

RCVD MAR 13 '13

OIL CONS. DIV.
DIST. 3

Form C-102

Revised August 1, 2011

DISTRICT I

1635 H. French Dr., Hobbs, NM 88240
Phone: (505) 595-6161 Fax: (505) 595-0723

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III

1000 E. Brusos Ed., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV

1220 D. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 479-5180 Fax: (505) 479-3282State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

AS DRILLED PLAT

Submit one copy to appropriate
District Office☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35370	² Foot Code 2170	³ Pool Name ANGEL PEAK GALLUP
⁴ Property Code 39288	⁵ Property Name HUERFANO UNIT HZMC	⁶ Well Number 1H
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6669'

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
M	9	26N	10W		645'	SOUTH	615'	WEST	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
L	10	26N	10W		1411'	SOUTH	517'	WEST	SAN JUAN

¹² Dedicated Acres	PROJECT AREA	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320.00 AC. - USA NM-0433				R-1410-C
160.00 AC. - USA SF-080120-A				R-13499
160.00 AC. - USA SF-080456				
320.00 AC. - USA SF-079658				

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

18

WELL FLAG LAT. 36.49729° N (NAD83) LONG. 107.90843° W (NAD83) LAT. 36.29.83685° N (NAD27) LONG. 107.54.46866° 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 unless 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>Arleen White</i> 3-13-13 Signature Date Arleen White Printed Name arleen.r.white@conocophillips.com E-mail Address 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 13, 2012 Date of Survey Signature and Seal of Professional Surveyor: <i>David B. Russell</i> DAVID B. RUSSELL REGISTERED PROFESSIONAL LAND SURVEYOR NEW MEXICO 10201 Certificate Number 10201
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COP Deviation Report
HUERFANO UNIT HZMC #1H

RCVD MAR 5 '13
OIL CONS. DIV.
DIST. 3

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName HUERFANO UNIT HZMC #1H	API / UWI 3004535370	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 009-026N-010W-M	N/S Dist (ft) 645.00	N/S Ref FSL	E/W Dist (ft) 615.00	E/W Ref FWL

Survey Data					
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
10/16/2012	133.00	0.50		Inc-Drop	Mo Te Drilling Inc
10/16/2012	313.00	1.00		Inc-Drop	Mo Te Drilling Inc
10/16/2012	473.00	1.00		Inc-Drop	Mo Te Drilling Inc
10/18/2012	633.00	2.00		Inc-Drop	Mo Te Drilling Inc
10/18/2012	753.00	2.00		Inc-Drop	Mo Te Drilling Inc
10/19/2012	873.00	2.00		Inc-Drop	Mo Te Drilling Inc
11/17/2012	1,245.00	0.27	270.27	IncAzi-MWD	Scientific Drilling
11/17/2012	1,335.00	0.41	243.98	IncAzi-MWD	Scientific Drilling
11/17/2012	1,399.00	0.38	240.63	IncAzi-MWD	Scientific Drilling
11/17/2012	1,462.00	0.34	258.80	IncAzi-MWD	Scientific Drilling
11/17/2012	1,526.00	0.71	289.55	IncAzi-MWD	Scientific Drilling
11/17/2012	1,590.00	1.42	273.90	IncAzi-MWD	Scientific Drilling
11/17/2012	1,653.00	1.54	266.41	IncAzi-MWD	Scientific Drilling
11/17/2012	1,717.00	1.36	262.53	IncAzi-MWD	Scientific Drilling
11/17/2012	1,780.00	1.41	261.25	IncAzi-MWD	Scientific Drilling
11/17/2012	1,844.00	1.45	258.35	IncAzi-MWD	Scientific Drilling
11/17/2012	1,908.00	1.46	260.96	IncAzi-MWD	Scientific Drilling
11/17/2012	1,972.00	1.26	262.14	IncAzi-MWD	Scientific Drilling
11/17/2012	2,035.00	1.35	254.17	IncAzi-MWD	Scientific Drilling
11/17/2012	2,099.00	1.57	259.33	IncAzi-MWD	Scientific Drilling
11/17/2012	2,163.00	1.43	249.12	IncAzi-MWD	Scientific Drilling
11/17/2012	2,226.00	1.75	241.66	IncAzi-MWD	Scientific Drilling
11/17/2012	2,290.00	1.92	242.94	IncAzi-MWD	Scientific Drilling
11/17/2012	2,353.00	1.92	247.24	IncAzi-MWD	Scientific Drilling
11/17/2012	2,417.00	1.79	246.79	IncAzi-MWD	Scientific Drilling
11/17/2012	2,481.00	1.79	244.66	IncAzi-MWD	Scientific Drilling
11/17/2012	2,544.00	1.76	240.13	IncAzi-MWD	Scientific Drilling
11/17/2012	2,608.00	1.56	234.25	IncAzi-MWD	Scientific Drilling
11/17/2012	2,672.00	1.64	231.18	IncAzi-MWD	Scientific Drilling
11/17/2012	2,736.00	1.79	228.48	IncAzi-MWD	Scientific Drilling
11/17/2012	2,799.00	1.90	224.50	IncAzi-MWD	Scientific Drilling
11/17/2012	2,863.00	1.91	224.67	IncAzi-MWD	Scientific Drilling
11/17/2012	2,926.00	2.00	221.29	IncAzi-MWD	Scientific Drilling
11/17/2012	2,990.00	2.10	216.32	IncAzi-MWD	Scientific Drilling
11/17/2012	3,054.00	2.00	212.44	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.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report

