

Form C-102
Revised August 1, 2011
Submit one copy to
appropriate
District Office

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

District II
811 S. First St., 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 Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

☐ AMENDED REPORT

☒ AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30045-35313		*Pool Code 5890	*Pool Name BISIT LOWER-GALLUP	
*Property Code 38846	*Property Name ESCRITO P16-2409			*Well Number 01H
*GRID No. 282327	*Operator Name ENCANA OIL & GAS (USA) INC.			*Elevation 6823'

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	16	24-N	9-W		700'	SOUTH	333'	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	16	24-N	9-W		699'	SOUTH	330'	WEST	SAN JUAN

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160 ACRES - (S/2,S/2)			

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

[illegible]

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 _____ Date _____
Brenda R. Linster, Regulatory Advisor
Printed Name
brenda.linster@encana.com
E-mail Address

18 SURVEYOR CERTIFICATION

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

25 APRIL 2012

Date of Survey: _____
Signature and Seal of Professional Surveyor: _____

WILLIAM E. MAHNKE
Certificate Number **8466**

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DEVIATION SURVEYS

MD (Feet)	Inclination (Degree)
241	0.5
505	0.75
750	0.75
1010	1.75
1280	1.75
1767	1
2274	1.75
2750	1.5
3250	1.5
3781	1.5
4290	1.5
5510	0.75

RCVD MAY 9 '12
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.


Brenda R. Linster, Regulatory Advisor

05/03/2012

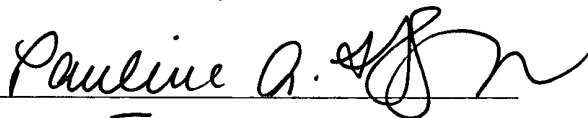
ACKNOWLEDGMENT

State of Colorado
City and County of Denver

This instrument was acknowledged before me on this 3rd day of May, 2012 by Brenda R. Linster as Attorney in Fact of Encana Oil & Gas (USA) Inc., on behalf of said corporation.

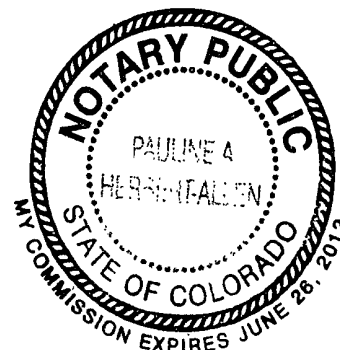
In witness whereof, I hereunto set my hand and official seal.

Notary Public:



My Commission Expires:

