

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

CONFIDENTIAL

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

*API Number 30-045-35482		*Pool Code 5860	*Pool Name SOUTH BISTI-GALLUP
*Property Code 39985	*Property Name GOOD TIMES P36-2410		*Well Number 02H
*OGRID No. 282327	*Operator Name ENCANA OIL & GAS (USA) INC.		*Elevation 6874'

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
P	36	24N	10W		1311	SOUTH	255	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

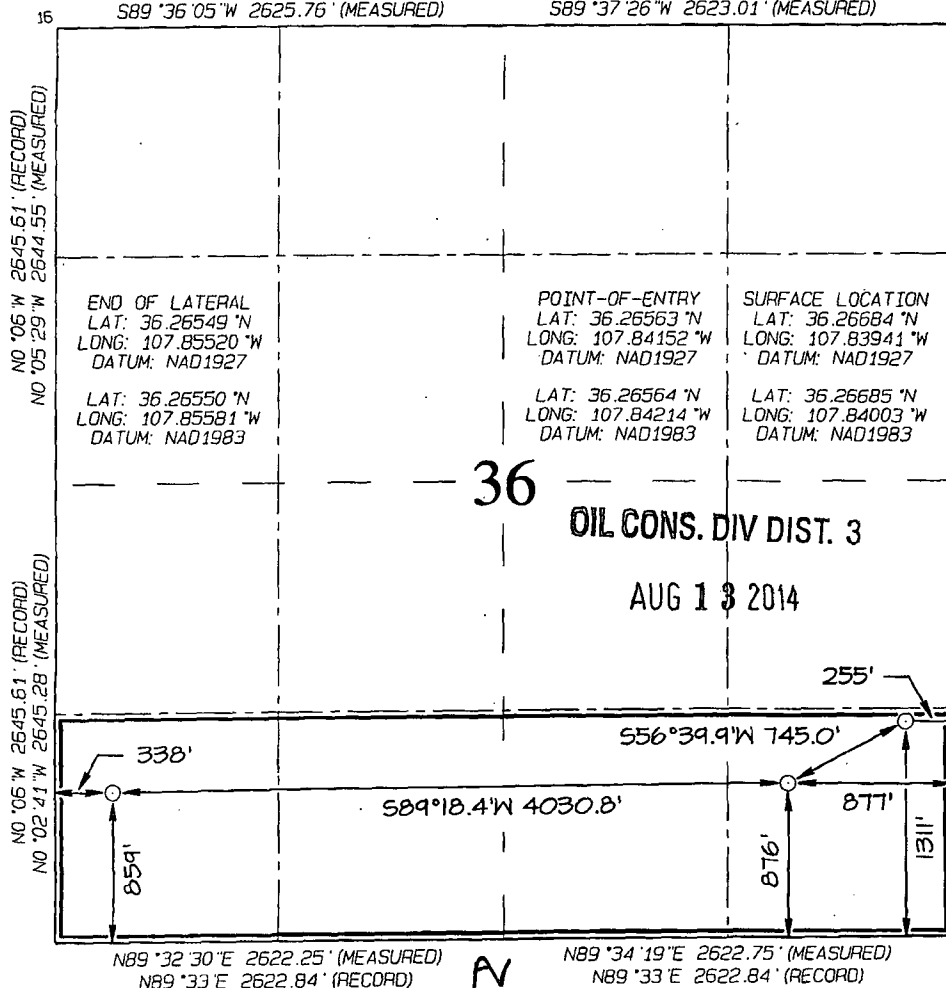
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	24N	10W		859	SOUTH	338	WEST	SAN JUAN

*Dedicated Acres 160.0 Acres S/2 S/2 Section 36	*Joint or Infill	*Consolidation Code	*Order No.
---	------------------	---------------------	------------

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

589°37'W 2624.16' (RECORD)
589°36°05'W 2625.76' (MEASURED)

589°37'W 2624.16' (RECORD)
589°37°26'W 2623.01' (MEASURED)



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.

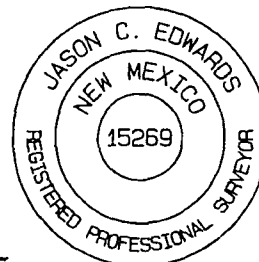
Signature: *Brenda R. Linster* Date: 08/12/14
Printed Name: Brenda R. Linster
E-mail Address: Brenda.Linster@encana.com

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: JUNE 12, 2014
Date of Survey: AUGUST 20, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

CONFIDENTIAL

DEVIATION SURVEYS

MD (Feet)	Inclination (Degree)
381'	0.40
712'	0.80
1027'	0.90
1342'	0.90
1658'	1.20
1973'	1.0
2288'	1.30
2604'	0.40
2919'	0.80
3201'	0.40
3517'	0.30
3830'	0.40
4083'	5.70

OIL CONS. DIV DIST.

AUG 13 2014

OPERATOR CERTIFICATION

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

Cristi Bauer

8/12/14

Cristi Bauer, Operations Technician

8/12/14

ACKNOWLEDGMENT

State of Colorado
City and County of Denver

This instrument was acknowledged before me on this 12th day of August, 2014 by Cristi Bauer as Attorney in Fact of Encana Oil & Gas (USA) Inc., on behalf of said corporation.

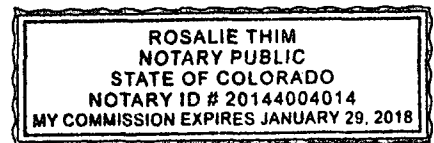
In witness whereof, I hereunto set my hand and official seal.

Notary Public:

Rosalie Thim

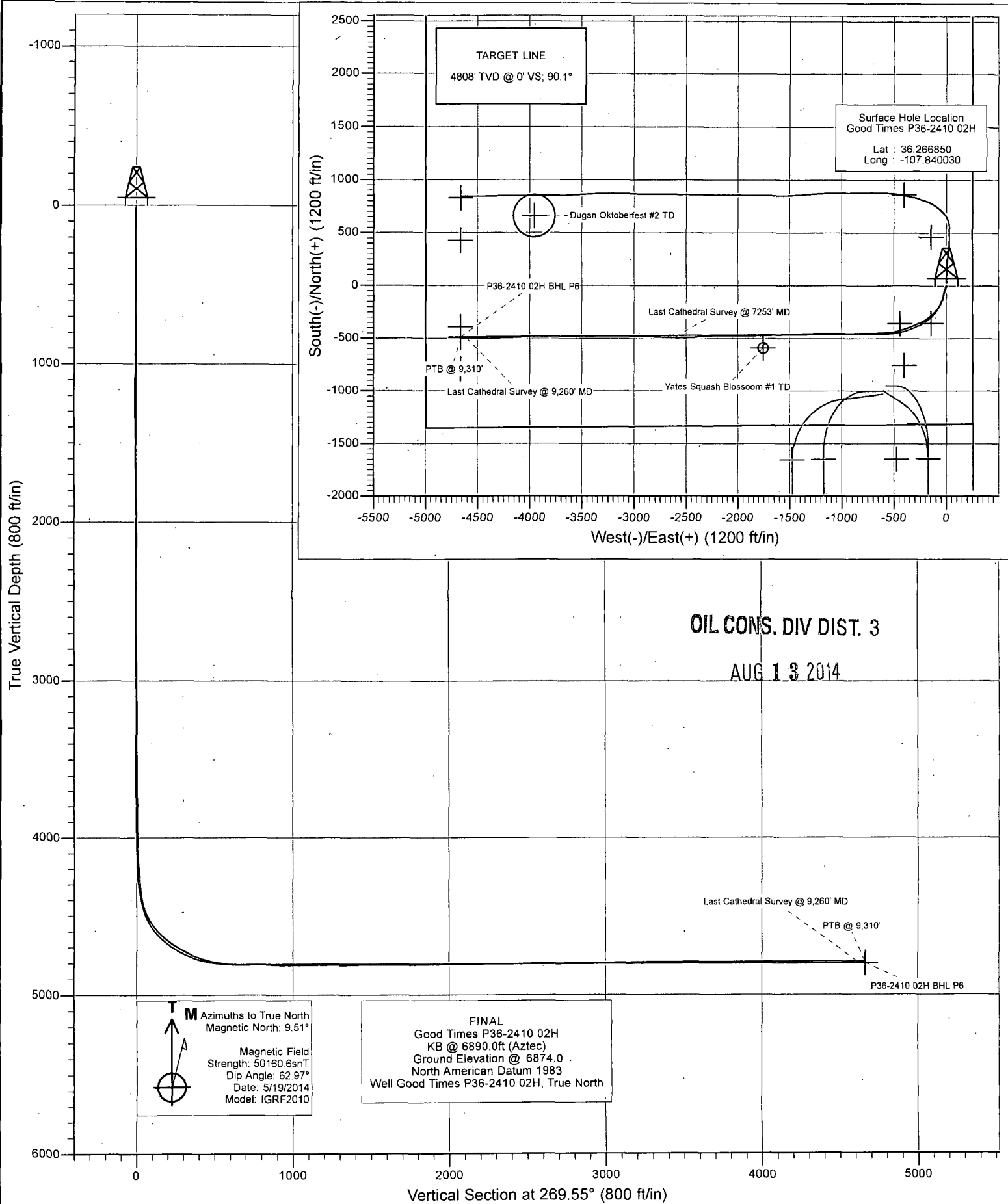
My Commission Expires:

1/29/18



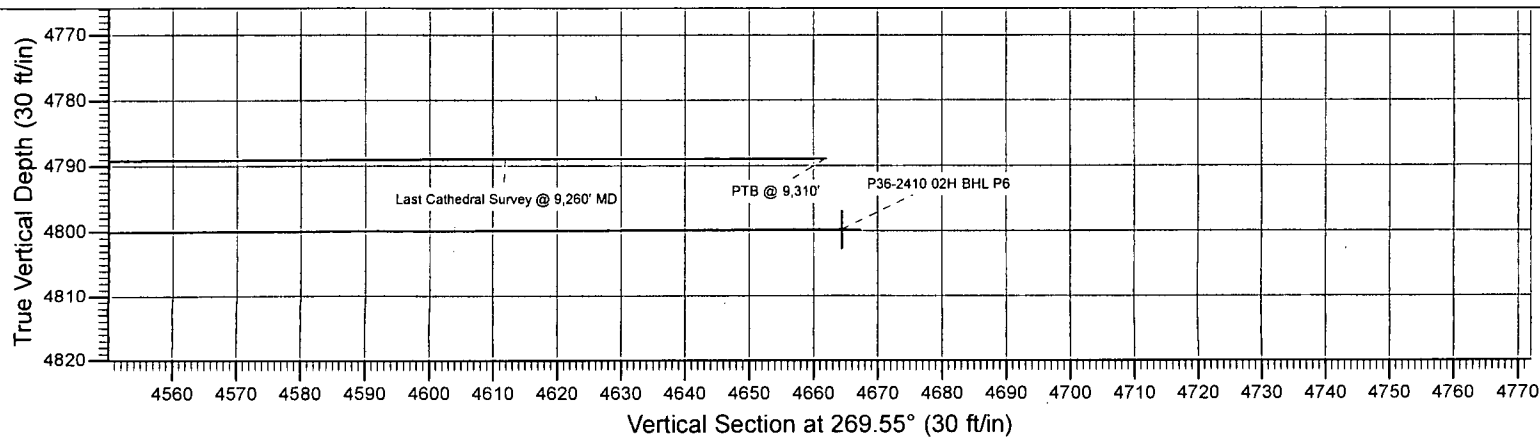
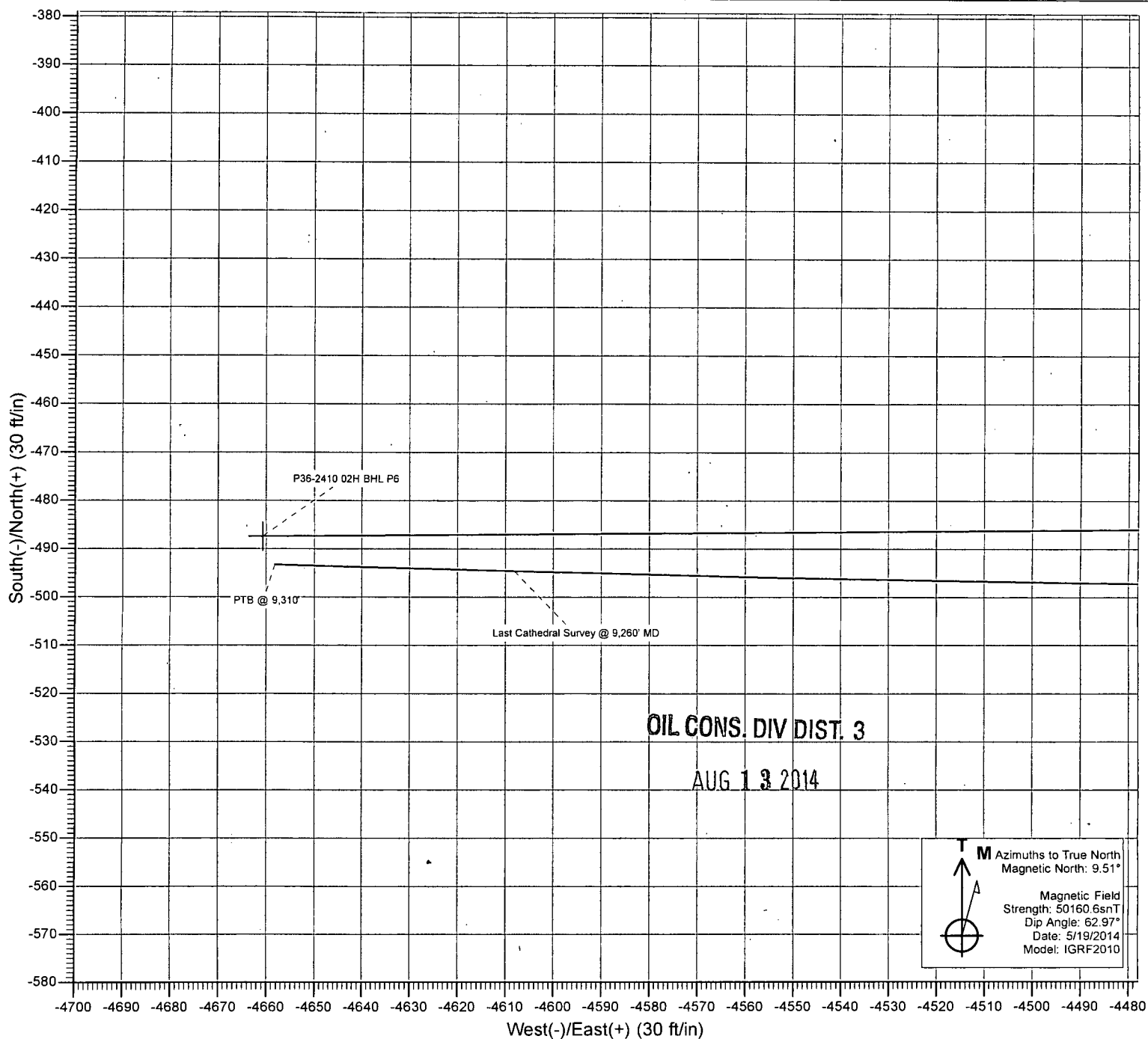
encana

Project: San Juan County, NM
Site: S36-T24N-R10W (Good Times)
Well: Good Times P36-2410 02H
Wellbore: HZ
Design: FINAL





Project: San Juan County, NM
Site: S36-T24N-R10W (Good Times)
Well: Good Times P36-2410 02H
Wellbore: HZ
Design: FINAL



Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Good Times P36-2410 02H
Project:	San Juan County, NM	TVD Reference:	KB @ 6890.0ft (Aztec)
Site:	S36-T24N-R10W (Good Times)	MD Reference:	KB @ 6890.0ft (Aztec)
Well:	Good Times P36-2410 02H	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	S36-T24N-R10W (Good Times)		
Site Position:		Northing:	1,937,831.40 ft
From:	Lat/Long	Easting:	2,706,101.56 ft
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in
		Latitude:	36.325610
		Longitude:	-107.891030
		Grid Convergence:	-0.03 °

Well	Good Times P36-2410 02H		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36.266850
		Longitude:	-107.840030
		Ground Level:	6,874.0 ft

Wellbore	HZ		
Magnetics	Model Name	Sample Date	Declination
	IGRF2010	5/19/2014	(°)
			9.51
			Dip Angle (°)
			62.97
			Field Strength (nT)
			50,161

Design	FINAL		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction (°)
			269.55

