.00	90.22	286.56	IncAzi-MWD	Scientific Drilling
11/5/2012	10,248.00	90.13	286.02	IncAzi-MWD	Scientific Drilling
11/5/2012	10,278.00	90.03	284.95	IncAzi-MWD	Scientific Drilling
11/5/2012	10,309.00	89.93	284.06	IncAzi-MWD	Scientific Drilling
11/5/2012	10,341.00	89.96	283.04	IncAzi-MWD	Scientific Drilling
11/5/2012	10,371.00	90.24	282.38	IncAzi-MWD	Scientific Drilling
11/5/2012	10,402.00	90.13	281.20	IncAzi-MWD	Scientific Drilling
11/5/2012	10,433.00	89.93	280.33	IncAzi-MWD	Scientific Drilling
11/5/2012	10,464.00	89.69	279.09	IncAzi-MWD	Scientific Drilling
11/5/2012	10,495.00	89.93	278.29	IncAzi-MWD	Scientific Drilling
11/5/2012	10,526.00	89.97	277.49	IncAzi-MWD	Scientific Drilling
11/5/2012	10,557.00	89.90	276.62	IncAzi-MWD	Scientific Drilling
11/5/2012	10,584.00	90.03	276.10	IncAzi-MWD	Scientific Drilling
11/5/2012	10,636.00	90.28	275.10	Projection	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.

Subcribed and sworn to me this 12/12/12

Notary Public in and for San Juan County, New Mexico

My Commission expires 9/29/14

Report Printed: 12/12/2012

ConocoPhillips

ConocoPhillips

SJB (NM West)
SEC 31-T29N-R9W
Yert HZMC #1H

OH

30-045-35383

Survey: Survey #3 – SDI MWD

Standard Survey Report

13 November, 2012

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

Notarized this date 13th of November, 2012.

LeAudra Stanley
Notary Signature
County of Mesa
State of Colorado

NOTARY PUBLIC
LEAUDRA STANLEY
STATE OF COLORADO

My Commission Expires 11/26/2012

Scientific Drilling

ConocoPhillips

Project: SJB (NM West)
Site: SEC 31-T29N-R9W
Well: YERT HZMC #1H
Wellbore: OH
Design: OH

