

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, 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 Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

☒ As-Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-35442		2 Pool Code 97232		3 Pool Name BASIN MANCOS	
4 Property Code 39759		5 Property Name GOOD TIMES L10-2410			6 Well Number 01H
7 GRID No. 282327		8 Operator Name ENCANA OIL & GAS (USA) INC.			9 Elevation 6896'

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
L	10	24N	10W		1753	SOUTH	199	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	9	24N	10W		1760	SOUTH	342	WEST	SAN JUAN

12 Dedicated Acres 320.0 Acres S/2 - Section 9		13 Joint or Infill		14 Consolidation Code		15 Order No. RCVD JUL 18 '13 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

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.

Signature: Robynn Haden Date: 7/16/13

Printed Name: Robynn Haden
E-mail Address: robynn.haden@encana.com

18 SURVEYOR CERTIFICATION

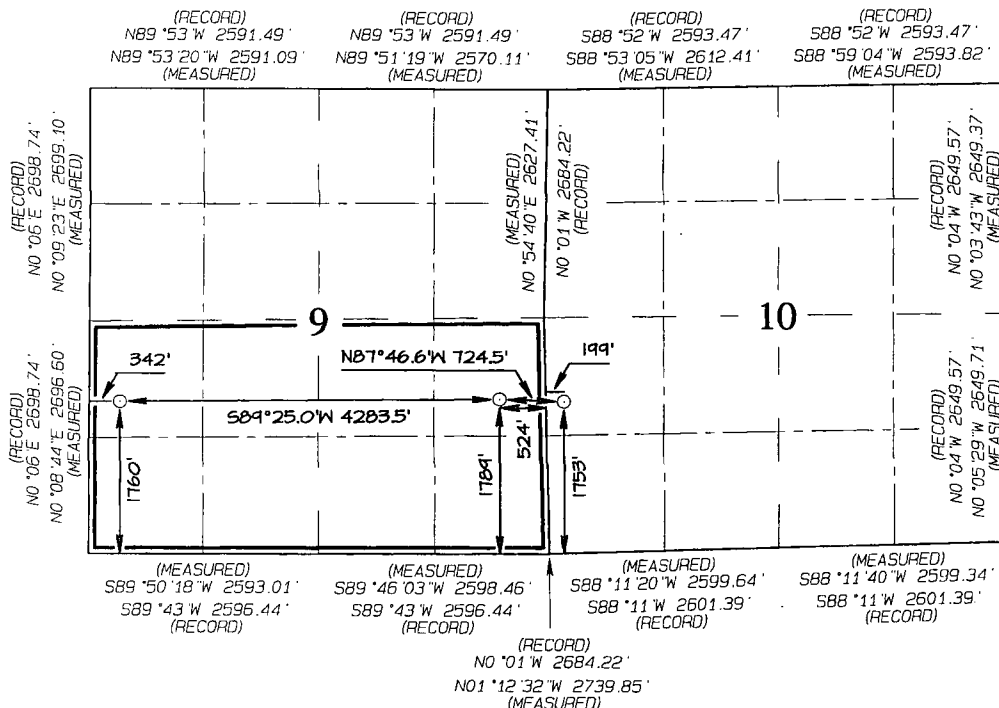
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 15, 2013
Survey Date: OCTOBER 10, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



END-OF-LATERAL
1760' FSL 342' FWL
SECTION 9, T24N, R10W
LAT: 36.32556°N
LONG: 107.90803°W
DATUM: NAD1927

LAT: 36.32557°N
LONG: 107.90865°W
DATUM: NAD1983

POINT-OF-ENTRY
1789' FSL 524' FWL
SECTION 9, T24N, R10W
LAT: 36.32569°N
LONG: 107.89349°W
DATUM: NAD1927

LAT: 36.32570°N
LONG: 107.89411°W
DATUM: NAD1983

SURFACE LOCATION
1753' FSL 199' FWL
SECTION 10, T24N, R10W
LAT: 36.32561°N
LONG: 107.89103°W
DATUM: NAD1927

LAT: 36.32563°N
LONG: 107.89165°W
DATUM: NAD1983

AV

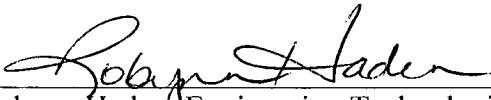
DEVIATION SURVEYS

MD (Feet)	Inclination (Degree)
623	.60
866	.60
1170	.20
1476	.90
1791	1.00
2106	1.00
2484	1.00
2799	.60
3114	.40
3430	.60
3745	.30
4060	.70
4374	.30
4688	.50
4856	.70

RCVD JUL 18 '13
OIL CONS. DIV.
DIST. 3

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.