Survey Program	Date 6/2/2014		
From	To	Survey (Wellbore)	Tool Name
(ft)	(ft)		
168.0	9,310.0	Survey #1 (HZ)	Geolink MWD
			Description
			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	
168.0	0.40	105.50	168.0	-0.2	0.6	-0.6	0.24	0.24	
255.0	0.40	93.30	255.0	-0.3	1.2	-1.2	0.10	0.00	
317.0	0.30	132.90	317.0	-0.4	1.5	-1.5	0.41	-0.16	
381.0	0.40	123.70	381.0	-0.6	1.8	-1.8	0.18	0.16	
475.0	0.50	131.20	475.0	-1.1	2.4	-2.4	0.12	0.11	
523.0	0.50	162.50	523.0	-1.4	2.6	-2.6	0.56	0.00	
587.0	0.50	189.00	587.0	-1.9	2.6	-2.6	0.36	0.00	
649.0	0.80	199.20	649.0	-2.6	2.5	-2.4	0.52	0.48	
712.0	0.80	194.30	712.0	-3.5	2.2	-2.2	0.11	0.00	
775.0	0.80	32.90	775.0	-3.5	2.3	-2.3	2.51	0.00	
838.0	0.90	26.60	838.0	-2.7	2.8	-2.8	0.22	0.16	
901.0	0.90	32.30	901.0	-1.9	3.3	-3.3	0.14	0.00	

Cathedral Energy Services

Survey Report

Company: EnCana Oil & Gas (USA) Inc
Project: San Juan County, NM
Site: S36-T24N-R10W (Good Times)
Well: Good Times P36-2410 02H
Wellbore: HZ
Design: FINAL

Local Co-ordinate Reference: Well Good Times P36-2410 02H
TVD Reference: KB @ 6890.0ft (Aztec)
MD Reference: KB @ 6890.0ft (Aztec)
North Reference: True
Survey Calculation Method: Minimum Curvature
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
964.0	0.90	38.50	964.0	-1.0	3.9	-3.8	0.15	0.00	
1,027.0	0.90	18.20	1,026.9	-0.2	4.3	-4.3	0.50	0.00	
1,091.0	1.20	31.00	1,090.9	0.9	4.8	-4.8	0.59	0.47	
1,153.0	0.40	170.60	1,152.9	1.2	5.2	-5.2	2.46	-1.29	
1,216.0	0.60	189.40	1,215.9	0.7	5.2	-5.2	0.41	0.32	
1,279.0	0.80	205.80	1,278.9	-0.1	4.9	-4.9	0.45	0.32	
1,342.0	0.90	190.70	1,341.9	-0.9	4.6	-4.6	0.39	0.16	
1,406.0	0.80	203.00	1,405.9	-1.8	4.4	-4.4	0.32	-0.16	
1,468.0	0.90	208.20	1,467.9	-2.7	4.0	-4.0	0.20	0.16	
1,531.0	0.60	207.40	1,530.9	-3.4	3.6	-3.6	0.48	-0.48	
1,594.0	1.20	223.40	1,593.9	-4.2	3.0	-3.0	1.02	0.95	
1,658.0	1.20	213.50	1,657.9	-5.2	2.2	-2.1	0.32	0.00	
1,721.0	1.00	289.40	1,720.9	-5.6	1.3	-1.2	2.16	-0.32	
1,784.0	0.90	304.20	1,783.9	-5.1	0.3	-0.3	0.42	-0.16	
1,847.0	1.20	314.70	1,846.8	-4.4	-0.5	0.6	0.56	0.48	
1,910.0	1.20	301.80	1,909.8	-3.6	-1.6	1.6	0.43	0.00	
1,973.0	1.00	301.70	1,972.8	-2.9	-2.6	2.6	0.32	-0.32	
2,036.0	1.30	296.40	2,035.8	-2.3	-3.7	3.7	0.50	0.48	
2,099.0	1.10	310.50	2,098.8	-1.6	-4.8	4.8	0.56	-0.32	
2,162.0	1.00	83.30	2,161.8	-1.2	-4.7	4.7	3.06	-0.16	
2,225.0	1.40	94.60	2,224.8	-1.2	-3.4	3.4	0.73	0.63	
2,288.0	1.30	97.50	2,287.8	-1.3	-1.9	1.9	0.19	-0.16	
2,351.0	1.10	106.50	2,350.7	-1.6	-0.6	0.6	0.44	-0.32	
2,414.0	0.30	235.80	2,413.7	-1.8	-0.2	0.2	2.08	-1.27	
2,477.0	0.50	295.00	2,476.7	-1.8	-0.6	0.6	0.69	0.32	
2,540.0	0.60	270.70	2,539.7	-1.7	-1.2	1.2	0.40	0.16	
2,604.0	0.40	270.40	2,603.7	-1.7	-1.7	1.7	0.31	-0.31	
2,667.0	0.40	290.70	2,666.7	-1.6	-2.1	2.2	0.22	0.00	
2,730.0	0.40	254.90	2,729.7	-1.6	-2.6	2.6	0.39	0.00	
2,793.0	0.30	209.80	2,792.7	-1.8	-2.9	2.9	0.45	-0.16	
2,856.0	0.60	230.00	2,855.7	-2.1	-3.2	3.2	0.53	0.48	
2,919.0	0.80	215.90	2,918.7	-2.7	-3.7	3.7	0.42	0.32	
2,951.0	0.80	200.90	2,950.7	-3.1	-3.9	3.9	0.65	0.00	
3,014.0	0.40	175.50	3,013.7	-3.7	-4.0	4.1	0.75	-0.63	
3,076.0	0.40	231.50	3,075.7	-4.1	-4.2	4.2	0.61	0.00	
3,138.0	0.30	201.80	3,137.7	-4.4	-4.4	4.5	0.33	-0.16	
3,201.0	0.40	272.20	3,200.7	-4.5	-4.7	4.7	0.65	0.16	
3,265.0	0.30	288.70	3,264.7	-4.5	-5.1	5.1	0.22	-0.16	
3,328.0	0.10	307.70	3,327.7	-4.4	-5.3	5.3	0.33	-0.32	
3,391.0	0.20	295.70	3,390.7	-4.3	-5.4	5.5	0.17	0.16	
3,454.0	0.30	251.20	3,453.7	-4.3	-5.7	5.7	0.33	0.16	
3,517.0	0.30	327.80	3,516.7	-4.2	-5.9	6.0	0.59	0.00	
3,580.0	0.70	246.70	3,579.7	-4.2	-6.4	6.4	1.14	0.63	
3,643.0	0.40	252.30	3,642.7	-4.4	-6.9	7.0	0.48	-0.48	
3,706.0	0.20	40.20	3,705.7	-4.4	-7.1	7.1	0.92	-0.32	
3,769.0	0.70	115.40	3,768.7	-4.5	-6.7	6.7	1.07	0.79	
3,830.0	0.40	126.40	3,829.7	-4.8	-6.1	6.2	0.52	-0.49	
3,893.0	0.60	166.90	3,892.7	-5.2	-5.9	5.9	0.62	0.32	
3,957.0	0.50	148.70	3,956.7	-5.8	-5.7	5.7	0.31	-0.16	
4,020.0	1.00	164.50	4,019.7	-6.6	-5.4	5.4	0.85	0.79	
4,051.0	3.20	188.40	4,050.7	-7.7	-5.4	5.5	7.49	7.10	
4,083.0	5.70	196.80	4,082.6	-10.1	-6.0	6.1	8.05	7.81	
4,114.0	8.60	201.30	4,113.3	-13.7	-7.3	7.4	9.52	9.35	

Cathedral Energy Services

Survey Report

Company: EnCana Oil & Gas (USA) Inc
 Project: San Juan County, NM
 Site: S36-T24N-R10W (Good Times)
 Well: Good Times P36-2410 02H
 Wellbore: HZ
 Design: FINAL