June 26, 2012

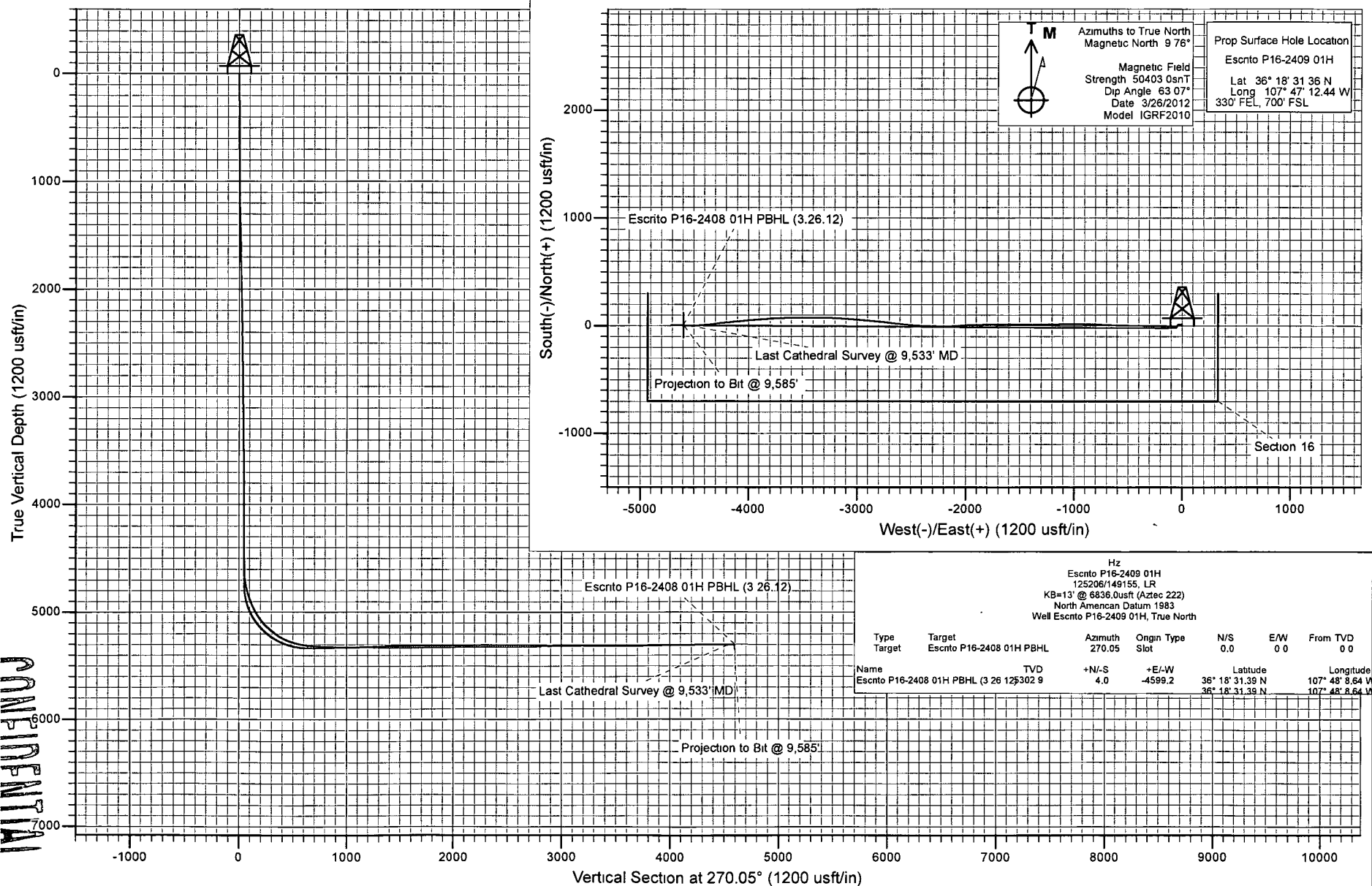


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encana™

natural gas

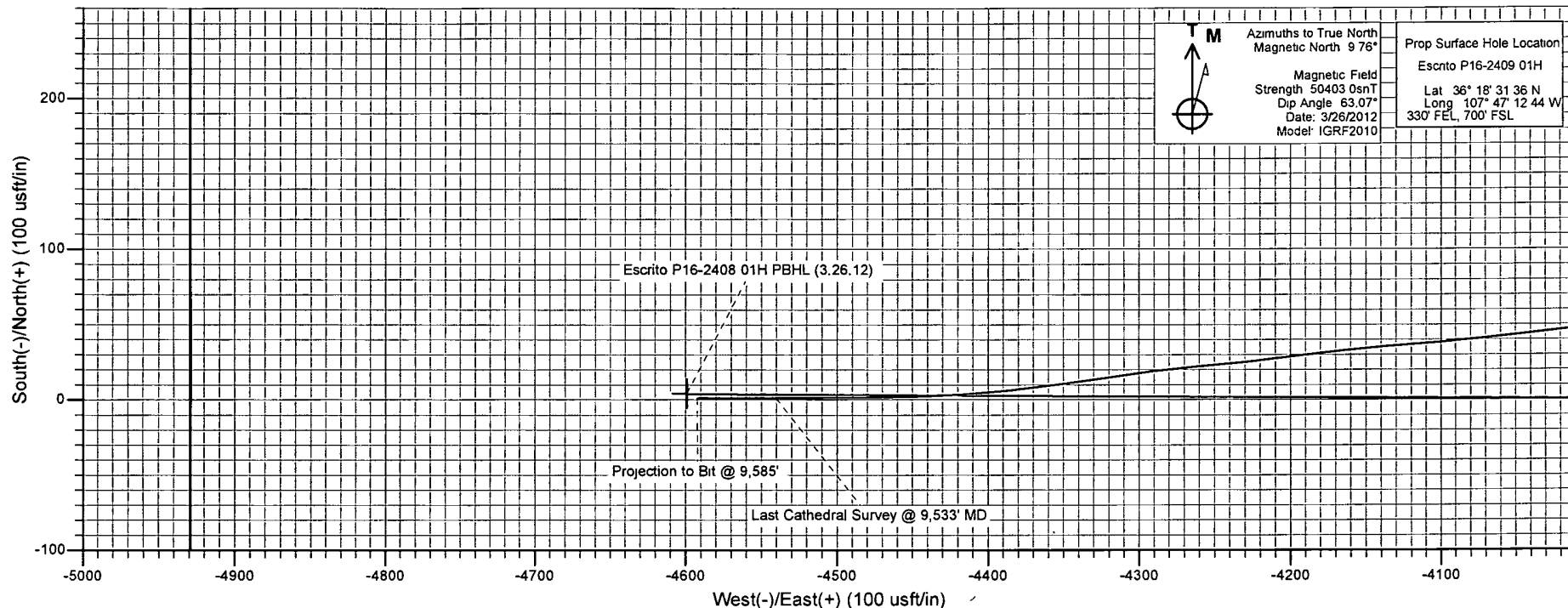
Project: San Juan Co, NM
 Site: S16-T24N-R9W (Escrito)
 Well: Escrito P16-2409 01H
 Wellbore Hz
 Design: FINAL



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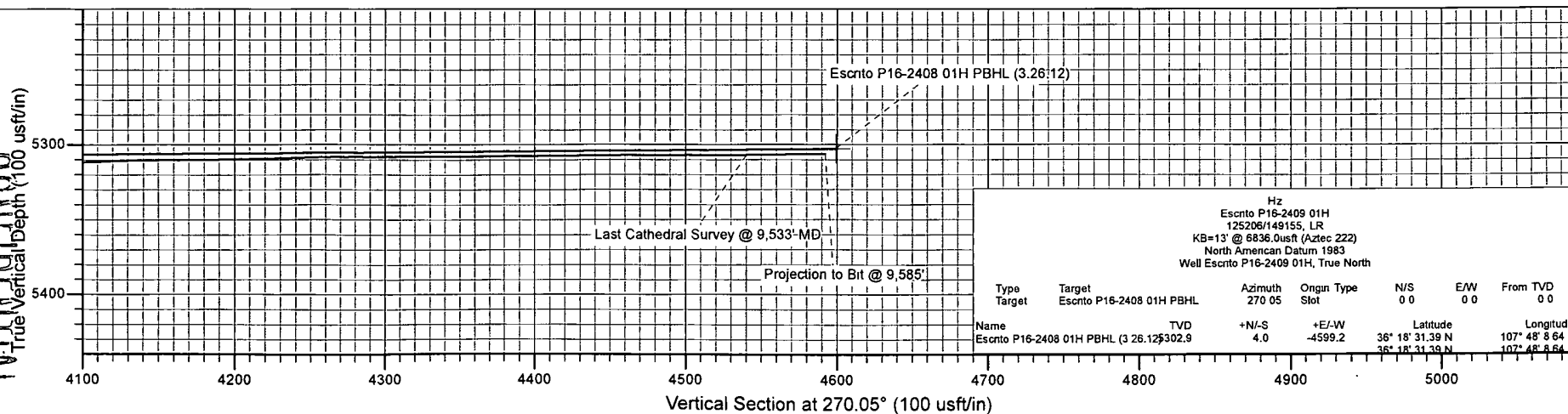
Project: San Juan Co, NM
 Site: S16-T24N-R9W (Escrito)
 Well: Escrito P16-2409 01H
 Wellbore: Hz
 Design: FINAL