Scientific Drilling

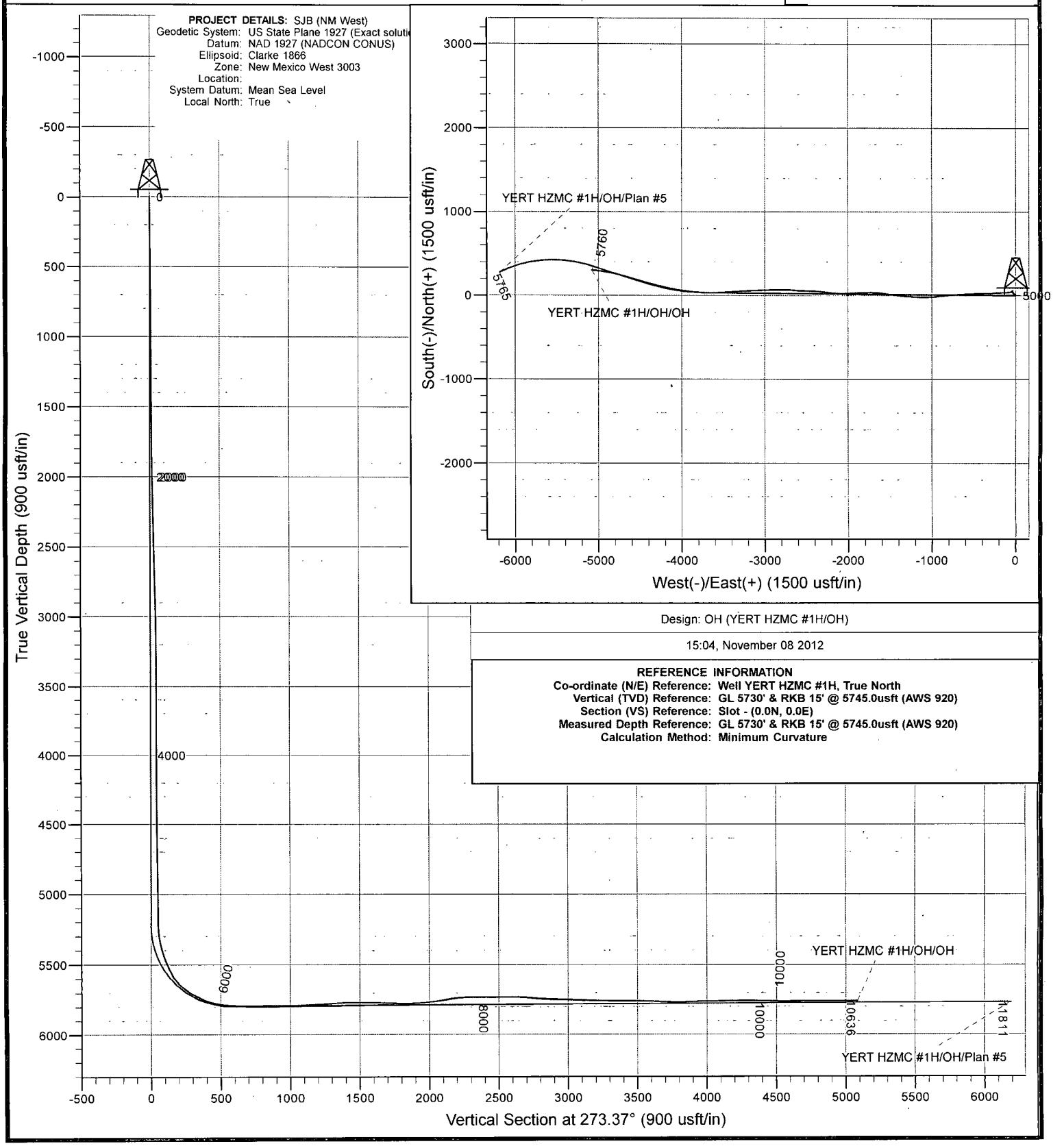
WELL DETAILS: YERT HZMC #1H					
		GL 5730' & RKB 15' @ 5745.0usft (AWS 920)			5730.0
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	2068933.89	503606.59	36° 41' 9.361 N	107° 49' 15.719 W

T M

Azimuths to True North
Magnetic North: 9.79°

Magnetic Field
Strength: 50521.5snT
Dip Angle: 63.36°
Date: 10/03/2012
Model: BGGM2012

PROJECT DETAILS: SJB (NM West)
Geodetic System: US State Plane 1927 (Exact soluti
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico West 3003
Location:
System Datum: Mean Sea Level
Local North: True



Design: OH (YERT HZMC #1H/OH)

15:04, November 08 2012

REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well YERT HZMC #1H, True North
Vertical (TVD) Reference: GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Calculation Method: Minimum Curvature

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well YERT HZMC #1H
Project:	SJB (NM West)	**TVD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Site:	SEC 31-T29N-R9W	**MD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Well:	YERT HZMC #1H	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	Farmington R5000 DB

Project SJB (NM West), San Juan County, 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)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site SEC 31-T29N-R9W

Site Position:		**Northing:**	2,068,933.89 usft	**Latitude:**	36° 41' 9.361 N
From:	Lat/Long	**Easting:**	503,606.59 usft	**Longitude:**	107° 49' 15.719 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.01 °

Well YERT HZMC #1H, 1265' FNL & 2335' FEL

Well Position	**+N/-S**	0.0 usft	**Northing:**	2,068,933.89 usft	**Latitude:**	36° 41' 9.361 N
	+E/-W	0.0 usft	**Easting:**	503,606.59 usft	**Longitude:**	107° 49' 15.719 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	5,730.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	10/03/12	9.80	63.36	50,522