Local Co-ordinate Reference: Well Good Times P36-2410 02H
 TVD Reference: KB @ 6890.0ft (Aztec)
 MD Reference: KB @ 6890.0ft (Aztec)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 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
4,146.0	10.90	201.30	4,144.9	-18.8	-9.3	9.4	7.19	7.19	
4,177.0	13.10	200.10	4,175.2	-24.8	-11.6	11.8	7.14	7.10	
4,209.0	16.00	197.30	4,206.2	-32.4	-14.1	14.4	9.32	9.06	
4,240.0	19.50	197.20	4,235.7	-41.4	-16.9	17.2	11.29	11.29	
4,271.0	22.70	195.60	4,264.6	-52.2	-20.1	20.5	10.49	10.32	
4,303.0	25.10	193.20	4,293.8	-64.7	-23.3	23.8	8.09	7.50	
4,334.0	27.60	190.30	4,321.6	-78.2	-26.1	26.7	9.07	8.06	
4,366.0	30.30	189.50	4,349.6	-93.4	-28.7	29.4	8.52	8.44	
4,397.0	33.00	192.10	4,376.0	-109.4	-31.8	32.6	9.76	8.71	
4,429.0	35.30	194.30	4,402.5	-126.9	-35.9	36.9	8.16	7.19	
4,461.0	37.40	198.90	4,428.3	-145.1	-41.3	42.5	10.75	6.56	
4,492.0	38.50	204.20	4,452.7	-162.8	-48.3	49.6	11.09	3.55	
4,524.0	39.90	209.50	4,477.5	-180.8	-57.5	58.9	11.34	4.37	
4,555.0	41.10	212.90	4,501.1	-198.0	-67.9	69.4	8.11	3.87	
4,587.0	42.40	218.20	4,525.0	-215.3	-80.3	82.0	11.75	4.06	
4,618.0	44.60	222.20	4,547.5	-231.6	-94.1	95.9	11.37	7.10	
4,650.0	47.60	224.40	4,569.7	-248.4	-109.9	111.8	10.60	9.37	
4,681.0	49.80	227.40	4,590.1	-264.6	-126.6	128.7	10.16	7.10	
4,712.0	51.40	230.90	4,609.8	-280.2	-144.7	146.9	10.14	5.16	
4,744.0	53.40	234.30	4,629.3	-295.6	-164.9	167.2	10.48	6.25	
4,775.0	54.60	235.70	4,647.5	-310.0	-185.4	187.8	5.32	3.87	
4,807.0	57.30	238.10	4,665.5	-324.5	-207.6	210.2	10.48	8.44	
4,838.0	59.70	240.90	4,681.7	-337.9	-230.4	233.0	10.92	7.74	
4,870.0	62.20	243.70	4,697.2	-350.9	-255.2	257.9	10.93	7.81	
4,901.0	63.40	245.70	4,711.4	-362.6	-280.1	282.9	6.92	3.87	
4,933.0	64.40	247.30	4,725.5	-374.1	-306.4	309.4	5.47	3.12	
4,965.0	66.30	248.50	4,738.8	-385.0	-333.4	336.4	6.85	5.94	
4,996.0	68.60	249.30	4,750.7	-395.3	-360.1	363.2	7.79	7.42	
5,028.0	70.90	251.00	4,761.8	-405.5	-388.3	391.5	8.75	7.19	
5,059.0	72.60	253.30	4,771.5	-414.5	-416.4	419.6	8.93	5.48	
5,091.0	74.70	255.50	4,780.5	-422.8	-445.9	449.2	9.30	6.56	
5,122.0	77.10	257.70	4,788.0	-429.8	-475.2	478.5	10.36	7.74	
5,153.0	79.50	260.70	4,794.3	-435.4	-505.0	508.4	12.24	7.74	
5,183.0	82.20	263.60	4,799.1	-439.5	-534.3	537.8	13.12	9.00	
5,212.0	84.20	267.50	4,802.5	-441.7	-563.0	566.5	15.03	6.90	
5,243.0	84.30	268.10	4,805.6	-442.9	-593.8	597.3	1.95	0.32	
5,273.0	86.30	267.70	4,808.1	-444.0	-623.7	627.2	6.80	6.67	
5,303.0	88.80	266.10	4,809.4	-445.6	-653.6	657.1	9.89	8.33	
5,334.0	91.90	265.70	4,809.2	-447.8	-684.6	688.1	10.08	10.00	
5,395.0	91.70	270.30	4,807.3	-450.0	-745.5	749.0	7.54	-0.33	
5,456.0	88.80	269.80	4,807.0	-449.9	-806.5	810.0	4.82	-4.75	
5,517.0	87.20	269.80	4,809.1	-450.1	-867.4	870.9	2.62	-2.62	
5,578.0	88.70	268.30	4,811.3	-451.1	-928.4	931.9	3.48	2.46	
5,639.0	91.00	271.10	4,811.5	-451.5	-989.4	992.9	5.94	3.77	
5,700.0	89.90	271.20	4,811.0	-450.2	-1,050.4	1,053.9	1.81	-1.80	
5,761.0	90.80	271.30	4,810.6	-448.9	-1,111.3	1,114.8	1.48	1.48	
5,822.0	89.70	269.10	4,810.4	-448.7	-1,172.3	1,175.8	4.03	-1.80	
5,884.0	89.40	267.70	4,810.8	-450.4	-1,234.3	1,237.8	2.31	-0.48	
5,945.0	90.30	267.70	4,811.0	-452.9	-1,295.3	1,298.8	1.48	1.48	
6,006.0	90.30	269.00	4,810.7	-454.6	-1,356.2	1,359.8	2.13	0.00	
6,067.0	90.40	268.40	4,810.3	-456.0	-1,417.2	1,420.7	1.00	0.16	
6,128.0	90.40	266.80	4,809.9	-458.6	-1,478.2	1,481.7	2.62	0.00	
6,190.0	90.40	267.80	4,809.4	-461.5	-1,540.1	1,543.7	1.61	0.00	

Cathedral Energy Services

Survey Report

Company: EnCana Oil & Gas (USA) Inc
Project: San Juan County, NM
Site: S36-T24N-R10W (Good Times)
Well: Good Times P36-2410 02H
Wellbore: HZ
Design: FINAL