Azimuths to True North
 Magnetic North 9 76°

Magnetic Field
 Strength 50403 0snT
 Dip Angle 63.07°
 Date: 3/26/2012
 Model: IGRF2010

Prop Surface Hole Location
 Escrito P16-2409 01H
 Lat 36° 18' 31.36 N
 Long 107° 47' 12.44 W
 330' FEL, 700' FSL



		Hz							
		Escrito P16-2409 01H		125206/149155, LR					
		KB=13' @ 6836.0usft (Aztec 222)		North American Datum 1983					
		Well Escrito P16-2409 01H, True North							
Type	Target	Azimuth	Origin	Type	N/S	E/W	From	TVD	
	Escrito P16-2408 01H PBHL	270 05	Slot		0 0	0 0	0 0		
Name	TVD	+N/-S	+E/-W	Latitude	Longitude				
Escrito P16-2408 01H PBHL (3.26.12)	302.9	4.0	-4599.2	36° 18' 31.39 N	107° 48' 8.64 W				

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Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito P16-2409 01H
Project:	San Juan Co, NM	TVD Reference:	KB=13' @ 6836.0usft (Aztec 222)
Site:	S16-T24N-R9W (Escrito)	MD Reference:	KB=13' @ 6836.0usft (Aztec 222)
Well:	Escrito P16-2409 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	Hz	Database:	USA EDM 5000 Multi Users DB

Project	San Juan Co, 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		S16-T24N-R9W (Escrito)			
Site Position:		Northing:	1,933,202.62 usft	Latitude:	36° 18' 46.48 N
From:	Lat/Long	Easting:	2,736,830.52 usft	Longitude:	107° 47' 12.12 W
Position Uncertainty:	0 0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0 03 °

Well	Escrito P16-2409 01H					
Well Position	+N/-S	0 0 usft	Northing:	1,931,673.70 usft	Latitude:	36° 18' 31.36 N
	+E/-W	0 0 usft	Easting:	2,736,804.74 usft	Longitude:	107° 47' 12.44 W
Position Uncertainty		0 0 usft	Wellhead Elevation:	usft	Ground Level:	6,823.0 usft

Wellbore	Hz				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/26/2012	9.76	63.07	50,403

Design	Hz			
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	270 05

Survey Program		Date	4/8/2012		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
25.0	4,425.0	Survey #1 (Hz)	Gyro	Gyro	
4,635.0	9,585.0	Survey #2 (Hz)	MWD	Geolink MWD	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf	Build Rate (°/100u	Formations / Comments
0.0	0 00	0 00	0 0	0 0	0 0	0.0	0 00	0 00	
25 0	0 12	321.87	25 0	0 0	0 0	0 0	0 48	0 48	
50 0	0 24	321.87	50 0	0 1	-0.1	0.1	0.48	0 48	
75.0	0 35	321 87	75.0	0 2	-0 1	0.1	0 44	0.44	
100 0	0 47	321.87	100 0	0 3	-0 3	0.3	0 48	0 48	
125 0	0 46	311.15	125 0	0 5	-0.4	0.4	0 35	-0.04	
150.0	0 64	318.61	150 0	0 6	-0.6	0.6	0 77	0.72	
175.0	0 69	314.12	175 0	0 9	-0.8	0 8	0 29	0 20	
200.0	0 55	321.08	200 0	1 0	-0 9	0 9	0 63	-0.56	
225.0	0 52	319.78	225 0	1 2	-1 1	1 1	0 13	-0 12	
250.0	0 66	320 12	250 0	1.4	-1 3	1 3	0 56	0 56	
275.0	0 73	324 66	275.0	1.7	-1 4	1 4	0 36	0.28	