HUERFANO UNIT HZMC #1H

Survey Data					
Date	MD (ftKB)	Incl. (°)	Azm (°)	Method	Survey Company
11/17/2012	3,117.00	2.21	208.54	IncAzi-MWD	Scientific Drilling
11/17/2012	3,181.00	2.31	209.46	IncAzi-MWD	Scientific Drilling
11/17/2012	3,245.00	2.55	210.51	IncAzi-MWD	Scientific Drilling
11/17/2012	3,308.00	2.69	207.79	IncAzi-MWD	Scientific Drilling
11/17/2012	3,372.00	2.81	205.83	IncAzi-MWD	Scientific Drilling
11/17/2012	3,435.00	3.08	205.88	IncAzi-MWD	Scientific Drilling
11/17/2012	3,499.00	3.34	209.43	IncAzi-MWD	Scientific Drilling
11/17/2012	3,563.00	3.59	212.35	IncAzi-MWD	Scientific Drilling
11/17/2012	3,627.00	3.36	211.02	IncAzi-MWD	Scientific Drilling
11/17/2012	3,690.00	2.79	211.94	IncAzi-MWD	Scientific Drilling
11/17/2012	3,754.00	2.17	213.64	IncAzi-MWD	Scientific Drilling
11/18/2012	3,818.00	1.05	239.76	IncAzi-MWD	Scientific Drilling
11/18/2012	3,881.00	0.87	283.36	IncAzi-MWD	Scientific Drilling
11/18/2012	3,945.00	1.03	329.75	IncAzi-MWD	Scientific Drilling
11/18/2012	4,009.00	0.93	320.86	IncAzi-MWD	Scientific Drilling
11/18/2012	4,072.00	1.10	306.11	IncAzi-MWD	Scientific Drilling
11/18/2012	4,136.00	1.33	344.68	IncAzi-MWD	Scientific Drilling
11/18/2012	4,199.00	1.33	344.28	IncAzi-MWD	Scientific Drilling
11/18/2012	4,263.00	1.70	355.43	IncAzi-MWD	Scientific Drilling
11/18/2012	4,326.00	2.03	5.21	IncAzi-MWD	Scientific Drilling
11/18/2012	4,390.00	1.97	17.54	IncAzi-MWD	Scientific Drilling
11/18/2012	4,453.00	1.87	32.70	IncAzi-MWD	Scientific Drilling
11/18/2012	4,517.00	2.01	26.65	IncAzi-MWD	Scientific Drilling
11/18/2012	4,580.00	1.95	21.43	IncAzi-MWD	Scientific Drilling
11/18/2012	4,644.00	2.32	41.54	IncAzi-MWD	Scientific Drilling
11/18/2012	4,707.00	2.47	47.09	IncAzi-MWD	Scientific Drilling
11/18/2012	4,771.00	2.52	56.89	IncAzi-MWD	Scientific Drilling
11/18/2012	4,834.00	2.33	59.00	IncAzi-MWD	Scientific Drilling
11/18/2012	4,898.00	1.80	44.68	IncAzi-MWD	Scientific Drilling
11/18/2012	4,962.00	1.53	60.16	IncAzi-MWD	Scientific Drilling
11/18/2012	5,025.00	1.36	48.90	IncAzi-MWD	Scientific Drilling
11/18/2012	5,089.00	1.86	51.19	IncAzi-MWD	Scientific Drilling
11/18/2012	5,152.00	1.75	42.62	IncAzi-MWD	Scientific Drilling
11/18/2012	5,177.00	1.65	52.59	IncAzi-MWD	Scientific Drilling
11/22/2012	5,245.00	1.22	48.86	IncAzi-MWD	Scientific Drilling
11/22/2012	5,277.00	0.86	51.36	IncAzi-MWD	Scientific Drilling
11/22/2012	5,309.00	2.89	58.87	IncAzi-MWD	Scientific Drilling
11/22/2012	5,341.00	7.00	55.98	IncAzi-MWD	Scientific Drilling
11/22/2012	5,372.00	12.31	58.08	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.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report

HUERFANO UNIT HZMC #1H

Survey Data						
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company	
11/22/2012	5,404.00	14.14	61.52	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,436.00	15.85	69.76	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,468.00	15.25	68.56	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,499.00	16.84	69.02	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,531.00	18.54	69.23	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,563.00	22.27	69.22	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,595.00	26.20	70.49	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,626.00	30.15	71.22	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,658.00	31.94	70.42	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,690.00	34.10	70.35	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,722.00	38.23	69.35	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,753.00	42.61	70.98	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,785.00	46.79	72.05	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,817.00	51.47	73.31	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,849.00	53.40	73.63	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,880.00	55.62	73.58	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,912.00	57.20	72.68	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,944.00	59.18	73.64	IncAzi-MWD	Scientific Drilling	
11/22/2012	5,976.00	60.71	73.14	IncAzi-MWD	Scientific Drilling	
11/22/2012	6,007.00	61.73	73.06	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,039.00	63.82	73.09	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,071.00	65.71	72.14	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,103.00	67.09	71.83	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,134.00	67.78	73.30	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,166.00	69.00	74.36	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,198.00	71.76	76.71	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,230.00	74.71	79.21	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,261.00	77.33	80.82	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,293.00	80.18	82.62	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,325.00	80.28	82.06	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,357.00	80.24	82.22	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,388.00	82.09	82.87	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,420.00	85.32	83.75	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,452.00	86.64	83.72	IncAzi-MWD	Scientific Drilling	
11/25/2012	6,484.00	86.64	83.22	IncAzi-MWD	Scientific Drilling	
12/2/2012	6,515.00	88.32	82.55	IncAzi-MWD	Scientific Drilling	
11/26/2012	6,543.00	88.96	82.25	IncAzi-MWD	Scientific Drilling	
12/2/2012	6,575.00	88.66	82.36	IncAzi-MWD	Scientific Drilling	
11/26/2012	6,607.00	89.90	81.75	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.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report