Design OH

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	273.37

Survey Program **Date** 11/12/12

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
75.0	228.0	Survey #1 - INC ONLY (OH)	INCLINOMETER	Inclination Only : < 3 degrees
484.1	3,849.0	Survey #2 - MWD Surveys (OH)	MWD	MWD - Standard ISCWSA
5,176.0	10,584.0	Survey #3 - SDI MWD (OH)	MWD SDI	MWD - Standard ver 1.0.1

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,849.0	0.10	174.00	3,847.9	60.5	-37.4	40.9	0.00	0.00	0.00
5,176.0	1.47	218.61	5,174.7	46.1	-47.9	50.5	0.11	0.10	3.36
5,208.0	1.28	233.10	5,206.7	45.5	-48.5	51.1	1.23	-0.59	45.28
5,240.0	2.55	251.91	5,238.7	45.1	-49.4	52.0	4.38	3.97	58.78
5,271.0	5.58	253.73	5,269.6	44.5	-51.5	54.1	9.78	9.77	5.87
5,303.0	8.21	255.47	5,301.4	43.5	-55.2	57.7	8.24	8.22	5.44
5,335.0	11.17	258.15	5,332.9	42.2	-60.5	62.9	9.35	9.25	8.38
5,367.0	14.09	258.34	5,364.1	40.8	-67.3	69.6	9.13	9.13	0.59
5,399.0	16.50	261.69	5,395.0	39.4	-75.6	77.8	8.02	7.53	10.47