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Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito P16-2409 01H
Project:	San Juan Co, NM	TVD Reference:	KB=13' @ 6836 0usft (Aztec 222)
Site:	S16-T24N-R9W (Escrito)	MD Reference:	KB=13' @ 6836 0usft (Aztec 222)
Well:	Escrito P16-2409 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	Hz	Database:	USA EDM 5000 Multi Users DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
300.0	0.74	326.25	300.0	1.9	-1.6	1.6	0.09	0.04	
325.0	1.00	322.96	325.0	2.2	-1.8	1.8	1.06	1.04	
350.0	0.92	337.61	350.0	2.6	-2.1	2.1	1.03	-0.32	
375.0	0.99	344.75	375.0	3.0	-2.2	2.2	0.55	0.28	
400.0	0.93	347.88	400.0	3.4	-2.3	2.3	0.32	-0.24	
425.0	0.95	347.11	425.0	3.8	-2.4	2.4	0.09	0.08	
450.0	0.96	352.05	450.0	4.2	-2.5	2.5	0.33	0.04	
475.0	0.83	351.27	475.0	4.6	-2.5	2.5	0.52	-0.52	
500.0	0.81	346.70	500.0	4.9	-2.6	2.6	0.27	-0.08	
525.0	0.77	341.50	525.0	5.3	-2.7	2.7	0.33	-0.16	
550.0	0.89	336.39	550.0	5.6	-2.8	2.8	0.56	0.48	
575.0	0.85	338.44	575.0	6.0	-2.9	3.0	0.20	-0.16	
600.0	0.82	339.51	599.9	6.3	-3.1	3.1	0.14	-0.12	
625.0	0.86	335.83	624.9	6.6	-3.2	3.2	0.27	0.16	
650.0	0.89	336.88	649.9	7.0	-3.4	3.4	0.14	0.12	
675.0	0.83	340.39	674.9	7.3	-3.5	3.5	0.32	-0.24	
700.0	0.77	344.30	699.9	7.7	-3.6	3.6	0.32	-0.24	
725.0	0.81	342.70	724.9	8.0	-3.7	3.7	0.18	0.16	
750.0	0.78	340.94	749.9	8.3	-3.8	3.8	0.15	-0.12	
775.0	0.83	340.83	774.9	8.7	-3.9	3.9	0.20	0.20	
800.0	0.81	337.07	799.9	9.0	-4.1	4.1	0.23	-0.08	
825.0	0.97	335.86	824.9	9.4	-4.2	4.2	0.64	0.64	
850.0	0.79	346.39	849.9	9.7	-4.3	4.4	0.97	-0.72	
875.0	0.65	345.71	874.9	10.0	-4.4	4.4	0.56	-0.56	
900.0	0.72	343.35	899.9	10.3	-4.5	4.5	0.30	0.28	
925.0	0.73	341.94	924.9	10.6	-4.6	4.6	0.08	0.04	
950.0	0.48	288.20	949.9	10.8	-4.7	4.8	2.36	-1.00	
975.0	0.94	286.52	974.9	10.9	-5.0	5.0	1.84	1.84	
1,000.0	0.91	295.43	999.9	11.0	-5.4	5.4	0.59	-0.12	
1,025.0	0.86	300.98	1,024.9	11.2	-5.8	5.8	0.40	-0.20	
1,050.0	0.87	304.18	1,049.9	11.4	-6.1	6.1	0.20	0.04	
1,075.0	0.89	302.92	1,074.9	11.6	-6.4	6.4	0.11	0.08	
1,100.0	0.88	306.46	1,099.9	11.8	-6.7	6.7	0.22	-0.04	
1,125.0	0.85	305.46	1,124.9	12.1	-7.0	7.0	0.13	-0.12	
1,150.0	0.86	300.40	1,149.9	12.3	-7.3	7.3	0.30	0.04	
1,175.0	0.92	299.50	1,174.9	12.5	-7.7	7.7	0.25	0.24	
1,200.0	0.98	293.46	1,199.9	12.7	-8.0	8.0	0.47	0.24	
1,225.0	0.98	295.48	1,224.9	12.8	-8.4	8.4	0.14	0.00	
1,250.0	0.92	292.38	1,249.9	13.0	-8.8	8.8	0.32	-0.24	
1,275.0	0.75	286.25	1,274.9	13.1	-9.1	9.2	0.77	-0.68	
1,300.0	0.97	263.47	1,299.9	13.1	-9.5	9.5	1.61	0.88	
1,325.0	1.18	272.00	1,324.9	13.1	-10.0	10.0	1.05	0.84	
1,350.0	1.12	276.81	1,349.9	13.2	-10.5	10.5	0.45	-0.24	
1,375.0	1.10	279.36	1,374.9	13.2	-11.0	11.0	0.21	-0.08	
1,400.0	1.16	280.68	1,399.9	13.3	-11.4	11.5	0.26	0.24	
1,425.0	1.10	284.59	1,424.8	13.4	-11.9	11.9	0.39	-0.24	
1,450.0	1.11	284.48	1,449.8	13.5	-12.4	12.4	0.04	0.04	
1,475.0	1.10	284.97	1,474.8	13.7	-12.9	12.9	0.06	-0.04	
1,500.0	1.13	282.93	1,499.8	13.8	-13.3	13.3	0.20	0.12	
1,525.0	1.12	287.26	1,524.8	13.9	-13.8	13.8	0.34	-0.04	
1,550.0	1.14	284.56	1,549.8	14.0	-14.3	14.3	0.23	0.08	
1,575.0	1.03	287.27	1,574.8	14.2	-14.7	14.7	0.49	-0.44	
1,600.0	1.01	290.11	1,599.8	14.3	-15.2	15.2	0.22	-0.08	