HUERFANO UNIT HZMC #1H

Survey Data						
Date	MD (ftKB)	Incl. (°)	Azm (°)	Method	Survey Company	
11/26/2012	6,639.00	89.80	81.56	IncAzi-MWD	Scientific Drilling	
11/26/2012	6,671.00	88.99	81.35	IncAzi-MWD	Scientific Drilling	
11/27/2012	6,702.00	89.63	81.87	IncAzi-MWD	Scientific Drilling	
11/27/2012	6,734.00	89.60	80.93	IncAzi-MWD	Scientific Drilling	
11/27/2012	6,766.00	89.36	80.39	IncAzi-MWD	Scientific Drilling	
11/27/2012	6,829.00	89.66	79.60	IncAzi-MWD	Scientific Drilling	
11/27/2012	6,893.00	89.60	79.33	IncAzi-MWD	Scientific Drilling	
11/27/2012	6,956.00	89.26	80.20	IncAzi-MWD	Scientific Drilling	
11/27/2012	7,020.00	89.39	80.79	IncAzi-MWD	Scientific Drilling	
11/27/2012	7,084.00	88.72	80.84	IncAzi-MWD	Scientific Drilling	
11/27/2012	7,147.00	89.76	81.73	IncAzi-MWD	Scientific Drilling	
11/27/2012	7,211.00	89.02	82.75	IncAzi-MWD	Scientific Drilling	
11/27/2012	7,274.00	88.62	83.54	IncAzi-MWD	Scientific Drilling	
11/27/2012	7,338.00	89.87	85.86	IncAzi-MWD	Scientific Drilling	
11/27/2012	7,400.00	88.79	86.15	IncAzi-MWD	Scientific Drilling	
11/27/2012	7,462.00	90.13	86.12	IncAzi-MWD	Scientific Drilling	
11/28/2012	7,524.00	88.79	86.28	IncAzi-MWD	Scientific Drilling	
11/28/2012	7,586.00	90.97	87.24	IncAzi-MWD	Scientific Drilling	
11/28/2012	7,647.00	90.17	87.84	IncAzi-MWD	Scientific Drilling	
11/28/2012	7,709.00	89.76	87.46	IncAzi-MWD	Scientific Drilling	
11/28/2012	7,771.00	88.62	88.12	IncAzi-MWD	Scientific Drilling	
11/28/2012	7,832.00	90.31	88.12	IncAzi-MWD	Scientific Drilling	
11/28/2012	7,894.00	89.46	87.09	IncAzi-MWD	Scientific Drilling	
11/28/2012	7,955.00	89.87	87.52	IncAzi-MWD	Scientific Drilling	
11/28/2012	8,017.00	89.78	86.10	IncAzi-MWD	Scientific Drilling	
11/28/2012	8,078.00	88.65	85.98	IncAzi-MWD	Scientific Drilling	
11/28/2012	8,140.00	90.84	86.22	IncAzi-MWD	Scientific Drilling	
11/28/2012	8,202.00	88.01	86.00	IncAzi-MWD	Scientific Drilling	
11/29/2012	8,263.00	87.65	85.27	IncAzi-MWD	Scientific Drilling	
11/29/2012	8,325.00	87.85	85.25	IncAzi-MWD	Scientific Drilling	
11/29/2012	8,387.00	89.43	85.12	IncAzi-MWD	Scientific Drilling	
11/29/2012	8,449.00	89.13	84.40	IncAzi-MWD	Scientific Drilling	
11/29/2012	8,510.00	89.70	82.95	IncAzi-MWD	Scientific Drilling	
11/29/2012	8,572.00	89.70	81.51	IncAzi-MWD	Scientific Drilling	
11/29/2012	8,633.00	90.07	79.79	IncAzi-MWD	Scientific Drilling	
11/30/2012	8,694.00	90.00	78.98	IncAzi-MWD	Scientific Drilling	
11/30/2012	8,755.00	89.66	77.20	IncAzi-MWD	Scientific Drilling	
11/30/2012	8,817.00	89.66	77.59	IncAzi-MWD	Scientific Drilling	
11/30/2012	8,880.00	89.46	77.65	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.

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 (°)	Azm (°)	Method	Survey Company
11/30/2012	8,942.00	89.66	78.94	IncAzi-MWD	Scientific Drilling
11/29/2012	9,003.00	88.89	79.23	IncAzi-MWD	Scientific Drilling
11/30/2012	9,064.00	89.23	79.92	IncAzi-MWD	Scientific Drilling
11/30/2012	9,128.00	89.34	80.39	IncAzi-MWD	Scientific Drilling
12/1/2012	9,192.00	89.60	78.98	IncAzi-MWD	Scientific Drilling
12/1/2012	9,255.00	89.56	77.76	IncAzi-MWD	Scientific Drilling
12/1/2012	9,319.00	89.87	77.05	IncAzi-MWD	Scientific Drilling
12/1/2012	9,382.00	89.93	77.74	IncAzi-MWD	Scientific Drilling
12/1/2012	9,446.00	89.90	78.84	IncAzi-MWD	Scientific Drilling
12/1/2012	9,509.00	89.53	80.34	IncAzi-MWD	Scientific Drilling
12/1/2012	9,573.00	89.80	80.84	IncAzi-MWD	Scientific Drilling
12/1/2012	9,636.00	89.83	81.77	IncAzi-MWD	Scientific Drilling
12/1/2012	9,700.00	88.92	83.84	IncAzi-MWD	Scientific Drilling
12/1/2012	9,763.00	89.09	84.38	IncAzi-MWD	Scientific Drilling
12/1/2012	9,827.00	89.97	86.38	IncAzi-MWD	Scientific Drilling
12/1/2012	9,891.00	90.03	86.70	IncAzi-MWD	Scientific Drilling
12/1/2012	9,954.00	90.77	86.51	IncAzi-MWD	Scientific Drilling
12/1/2012	10,018.00	90.98	85.64	IncAzi-MWD	Scientific Drilling
12/2/2012	10,082.00	91.08	84.67	IncAzi-MWD	Scientific Drilling
12/2/2012	10,145.00	88.59	83.59	IncAzi-MWD	Scientific Drilling
12/2/2012	10,209.00	88.99	84.53	IncAzi-MWD	Scientific Drilling
12/2/2012	10,272.00	91.24	85.46	IncAzi-MWD	Scientific Drilling
12/2/2012	10,336.00	88.37	84.08	IncAzi-MWD	Scientific Drilling
12/2/2012	10,400.00	90.22	83.29	IncAzi-MWD	Scientific Drilling
12/2/2012	10,463.00	89.36	82.34	IncAzi-MWD	Scientific Drilling
12/2/2012	10,527.00	89.23	81.92	IncAzi-MWD	Scientific Drilling
12/2/2012	10,590.00	90.00	83.64	IncAzi-MWD	Scientific Drilling
12/2/2012	10,654.00	91.31	80.59	IncAzi-MWD	Scientific Drilling
12/2/2012	10,717.00	89.94	84.06	IncAzi-MWD	Scientific Drilling
12/2/2012	10,781.00	89.65	84.26	IncAzi-MWD	Scientific Drilling
12/2/2012	10,844.00	89.73	83.40	IncAzi-MWD	Scientific Drilling
12/2/2012	10,905.00	89.76	83.61	IncAzi-MWD	Scientific Drilling
12/2/2012	10,958.00	89.79	83.79	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.

BEV TOMM

Subscribed and sworn to me this March 4, 2013

Brian White

Notary Public in and for San Juan County, New Mexico

My Commission expires

5/26/15



RCVD MAR 5 '13
OIL CONS. DIV.

DIST. 3

ConocoPhillips

SJB (NM West)

SEC 09-T26N-R10W

Huerfano Unit HZMC #1H

30-045-35370

OH

Design: OH

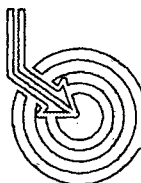
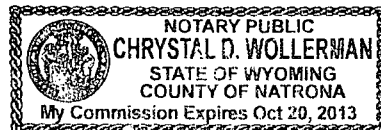
Standard Survey Report

3 December, 2012

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

Notarized this date 4th of December, 2012.