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well YERT HZMC #1H
Project:	SJB (NM West)	**TVD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Site:	SEC 31-T29N-R9W	**MD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Well:	YERT HZMC #1H	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	Farmington R5000 DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,431.0	18.29	260.26	5,425.5	37.9	-85.1	87.2	5.75	5.59	-4.47
5,462.0	21.23	262.24	5,454.7	36.3	-95.4	97.4	9.73	9.48	6.39
5,494.0	23.74	264.03	5,484.3	34.8	-107.6	109.5	8.13	7.84	5.59
5,526.0	25.54	264.23	5,513.4	33.5	-120.9	122.6	5.63	5.63	0.63
5,558.0	26.04	266.90	5,542.2	32.4	-134.7	136.4	3.95	1.56	8.34
5,590.0	27.80	270.88	5,570.7	32.1	-149.2	150.8	7.87	5.50	12.44
5,621.0	35.15	270.20	5,597.1	32.3	-165.4	167.0	23.74	23.71	-2.19
5,653.0	42.66	267.59	5,622.0	31.8	-185.5	187.0	24.02	23.47	-8.16
5,685.0	46.13	268.60	5,644.9	31.1	-207.8	209.3	11.07	10.84	3.16
5,717.0	50.61	265.61	5,666.1	29.9	-231.7	233.1	15.64	14.00	-9.34
5,748.0	54.59	264.13	5,685.0	27.7	-256.2	257.4	13.39	12.84	-4.77
5,780.0	59.62	264.38	5,702.3	25.0	-283.0	283.9	15.73	15.72	0.78
5,812.0	61.91	266.69	5,718.0	22.8	-310.8	311.6	9.53	7.16	7.22
5,844.0	64.21	269.27	5,732.5	21.8	-339.3	340.0	10.16	7.19	8.06
5,875.0	66.20	270.87	5,745.5	21.9	-367.4	368.1	7.95	6.42	5.16
5,907.0	69.06	270.44	5,757.6	22.2	-397.0	397.6	9.02	8.94	-1.34
5,939.0	72.25	269.36	5,768.2	22.1	-427.2	427.8	10.46	9.97	-3.38
5,971.0	75.61	268.15	5,777.1	21.5	-458.0	458.4	11.11	10.50	-3.78
6,002.0	79.27	267.52	5,783.8	20.3	-488.2	488.5	11.97	11.81	-2.03
6,034.0	83.64	267.09	5,788.6	18.8	-519.8	520.0	13.72	13.66	-1.34
6,066.0	86.20	266.90	5,791.4	17.2	-551.6	551.7	8.02	8.00	-0.59
6,098.0	86.30	266.76	5,793.5	15.4	-583.5	583.4	0.54	0.31	-0.44
6,129.0	87.51	266.31	5,795.2	13.5	-614.4	614.1	4.16	3.90	-1.45
6,193.0	89.60	266.87	5,796.8	9.7	-678.3	677.7	3.38	3.27	0.88
6,257.0	89.60	266.96	5,797.3	6.3	-742.2	741.2	0.14	0.00	0.14
6,320.0	89.97	264.28	5,797.5	1.5	-805.0	803.7	4.29	0.59	-4.25
6,384.0	89.80	263.32	5,797.6	-5.4	-868.6	866.8	1.52	-0.27	-1.50
6,448.0	90.30	263.20	5,797.6	-13.0	-932.2	929.8	0.80	0.78	-0.19
6,511.0	92.83	265.71	5,795.8	-19.0	-994.8	992.0	5.66	4.02	3.98
6,575.0	92.69	269.45	5,792.8	-21.7	-1,058.7	1,055.6	5.84	-0.22	5.84
6,638.0	93.26	270.59	5,789.5	-21.7	-1,121.6	1,118.4	2.02	0.90	1.81
6,702.0	92.28	273.29	5,786.4	-19.6	-1,185.5	1,182.3	4.48	-1.53	4.22
6,762.0	93.74	273.72	5,783.2	-15.9	-1,245.3	1,242.2	2.54	2.43	0.72
6,824.0	95.42	274.21	5,778.3	-11.6	-1,306.9	1,304.0	2.82	2.71	0.79
6,886.0	94.04	276.76	5,773.2	-5.7	-1,368.4	1,365.7	4.66	-2.23	4.11
6,947.0	91.78	277.37	5,770.1	1.8	-1,428.9	1,426.5	3.84	-3.70	1.00
7,008.0	90.03	278.25	5,769.1	10.1	-1,489.3	1,487.3	3.21	-2.87	1.44
7,070.0	89.26	277.72	5,769.5	18.7	-1,550.7	1,549.1	1.51	-1.24	-0.85
7,132.0	88.05	276.59	5,771.0	26.4	-1,612.2	1,611.0	2.67	-1.95	-1.82
7,194.0	87.38	275.03	5,773.4	32.7	-1,673.8	1,672.9	2.74	-1.08	-2.52
7,255.0	87.41	271.07	5,776.2	35.9	-1,734.7	1,733.8	6.49	0.05	-6.49
7,317.0	88.32	267.67	5,778.5	35.2	-1,796.6	1,795.6	5.67	1.47	-5.48
7,348.0	90.13	266.62	5,778.9	33.7	-1,827.6	1,826.4	6.75	5.84	-3.39