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Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito P16-2409 01H
Project:	San Juan Co, NM	TVD Reference:	KB=13' @ 6836.0usft (Aztec 222)
Site:	S16-T24N-R9W (Escrito)	MD Reference:	KB=13' @ 6836.0usft (Aztec 222)
Well:	Escrito P16-2409 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	Hz	Database:	USA EDM 5000 Multi Users DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
1,625.0	0.95	209.15	1,624.8	14.2	-15.5	15.5	5.09	-0.24	
1,650.0	1.10	289.20	1,649.8	14.1	-15.8	15.8	5.29	0.60	
1,675.0	1.04	283.75	1,674.8	14.2	-16.2	16.3	0.47	-0.24	
1,700.0	1.03	278.00	1,699.8	14.3	-16.7	16.7	0.42	-0.04	
1,725.0	0.89	275.71	1,724.8	14.4	-17.1	17.1	0.58	-0.56	
1,750.0	0.87	257.38	1,749.8	14.4	-17.5	17.5	1.12	-0.08	
1,775.0	1.30	252.19	1,774.8	14.2	-17.9	17.9	1.76	1.72	
1,800.0	1.39	259.96	1,799.8	14.1	-18.5	18.5	0.81	0.36	
1,825.0	1.43	261.50	1,824.8	14.0	-19.1	19.1	0.22	0.16	
1,850.0	1.34	264.26	1,849.8	13.9	-19.7	19.7	0.45	-0.36	
1,875.0	1.26	263.81	1,874.8	13.9	-20.3	20.3	0.32	-0.32	
1,900.0	1.35	265.78	1,899.8	13.8	-20.8	20.9	0.40	0.36	
1,925.0	1.27	266.84	1,924.7	13.8	-21.4	21.4	0.33	-0.32	
1,950.0	1.08	268.23	1,949.7	13.7	-21.9	21.9	0.77	-0.76	
1,975.0	0.95	249.18	1,974.7	13.7	-22.3	22.4	1.44	-0.52	
2,000.0	1.23	241.11	1,999.7	13.5	-22.8	22.8	1.27	1.12	
2,025.0	1.28	245.03	2,024.7	13.2	-23.3	23.3	0.40	0.20	
2,050.0	1.45	248.13	2,049.7	13.0	-23.8	23.8	0.74	0.68	
2,075.0	1.38	249.84	2,074.7	12.8	-24.4	24.4	0.33	-0.28	
2,100.0	1.42	249.36	2,099.7	12.5	-25.0	25.0	0.17	0.16	
2,125.0	1.37	254.36	2,124.7	12.4	-25.5	25.6	0.53	-0.20	
2,150.0	1.36	257.91	2,149.7	12.2	-26.1	26.1	0.34	-0.04	
2,175.0	1.29	250.88	2,174.7	12.1	-26.7	26.7	0.71	-0.28	
2,200.0	1.14	255.54	2,199.7	11.9	-27.2	27.2	0.72	-0.60	
2,225.0	1.00	262.54	2,224.7	11.8	-27.6	27.6	0.77	-0.56	
2,250.0	0.74	241.88	2,249.7	11.7	-28.0	28.0	1.61	-1.04	
2,275.0	1.00	225.34	2,274.7	11.5	-28.3	28.3	1.44	1.04	
2,300.0	1.15	231.63	2,299.7	11.2	-28.6	28.7	0.76	0.60	
2,325.0	1.20	236.89	2,324.7	10.9	-29.1	29.1	0.48	0.20	
2,350.0	1.24	238.52	2,349.7	10.6	-29.5	29.5	0.21	0.16	
2,375.0	1.18	237.88	2,374.6	10.3	-30.0	30.0	0.25	-0.24	
2,400.0	1.18	240.89	2,399.6	10.0	-30.4	30.4	0.25	0.00	
2,425.0	1.15	241.60	2,424.6	9.8	-30.8	30.9	0.13	-0.12	
2,450.0	1.17	244.11	2,449.6	9.6	-31.3	31.3	0.22	0.08	
2,475.0	1.15	245.22	2,474.6	9.4	-31.8	31.8	0.12	-0.08	
2,500.0	0.94	258.37	2,499.6	9.2	-32.2	32.2	1.27	-0.84	
2,525.0	0.65	245.92	2,524.6	9.1	-32.5	32.5	1.34	-1.16	
2,550.0	0.85	214.87	2,549.6	8.9	-32.8	32.8	1.78	0.80	
2,575.0	1.05	227.49	2,574.6	8.6	-33.0	33.0	1.15	0.80	
2,600.0	1.12	234.02	2,599.6	8.3	-33.4	33.4	0.57	0.28	
2,625.0	1.12	235.59	2,624.6	8.0	-33.8	33.8	0.12	0.00	
2,650.0	1.16	239.08	2,649.6	7.7	-34.2	34.2	0.32	0.16	
2,675.0	1.08	240.36	2,674.6	7.5	-34.6	34.6	0.34	-0.32	
2,700.0	0.92	244.35	2,699.6	7.3	-35.0	35.0	0.70	-0.64	
2,725.0	0.89	239.50	2,724.6	7.1	-35.4	35.4	0.33	-0.12	
2,750.0	0.82	238.00	2,749.6	6.9	-35.7	35.7	0.29	-0.28	
2,775.0	0.83	234.76	2,774.6	6.7	-36.0	36.0	0.19	0.04	
2,800.0	0.82	234.57	2,799.6	6.5	-36.3	36.3	0.04	-0.04	
2,825.0	0.83	229.72	2,824.6	6.3	-36.6	36.6	0.28	0.04	
2,850.0	0.88	221.11	2,849.6	6.0	-36.8	36.8	0.55	0.20	
2,875.0	0.84	227.50	2,874.6	5.8	-37.1	37.1	0.42	-0.16	
2,900.0	0.79	234.20	2,899.6	5.5	-37.4	37.4	0.43	-0.20	
2,925.0	0.77	228.45	2,924.6	5.3	-37.6	37.6	0.32	-0.08	

Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito P16-2409 01H
Project:	San Juan Co, NM	TVD Reference:	KB=13' @ 6836 0usft (Aztec 222)
Site:	S16-T24N-R9W (Escrito)	MD Reference:	KB=13' @ 6836 0usft (Aztec 222)
Well:	Escrito P16-2409 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	Hz	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
2,950.0	0.76	232.33	2,949.6	5.1	-37.9	37.9	0.21	-0.04	
2,975.0	0.72	229.81	2,974.6	4.9	-38.1	38.1	0.21	-0.16	
3,000.0	0.67	230.02	2,999.6	4.7	-38.4	38.4	0.20	-0.20	
3,025.0	0.68	228.02	3,024.6	4.5	-38.6	38.6	0.10	0.04	
3,050.0	0.56	213.56	3,049.6	4.3	-38.8	38.8	0.79	-0.48	
3,075.0	0.66	204.40	3,074.6	4.1	-38.9	38.9	0.56	0.40	
3,100.0	0.87	205.21	3,099.6	3.8	-39.0	39.0	0.84	0.84	
3,125.0	0.93	214.92	3,124.6	3.4	-39.2	39.2	0.65	0.24	
3,150.0	0.95	217.88	3,149.5	3.1	-39.5	39.5	0.21	0.08	
3,175.0	0.88	223.14	3,174.5	2.8	-39.7	39.7	0.44	-0.28	
3,200.0	0.92	219.10	3,199.5	2.5	-40.0	40.0	0.30	0.16	
3,225.0	0.89	224.51	3,224.5	2.2	-40.3	40.3	0.36	-0.12	
3,250.0	0.99	220.05	3,249.5	1.9	-40.5	40.5	0.50	0.40	
3,275.0	0.90	221.42	3,274.5	1.6	-40.8	40.8	0.37	-0.36	
3,300.0	0.93	224.60	3,299.5	1.3	-41.1	41.1	0.24	0.12	
3,325.0	0.89	225.78	3,324.5	1.0	-41.4	41.4	0.18	-0.16	
3,350.0	0.93	221.49	3,349.5	0.7	-41.6	41.6	0.32	0.16	
3,375.0	0.99	220.18	3,374.5	0.4	-41.9	41.9	0.26	0.24	
3,400.0	0.93	221.05	3,399.5	0.1	-42.2	42.2	0.25	-0.24	
3,425.0	0.97	220.86	3,424.5	-0.2	-42.4	42.4	0.16	0.16	
3,450.0	0.99	220.00	3,449.5	-0.5	-42.7	42.7	0.10	0.08	
3,475.0	1.03	219.08	3,474.5	-0.9	-43.0	43.0	0.17	0.16	
3,500.0	0.74	227.59	3,499.5	-1.2	-43.3	43.3	1.27	-1.16	
3,525.0	0.93	223.42	3,524.5	-1.4	-43.5	43.5	0.80	0.76	
3,550.0	0.94	221.33	3,549.5	-1.7	-43.8	43.8	0.14	0.04	
3,575.0	0.94	221.57	3,574.5	-2.0	-44.1	44.1	0.02	0.00	
3,600.0	0.89	219.39	3,599.5	-2.3	-44.3	44.3	0.24	-0.20	
3,625.0	0.88	225.64	3,624.5	-2.6	-44.6	44.6	0.39	-0.04	
3,650.0	0.72	229.11	3,649.5	-2.8	-44.8	44.8	0.67	-0.64	
3,675.0	0.67	226.63	3,674.5	-3.0	-45.1	45.1	0.23	-0.20	
3,700.0	0.69	223.97	3,699.5	-3.3	-45.3	45.3	0.15	0.08	
3,725.0	0.65	223.19	3,724.5	-3.5	-45.5	45.5	0.16	-0.16	
3,750.0	0.48	212.01	3,749.5	-3.7	-45.6	45.6	0.81	-0.68	
3,775.0	0.50	217.54	3,774.5	-3.8	-45.8	45.8	0.21	0.08	
3,800.0	0.57	221.66	3,799.5	-4.0	-45.9	45.9	0.32	0.28	
3,825.0	0.48	206.30	3,824.5	-4.2	-46.0	46.0	0.67	-0.36	
3,850.0	0.46	200.11	3,849.5	-4.4	-46.1	46.1	0.22	-0.08	
3,875.0	0.51	188.47	3,874.5	-4.6	-46.2	46.2	0.44	0.20	
3,900.0	0.61	188.59	3,899.5	-4.8	-46.2	46.2	0.40	0.40	
3,925.0	0.68	187.84	3,924.5	-5.1	-46.2	46.2	0.28	0.28	
3,950.0	0.65	185.07	3,949.5	-5.4	-46.3	46.3	0.18	-0.12	
3,975.0	0.47	207.67	3,974.5	-5.6	-46.3	46.3	1.13	-0.72	
4,000.0	0.53	206.80	3,999.5	-5.8	-46.4	46.4	0.24	0.24	
4,025.0	0.73	222.60	4,024.5	-6.0	-46.6	46.6	1.05	0.80	
4,050.0	0.85	193.38	4,049.5	-6.3	-46.7	46.7	1.66	0.48	
4,075.0	0.70	211.31	4,074.5	-6.7	-46.9	46.9	1.13	-0.60	
4,100.0	0.74	196.16	4,099.5	-6.9	-47.0	47.0	0.78	0.16	
4,125.0	0.87	200.12	4,124.5	-7.3	-47.1	47.1	0.57	0.52	
4,150.0	0.81	207.50	4,149.5	-7.6	-47.2	47.2	0.49	-0.24	
4,175.0	0.71	211.00	4,174.4	-7.9	-47.4	47.4	0.44	-0.40	
4,200.0	0.83	210.82	4,199.4	-8.2	-47.6	47.6	0.48	0.48	
4,225.0	0.77	208.65	4,224.4	-8.5	-47.8	47.7	0.27	-0.24	
4,250.0	0.76	196.34	4,249.4	-8.8	-47.9	47.9	0.66	-0.04	