Notary Signature
County of Natrona
State of Wyoming



Scientific Drilling



Project: SJB (NM West)
Site: SEC 09-T26N-R10W
Well: Huerfano Unit HZMC #1H
Wellbore: OH
Design: OH

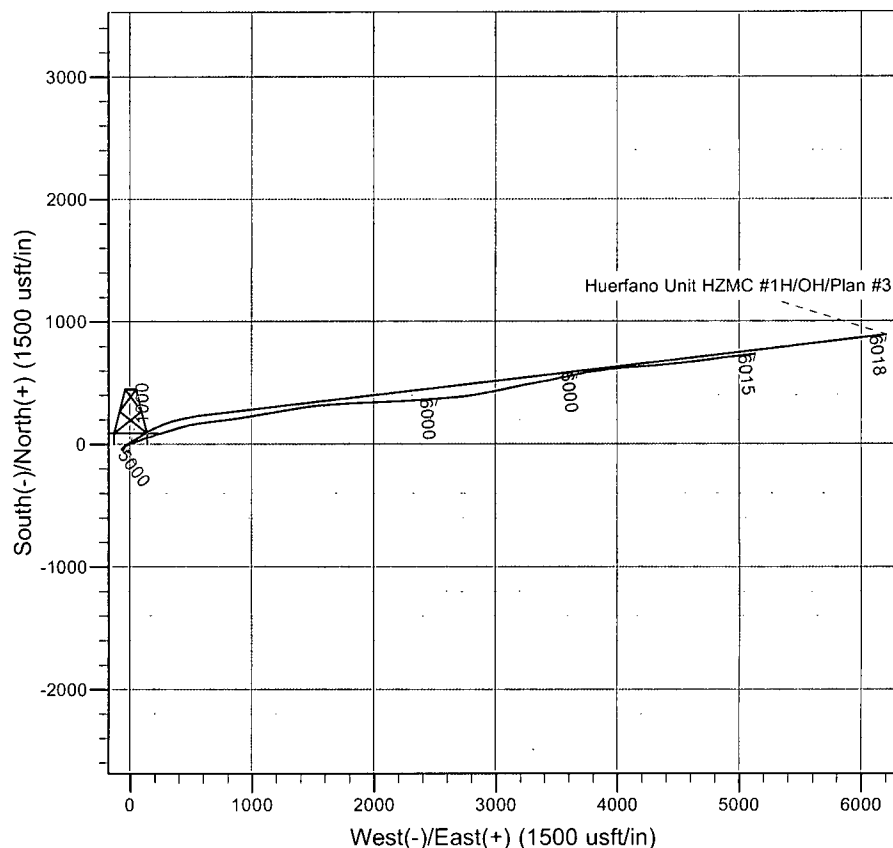
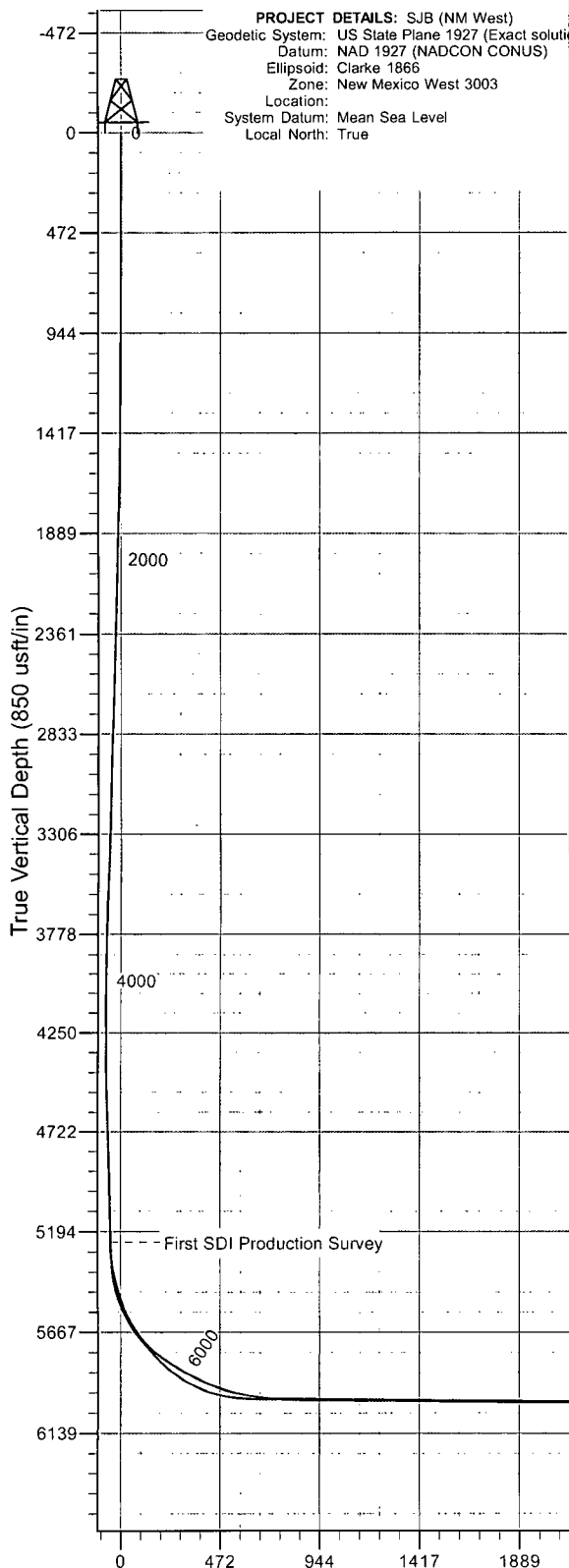


Azimuths to True North
Magnetic North: 9.81°

Magnetic Field
Strength: 50393.3nT
Dip Angle: 63.18°
Date: 10/10/2012
Model: BGGM2012

WELL DETAILS: Huerfano Unit HZMC #1H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	2000265.90	478109.05	36° 29' 50.211 N	107° 54' 28.120 W