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well YERT HZMC #1H
Project:	SJB (NM West)	**TVD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Site:	SEC 31-T29N-R9W	**MD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Well:	YERT HZMC #1H	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	Farmington R5000 DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,379.0	91.95	265.91	5,778.4	31.7	-1,858.5	1,857.1	6.30	5.87	-2.29
7,441.0	94.11	266.30	5,775.1	27.5	-1,920.3	1,918.6	3.54	3.48	0.63
7,503.0	96.40	266.77	5,769.4	23.7	-1,981.9	1,979.9	3.77	3.69	0.76
7,565.0	98.54	269.09	5,761.4	21.5	-2,043.3	2,041.0	5.07	3.45	3.74
7,627.0	99.49	271.23	5,751.6	21.7	-2,104.5	2,102.2	3.74	1.53	3.45
7,689.0	97.38	275.17	5,742.5	25.1	-2,165.8	2,163.5	7.15	-3.40	6.35
7,720.0	95.12	276.78	5,739.2	28.3	-2,196.4	2,194.3	8.93	-7.29	5.19
7,752.0	94.75	277.19	5,736.4	32.2	-2,228.1	2,226.1	1.72	-1.16	1.28
7,783.0	93.57	277.12	5,734.2	36.0	-2,258.7	2,256.9	3.81	-3.81	-0.23
7,813.0	91.34	276.98	5,732.9	39.7	-2,288.5	2,286.8	7.45	-7.43	-0.47
7,844.0	89.53	275.88	5,732.6	43.2	-2,319.3	2,317.8	6.83	-5.84	-3.55
7,875.0	89.23	275.54	5,733.0	46.3	-2,350.1	2,348.8	1.46	-0.97	-1.10
7,906.0	89.66	274.16	5,733.3	48.9	-2,381.0	2,379.8	4.66	1.39	-4.45
7,938.0	89.76	272.19	5,733.4	50.7	-2,413.0	2,411.8	6.16	0.31	-6.16
7,969.0	90.03	271.33	5,733.5	51.6	-2,443.9	2,442.7	2.91	0.87	-2.77
7,999.0	90.57	271.01	5,733.3	52.2	-2,473.9	2,472.7	2.09	1.80	-1.07
8,030.0	91.28	270.87	5,732.8	52.7	-2,504.9	2,503.7	2.33	2.29	-0.45
8,061.0	91.01	271.89	5,732.2	53.5	-2,535.9	2,534.7	3.40	-0.87	3.29
8,092.0	90.24	273.48	5,731.9	54.9	-2,566.9	2,565.7	5.70	-2.48	5.13
8,123.0	89.90	274.34	5,731.8	57.1	-2,597.8	2,596.7	2.98	-1.10	2.77
8,154.0	88.99	274.87	5,732.1	59.5	-2,628.7	2,627.6	3.40	-2.94	1.71
8,185.0	87.24	274.87	5,733.2	62.2	-2,659.6	2,658.6	5.65	-5.65	0.00
8,216.0	86.33	274.81	5,734.9	64.8	-2,690.4	2,689.6	2.94	-2.94	-0.19
8,246.0	84.85	273.07	5,737.2	66.8	-2,720.2	2,719.5	7.60	-4.93	-5.80
8,277.0	85.15	270.98	5,739.9	67.9	-2,751.1	2,750.3	6.79	0.97	-6.74
8,308.0	85.86	269.55	5,742.3	68.1	-2,782.0	2,781.2	5.14	2.29	-4.61
8,339.0	86.60	268.46	5,744.4	67.5	-2,812.9	2,812.0	4.24	2.39	-3.52
8,371.0	87.61	268.05	5,746.0	66.6	-2,844.9	2,843.9	3.41	3.16	-1.28
8,401.0	89.29	268.46	5,746.8	65.7	-2,874.9	2,873.7	5.76	5.60	1.37
8,432.0	89.83	268.58	5,747.0	64.9	-2,905.8	2,904.6	1.78	1.74	0.39
8,462.0	89.23	268.54	5,747.3	64.1	-2,935.8	2,934.5	2.00	-2.00	-0.13
8,494.0	88.25	268.09	5,748.0	63.2	-2,967.8	2,966.4	3.37	-3.06	-1.41
8,526.0	87.55	268.10	5,749.2	62.1	-2,999.8	2,998.2	2.19	-2.19	0.03
8,558.0	87.41	267.77	5,750.6	60.9	-3,031.7	3,030.1	1.12	-0.44	-1.03
8,590.0	87.95	267.65	5,751.9	59.7	-3,063.7	3,061.9	1.73	1.69	-0.38
8,621.0	88.55	267.66	5,752.8	58.4	-3,094.6	3,092.7	1.94	1.94	0.03
8,653.0	89.60	268.01	5,753.3	57.2	-3,126.6	3,124.5	3.46	3.28	1.09
8,685.0	88.32	267.21	5,753.9	55.9	-3,158.6	3,156.4	4.72	-4.00	-2.50
8,716.0	87.93	267.13	5,754.9	54.3	-3,189.5	3,187.2	1.28	-1.26	-0.26
8,748.0	88.22	267.08	5,756.0	52.7	-3,221.5	3,219.0	0.92	0.91	-0.16
8,780.0	88.90	267.05	5,756.8	51.1	-3,253.4	3,250.8	2.13	2.13	-0.09
8,811.0	89.33	266.82	5,757.3	49.4	-3,284.4	3,281.6	1.57	1.39	-0.74
8,843.0	90.22	266.87	5,757.4	47.7	-3,316.3	3,313.4	2.79	2.78	0.16