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Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito P16-2409 01H
Project:	San Juan Co, NM	TVD Reference:	KB=13' @ 6836.0usft (Aztec 222)
Site:	S16-T24N-R9W (Escrito)	MD Reference:	KB=13' @ 6836.0usft (Aztec 222)
Well:	Escrito P16-2409 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	Hz	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
4,275.0	0.78	193.23	4,274.4	-9.1	-48.0	48.0	0.19	0.08	
4,300.0	0.97	209.98	4,299.4	-9.5	-48.1	48.1	1.27	0.76	
4,325.0	0.74	216.09	4,324.4	-9.8	-48.3	48.3	0.99	-0.92	
4,350.0	0.80	197.47	4,349.4	-10.1	-48.5	48.5	1.02	0.24	
4,375.0	0.80	201.97	4,374.4	-10.4	-48.6	48.6	0.25	0.00	
4,400.0	0.81	199.55	4,399.4	-10.7	-48.7	48.7	0.14	0.04	
4,425.0	0.81	213.95	4,424.4	-11.1	-48.9	48.9	0.81	0.00	Last Gyro Survey @ 4425' MD
4,635.0	0.90	242.80	4,634.4	-13.0	-51.2	51.1	0.21	0.04	
4,668.0	3.40	266.80	4,667.4	-13.2	-52.4	52.4	7.89	7.58	
4,683.0	5.30	271.90	4,682.3	-13.2	-53.5	53.5	12.91	12.67	
4,699.0	7.20	272.90	4,698.2	-13.1	-55.2	55.2	11.89	11.88	
4,731.0	9.80	274.00	4,729.9	-12.8	-60.0	60.0	8.14	8.13	
4,762.0	12.40	276.30	4,760.3	-12.3	-65.9	65.9	8.51	8.39	
4,794.0	14.60	279.80	4,791.4	-11.2	-73.3	73.3	7.33	6.88	
4,826.0	16.20	279.20	4,822.3	-9.8	-81.7	81.7	5.02	5.00	
4,857.0	17.10	277.20	4,852.0	-8.6	-90.5	90.5	3.44	2.90	
4,888.0	18.90	275.50	4,881.4	-7.5	-100.0	100.0	6.05	5.81	
4,920.0	21.50	274.00	4,911.5	-6.6	-111.0	111.0	8.28	8.13	
4,952.0	23.70	274.40	4,941.0	-5.7	-123.3	123.3	6.89	6.88	
4,983.0	25.80	272.10	4,969.2	-5.0	-136.2	136.2	7.45	6.77	
5,015.0	28.00	271.20	4,997.7	-4.6	-150.7	150.7	6.99	6.88	
5,046.0	30.90	272.00	5,024.7	-4.1	-165.9	165.9	9.44	9.35	
5,078.0	33.20	272.20	5,051.8	-3.5	-182.9	182.9	7.20	7.19	
5,109.0	36.30	271.30	5,077.3	-3.0	-200.5	200.5	10.14	10.00	
5,142.0	40.30	269.90	5,103.2	-2.8	-221.0	221.0	12.40	12.12	
5,173.0	45.00	269.30	5,126.0	-2.9	-242.0	242.0	15.22	15.16	
5,205.0	48.20	270.40	5,148.0	-3.0	-265.2	265.2	10.31	10.00	
5,237.0	49.60	270.80	5,169.0	-2.7	-289.3	289.3	4.48	4.38	
5,268.0	50.60	271.10	5,188.9	-2.3	-313.1	313.1	3.31	3.23	
5,300.0	53.60	271.10	5,208.5	-1.9	-338.4	338.4	9.38	9.38	
5,331.0	57.20	270.80	5,226.1	-1.4	-363.9	363.9	11.64	11.61	
5,362.0	61.60	270.40	5,241.9	-1.2	-390.6	390.6	14.24	14.19	
5,393.0	65.20	269.80	5,255.8	-1.1	-418.3	418.3	11.74	11.61	
5,425.0	68.40	271.30	5,268.4	-0.8	-447.7	447.7	10.89	10.00	
5,457.0	71.60	271.10	5,279.3	-0.2	-477.7	477.7	10.02	10.00	
5,488.0	74.00	271.10	5,288.5	0.4	-507.3	507.3	7.74	7.74	
5,520.0	75.90	270.80	5,296.8	0.9	-538.2	538.2	6.01	5.94	
5,551.0	77.70	271.10	5,303.9	1.4	-568.4	568.4	5.88	5.81	
5,583.0	80.00	271.60	5,310.1	2.1	-599.8	599.8	7.35	7.19	
5,615.0	81.80	271.90	5,315.1	3.1	-631.4	631.4	5.70	5.63	
5,646.0	83.90	271.40	5,319.0	4.0	-662.1	662.1	6.96	6.77	
5,677.0	87.30	272.50	5,321.4	5.0	-693.0	693.0	11.52	10.97	
5,709.0	88.40	273.20	5,322.6	6.6	-724.9	725.0	4.07	3.44	
5,740.0	88.90	273.30	5,323.3	8.4	-755.9	755.9	1.64	1.61	
5,772.0	87.00	272.60	5,324.4	10.0	-787.8	787.8	6.33	-5.94	
5,804.0	87.00	272.20	5,326.1	11.4	-819.7	819.8	1.25	0.00	
5,835.0	87.50	271.80	5,327.6	12.4	-850.7	850.7	2.06	1.61	
5,867.0	87.90	271.00	5,328.9	13.2	-882.7	882.7	2.79	1.25	
5,899.0	88.70	271.10	5,329.8	13.8	-914.6	914.7	2.52	2.50	
5,931.0	89.80	271.20	5,330.3	14.5	-946.6	946.6	3.45	3.44	
5,963.0	90.00	270.40	5,330.3	14.9	-978.6	978.6	2.58	0.63	
5,994.0	89.10	269.20	5,330.6	14.8	-1,009.6	1,009.6	4.84	-2.90	
6,026.0	89.60	269.10	5,330.9	14.3	-1,041.6	1,041.6	1.59	1.56	