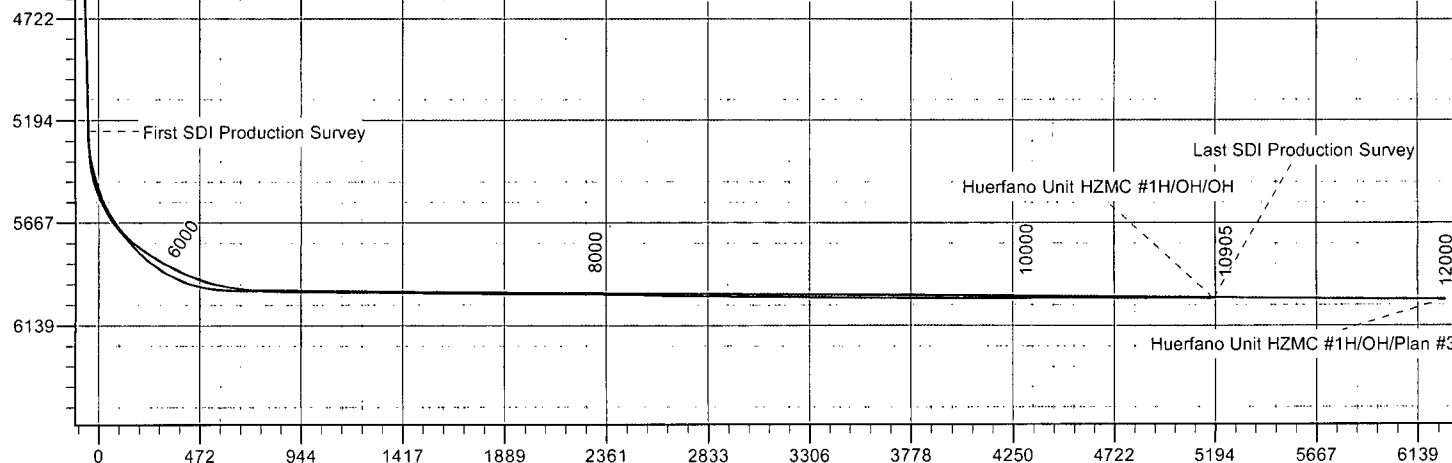


Design: OH (Huerfano Unit HZMC #1H/OH)

15:43, December 03, 2012

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Huerfano Unit HZMC #1H, True North
Vertical (TVD) Reference: GL 6669' & RKB 15' @ 6684.0usft
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 6669' & RKB 15' @ 6684.0usft
Calculation Method: Minimum Curvature



Vertical Section at 81.87° (850 usft/in)

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Huerfano Unit HZMC #1H
Project:	SJB (NM West)	TVD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Site:	SEC 09-T26N-R10W	MD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Well:	Huerfano Unit HZMC #1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington 5000 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 09-T26N-R10W		
Site Position:		Northing:	2,000,265.90 usft
From:	Lat/Long	Easting:	478,109.05 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	36° 29' 50.211 N
		Longitude:	107° 54' 28.120 W
		Grid Convergence:	-0.04 °

Well	Huerfano Unit HZMC #1H		
Well Position	+N/-S	0.0 usft	Northing: 2,000,265.90 usft
	+E/-W	0.0 usft	Easting: 478,109.05 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	36° 29' 50.211 N
		Longitude:	107° 54' 28.120 W
		Ground Level:	6,669.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	10/10/12	9.81	63.18	50,393

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	246.09

Survey Program	Date	12/03/12		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
1,245.0	5,177.0	Survey #1 - Intermediate MWD (OH)	MWD SDI	MWD - Standard ver 1.0.1
5,245.0	10,905.0	Survey #2 - Production 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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1,245.0	0.27	270.27	1,245.0	0.0	-2.9	2.7	0.02	0.02	0.00
1,335.0	0.41	243.98	1,335.0	-0.1	-3.4	3.2	0.23	0.16	-29.21
1,399.0	0.38	240.63	1,399.0	-0.3	-3.8	3.6	0.06	-0.05	-5.23
1,462.0	0.34	258.80	1,462.0	-0.5	-4.2	4.0	0.19	-0.06	28.84
1,526.0	0.71	289.55	1,526.0	-0.4	-4.8	4.5	0.71	0.58	48.05
1,590.0	1.42	273.90	1,590.0	-0.2	-5.9	5.5	1.19	1.11	-24.45
1,653.0	1.54	266.41	1,653.0	-0.2	-7.5	7.0	0.36	0.19	-11.89
1,717.0	1.36	262.53	1,716.9	-0.3	-9.2	8.5	0.32	-0.28	-6.06
1,780.0	1.41	261.25	1,779.9	-0.6	-10.7	10.0	0.09	0.08	-2.03