Local Co-ordinate Reference: Well Good Times P36-2410 02H
TVD Reference: KB @ 6890.0ft (Aztec)
MD Reference: KB @ 6890.0ft (Aztec)
North Reference: True
Survey Calculation Method: Minimum Curvature
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
6,251.0	90.40	267.30	4,809.0	-464.1	-1,601.0	1,604.6	0.82	0.00	
6,311.0	90.20	267.90	4,808.7	-466.6	-1,661.0	1,664.6	1.05	-0.33	
6,372.0	90.30	268.80	4,808.4	-468.4	-1,721.9	1,725.6	1.48	0.16	
6,433.0	90.30	268.20	4,808.1	-470.0	-1,782.9	1,786.6	0.98	0.00	
6,497.0	90.40	270.30	4,807.7	-470.8	-1,846.9	1,850.6	3.28	0.16	
6,559.0	90.30	269.50	4,807.4	-470.9	-1,908.9	1,912.6	1.30	-0.16	
6,622.0	90.00	268.90	4,807.2	-471.8	-1,971.9	1,975.5	1.06	-0.48	
6,685.0	91.10	269.80	4,806.6	-472.5	-2,034.9	2,038.5	2.26	1.75	
6,749.0	91.80	270.70	4,805.0	-472.2	-2,098.9	2,102.5	1.78	1.09	
6,812.0	89.90	269.10	4,804.0	-472.3	-2,161.9	2,165.5	3.94	-3.02	
6,875.0	90.20	269.60	4,804.0	-473.0	-2,224.9	2,228.5	0.93	0.48	
6,938.0	90.40	267.20	4,803.6	-474.8	-2,287.8	2,291.5	3.82	0.32	
7,001.0	90.10	264.30	4,803.4	-479.5	-2,350.6	2,354.3	4.63	-0.48	
7,064.0	89.60	264.80	4,803.5	-485.4	-2,413.4	2,417.1	1.12	-0.79	
7,127.0	91.40	268.30	4,803.0	-489.2	-2,476.2	2,480.0	6.25	2.86	
7,190.0	91.40	271.50	4,801.4	-489.3	-2,539.2	2,543.0	5.08	0.00	
7,253.0	89.60	270.50	4,800.9	-488.2	-2,602.2	2,605.9	3.27	-2.86	
7,316.0	89.70	271.30	4,801.3	-487.3	-2,665.2	2,668.9	1.28	0.16	
7,379.0	91.50	272.80	4,800.6	-485.0	-2,728.1	2,731.9	3.72	2.86	
7,442.0	89.70	271.30	4,800.0	-482.8	-2,791.1	2,794.8	3.72	-2.86	
7,505.0	89.50	270.90	4,800.4	-481.5	-2,854.1	2,857.8	0.71	-0.32	
7,568.0	91.50	272.00	4,799.9	-479.9	-2,917.1	2,920.7	3.62	3.17	
7,631.0	90.70	271.30	4,798.6	-478.1	-2,980.0	2,983.7	1.69	-1.27	
7,693.0	90.10	271.40	4,798.2	-476.7	-3,042.0	3,045.7	0.98	-0.97	
7,757.0	91.80	270.60	4,797.1	-475.6	-3,106.0	3,109.6	2.94	2.66	
7,819.0	92.60	271.00	4,794.8	-474.7	-3,167.9	3,171.6	1.44	1.29	
7,882.0	91.50	270.70	4,792.5	-473.8	-3,230.9	3,234.5	1.81	-1.75	
7,945.0	88.90	267.20	4,792.3	-474.9	-3,293.9	3,297.5	6.92	-4.13	
8,008.0	89.80	267.90	4,793.0	-477.6	-3,356.8	3,360.4	1.81	1.43	
8,071.0	90.40	270.50	4,792.9	-478.5	-3,419.8	3,423.4	4.24	0.95	
8,134.0	89.80	270.10	4,792.8	-478.2	-3,482.8	3,486.4	1.14	-0.95	
8,197.0	90.30	270.00	4,792.7	-478.1	-3,545.8	3,549.4	0.81	0.79	
8,259.0	90.00	269.10	4,792.6	-478.6	-3,607.8	3,611.4	1.53	-0.48	
8,323.0	89.70	269.40	4,792.7	-479.4	-3,671.8	3,675.4	0.66	-0.47	
8,386.0	91.10	269.80	4,792.3	-479.9	-3,734.8	3,738.4	2.31	2.22	
8,449.0	90.50	270.20	4,791.4	-479.9	-3,797.8	3,801.4	1.14	-0.95	
8,512.0	90.50	271.60	4,790.9	-478.9	-3,860.7	3,864.4	2.22	0.00	
8,575.0	89.80	269.40	4,790.7	-478.3	-3,923.7	3,927.4	3.66	-1.11	
8,637.0	90.40	268.40	4,790.6	-479.5	-3,985.7	3,989.4	1.88	0.97	
8,701.0	89.30	266.60	4,790.8	-482.3	-4,049.7	4,053.3	3.30	-1.72	
8,764.0	90.90	266.60	4,790.7	-486.0	-4,112.6	4,116.2	2.54	2.54	
8,827.0	90.90	267.60	4,789.7	-489.2	-4,175.5	4,179.2	1.59	0.00	
8,890.0	89.60	266.40	4,789.4	-492.5	-4,238.4	4,242.1	2.81	-2.06	
8,953.0	90.00	267.10	4,789.6	-496.1	-4,301.3	4,305.0	1.28	0.63	
9,016.0	90.10	269.70	4,789.6	-497.9	-4,364.2	4,368.0	4.13	0.16	
9,079.0	89.90	270.60	4,789.6	-497.7	-4,427.2	4,431.0	1.46	-0.32	
9,142.0	90.30	270.70	4,789.4	-497.0	-4,490.2	4,494.0	0.65	0.63	
9,205.0	90.40	271.30	4,789.1	-495.9	-4,553.2	4,557.0	0.97	0.16	
9,260.0	90.00	271.50	4,788.9	-494.5	-4,608.2	4,611.9	0.81	-0.73	Last Cathedral Survey @ 9,260' MD
9,310.0	90.00	271.50	4,788.9	-493.2	-4,658.2	4,661.9	0.00	0.00	PTB @ 9,310'

Cathedral Energy Services

Survey Report

Company: EnCana Oil & Gas (USA) Inc
Project: San Juan County, NM
Site: S36-T24N-R10W (Good Times)
Well: Good Times P36-2410 02H
Wellbore: HZ
Design: FINAL

Local Co-ordinate Reference: Well Good Times P36-2410 02H
TVD Reference: KB @ 6890.0ft (Aztec)
MD Reference: KB @ 6890.0ft (Aztec)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: USA EDM 5000 Multi Users DB

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
Yates Squash Blossom	0.00	0.00	4,443.2	-588.1	-1,755.6	1,915,848.23	2,719,367.39	36.265234	-107.845985
- actual wellpath misses target center by 383.9ft at 6410.7ft MD (4808.2 TVD, -469.3 N, -1760.6 E)									
- Circle (radius 50.0)									
P36-2410 02H BHL P4	0.00	359.99	4,796.8	-487.4	-4,660.7	1,915,949.12	2,716,462.30	36.265510	-107.855840
- actual wellpath misses target center by 10.2ft at 9310.0ft MD (4788.9 TVD, -493.2 N, -4658.2 E)									
- Point									
P36-2410 02H BHL	0.00	359.99	4,605.8	429.9	-4,660.5	1,916,866.46	2,716,462.51	36.268030	-107.855840
- actual wellpath misses target center by 941.1ft at 9310.0ft MD (4788.9 TVD, -493.2 N, -4658.2 E)									
- Point									
P36-2410 02H BHL P6	0.00	359.99	4,799.8	-487.4	-4,660.7	1,915,949.12	2,716,462.30	36.265510	-107.855840
- actual wellpath misses target center by 12.6ft at 9310.0ft MD (4788.9 TVD, -493.2 N, -4658.2 E)									
- Point									
P36-2410 02H BHL P3	0.00	359.99	4,972.9	-487.4	-4,660.7	1,915,949.12	2,716,462.30	36.265510	-107.855840
- actual wellpath misses target center by 184.1ft at 9310.0ft MD (4788.9 TVD, -493.2 N, -4658.2 E)									
- Point									

Design Annotations

Measured	Vertical	Local Coordinates		Comment
Depth	Depth	+N/-S	+E/-W	
(ft)	(ft)	(ft)	(ft)	
9,260.0	4,788.9	-494.5	-4,608.2	Last Cathedral Survey @ 9,260' MD
9,310.0	4,788.9	-493.2	-4,658.2	PTB @ 9,310'

Checked By: _____ Approved By: _____ Date: _____

EnCana Oil & Gas (USA) Inc

San Juan County, NM

S36-T24N-R10W (Good Times)

Good Times P36-2410 02H

HZ

Design: FINAL

Survey Report - Geographic

02 June, 2014

Cathedral Energy Services

Survey Report - Geographic

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Good Times P36-2410 02H
Project:	San Juan County, NM	TVD Reference:	KB @ 6890.0ft (Aztec)
Site:	S36-T24N-R10W (Good Times)	MD Reference:	KB @ 6890.0ft (Aztec)
Well:	Good Times P36-2410 02H	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	S36-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 P36-2410 02H					
Well Position	+N/-S	0.0 ft	Northing:	1,916,436.21 ft	Latitude:	36.266850
	+E/-W	0.0 ft	Easting:	2,721,123.01 ft	Longitude:	-107.840030
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,874.0 ft	

Wellbore	HZ				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/19/2014	9.51	62.97	50,161

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	269.55	

Survey Program	Date	6/2/2014			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
168.0	9,310.0	Survey #1 (HZ)	Geolink MWD	Geolink MWD	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	1,916,436.21	2,721,123.01	36.266850	-107.840030
168.0	0.40	105.50	168.0	-0.2	0.6	1,916,436.05	2,721,123.58	36.266850	-107.840028
255.0	0.40	93.30	255.0	-0.3	1.2	1,916,435.96	2,721,124.18	36.266849	-107.840026
317.0	0.30	132.90	317.0	-0.4	1.5	1,916,435.83	2,721,124.51	36.266849	-107.840025
381.0	0.40	123.70	381.0	-0.6	1.8	1,916,435.59	2,721,124.82	36.266848	-107.840024
475.0	0.50	131.20	475.0	-1.1	2.4	1,916,435.14	2,721,125.40	36.266847	-107.840022
523.0	0.50	162.50	523.0	-1.4	2.6	1,916,434.80	2,721,125.62	36.266846	-107.840021
587.0	0.50	189.00	587.0	-1.9	2.6	1,916,434.26	2,721,125.66	36.266845	-107.840021
649.0	0.80	199.20	649.0	-2.6	2.5	1,916,433.59	2,721,125.48	36.266843	-107.840022
712.0	0.80	194.30	712.0	-3.5	2.2	1,916,432.74	2,721,125.22	36.266841	-107.840023
775.0	0.80	32.90	775.0	-3.5	2.3	1,916,432.69	2,721,125.35	36.266840	-107.840022
838.0	0.90	26.60	838.0	-2.7	2.8	1,916,433.50	2,721,125.81	36.266843	-107.840021