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well YERT HZMC #1H
Project:	SJB (NM West)	**TVD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Site:	SEC 31-T29N-R9W	**MD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Well:	YERT HZMC #1H	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	Farmington R5000 DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,875.0	89.40	266.62	5,757.5	45.8	-3,348.3	3,345.1	2.68	-2.56	-0.78
8,907.0	89.34	266.52	5,757.9	43.9	-3,380.2	3,376.9	0.36	-0.19	-0.31
8,939.0	89.97	266.52	5,758.1	42.0	-3,412.1	3,408.7	1.97	1.97	0.00
8,971.0	90.57	266.43	5,757.9	40.0	-3,444.1	3,440.5	1.90	1.88	-0.28
9,002.0	89.26	265.82	5,758.0	37.9	-3,475.0	3,471.2	4.66	-4.23	-1.97
9,034.0	88.90	265.99	5,758.5	35.6	-3,506.9	3,502.9	1.24	-1.13	0.53
9,066.0	88.18	266.10	5,759.3	33.4	-3,538.8	3,534.7	2.28	-2.25	0.34
9,098.0	88.46	266.52	5,760.2	31.4	-3,570.7	3,566.4	1.58	0.88	1.31
9,130.0	88.64	267.40	5,761.0	29.7	-3,602.7	3,598.2	2.81	0.56	2.75
9,162.0	88.02	269.59	5,762.0	28.8	-3,634.7	3,630.1	7.11	-1.94	6.84
9,193.0	87.58	270.89	5,763.2	29.0	-3,665.6	3,661.0	4.42	-1.42	4.19
9,225.0	88.02	272.85	5,764.4	30.0	-3,697.6	3,693.0	6.27	1.38	6.13
9,257.0	87.28	274.06	5,765.7	31.9	-3,729.5	3,724.9	4.43	-2.31	3.78
9,289.0	88.37	273.81	5,766.9	34.1	-3,761.4	3,756.9	3.49	3.41	-0.78
9,321.0	90.17	274.10	5,767.3	36.3	-3,793.3	3,788.9	5.70	5.63	0.91
9,352.0	91.89	274.34	5,766.8	38.6	-3,824.2	3,819.9	5.60	5.55	0.77
9,384.0	92.49	274.34	5,765.5	41.0	-3,856.1	3,851.9	1.88	1.88	0.00
9,416.0	91.28	275.22	5,764.5	43.7	-3,888.0	3,883.8	4.67	-3.78	2.75
9,448.0	91.28	275.66	5,763.8	46.7	-3,919.8	3,915.8	1.37	0.00	1.38
9,479.0	91.98	276.71	5,762.9	50.1	-3,950.7	3,946.8	4.07	2.26	3.39
9,511.0	91.78	277.42	5,761.8	54.0	-3,982.4	3,978.7	2.30	-0.63	2.22
9,542.0	91.36	279.17	5,761.0	58.5	-4,013.1	4,009.5	5.80	-1.35	5.65
9,572.0	90.94	280.57	5,760.4	63.6	-4,042.6	4,039.3	4.87	-1.40	4.67
9,603.0	90.44	281.35	5,760.0	69.5	-4,073.0	4,070.1	2.99	-1.61	2.52
9,633.0	90.87	281.22	5,759.7	75.4	-4,102.5	4,099.8	1.50	1.43	-0.43
9,663.0	91.54	281.11	5,759.0	81.2	-4,131.9	4,129.5	2.26	2.23	-0.37
9,694.0	91.88	281.07	5,758.1	87.1	-4,162.3	4,160.2	1.10	1.10	-0.13
9,725.0	90.50	281.75	5,757.5	93.3	-4,192.7	4,190.9	4.96	-4.45	2.19
9,755.0	90.24	282.80	5,757.3	99.7	-4,222.0	4,220.5	3.61	-0.87	3.50
9,786.0	89.40	283.22	5,757.4	106.6	-4,252.2	4,251.1	3.03	-2.71	1.35
9,817.0	89.36	283.87	5,757.7	113.9	-4,282.3	4,281.6	2.10	-0.13	2.10
9,848.0	89.23	284.20	5,758.1	121.4	-4,312.4	4,312.1	1.14	-0.42	1.06
9,879.0	89.69	284.80	5,758.4	129.2	-4,342.4	4,342.5	2.44	1.48	1.94
9,910.0	89.83	285.08	5,758.5	137.2	-4,372.4	4,372.9	1.01	0.45	0.90
9,941.0	88.81	285.41	5,758.9	145.3	-4,402.3	4,403.2	3.46	-3.29	1.06
9,971.0	87.85	286.29	5,759.8	153.5	-4,431.1	4,432.5	4.34	-3.20	2.93
10,002.0	88.08	286.50	5,760.9	162.2	-4,460.8	4,462.6	1.00	0.74	0.68
10,032.0	88.66	286.40	5,761.7	170.7	-4,489.6	4,491.9	1.96	1.93	-0.33
10,063.0	89.56	286.15	5,762.2	179.4	-4,519.3	4,522.1	3.01	2.90	-0.81
10,093.0	90.37	286.17	5,762.2	187.8	-4,548.2	4,551.3	2.70	2.70	0.07
10,124.0	90.94	286.28	5,761.9	196.4	-4,577.9	4,581.5	1.87	1.84	0.35
10,155.0	91.68	286.24	5,761.2	205.1	-4,607.7	4,611.8	2.39	2.39	-0.13
10,186.0	91.41	285.63	5,760.3	213.6	-4,637.5	4,642.0	2.15	-0.87	-1.97
10,217.0	90.22	286.56	5,759.9	222.2	-4,667.3	4,672.2	4.87	-3.84	3.00