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Huerfano Unit HZMC #1H
Project:	SJB (NM West)	TVD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Site:	SEC 09-T26N-R10W	MD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Well:	Huerfano Unit HZMC #1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington 5000 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)
1,844.0	1.45	258.35	1,843.9	-0.8	-12.2	11.5	0.13	0.06	-4.53
1,908.0	1.46	260.96	1,907.9	-1.1	-13.8	13.1	0.10	0.02	4.08
1,972.0	1.26	262.14	1,971.9	-1.4	-15.3	14.6	0.32	-0.31	1.84
2,035.0	1.35	254.17	2,034.8	-1.7	-16.7	16.0	0.32	0.14	-12.65
2,099.0	1.57	259.33	2,098.8	-2.0	-18.3	17.6	0.40	0.34	8.06
2,163.0	1.43	249.12	2,162.8	-2.5	-19.9	19.2	0.47	-0.22	-15.95
2,226.0	1.75	241.66	2,225.8	-3.2	-21.5	21.0	0.60	0.51	-11.84
2,290.0	1.92	242.94	2,289.7	-4.2	-23.3	23.0	0.27	0.27	2.00
2,353.0	1.92	247.24	2,352.7	-5.0	-25.2	25.1	0.23	0.00	6.83
2,417.0	1.79	246.79	2,416.7	-5.9	-27.1	27.2	0.20	-0.20	-0.70
2,481.0	1.79	244.66	2,480.6	-6.7	-29.0	29.2	0.10	0.00	-3.33
2,544.0	1.76	240.13	2,543.6	-7.6	-30.7	31.1	0.23	-0.05	-7.19
2,608.0	1.56	234.25	2,607.6	-8.6	-32.3	33.0	0.41	-0.31	-9.19
2,672.0	1.64	231.18	2,671.6	-9.7	-33.7	34.7	0.18	0.13	-4.80
2,736.0	1.79	228.48	2,735.5	-10.9	-35.1	36.5	0.27	0.23	-4.22
2,799.0	1.90	224.50	2,798.5	-12.3	-36.6	38.4	0.27	0.17	-6.32
2,863.0	1.91	224.67	2,862.5	-13.8	-38.1	40.4	0.02	0.02	0.27
2,926.0	2.00	221.29	2,925.4	-15.4	-39.6	42.4	0.23	0.14	-5.37
2,990.0	2.10	216.32	2,989.4	-17.2	-41.0	44.4	0.32	0.16	-7.77
3,054.0	2.00	212.44	3,053.3	-19.1	-42.3	46.4	0.27	-0.16	-6.06
3,117.0	2.21	208.54	3,116.3	-21.0	-43.5	48.3	0.40	0.33	-6.19
3,181.0	2.31	209.46	3,180.2	-23.3	-44.7	50.3	0.17	0.16	1.44
3,245.0	2.55	210.51	3,244.2	-25.6	-46.0	52.5	0.38	0.38	1.64
3,308.0	2.69	207.79	3,307.1	-28.1	-47.4	54.8	0.30	0.22	-4.32
3,372.0	2.81	205.83	3,371.0	-30.9	-48.8	57.1	0.24	0.19	-3.06
3,435.0	3.08	205.88	3,434.0	-33.8	-50.2	59.6	0.43	0.43	0.08
3,499.0	3.34	209.43	3,497.9	-36.9	-51.9	62.4	0.51	0.41	5.55
3,563.0	3.59	212.35	3,561.7	-40.3	-53.9	65.6	0.48	0.39	4.56
3,627.0	3.36	211.02	3,625.6	-43.6	-55.9	68.8	0.38	-0.36	-2.08
3,690.0	2.79	211.94	3,688.5	-46.4	-57.7	71.6	0.91	-0.90	1.46
3,754.0	2.17	213.64	3,752.5	-48.8	-59.2	73.9	0.98	-0.97	2.66
3,818.0	1.05	239.76	3,816.5	-50.1	-60.4	75.5	2.05	-1.75	40.81
3,881.0	0.87	283.36	3,879.4	-50.3	-61.3	76.4	1.16	-0.29	69.21
3,945.0	1.03	329.75	3,943.4	-49.6	-62.1	76.9	1.19	0.25	72.48
4,009.0	0.93	320.86	4,007.4	-48.7	-62.7	77.1	0.28	-0.16	-13.89
4,072.0	1.10	306.11	4,070.4	-48.0	-63.5	77.5	0.49	0.27	-23.41
4,136.0	1.33	344.68	4,134.4	-46.9	-64.2	77.7	1.30	0.36	60.27
4,199.0	1.33	344.28	4,197.4	-45.5	-64.6	77.5	0.01	0.00	-0.63
4,263.0	1.70	355.43	4,261.4	-43.8	-64.9	77.1	0.74	0.58	17.42
4,326.0	2.03	5.21	4,324.3	-41.8	-64.8	76.2	0.73	0.52	15.52
4,390.0	1.97	17.54	4,388.3	-39.6	-64.4	74.9	0.68	-0.09	19.27
4,453.0	1.87	32.70	4,451.3	-37.7	-63.5	73.4	0.82	-0.16	24.06
4,517.0	2.01	26.65	4,515.2	-35.8	-62.5	71.6	0.39	0.22	-9.45

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Huerfano Unit HZMC #1H
Project:	SJB (NM West)	TVD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Site:	SEC 09-T26N-R10W	MD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Well:	Huerfano Unit HZMC #1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington 5000 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)
4,580.0	1.95	21.43	4,578.2	-33.9	-61.6	70.0	0.30	-0.10	-8.29
4,644.0	2.32	41.54	4,642.1	-31.9	-60.3	68.1	1.30	0.58	31.42
4,707.0	2.47	47.09	4,705.1	-30.0	-58.5	65.6	0.44	0.24	8.81
4,771.0	2.52	56.89	4,769.0	-28.3	-56.3	62.9	0.67	0.08	15.31
4,834.0	2.33	59.00	4,832.0	-26.9	-54.0	60.3	0.33	-0.30	3.35
4,898.0	1.80	44.68	4,895.9	-25.5	-52.2	58.1	1.15	-0.83	-22.38
4,962.0	1.53	60.16	4,959.9	-24.4	-50.8	56.3	0.82	-0.42	24.19
5,025.0	1.36	48.90	5,022.9	-23.4	-49.5	54.7	0.52	-0.27	-17.87
5,089.0	1.86	51.19	5,086.9	-22.3	-48.1	53.0	0.79	0.78	3.58
5,152.0	1.75	42.62	5,149.8	-20.9	-46.6	51.1	0.46	-0.17	-13.60
5,177.0	1.65	52.59	5,174.8	-20.4	-46.1	50.4	1.25	-0.40	39.88
5,245.0	1.22	48.86	5,242.8	-19.4	-44.8	48.8	0.65	-0.63	-5.48
First SDI Production Survey									
5,277.0	0.86	51.36	5,274.8	-19.0	-44.3	48.2	1.13	-1.13	7.82
5,309.0	2.89	58.87	5,306.8	-18.4	-43.5	47.2	6.38	6.34	23.47
5,341.0	7.00	55.98	5,338.6	-16.9	-41.1	44.5	12.86	12.84	-9.03
5,372.0	12.31	58.08	5,369.2	-14.1	-36.8	39.3	17.16	17.13	6.77
5,404.0	14.14	61.52	5,400.3	-10.4	-30.4	32.1	6.22	5.72	10.75
5,436.0	15.85	69.76	5,431.3	-7.1	-22.9	23.8	8.53	5.34	25.75
5,468.0	15.25	68.56	5,462.1	-4.0	-14.9	15.2	2.13	-1.88	-3.75
5,499.0	16.84	69.02	5,491.9	-0.9	-6.9	6.7	5.15	5.13	1.48
5,531.0	18.54	69.23	5,522.4	2.5	2.2	-3.0	5.32	5.31	0.66
5,563.0	22.27	69.22	5,552.3	6.5	12.6	-14.2	11.66	11.66	-0.03
5,595.0	26.20	70.49	5,581.5	11.0	24.9	-27.3	12.39	12.28	3.97
5,626.0	30.15	71.22	5,608.8	15.8	38.8	-41.9	12.79	12.74	2.35
5,658.0	31.94	70.42	5,636.3	21.2	54.4	-58.3	5.74	5.59	-2.50
5,690.0	34.10	70.35	5,663.1	27.1	70.8	-75.7	6.75	6.75	-0.22
5,722.0	38.23	69.35	5,688.9	33.6	88.5	-94.5	13.04	12.91	-3.13
5,753.0	42.61	70.98	5,712.5	40.4	107.4	-114.6	14.53	14.13	5.26
5,785.0	46.79	72.05	5,735.2	47.5	128.8	-137.0	13.27	13.06	3.34
5,817.0	51.47	73.31	5,756.2	54.7	151.9	-161.0	14.92	14.63	3.94
5,849.0	53.40	73.63	5,775.7	61.9	176.2	-186.2	6.08	6.03	1.00
5,880.0	55.62	73.58	5,793.7	69.1	200.4	-211.2	7.16	7.16	-0.16
5,912.0	57.20	72.68	5,811.4	76.8	225.9	-237.6	5.47	4.94	-2.81
5,944.0	59.18	73.64	5,828.3	84.7	251.9	-264.6	6.69	6.19	3.00
5,976.0	60.71	73.14	5,844.3	92.6	278.5	-292.1	4.97	4.78	-1.56
6,007.0	61.73	73.06	5,859.2	100.5	304.5	-319.1	3.30	3.29	-0.26
6,039.0	63.82	73.09	5,873.8	108.8	331.7	-347.3	6.53	6.53	0.09
6,071.0	65.71	72.14	5,887.5	117.4	359.3	-376.0	6.49	5.91	-2.97
6,103.0	67.09	71.83	5,900.3	126.5	387.2	-405.2	4.40	4.31	-0.97
6,134.0	67.78	73.30	5,912.2	135.1	414.5	-433.7	4.91	2.23	4.74
6,166.0	69.00	74.36	5,924.0	143.3	443.1	-463.1	4.90	3.81	3.31
6,198.0	71.76	76.71	5,934.7	150.9	472.2	-492.9	11.06	8.63	7.34