Cathedral Energy Services

Survey Report - Geographic

Company: EnCana Oil & Gas (USA) Inc
Project: San Juan County, NM
Site: S36-T24N-R10W (Good Times)
Well: Good Times P36-2410 02H
Wellbore: HZ
Design: FINAL

Local Co-ordinate Reference: Well Good Times P36-2410 02H
TVD Reference: KB @ 6890.0ft (Aztec)
MD Reference: KB @ 6890.0ft (Aztec)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: USA EDM 5000 Multi Users DB

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude	
901.0	0.90	32.30	901.0	-1.9	3.3	1,916,434.36	2,721,126.30	36.266845	-107.840019	
964.0	0.90	38.50	964.0	-1.0	3.9	1,916,435.17	2,721,126.87	36.266847	-107.840017	
1,027.0	0.90	18.20	1,026.9	-0.2	4.3	1,916,436.02	2,721,127.34	36.266850	-107.840016	
1,091.0	1.20	31.00	1,090.9	0.9	4.8	1,916,437.07	2,721,127.84	36.266852	-107.840014	
1,153.0	0.40	170.60	1,152.9	1.2	5.2	1,916,437.42	2,721,128.21	36.266853	-107.840013	
1,216.0	0.60	189.40	1,215.9	0.7	5.2	1,916,436.88	2,721,128.19	36.266852	-107.840013	
1,279.0	0.80	205.80	1,278.9	-0.1	4.9	1,916,436.15	2,721,127.94	36.266850	-107.840014	
1,342.0	0.90	190.70	1,341.9	-0.9	4.6	1,916,435.27	2,721,127.66	36.266848	-107.840015	
1,406.0	0.80	203.00	1,405.9	-1.8	4.4	1,916,434.37	2,721,127.39	36.266845	-107.840015	
1,468.0	0.90	208.20	1,467.9	-2.7	4.0	1,916,433.54	2,721,126.99	36.266843	-107.840017	
1,531.0	0.60	207.40	1,530.9	-3.4	3.6	1,916,432.81	2,721,126.61	36.266841	-107.840018	
1,594.0	1.20	223.40	1,593.9	-4.2	3.0	1,916,432.04	2,721,126.00	36.266839	-107.840020	
1,658.0	1.20	213.50	1,657.9	-5.2	2.2	1,916,430.99	2,721,125.17	36.266836	-107.840023	
1,721.0	1.00	289.40	1,720.9	-5.6	1.3	1,916,430.62	2,721,124.29	36.266835	-107.840026	
1,784.0	0.90	304.20	1,783.9	-5.1	0.3	1,916,431.09	2,721,123.36	36.266836	-107.840029	
1,847.0	1.20	314.70	1,846.8	-4.4	-0.5	1,916,431.83	2,721,122.48	36.266838	-107.840032	
1,910.0	1.20	301.80	1,909.8	-3.6	-1.6	1,916,432.64	2,721,121.45	36.266840	-107.840036	
1,973.0	1.00	301.70	1,972.8	-2.9	-2.6	1,916,433.28	2,721,120.43	36.266842	-107.840039	
2,036.0	1.30	296.40	2,035.8	-2.3	-3.7	1,916,433.88	2,721,119.32	36.266844	-107.840043	
2,099.0	1.10	310.50	2,098.8	-1.6	-4.8	1,916,434.59	2,721,118.22	36.266846	-107.840047	
2,162.0	1.00	83.30	2,161.8	-1.2	-4.7	1,916,435.05	2,721,118.30	36.266847	-107.840046	
2,225.0	1.40	94.60	2,224.8	-1.2	-3.4	1,916,435.05	2,721,119.62	36.266847	-107.840042	
2,288.0	1.30	97.50	2,287.8	-1.3	-1.9	1,916,434.90	2,721,121.09	36.266846	-107.840037	
2,351.0	1.10	106.50	2,350.7	-1.6	-0.6	1,916,434.63	2,721,122.38	36.266846	-107.840032	
2,414.0	0.30	235.80	2,413.7	-1.8	-0.2	1,916,434.37	2,721,122.82	36.266845	-107.840031	
2,477.0	0.50	295.00	2,476.7	-1.8	-0.6	1,916,434.39	2,721,122.44	36.266845	-107.840032	
2,540.0	0.60	270.70	2,539.7	-1.7	-1.2	1,916,434.51	2,721,121.86	36.266845	-107.840034	
2,604.0	0.40	270.40	2,603.7	-1.7	-1.7	1,916,434.52	2,721,121.30	36.266845	-107.840036	
2,667.0	0.40	290.70	2,666.7	-1.6	-2.1	1,916,434.60	2,721,120.88	36.266846	-107.840038	
2,730.0	0.40	254.90	2,729.7	-1.6	-2.6	1,916,434.62	2,721,120.46	36.266846	-107.840039	
2,793.0	0.30	209.80	2,792.7	-1.8	-2.9	1,916,434.42	2,721,120.16	36.266845	-107.840040	
2,856.0	0.60	230.00	2,855.7	-2.1	-3.2	1,916,434.06	2,721,119.83	36.266844	-107.840041	
2,919.0	0.80	215.90	2,918.7	-2.7	-3.7	1,916,433.49	2,721,119.32	36.266843	-107.840043	
2,951.0	0.80	200.90	2,950.7	-3.1	-3.9	1,916,433.10	2,721,119.11	36.266842	-107.840044	
3,014.0	0.40	175.50	3,013.7	-3.7	-4.0	1,916,432.47	2,721,118.97	36.266840	-107.840044	
3,076.0	0.40	231.50	3,075.7	-4.1	-4.2	1,916,432.12	2,721,118.82	36.266839	-107.840045	
3,138.0	0.30	201.80	3,137.7	-4.4	-4.4	1,916,431.84	2,721,118.59	36.266838	-107.840045	
3,201.0	0.40	272.20	3,200.7	-4.5	-4.7	1,916,431.69	2,721,118.31	36.266838	-107.840046	
3,265.0	0.30	288.70	3,264.7	-4.5	-5.1	1,916,431.76	2,721,117.92	36.266838	-107.840048	
3,328.0	0.10	307.70	3,327.7	-4.4	-5.3	1,916,431.84	2,721,117.72	36.266838	-107.840048	
3,391.0	0.20	295.70	3,390.7	-4.3	-5.4	1,916,431.92	2,721,117.58	36.266838	-107.840049	
3,454.0	0.30	251.20	3,453.7	-4.3	-5.7	1,916,431.92	2,721,117.33	36.266838	-107.840050	
3,517.0	0.30	327.80	3,516.7	-4.2	-5.9	1,916,432.00	2,721,117.08	36.266839	-107.840050	
3,580.0	0.70	246.70	3,579.7	-4.2	-6.4	1,916,431.99	2,721,116.64	36.266838	-107.840052	
3,643.0	0.40	252.30	3,642.7	-4.4	-6.9	1,916,431.77	2,721,116.08	36.266838	-107.840054	
3,706.0	0.20	40.20	3,705.7	-4.4	-7.1	1,916,431.79	2,721,115.94	36.266838	-107.840054	
3,769.0	0.70	115.40	3,768.7	-4.5	-6.7	1,916,431.71	2,721,116.36	36.266838	-107.840053	
3,830.0	0.40	126.40	3,829.7	-4.8	-6.1	1,916,431.42	2,721,116.87	36.266837	-107.840051	
3,893.0	0.60	166.90	3,892.7	-5.2	-5.9	1,916,430.97	2,721,117.12	36.266836	-107.840050	
3,957.0	0.50	148.70	3,956.7	-5.8	-5.7	1,916,430.41	2,721,117.34	36.266834	-107.840050	
4,020.0	1.00	164.50	4,019.7	-6.6	-5.4	1,916,429.64	2,721,117.63	36.266832	-107.840049	
4,051.0	3.20	188.40	4,050.7	-7.7	-5.4	1,916,428.52	2,721,117.57	36.266829	-107.840049	
4,083.0	5.70	196.80	4,082.6	-10.1	-6.0	1,916,426.12	2,721,116.98	36.266822	-107.840051	
4,114.0	8.60	201.30	4,113.3	-13.7	-7.3	1,916,422.48	2,721,115.70	36.266812	-107.840055	
4,146.0	10.90	201.30	4,144.9	-18.8	-9.3	1,916,417.44	2,721,113.73	36.266799	-107.840062	