Robynn Haden, Engineering Technologist

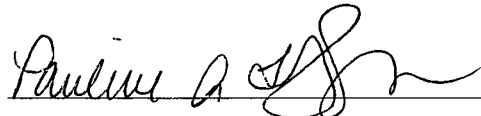
7/16/13
7/16/13

ACKNOWLEDGMENT

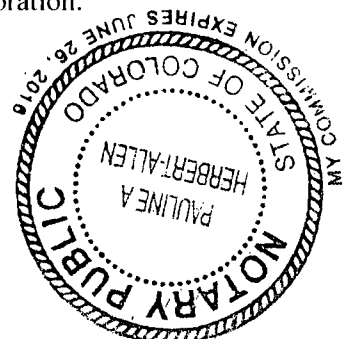
State of Colorado
City and County of Denver

This instrument was acknowledged before me on this 16th day of July, 2013 by Robynn Haden as Attorney in Fact of Encana Oil & Gas (USA) Inc., on behalf of said corporation.

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

Notary Public: 

My Commission Expires: June 26, 2016
AV



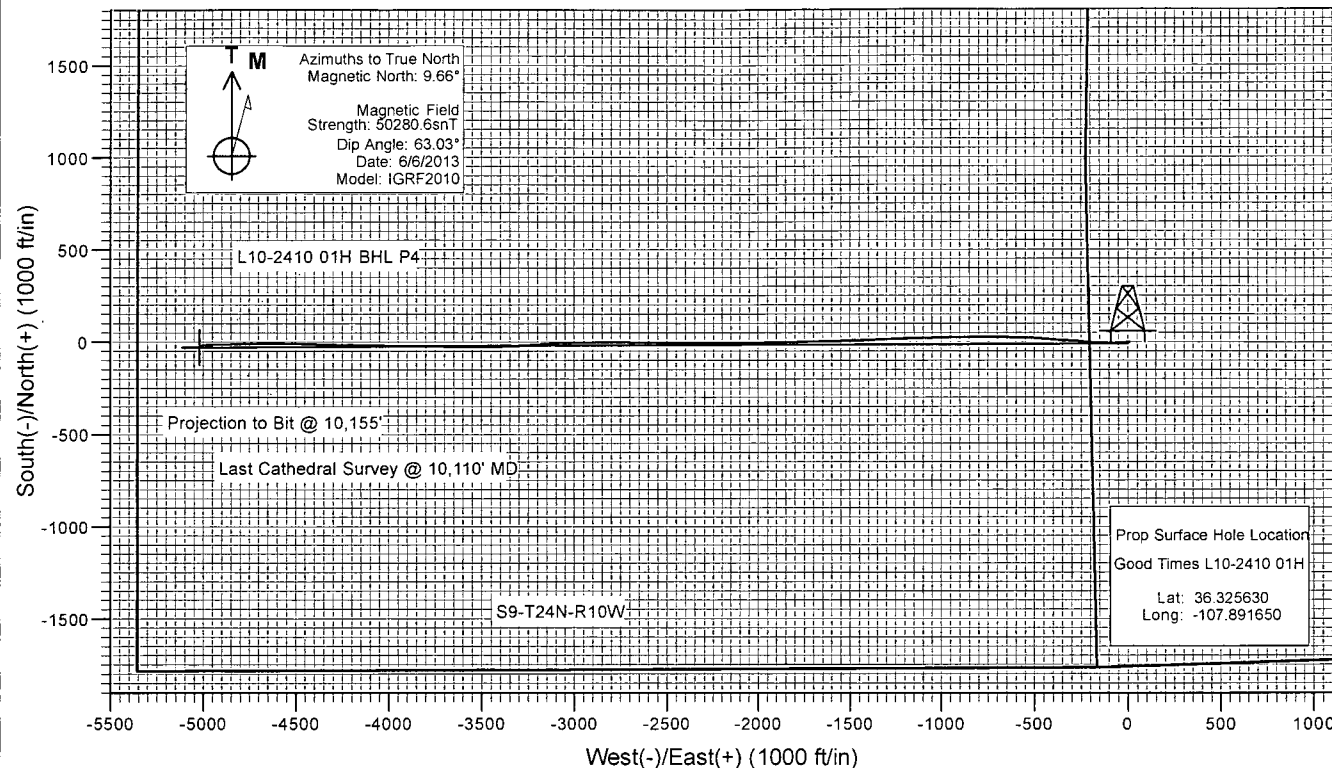


Project: San Juan County, NM
 Site: S10-T24N-R10W (Good Times)
 Well: Good Times L10-2410 01H
 Wellbore: HZ
 Design: FINAL



RCVD JUL 18 '13
 OIL CONS. DIV.
 DIST. 3

True Vertical Depth (1000 ft/in)



4000

5000

0

1000

2000

3000

4000

5000

6000

7000

8000

9000

Vertical Section at 269.67° (1000 ft/in)