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Huerfano Unit HZMC #1H
Project:	SJB (NM West)	TVD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Site:	SEC 09-T26N-R10W	MD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Well:	Huerfano Unit HZMC #1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington 5000 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)
6,230.0	74.71	79.21	5,944.0	157.3	502.2	-522.8	11.87	9.22	7.81
6,261.0	77.33	80.82	5,951.4	162.5	531.8	-552.0	9.84	8.45	5.19
6,293.0	80.18	82.62	5,957.7	167.0	562.9	-582.3	10.48	8.91	5.63
6,325.0	80.28	82.06	5,963.1	171.2	594.1	-612.5	1.75	0.31	-1.75
6,357.0	80.24	82.22	5,968.5	175.5	625.4	-642.8	0.51	-0.13	0.50
6,388.0	82.09	82.87	5,973.3	179.5	655.8	-672.2	6.32	5.97	2.10
6,420.0	85.32	83.75	5,976.8	183.2	687.3	-702.6	10.46	10.09	2.75
6,452.0	86.64	83.72	5,979.0	186.7	719.1	-733.0	4.13	4.13	-0.09
6,484.0	86.64	83.22	5,980.9	190.3	750.8	-763.5	1.56	0.00	-1.56
6,515.0	88.32	82.55	5,982.3	194.1	781.5	-793.1	5.83	5.42	-2.16
6,543.0	88.96	82.25	5,982.9	197.8	809.3	-820.0	2.52	2.29	-1.07
6,575.0	88.66	82.36	5,983.6	202.1	841.0	-850.7	1.00	-0.94	0.34
6,607.0	89.90	81.75	5,984.0	206.5	872.7	-881.5	4.32	3.88	-1.91
6,639.0	89.80	81.56	5,984.1	211.2	904.3	-912.3	0.67	-0.31	-0.59
6,671.0	88.99	81.35	5,984.4	215.9	936.0	-943.2	2.61	-2.53	-0.66
6,702.0	89.63	81.87	5,984.8	220.5	966.6	-973.0	2.66	2.06	1.68
6,734.0	89.60	80.93	5,985.0	225.2	998.3	-1,003.9	2.94	-0.09	-2.94
6,766.0	89.36	80.39	5,985.3	230.4	1,029.9	-1,034.9	1.85	-0.75	-1.69
6,829.0	89.66	79.60	5,985.9	241.4	1,091.9	-1,096.0	1.34	0.48	-1.25
6,893.0	89.60	79.33	5,986.3	253.1	1,154.8	-1,158.3	0.43	-0.09	-0.42
6,956.0	89.26	80.20	5,986.9	264.3	1,216.8	-1,219.5	1.48	-0.54	1.38
7,020.0	89.39	80.79	5,987.6	274.8	1,279.9	-1,281.5	0.94	0.20	0.92
7,084.0	88.72	80.84	5,988.7	285.1	1,343.1	-1,343.4	1.05	-1.05	0.08
7,147.0	89.76	81.73	5,989.5	294.6	1,405.4	-1,404.1	2.17	1.65	1.41
7,211.0	89.02	82.75	5,990.2	303.2	1,468.8	-1,465.6	1.97	-1.16	1.59
7,274.0	88.62	83.54	5,991.5	310.8	1,531.3	-1,525.8	1.41	-0.63	1.25
7,338.0	89.87	85.86	5,992.4	316.7	1,595.0	-1,586.5	4.12	1.95	3.63
7,400.0	88.79	86.15	5,993.1	321.0	1,656.9	-1,644.7	1.80	-1.74	0.47
7,462.0	90.13	86.12	5,993.7	325.2	1,718.7	-1,703.0	2.16	2.16	-0.05
7,524.0	88.79	86.28	5,994.3	329.3	1,780.6	-1,761.2	2.18	-2.16	0.26
7,586.0	90.97	87.24	5,994.4	332.8	1,842.5	-1,819.2	3.84	3.52	1.55
7,647.0	90.17	87.84	5,993.8	335.4	1,903.4	-1,876.0	1.64	-1.31	0.98
7,709.0	89.76	87.46	5,993.8	337.9	1,965.4	-1,933.6	0.90	-0.66	-0.61
7,771.0	88.62	88.12	5,994.7	340.3	2,027.3	-1,991.2	2.12	-1.84	1.06
7,832.0	90.31	88.12	5,995.3	342.3	2,088.3	-2,047.8	2.77	2.77	0.00
7,894.0	89.46	87.09	5,995.4	344.9	2,150.2	-2,105.4	2.15	-1.37	-1.66
7,955.0	89.87	87.52	5,995.7	347.8	2,211.1	-2,162.3	0.97	0.67	0.70
8,017.0	89.78	86.10	5,995.9	351.2	2,273.1	-2,220.3	2.29	-0.15	-2.29
8,078.0	88.65	85.98	5,996.8	355.5	2,333.9	-2,277.6	1.86	-1.85	-0.20
8,140.0	90.84	86.22	5,997.0	359.7	2,395.8	-2,335.9	3.55	3.53	0.39
8,202.0	88.01	86.00	5,997.7	363.9	2,457.6	-2,394.1	4.58	-4.56	-0.35
8,263.0	87.65	85.27	6,000.0	368.5	2,518.4	-2,451.6	1.33	-0.59	-1.20
8,325.0	87.85	85.25	6,002.4	373.6	2,580.1	-2,510.1	0.32	0.32	-0.03
8,387.0	89.43	85.12	6,003.9	378.8	2,641.9	-2,568.6	2.56	2.55	-0.21