Cathedral Energy Services

Survey Report - Geographic

Company: EnCana Oil & Gas (USA) Inc
Project: San Juan County, NM
Site: S36-T24N-R10W (Good Times)
Well: Good Times P36-2410 02H
Wellbore: HZ
Design: FINAL

Local Co-ordinate Reference: Well Good Times P36-2410 02H
TVD Reference: KB @ 6890.0ft (Aztec)
MD Reference: KB @ 6890.0ft (Aztec)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: USA EDM 5000 Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
4,177.0	13.10	200.10	4,175.2	-24.8	-11.6	1,916,411.41	2,721,111.45	36.266782	-107.840069
4,209.0	16.00	197.30	4,206.2	-32.4	-14.1	1,916,403.79	2,721,108.90	36.266761	-107.840078
4,240.0	19.50	197.20	4,235.7	-41.4	-16.9	1,916,394.76	2,721,106.09	36.266736	-107.840088
4,271.0	22.70	195.60	4,264.6	-52.2	-20.1	1,916,384.06	2,721,102.95	36.266707	-107.840098
4,303.0	25.10	193.20	4,293.8	-64.7	-23.3	1,916,371.50	2,721,099.74	36.266672	-107.840109
4,334.0	27.60	190.30	4,321.6	-78.2	-26.1	1,916,358.03	2,721,096.96	36.266635	-107.840119
4,366.0	30.30	189.50	4,349.6	-93.4	-28.7	1,916,342.77	2,721,094.30	36.266593	-107.840128
4,397.0	33.00	192.10	4,376.0	-109.4	-31.8	1,916,326.80	2,721,091.23	36.266550	-107.840138
4,429.0	35.30	194.30	4,402.5	-126.9	-35.9	1,916,309.32	2,721,087.12	36.266502	-107.840152
4,461.0	37.40	198.90	4,428.3	-145.1	-41.3	1,916,291.16	2,721,081.69	36.266452	-107.840170
4,492.0	38.50	204.20	4,452.7	-162.8	-48.3	1,916,273.45	2,721,074.68	36.266403	-107.840194
4,524.0	39.90	209.50	4,477.5	-180.8	-57.5	1,916,255.43	2,721,065.54	36.266353	-107.840225
4,555.0	41.10	212.90	4,501.1	-198.0	-67.9	1,916,238.22	2,721,055.10	36.266306	-107.840261
4,587.0	42.40	218.20	4,525.0	-215.3	-80.3	1,916,220.90	2,721,042.71	36.266259	-107.840303
4,618.0	44.60	222.20	4,547.5	-231.6	-94.1	1,916,204.62	2,721,028.93	36.266214	-107.840349
4,650.0	47.60	224.40	4,569.7	-248.4	-109.9	1,916,187.85	2,721,013.12	36.266168	-107.840403
4,681.0	49.80	227.40	4,590.1	-264.6	-126.6	1,916,171.66	2,720,996.39	36.266123	-107.840460
4,712.0	51.40	230.90	4,609.8	-280.2	-144.7	1,916,156.00	2,720,978.27	36.266080	-107.840521
4,744.0	53.40	234.30	4,629.3	-295.6	-164.9	1,916,140.62	2,720,958.12	36.266038	-107.840590
4,775.0	54.60	235.70	4,647.5	-310.0	-185.4	1,916,126.24	2,720,937.58	36.265999	-107.840659
4,807.0	57.30	238.10	4,665.5	-324.5	-207.6	1,916,111.77	2,720,915.37	36.265959	-107.840735
4,838.0	59.70	240.90	4,681.7	-337.9	-230.4	1,916,098.37	2,720,892.59	36.265922	-107.840812
4,870.0	62.20	243.70	4,697.2	-350.9	-255.2	1,916,085.37	2,720,867.83	36.265886	-107.840896
4,901.0	63.40	245.70	4,711.4	-362.6	-280.1	1,916,073.60	2,720,842.90	36.265854	-107.840980
4,933.0	64.40	247.30	4,725.5	-374.1	-306.4	1,916,062.14	2,720,816.55	36.265822	-107.841070
4,965.0	66.30	248.50	4,738.8	-385.0	-333.4	1,916,051.20	2,720,789.60	36.265792	-107.841161
4,996.0	68.60	249.30	4,750.7	-395.3	-360.1	1,916,040.90	2,720,762.89	36.265764	-107.841252
5,028.0	70.90	251.00	4,761.8	-405.5	-388.3	1,916,030.71	2,720,734.65	36.265736	-107.841348
5,059.0	72.60	253.30	4,771.5	-414.5	-416.4	1,916,021.70	2,720,706.63	36.265711	-107.841443
5,091.0	74.70	255.50	4,780.5	-422.8	-445.9	1,916,013.44	2,720,677.06	36.265689	-107.841543
5,122.0	77.10	257.70	4,788.0	-429.8	-475.2	1,916,006.48	2,720,647.81	36.265669	-107.841642
5,153.0	79.50	260.70	4,794.3	-435.4	-505.0	1,916,000.80	2,720,618.00	36.265654	-107.841743
5,183.0	82.20	263.60	4,799.1	-439.5	-534.3	1,915,996.76	2,720,588.66	36.265643	-107.841843
5,212.0	84.20	267.50	4,802.5	-441.7	-563.0	1,915,994.53	2,720,559.96	36.265637	-107.841940
5,243.0	84.30	268.10	4,805.6	-442.9	-593.8	1,915,993.35	2,720,529.14	36.265633	-107.842045
5,273.0	86.30	267.70	4,808.1	-444.0	-623.7	1,915,992.26	2,720,499.26	36.265630	-107.842146
5,303.0	88.80	266.10	4,809.4	-445.6	-653.6	1,915,990.64	2,720,469.34	36.265626	-107.842248
5,334.0	91.90	265.70	4,809.2	-447.8	-684.6	1,915,988.42	2,720,438.42	36.265620	-107.842352
5,395.0	91.70	270.30	4,807.3	-450.0	-745.5	1,915,986.30	2,720,377.50	36.265614	-107.842559
5,456.0	88.80	269.80	4,807.0	-449.9	-806.5	1,915,986.36	2,720,316.51	36.265614	-107.842766
5,517.0	87.20	269.80	4,809.1	-450.1	-867.4	1,915,986.15	2,720,255.55	36.265614	-107.842973
5,578.0	88.70	268.30	4,811.3	-451.1	-928.4	1,915,985.14	2,720,194.60	36.265611	-107.843180
5,639.0	91.00	271.10	4,811.5	-451.5	-989.4	1,915,984.83	2,720,133.61	36.265610	-107.843386
5,700.0	89.90	271.20	4,811.0	-450.2	-1,050.4	1,915,986.06	2,720,072.63	36.265613	-107.843593
5,761.0	90.80	271.30	4,810.6	-448.9	-1,111.3	1,915,987.39	2,720,011.65	36.265617	-107.843800
5,822.0	89.70	269.10	4,810.4	-448.7	-1,172.3	1,915,987.61	2,719,950.65	36.265617	-107.844007
5,884.0	89.40	267.70	4,810.8	-450.4	-1,234.3	1,915,985.88	2,719,888.68	36.265613	-107.844217
5,945.0	90.30	267.70	4,811.0	-452.9	-1,295.3	1,915,983.44	2,719,827.73	36.265606	-107.844424
6,006.0	90.30	269.00	4,810.7	-454.6	-1,356.2	1,915,981.68	2,719,766.76	36.265601	-107.844631
6,067.0	90.40	268.40	4,810.3	-456.0	-1,417.2	1,915,980.31	2,719,705.77	36.265597	-107.844838
6,128.0	90.40	266.80	4,809.9	-458.6	-1,478.2	1,915,977.76	2,719,644.83	36.265590	-107.845044
6,190.0	90.40	267.80	4,809.4	-461.5	-1,540.1	1,915,974.84	2,719,582.90	36.265582	-107.845255
6,251.0	90.40	267.30	4,809.0	-464.1	-1,601.0	1,915,972.24	2,719,521.96	36.265575	-107.845461
6,311.0	90.20	267.90	4,808.7	-466.6	-1,661.0	1,915,969.73	2,719,462.01	36.265568	-107.845665
6,372.0	90.30	268.80	4,808.4	-468.4	-1,721.9	1,915,967.97	2,719,401.04	36.265563	-107.845871