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well YERT HZMC #1H
Project:	SJB (NM West)	**TVD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Site:	SEC 31-T29N-R9W	**MD Reference:**	GL 5730' & RKB 15' @ 5745.0usft (AWS 920)
Well:	YERT HZMC #1H	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	Farmington R5000 DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,248.0	90.13	286.02	5,759.8	230.9	-4,697.0	4,702.5	1.77	-0.29	-1.74
10,278.0	90.03	284.95	5,759.7	238.9	-4,725.9	4,731.8	3.58	-0.33	-3.57
10,309.0	89.93	284.06	5,759.7	246.7	-4,755.9	4,762.2	2.89	-0.32	-2.87
10,341.0	89.96	283.04	5,759.8	254.2	-4,787.0	4,793.7	3.19	0.09	-3.19
10,371.0	90.24	282.38	5,759.7	260.8	-4,816.3	4,823.3	2.39	0.93	-2.20
10,402.0	90.13	281.20	5,759.6	267.1	-4,846.7	4,854.0	3.82	-0.35	-3.81
10,433.0	89.93	280.33	5,759.6	272.9	-4,877.1	4,884.7	2.88	-0.65	-2.81
10,464.0	89.69	279.09	5,759.7	278.1	-4,907.7	4,915.5	4.07	-0.77	-4.00
10,495.0	89.93	278.29	5,759.8	282.8	-4,938.3	4,946.4	2.69	0.77	-2.58
10,526.0	89.97	277.49	5,759.8	287.1	-4,969.0	4,977.3	2.58	0.13	-2.58
10,557.0	89.90	276.62	5,759.9	290.9	-4,999.8	5,008.2	2.82	-0.23	-2.81
10,584.0	90.03	276.10	5,759.9	293.9	-5,026.6	5,035.2	1.99	0.48	-1.93

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
5,176.0	5,174.7	46.1	-47.9	First SDI MWD Survey
10,584.0	5,759.9	293.9	-5,026.6	Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____