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Huerfano Unit HZMC #1H
Project:	SJB (NM West)	TVD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Site:	SEC 09-T26N-R10W	MD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Well:	Huerfano Unit HZMC #1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington 5000 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)
8,449.0	89.13	84.40	6,004.7	384.5	2,703.6	-2,627.4	1.26	-0.48	-1.16
8,510.0	89.70	82.95	6,005.3	391.2	2,764.2	-2,685.5	2.55	0.93	-2.38
8,572.0	89.70	81.51	6,005.6	399.6	2,825.7	-2,745.1	2.32	0.00	-2.32
8,633.0	90.07	79.79	6,005.7	409.5	2,885.9	-2,804.1	2.88	0.61	-2.82
8,694.0	90.00	78.98	6,005.7	420.8	2,945.8	-2,863.5	1.33	-0.11	-1.33
8,755.0	89.66	77.20	6,005.9	433.3	3,005.5	-2,923.1	2.97	-0.56	-2.92
8,817.0	89.66	77.59	6,006.2	446.9	3,066.0	-2,983.9	0.63	0.00	0.63
8,880.0	89.46	77.65	6,006.7	460.4	3,127.5	-3,045.7	0.33	-0.32	0.10
8,942.0	89.66	78.94	6,007.2	473.0	3,188.2	-3,106.2	2.11	0.32	2.08
9,003.0	88.89	79.23	6,008.0	484.5	3,248.1	-3,165.7	1.35	-1.26	0.48
9,064.0	89.23	79.92	6,009.0	495.5	3,308.1	-3,225.0	1.26	0.56	1.13
9,128.0	89.34	80.39	6,009.8	506.5	3,371.2	-3,287.1	0.75	0.17	0.73
9,192.0	89.60	78.98	6,010.4	517.9	3,434.1	-3,349.3	2.24	0.41	-2.20
9,255.0	89.56	77.76	6,010.8	530.6	3,495.8	-3,410.8	1.94	-0.06	-1.94
9,319.0	89.87	77.05	6,011.1	544.6	3,558.3	-3,473.6	1.21	0.48	-1.11
9,382.0	89.93	77.74	6,011.3	558.3	3,619.8	-3,535.3	1.10	0.10	1.10
9,446.0	89.90	78.84	6,011.3	571.3	3,682.4	-3,597.9	1.72	-0.05	1.72
9,509.0	89.53	80.34	6,011.7	582.7	3,744.4	-3,659.2	2.45	-0.59	2.38
9,573.0	89.80	80.84	6,012.0	593.2	3,807.5	-3,721.1	0.89	0.42	0.78
9,636.0	89.83	81.77	6,012.2	602.7	3,869.8	-3,781.9	1.48	0.05	1.48
9,700.0	88.92	83.84	6,012.9	610.7	3,933.3	-3,843.2	3.53	-1.42	3.23
9,763.0	89.09	84.38	6,014.0	617.2	3,996.0	-3,903.1	0.90	0.27	0.86
9,827.0	89.97	86.38	6,014.6	622.3	4,059.7	-3,963.5	3.41	1.38	3.13
9,891.0	90.03	86.70	6,014.6	626.2	4,123.6	-4,023.5	0.51	0.09	0.50
9,954.0	90.77	86.51	6,014.1	629.9	4,186.5	-4,082.5	1.21	1.17	-0.30
10,018.0	90.98	85.64	6,013.1	634.3	4,250.4	-4,142.6	1.40	0.33	-1.36
10,082.0	91.08	84.67	6,012.0	639.7	4,314.1	-4,203.1	1.52	0.16	-1.52
10,145.0	88.59	83.59	6,012.2	646.2	4,376.8	-4,263.0	4.31	-3.95	-1.71
10,209.0	88.99	84.53	6,013.5	652.8	4,440.4	-4,323.8	1.60	0.63	1.47
10,272.0	91.24	85.46	6,013.4	658.3	4,503.2	-4,383.4	3.86	3.57	1.48
10,336.0	88.37	84.08	6,013.6	664.1	4,566.9	-4,444.0	4.98	-4.48	-2.16
10,400.0	90.22	83.29	6,014.4	671.1	4,630.5	-4,505.0	3.14	2.89	-1.23
10,463.0	89.36	82.34	6,014.6	679.0	4,693.0	-4,565.4	2.03	-1.37	-1.51
10,527.0	89.23	81.92	6,015.4	687.8	4,756.4	-4,626.9	0.69	-0.20	-0.66
10,590.0	90.00	83.64	6,015.8	695.7	4,818.9	-4,687.2	2.99	1.22	2.73
10,654.0	91.31	80.59	6,015.1	704.5	4,882.3	-4,748.7	5.19	2.05	-4.77
10,717.0	89.94	84.06	6,014.4	712.9	4,944.7	-4,809.2	5.92	-2.17	5.51
10,781.0	89.65	84.28	6,014.7	719.4	5,008.4	-4,870.0	0.57	-0.45	0.34
10,844.0	89.73	83.40	6,015.0	726.2	5,071.0	-4,930.0	1.40	0.13	-1.40
10,905.0	89.76	83.61	6,015.3	733.1	5,131.6	-4,988.2	0.35	0.05	0.34



Scientific Drilling International
Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Huerfano Unit HZMC #1H
Project:	SJB (NM West)	TVD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Site:	SEC 09-T26N-R10W	MD Reference:	GL 6669' & RKB 15' @ 6684.0usft
Well:	Huerfano Unit HZMC #1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington 5000 DB

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
5,245.0	5,242.8	-19.4	-44.8	First SDI Production Survey
10,905.0	6,015.3	733.1	5,131.6	Last SDI Production Survey

Checked By: _____ Approved By: _____ Date: _____