FINAL							
Good Times L10-2410 01H							
241455 135249							
13' KB @ 6909.0ft (Aztec 730)							
North American Datum 1983							
Well Good Times L10-2410 01H, True North							
Type	Target	Azimuth	Origin	Type	N/S	E/W	From
Target	L10-2410 01H BHL	269.67	Slot		0.0	0.0	TVD
							0.0
Name		TVD	+N/-S	+E/-W	Latitude		Longitude
L10-2410 01H BHL		5228.2	-28.7	-5019.4	36.325550		-107.908690
L10-2410 01H BHL P4		5303.2	-28.7	-5019.4	36.325550		-107.908690

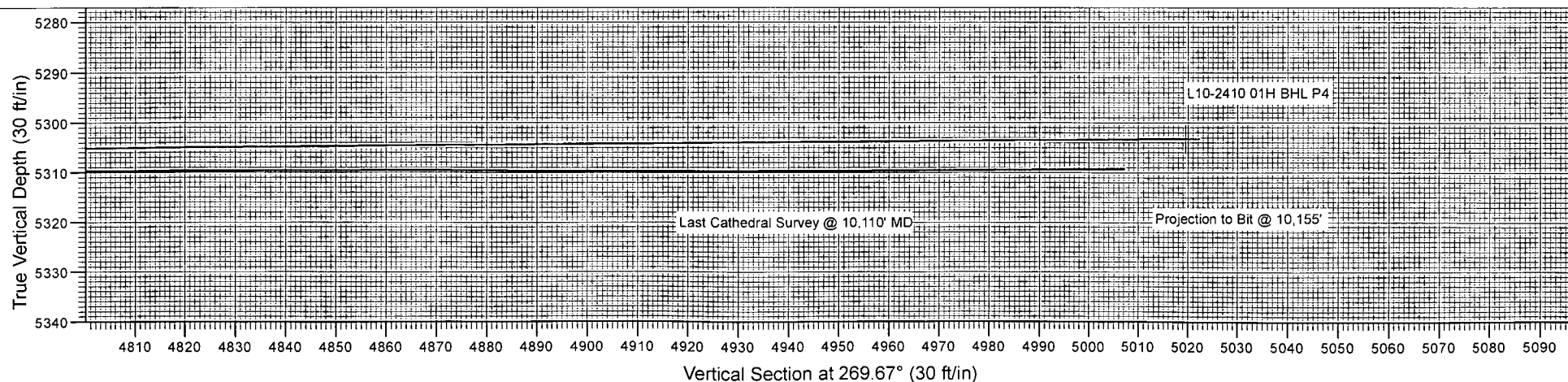
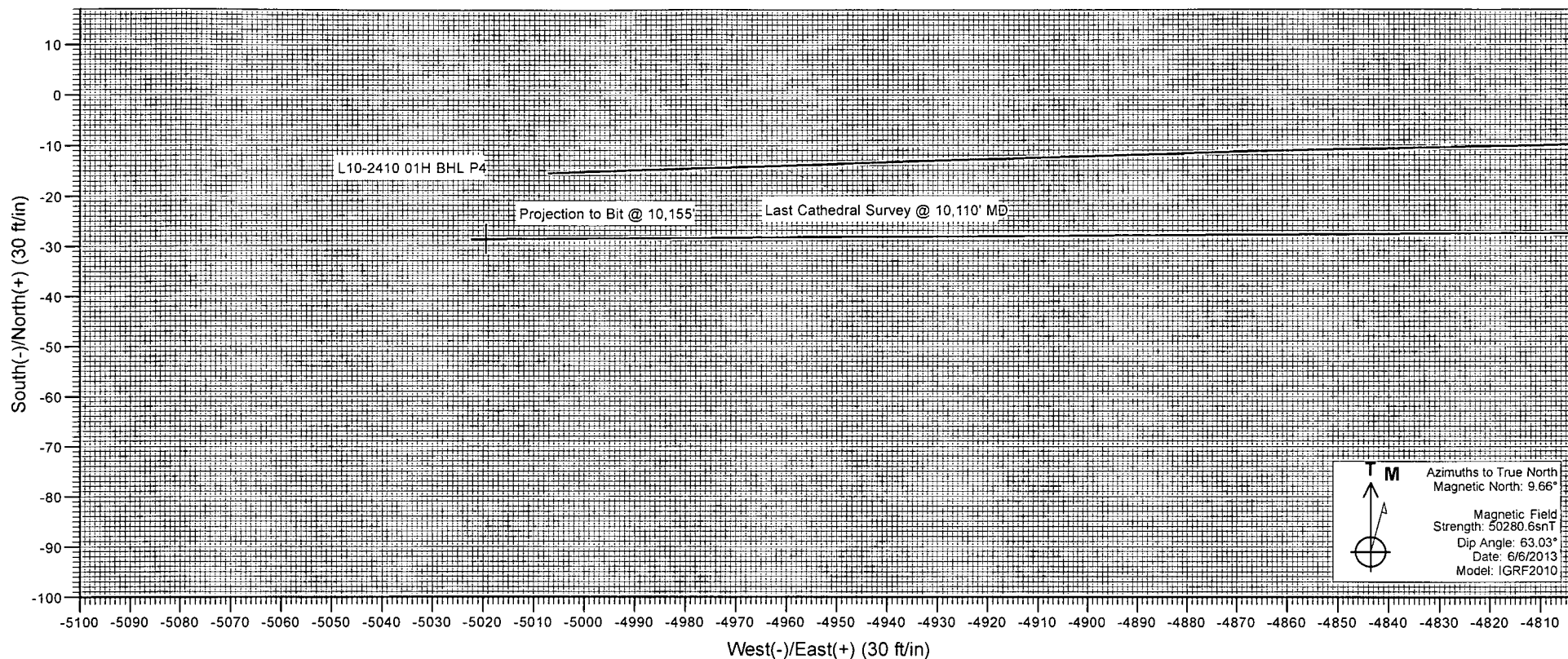
L10-2410 01H BHL P4