Cathedral Energy Services

Survey Report - Geographic

Company: EnCana Oil & Gas (USA) Inc
Project: San Juan County, NM
Site: S36-T24N-R10W (Good Times)
Well: Good Times P36-2410 02H
Wellbore: HZ
Design: FINAL

Local Co-ordinate Reference: Well Good Times P36-2410 02H
TVD Reference: KB @ 6890.0ft (Aztec)
MD Reference: KB @ 6890.0ft (Aztec)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: USA EDM 5000 Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
6,433.0	90.30	268.20	4,808.1	-470.0	-1,782.9	1,915,966.38	2,719,340.06	36.265559	-107.846078
6,497.0	90.40	270.30	4,807.7	-470.8	-1,846.9	1,915,965.55	2,719,276.07	36.265557	-107.846295
6,559.0	90.30	269.50	4,807.4	-470.9	-1,908.9	1,915,965.45	2,719,214.07	36.265556	-107.846506
6,622.0	90.00	268.90	4,807.2	-471.8	-1,971.9	1,915,964.57	2,719,151.08	36.265554	-107.846719
6,685.0	91.10	269.80	4,806.6	-472.5	-2,034.9	1,915,963.86	2,719,088.09	36.265552	-107.846933
6,749.0	91.80	270.70	4,805.0	-472.2	-2,098.9	1,915,964.14	2,719,024.11	36.265553	-107.847150
6,812.0	89.90	269.10	4,804.0	-472.3	-2,161.9	1,915,964.04	2,718,961.12	36.265552	-107.847364
6,875.0	90.20	269.60	4,804.0	-473.0	-2,224.9	1,915,963.33	2,718,898.12	36.265550	-107.847577
6,938.0	90.40	267.20	4,803.6	-474.8	-2,287.8	1,915,961.57	2,718,835.15	36.265546	-107.847791
7,001.0	90.10	264.30	4,803.4	-479.5	-2,350.6	1,915,956.91	2,718,772.34	36.265533	-107.848004
7,064.0	89.60	264.80	4,803.5	-485.4	-2,413.4	1,915,950.93	2,718,709.62	36.265516	-107.848217
7,127.0	91.40	268.30	4,803.0	-489.2	-2,476.2	1,915,947.14	2,718,646.75	36.265506	-107.848430
7,190.0	91.40	271.50	4,801.4	-489.3	-2,539.2	1,915,947.04	2,718,583.78	36.265506	-107.848644
7,253.0	89.60	270.50	4,800.9	-488.2	-2,602.2	1,915,948.14	2,718,520.79	36.265509	-107.848857
7,316.0	89.70	271.30	4,801.3	-487.3	-2,665.2	1,915,949.14	2,718,457.79	36.265511	-107.849071
7,379.0	91.50	272.80	4,800.6	-485.0	-2,728.1	1,915,951.39	2,718,394.83	36.265517	-107.849285
7,442.0	89.70	271.30	4,800.0	-482.8	-2,791.1	1,915,953.65	2,718,331.88	36.265524	-107.849498
7,505.0	89.50	270.90	4,800.4	-481.5	-2,854.1	1,915,954.86	2,718,268.90	36.265527	-107.849712
7,568.0	91.50	272.00	4,799.9	-479.9	-2,917.1	1,915,956.46	2,718,205.92	36.265531	-107.849926
7,631.0	90.70	271.30	4,798.6	-478.1	-2,980.0	1,915,958.28	2,718,142.96	36.265536	-107.850139
7,693.0	90.10	271.40	4,798.2	-476.7	-3,042.0	1,915,959.75	2,718,080.98	36.265540	-107.850349
7,757.0	91.80	270.60	4,797.1	-475.6	-3,106.0	1,915,960.87	2,718,017.00	36.265543	-107.850566
7,819.0	92.60	271.00	4,794.8	-474.7	-3,167.9	1,915,961.74	2,717,955.05	36.265546	-107.850777
7,882.0	91.50	270.70	4,792.5	-473.8	-3,230.9	1,915,962.67	2,717,892.10	36.265548	-107.850990
7,945.0	88.90	267.20	4,792.3	-474.9	-3,293.9	1,915,961.52	2,717,829.13	36.265545	-107.851204
8,008.0	89.80	267.90	4,793.0	-477.6	-3,356.8	1,915,958.84	2,717,766.19	36.265538	-107.851417
8,071.0	90.40	270.50	4,792.9	-478.5	-3,419.8	1,915,957.96	2,717,703.20	36.265535	-107.851631
8,134.0	89.80	270.10	4,792.8	-478.2	-3,482.8	1,915,958.29	2,717,640.20	36.265536	-107.851845
8,197.0	90.30	270.00	4,792.7	-478.1	-3,545.8	1,915,958.35	2,717,577.20	36.265536	-107.852058
8,259.0	90.00	269.10	4,792.6	-478.6	-3,607.8	1,915,957.87	2,717,515.21	36.265535	-107.852269
8,323.0	89.70	269.40	4,792.7	-479.4	-3,671.8	1,915,957.04	2,717,451.21	36.265532	-107.852486
8,386.0	91.10	269.80	4,792.3	-479.9	-3,734.8	1,915,956.60	2,717,388.22	36.265531	-107.852699
8,449.0	90.50	270.20	4,791.4	-479.9	-3,797.8	1,915,956.61	2,717,325.22	36.265531	-107.852913
8,512.0	90.50	271.60	4,790.9	-478.9	-3,860.7	1,915,957.60	2,717,262.23	36.265534	-107.853127
8,575.0	89.80	269.40	4,790.7	-478.3	-3,923.7	1,915,958.16	2,717,199.24	36.265535	-107.853340
8,637.0	90.40	268.40	4,790.6	-479.5	-3,985.7	1,915,956.97	2,717,137.25	36.265532	-107.853551
8,701.0	89.30	266.60	4,790.8	-482.3	-4,049.7	1,915,954.18	2,717,073.32	36.265524	-107.853768
8,764.0	90.90	266.60	4,790.7	-486.0	-4,112.6	1,915,950.45	2,717,010.43	36.265514	-107.853981
8,827.0	90.90	267.60	4,789.7	-489.2	-4,175.5	1,915,947.27	2,716,947.52	36.265505	-107.854194
8,890.0	89.60	266.40	4,789.4	-492.5	-4,238.4	1,915,943.97	2,716,884.61	36.265496	-107.854408
8,953.0	90.00	267.10	4,789.6	-496.1	-4,301.3	1,915,940.41	2,716,821.71	36.265486	-107.854621
9,016.0	90.10	269.70	4,789.6	-497.9	-4,364.2	1,915,938.65	2,716,758.74	36.265482	-107.854835
9,079.0	89.90	270.60	4,789.6	-497.7	-4,427.2	1,915,938.82	2,716,695.74	36.265482	-107.855048
9,142.0	90.30	270.70	4,789.4	-497.0	-4,490.2	1,915,939.54	2,716,632.75	36.265484	-107.855262
9,205.0	90.40	271.30	4,789.1	-495.9	-4,553.2	1,915,940.65	2,716,569.76	36.265487	-107.855476
9,260.0	90.00	271.50	4,788.9	-494.5	-4,608.2	1,915,941.99	2,716,514.79	36.265491	-107.855662
Last Cathedral Survey @ 9,260' MD									
9,310.0	90.00	271.50	4,788.9	-493.2	-4,658.2	1,915,943.30	2,716,464.81	36.265494	-107.855832
PTB @ 9,310'									

Cathedral Energy Services

Survey Report - Geographic

Company: EnCana Oil & Gas (USA) Inc
Project: San Juan County, NM
Site: S36-T24N-R10W (Good Times)
Well: Good Times P36-2410 02H
Wellbore: HZ
Design: FINAL

Local Co-ordinate Reference: Well Good Times P36-2410 02H
TVD Reference: KB @ 6890.0ft (Aztec)
MD Reference: KB @ 6890.0ft (Aztec)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: USA EDM 5000 Multi Users DB

Design Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
P36-2410 02H BHL P6	0.00	359.99	4,799.8	-487.4	-4,660.7	1,915,949.12	2,716,462.30	36.265510	-107.855840
- actual wellpath misses target center by 12.6ft at 9310.0ft MD (4788.9 TVD, -493.2 N, -4658.2 E) - Point									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
9,260.0	4,788.9	-494.5	-4,608.2	Last Cathedral Survey @ 9,260' MD
9,310.0	4,788.9	-493.2	-4,658.2	PTB @ 9,310'

Checked By: _____ Approved By: _____ Date: _____