Last Cathedral Survey @ 10,110' MD

Projection to Bit @ 10,155'



Project: San Juan County, NM
Site: S10-T24N-R10W (Good Times)
Well: Good Times L10-2410 01H
Wellbore: HZ
Design: FINAL



Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Good Times L10-2410 01H
Project:	San Juan County, NM	TVD Reference:	13' KB @ 6909.0ft (Aztec 730)
Site:	S10-T24N-R10W (Good Times)	MD Reference:	13' KB @ 6909.0ft (Aztec 730)
Well:	Good Times L10-2410 01H	North Reference:	True
Wellbore:	HZ	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Project	San Juan County, NM		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	S10-T24N-R10W (Good Times)				
Site Position:		Northing:	1,937,831.40 ft	Latitude:	36.325610
From:	Lat/Long	Easting:	2,706,101.56 ft	Longitude:	-107.891030
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	-0.03 °

Well	Good Times L10-2410 01H					
Well Position	+N/-S	0.0 ft	Northing:	1,937,838.79 ft	Latitude:	36.325630
	+E/-W	0.0 ft	Easting:	2,705,918.94 ft	Longitude:	-107.891650
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,896.0 ft

Wellbore	HZ				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/6/2013	9.66	63.03	50,281

Design	FINAL			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	269.67

Survey Program	Date 6/27/2013			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
623.0	4,751.0	Survey #1 (HZ)	Geolink MWD	Geolink MWD
4,824.0	10,155.0	Survey #2 (HZ)	Geolink MWD	Geolink MWD

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
623.0	0.60	222.40	623.0	-2.4	-2.2	2.2	0.10	0.10	
684.0	0.60	222.10	684.0	-2.9	-2.6	2.6	0.01	0.00	
745.0	0.70	219.00	745.0	-3.4	-3.1	3.1	0.17	0.16	
805.0	0.80	219.50	805.0	-4.0	-3.6	3.6	0.17	0.17	
866.0	0.60	177.90	866.0	-4.7	-3.8	3.9	0.87	-0.33	
927.0	0.60	174.50	927.0	-5.3	-3.8	3.8	0.06	0.00	
987.0	0.40	171.10	987.0	-5.8	-3.7	3.8	0.34	-0.33	
1,048.0	0.40	196.20	1,048.0	-6.2	-3.8	3.8	0.28	0.00	
1,109.0	0.30	155.00	1,109.0	-6.6	-3.7	3.8	0.43	-0.16	
1,170.0	0.20	99.70	1,170.0	-6.7	-3.6	3.6	0.41	-0.16	
1,231.0	0.20	127.70	1,231.0	-6.8	-3.4	3.4	0.16	0.00	

Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Good Times L10-2410 01H
Project:	San Juan County, NM	TVD Reference:	13' KB @ 6909.0ft (Aztec 730)
Site:	S10-T24N-R10W (Good Times)	MD Reference:	13' KB @ 6909.0ft (Aztec 730)
Well:	Good Times L10-2410 01H	North Reference:	True
Wellbore:	HZ	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
1,292.0	1.10	75.10	1,292.0	-6.7	-2.7	2.8	1.63	1.48	
1,352.0	1.00	74.70	1,351.9	-6.5	-1.7	1.7	0.17	-0.17	
1,413.0	0.80	78.70	1,412.9	-6.2	-0.7	0.8	0.34	-0.33	
1,476.0	0.90	73.60	1,475.9	-6.0	0.2	-0.1	0.20	0.16	
1,539.0	0.70	55.80	1,538.9	-5.7	1.0	-0.9	0.50	-0.32	
1,602.0	1.10	34.80	1,601.9	-4.9	1.6	-1.6	0.81	0.63	
1,665.0	1.10	28.80	1,664.9	-3.9	2.3	-2.2	0.18	0.00	
1,728.0	1.10	38.40	1,727.9	-2.9	2.9	-2.9	0.29	0.00	
1,791.0	1.00	54.10	1,790.9	-2.1	3.7	-3.7	0.48	-0.16	
1,854.0	1.10	57.10	1,853.9	-1.5	4.7	-4.7	0.18	0.16	
1,917.0	1.20	54.10	1,916.9	-0.7	5.7	-5.7	0.19	0.16	
1,980.0	1.10	67.40	1,979.9	-0.1	6.8	-6.8	0.45	-0.16	
2,043.0	0.90	80.20	2,042.8	0.2	7.9	-7.9	0.47	-0.32	
2,106.0	1.00	72.90	2,105.8	0.4	8.9	-8.9	0.25	0.16	
2,169.0	0.50	250.40	2,168.8	0.5	9.2	-9.2	2.38	-0.79	
2,232.0	1.00	254.90	2,231.8	0.3	8.4	-8.4	0.80	0.79	
2,295.0	1.10	259.80	2,294.8	0.0	7.2	-7.2	0.21	0.16	
2,421.0	1.00	256.50	2,420.8	-0.5	5.0	-5.0	0.09	-0.08	
2,484.0	1.00	251.60	2,483.8	-0.8	3.9	-3.9	0.14	0.00	
2,547.0	1.10	253.60	2,546.8	-1.1	2.8	-2.8	0.17	0.16	
2,610.0	1.10	256.20	2,609.8	-1.4	1.7	-1.6	0.08	0.00	
2,673.0	1.30	257.20	2,672.7	-1.7	0.4	-0.4	0.32	0.32	
2,736.0	1.00	273.90	2,735.7	-1.8	-0.9	0.9	0.71	-0.48	
2,799.0	0.60	276.10	2,798.7	-1.8	-1.7	1.8	0.64	-0.63	
2,863.0	0.90	283.10	2,862.7	-1.6	-2.6	2.6	0.49	0.47	
2,925.0	1.00	271.60	2,924.7	-1.5	-3.6	3.6	0.35	0.16	
2,988.0	0.80	266.10	2,987.7	-1.5	-4.6	4.6	0.35	-0.32	
3,051.0	1.10	257.30	3,050.7	-1.7	-5.6	5.6	0.53	0.48	
3,114.0	0.40	289.20	3,113.7	-1.7	-6.4	6.4	1.25	-1.11	
3,177.0	0.80	16.00	3,176.7	-1.2	-6.5	6.5	1.39	0.63	
3,240.0	1.00	34.50	3,239.7	-0.4	-6.1	6.1	0.56	0.32	
3,303.0	1.00	42.60	3,302.7	0.5	-5.4	5.4	0.22	0.00	
3,367.0	0.70	39.10	3,366.7	1.2	-4.7	4.7	0.48	-0.47	
3,430.0	0.60	33.00	3,429.7	1.8	-4.3	4.3	0.19	-0.16	
3,493.0	0.40	75.90	3,492.7	2.1	-3.9	3.9	0.65	-0.32	
3,556.0	0.30	99.70	3,555.7	2.1	-3.6	3.5	0.28	-0.16	
3,619.0	0.20	204.30	3,618.7	2.0	-3.4	3.4	0.64	-0.16	
3,681.0	0.40	254.40	3,680.7	1.9	-3.7	3.7	0.50	0.32	
3,745.0	0.30	230.50	3,744.7	1.7	-4.0	4.0	0.27	-0.16	
3,808.0	0.50	232.60	3,807.7	1.4	-4.4	4.4	0.32	0.32	
3,871.0	0.60	251.00	3,870.7	1.1	-4.9	4.9	0.32	0.16	
3,934.0	0.80	265.10	3,933.6	1.0	-5.7	5.7	0.42	0.32	
3,996.0	0.10	279.70	3,995.6	1.0	-6.1	6.1	1.13	-1.13	
4,060.0	0.70	91.50	4,059.6	1.0	-5.8	5.8	1.25	0.94	
4,123.0	0.90	99.00	4,122.6	0.9	-4.9	4.9	0.36	0.32	
4,186.0	0.90	99.10	4,185.6	0.7	-4.0	4.0	0.00	0.00	
4,248.0	0.70	98.90	4,247.6	0.6	-3.1	3.1	0.32	-0.32	
4,311.0	0.40	113.80	4,310.6	0.4	-2.5	2.5	0.52	-0.48	
4,374.0	0.30	157.60	4,373.6	0.2	-2.3	2.3	0.44	-0.16	
4,437.0	0.60	192.40	4,436.6	-0.3	-2.3	2.3	0.62	0.48	
4,500.0	1.10	207.90	4,499.6	-1.1	-2.6	2.6	0.87	0.79	
4,562.0	0.70	198.70	4,561.6	-2.0	-3.0	3.0	0.68	-0.65	
4,625.0	0.50	159.80	4,624.6	-2.6	-3.1	3.1	0.70	-0.32	

Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Good Times L10-2410 01H
Project:	San Juan County, NM	TVD Reference:	13' KB @ 6909.0ft (Aztec 730)
Site:	S10-T24N-R10W (Good Times)	MD Reference:	13' KB @ 6909.0ft (Aztec 730)
Well:	Good Times L10-2410 01H	North Reference:	True
Wellbore:	HZ	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
4,688.0	0.50	162.60	4,687.6	-3.2	-2.9	2.9	0.04	0.00	
4,751.0	0.40	185.70	4,750.6	-3.6	-2.8	2.8	0.33	-0.16	
4,824.0	0.60	207.90	4,823.6	-4.2	-3.0	3.0	0.38	0.27	
4,856.0	0.70	222.80	4,855.6	-4.5	-3.2	3.3	0.61	0.31	
4,887.0	2.90	251.70	4,886.6	-4.9	-4.1	4.1	7.46	7.10	
4,902.0	5.10	262.30	4,901.5	-5.1	-5.1	5.2	15.41	14.67	
4,919.0	7.30	266.00	4,918.4	-5.3	-6.9	7.0	13.15	12.94	
4,950.0	12.20	267.20	4,949.0	-5.6	-12.2	12.2	15.82	15.81	
4,982.0	15.30	270.30	4,980.1	-5.7	-19.8	19.8	9.95	9.69	
5,013.0	18.40	268.20	5,009.7	-5.9	-28.8	28.8	10.19	10.00	
5,045.0	21.50	266.40	5,039.8	-6.4	-39.7	39.7	9.87	9.69	
5,076.0	23.10	267.20	5,068.5	-7.0	-51.4	51.5	5.25	5.16	
5,108.0	25.90	267.20	5,097.6	-7.7	-64.7	64.7	8.75	8.75	
5,140.0	29.40	269.70	5,125.9	-8.1	-79.5	79.6	11.52	10.94	
5,171.0	32.90	272.70	5,152.5	-7.7	-95.5	95.6	12.35	11.29	
5,203.0	36.60	273.80	5,178.8	-6.7	-113.7	113.8	11.73	11.56	
5,234.0	40.30	274.70	5,203.0	-5.2	-133.0	133.0	12.07	11.94	
5,266.0	44.50	274.90	5,226.7	-3.4	-154.5	154.5	13.13	13.12	
5,297.0	49.20	274.90	5,247.8	-1.5	-177.0	177.0	15.16	15.16	
5,328.0	53.40	273.80	5,267.2	0.3	-201.1	201.1	13.83	13.55	
5,360.0	57.10	274.90	5,285.5	2.3	-227.3	227.3	11.90	11.56	
5,393.0	60.50	275.10	5,302.6	4.8	-255.4	255.4	10.31	10.30	
5,424.0	65.20	273.70	5,316.7	6.9	-282.9	282.9	15.68	15.16	
5,456.0	70.90	273.90	5,328.7	8.9	-312.5	312.5	17.82	17.81	
5,487.0	76.20	273.70	5,337.4	10.8	-342.2	342.1	17.11	17.10	
5,519.0	81.30	273.60	5,343.7	12.8	-373.5	373.4	15.94	15.94	
5,528.0	83.30	273.60	5,344.9	13.4	-382.4	382.3	22.22	22.22	
5,572.0	89.90	273.90	5,347.5	16.3	-426.2	426.1	15.02	15.00	
5,635.0	89.90	273.20	5,347.6	20.2	-489.1	489.0	1.11	0.00	
5,667.0	90.40	273.10	5,347.5	21.9	-521.0	520.9	1.59	1.56	
5,730.0	91.40	272.10	5,346.5	24.8	-584.0	583.8	2.24	1.59	
5,793.0	91.20	271.80	5,345.1	26.9	-646.9	646.7	0.57	-0.32	
5,856.0	91.00	270.40	5,343.9	28.1	-709.9	709.7	2.24	-0.32	
5,919.0	90.70	269.60	5,343.0	28.1	-772.9	772.7	1.36	-0.48	
5,982.0	90.30	268.80	5,342.4	27.3	-835.9	835.7	1.42	-0.63	
6,045.0	91.40	268.80	5,341.5	25.9	-898.8	898.7	1.75	1.75	
6,108.0	91.60	268.90	5,339.8	24.7	-961.8	961.6	0.35	0.32	
6,171.0	91.50	269.20	5,338.1	23.6	-1,024.8	1,024.6	0.50	-0.16	
6,234.0	90.70	269.70	5,336.9	23.0	-1,087.8	1,087.6	1.50	-1.27	
6,297.0	90.30	268.60	5,336.4	22.1	-1,150.7	1,150.6	1.86	-0.63	
6,360.0	90.30	267.70	5,336.0	20.1	-1,213.7	1,213.6	1.43	0.00	
6,423.0	90.80	267.10	5,335.4	17.2	-1,276.6	1,276.5	1.24	0.79	
6,486.0	91.80	267.60	5,334.0	14.3	-1,339.6	1,339.5	1.77	1.59	
6,549.0	91.70	267.40	5,332.1	11.5	-1,402.5	1,402.4	0.35	-0.16	
6,612.0	91.00	268.00	5,330.6	9.0	-1,465.4	1,465.3	1.46	-1.11	
6,675.0	90.80	268.10	5,329.6	6.9	-1,528.4	1,528.3	0.35	-0.32	
6,738.0	91.50	268.10	5,328.3	4.8	-1,591.3	1,591.3	1.11	1.11	
6,801.0	91.70	268.80	5,326.6	3.1	-1,654.3	1,654.2	1.16	0.32	
6,864.0	90.40	268.70	5,325.4	1.7	-1,717.2	1,717.2	2.07	-2.06	
6,927.0	90.50	268.90	5,324.9	0.4	-1,780.2	1,780.2	0.35	0.16	
6,990.0	91.20	268.80	5,324.0	-0.9	-1,843.2	1,843.2	1.12	1.11	
7,053.0	90.70	269.20	5,322.9	-2.0	-1,906.2	1,906.2	1.02	-0.79	
7,116.0	89.90	269.30	5,322.6	-2.8	-1,969.2	1,969.2	1.28	-1.27	

Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Good Times L10-2410 01H
Project:	San Juan County, NM	TVD Reference:	13' KB @ 6909.0ft (Aztec 730)
Site:	S10-T24N-R10W (Good Times)	MD Reference:	13' KB @ 6909.0ft (Aztec 730)
Well:	Good Times L10-2410 01H	North Reference:	True
Wellbore:	HZ	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
7,179.0	90.60	268.70	5,322.3	-3.9	-2,032.2	2,032.2	1.46	1.11	
7,242.0	90.70	269.20	5,321.6	-5.1	-2,095.1	2,095.1	0.81	0.16	
7,305.0	90.40	269.50	5,321.0	-5.8	-2,158.1	2,158.1	0.67	-0.48	
7,368.0	90.40	269.10	5,320.6	-6.5	-2,221.1	2,221.1	0.63	0.00	
7,431.0	90.70	270.10	5,320.0	-7.0	-2,284.1	2,284.1	1.66	0.48	
7,494.0	90.60	271.00	5,319.3	-6.4	-2,347.1	2,347.1	1.44	-0.16	
7,557.0	89.30	270.90	5,319.3	-5.3	-2,410.1	2,410.1	2.07	-2.06	
7,620.0	89.90	270.60	5,319.8	-4.5	-2,473.1	2,473.1	1.06	0.95	
7,683.0	90.70	270.30	5,319.4	-4.0	-2,536.1	2,536.1	1.36	1.27	
7,746.0	90.30	270.70	5,318.9	-3.5	-2,599.1	2,599.1	0.90	-0.63	
7,809.0	91.10	270.30	5,318.1	-2.9	-2,662.1	2,662.1	1.42	1.27	
7,872.0	90.20	270.80	5,317.4	-2.3	-2,725.1	2,725.1	1.63	-1.43	
7,935.0	90.90	270.40	5,316.8	-1.7	-2,788.1	2,788.0	1.28	1.11	
7,998.0	90.40	269.60	5,316.1	-1.7	-2,851.1	2,851.0	1.50	-0.79	
8,061.0	91.10	269.70	5,315.2	-2.0	-2,914.1	2,914.0	1.12	1.11	
8,124.0	90.10	269.10	5,314.6	-2.7	-2,977.1	2,977.0	1.85	-1.59	
8,187.0	90.00	268.30	5,314.5	-4.1	-3,040.0	3,040.0	1.28	-0.16	
8,250.0	90.40	267.40	5,314.3	-6.5	-3,103.0	3,103.0	1.56	0.63	
8,313.0	90.30	266.40	5,313.9	-9.9	-3,165.9	3,165.9	1.60	-0.16	
8,376.0	90.90	266.30	5,313.3	-13.9	-3,228.8	3,228.8	0.97	0.95	
8,439.0	90.90	266.80	5,312.3	-17.7	-3,291.6	3,291.7	0.79	0.00	
8,502.0	90.50	267.40	5,311.5	-20.9	-3,354.6	3,354.6	1.14	-0.63	
8,565.0	90.00	267.80	5,311.2	-23.5	-3,417.5	3,417.6	1.02	-0.79	
8,628.0	90.80	269.20	5,310.8	-25.2	-3,480.5	3,480.6	2.56	1.27	
8,691.0	89.80	269.60	5,310.5	-25.8	-3,543.5	3,543.6	1.71	-1.59	
8,754.0	90.20	270.70	5,310.5	-25.7	-3,606.5	3,606.6	1.86	0.63	
8,817.0	90.60	271.30	5,310.0	-24.6	-3,669.5	3,669.5	1.14	0.63	
8,880.0	88.60	271.60	5,310.5	-23.0	-3,732.4	3,732.5	3.21	-3.17	
8,943.0	89.00	271.10	5,311.8	-21.5	-3,795.4	3,795.5	1.02	0.63	
9,006.0	89.70	270.80	5,312.5	-20.4	-3,858.4	3,858.4	1.21	1.11	
9,069.0	90.30	270.20	5,312.5	-19.9	-3,921.4	3,921.4	1.35	0.95	
9,131.0	89.90	270.70	5,312.4	-19.4	-3,983.4	3,983.4	1.03	-0.65	
9,195.0	91.10	270.90	5,311.8	-18.5	-4,047.4	4,047.4	1.90	1.87	
9,257.0	90.80	271.60	5,310.8	-17.2	-4,109.4	4,109.4	1.23	-0.48	
9,320.0	90.00	271.40	5,310.4	-15.5	-4,172.3	4,172.3	1.31	-1.27	
9,384.0	89.70	270.90	5,310.5	-14.2	-4,236.3	4,236.3	0.91	-0.47	
9,447.0	90.70	270.60	5,310.3	-13.4	-4,299.3	4,299.3	1.66	1.59	
9,510.0	90.10	271.20	5,309.9	-12.4	-4,362.3	4,362.3	1.35	-0.95	
9,573.0	89.60	271.20	5,310.0	-11.1	-4,425.3	4,425.3	0.79	-0.79	
9,636.0	90.40	271.00	5,310.0	-9.9	-4,488.3	4,488.3	1.31	1.27	
9,699.0	89.70	270.50	5,310.0	-9.1	-4,551.3	4,551.2	1.37	-1.11	
9,762.0	90.60	270.30	5,309.8	-8.6	-4,614.3	4,614.2	1.46	1.43	
9,825.0	89.50	269.80	5,309.8	-8.6	-4,677.3	4,677.2	1.92	-1.75	
9,887.0	90.00	269.30	5,310.0	-9.1	-4,739.3	4,739.2	1.14	0.81	
9,950.0	90.70	269.20	5,309.6	-9.9	-4,802.3	4,802.2	1.12	1.11	
10,013.0	89.60	268.50	5,309.5	-11.1	-4,865.2	4,865.2	2.07	-1.75	
10,076.0	90.00	268.20	5,309.7	-13.0	-4,928.2	4,928.2	0.79	0.63	
10,110.0	90.40	268.10	5,309.6	-14.1	-4,962.2	4,962.2	1.21	1.18	Last Cathedral Survey @ 10,110' MD Projection to Bit @ 10,155'
10,155.0	90.40	268.10	5,309.3	-15.5	-5,007.2	5,007.2	0.00	0.00	

Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Good Times L10-2410 01H
Project:	San Juan County, NM	TVD Reference:	13' KB @ 6909.0ft (Aztec 730)
Site:	S10-T24N-R10W (Good Times)	MD Reference:	13' KB @ 6909.0ft (Aztec 730)
Well:	Good Times L10-2410 01H	North Reference:	True
Wellbore:	HZ	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Targets

Target Name

- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
L10-2410 01H BHL	0.00	359.96	5,228.2	-28.7	-5,019.4	1,937,813.14	2,700,899.49	36.325550	-107.908690
- actual wellpath misses target center by 83.0ft at 10155.0ft MD (5309.3 TVD, -15.5 N, -5007.2 E)									
- Point									
L10-2410 01H BHL P4	0.00	359.96	5,303.2	-28.7	-5,019.4	1,937,813.14	2,700,899.49	36.325550	-107.908690
- actual wellpath misses target center by 19.0ft at 10155.0ft MD (5309.3 TVD, -15.5 N, -5007.2 E)									
- Point									

Design Annotations

Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
10,110.0	5,309.6	-14.1	-4,962.2	Last Cathedral Survey @ 10,110' MD
10,155.0	5,309.3	-15.5	-5,007.2	Projection to Bit @ 10,155'

Checked By: _____ Approved By: _____ Date: _____