CONFIDENTIAL

Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito P16-2409 01H
Project:	San Juan Co, NM	TVD Reference:	KB=13' @ 6836 0usft (Aztec 222)
Site:	S16-T24N-R9W (Escrito)	MD Reference:	KB=13' @ 6836 0usft (Aztec 222)
Well:	Escrito P16-2409 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	Hz	Database:	USA EDM 5000 Multi Users DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
6,057.0	90.80	269.20	5,330.8	13.9	-1,072.6	1,072.6	3.88	3.87	
6,088.0	91.10	269.00	5,330.3	13.4	-1,103.6	1,103.6	1.16	0.97	
6,119.0	91.30	268.90	5,329.7	12.8	-1,134.6	1,134.6	0.72	0.65	
6,151.0	91.30	267.90	5,328.9	11.9	-1,166.6	1,166.6	3.12	0.00	
6,212.0	92.60	268.40	5,326.9	9.9	-1,227.5	1,227.5	2.28	2.13	
6,275.0	92.40	269.00	5,324.1	8.5	-1,290.4	1,290.4	1.00	-0.32	
6,339.0	91.60	269.80	5,321.9	7.8	-1,354.4	1,354.4	1.77	-1.25	
6,402.0	91.90	270.50	5,319.9	8.0	-1,417.4	1,417.4	1.21	0.48	
6,466.0	92.50	270.70	5,317.5	8.7	-1,481.3	1,481.3	0.99	0.94	
6,497.0	91.90	271.00	5,316.3	9.1	-1,512.3	1,512.3	2.16	-1.94	
6,512.0	91.30	271.00	5,315.9	9.4	-1,527.3	1,527.3	4.00	-4.00	
6,528.0	90.60	270.80	5,315.6	9.6	-1,543.3	1,543.3	4.55	-4.38	
6,543.0	90.10	270.70	5,315.5	9.8	-1,558.3	1,558.3	3.40	-3.33	
6,559.0	89.30	270.30	5,315.6	10.0	-1,574.3	1,574.3	5.59	-5.00	
6,574.0	89.60	270.00	5,315.8	10.0	-1,589.3	1,589.3	2.83	2.00	
6,591.0	90.00	270.20	5,315.8	10.1	-1,606.3	1,606.3	2.63	2.35	
6,622.0	90.30	270.20	5,315.7	10.2	-1,637.3	1,637.3	0.97	0.97	
6,653.0	90.70	270.30	5,315.5	10.3	-1,668.3	1,668.3	1.33	1.29	
6,685.0	90.60	269.90	5,315.1	10.4	-1,700.3	1,700.3	1.29	-0.31	
6,717.0	90.40	269.70	5,314.8	10.2	-1,732.3	1,732.3	0.88	-0.63	
6,748.0	90.30	269.00	5,314.6	9.9	-1,763.3	1,763.3	2.28	-0.32	
6,779.0	90.40	268.90	5,314.4	9.3	-1,794.2	1,794.3	0.46	0.32	
6,810.0	89.90	268.10	5,314.4	8.5	-1,825.2	1,825.2	3.04	-1.61	
6,841.0	90.00	267.90	5,314.4	7.4	-1,856.2	1,856.2	0.72	0.32	
6,872.0	90.50	267.90	5,314.2	6.3	-1,887.2	1,887.2	1.61	1.61	
6,904.0	90.10	267.20	5,314.1	4.9	-1,919.2	1,919.2	2.52	-1.25	
6,936.0	90.50	267.00	5,313.9	3.3	-1,951.1	1,951.1	1.40	1.25	
6,967.0	89.90	266.90	5,313.8	1.7	-1,982.1	1,982.1	1.96	-1.94	
6,991.0	89.20	266.60	5,314.0	0.3	-2,006.0	2,006.0	3.17	-2.92	
7,023.0	89.30	266.60	5,314.4	-1.6	-2,038.0	2,038.0	0.31	0.31	
7,054.0	89.70	267.30	5,314.7	-3.3	-2,068.9	2,068.9	2.60	1.29	
7,086.0	90.00	267.30	5,314.8	-4.8	-2,100.9	2,100.9	0.94	0.94	
7,117.0	90.70	268.10	5,314.6	-6.0	-2,131.9	2,131.9	3.43	2.26	
7,149.0	90.80	269.10	5,314.2	-6.8	-2,163.9	2,163.9	3.14	0.31	
7,181.0	91.20	269.00	5,313.6	-7.3	-2,195.8	2,195.8	1.29	1.25	
7,212.0	92.30	270.50	5,312.7	-7.5	-2,226.8	2,226.8	6.00	3.55	
7,243.0	92.60	271.00	5,311.3	-7.0	-2,257.8	2,257.8	1.88	0.97	
7,274.0	92.90	270.80	5,309.8	-6.6	-2,288.8	2,288.8	1.16	0.97	
7,305.0	91.70	271.50	5,308.6	-5.9	-2,319.7	2,319.7	4.48	-3.87	
7,337.0	90.90	272.00	5,307.9	-5.0	-2,351.7	2,351.7	2.95	-2.50	
7,368.0	90.00	271.40	5,307.6	-4.0	-2,382.7	2,382.7	3.49	-2.90	
7,400.0	88.90	271.60	5,307.9	-3.2	-2,414.7	2,414.7	3.49	-3.44	
7,432.0	90.10	273.80	5,308.2	-1.7	-2,446.6	2,446.6	7.83	3.75	
7,463.0	90.40	275.10	5,308.1	0.7	-2,477.5	2,477.5	4.30	0.97	
7,494.0	89.60	275.60	5,308.1	3.6	-2,508.4	2,508.4	3.04	-2.58	
7,525.0	90.40	276.80	5,308.1	6.9	-2,539.2	2,539.2	4.65	2.58	
7,557.0	89.60	276.10	5,308.1	10.5	-2,571.0	2,571.0	3.32	-2.50	
7,589.0	89.70	277.30	5,308.3	14.3	-2,602.8	2,602.8	3.76	0.31	
7,620.0	90.40	277.10	5,308.2	18.2	-2,633.6	2,633.6	2.35	2.26	
7,652.0	89.60	277.10	5,308.2	22.1	-2,665.3	2,665.3	2.50	-2.50	
7,683.0	89.70	277.20	5,308.4	26.0	-2,696.1	2,696.1	0.46	0.32	
7,713.0	89.20	277.10	5,308.7	29.7	-2,725.8	2,725.9	1.70	-1.67	
7,745.0	86.60	276.40	5,309.9	33.5	-2,757.6	2,757.6	8.41	-8.13	

Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito P16-2409 01H
Project:	San Juan Co, NM	TVD Reference:	KB=13' @ 6836.0usft (Aztec 222)
Site:	S16-T24N-R9W (Escrito)	MD Reference:	KB=13' @ 6836.0usft (Aztec 222)
Well:	Escrito P16-2409 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	Hz	Database:	USA EDM 5000 Multi Users DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
7,777.0	85.90	275.30	5,312.0	36.7	-2,789.4	2,789.4	4.07	-2.19	
7,808.0	86.80	274.90	5,314.0	39.5	-2,820.2	2,820.2	3.18	2.90	
7,840.0	87.70	274.70	5,315.5	42.1	-2,852.0	2,852.1	2.88	2.81	
7,871.0	89.20	274.70	5,316.3	44.7	-2,882.9	2,882.9	4.84	4.84	
7,903.0	90.80	275.10	5,316.3	47.4	-2,914.8	2,914.8	5.15	5.00	
7,935.0	91.10	275.40	5,315.8	50.3	-2,946.6	2,946.7	1.33	0.94	
7,966.0	89.80	274.80	5,315.6	53.1	-2,977.5	2,977.6	4.62	-4.19	
7,998.0	90.00	274.80	5,315.6	55.8	-3,009.4	3,009.5	0.63	0.63	
8,030.0	90.70	275.00	5,315.4	58.5	-3,041.3	3,041.3	2.28	2.19	
8,061.0	90.70	274.50	5,315.0	61.1	-3,072.2	3,072.2	1.61	0.00	
8,092.0	91.10	274.00	5,314.6	63.4	-3,103.1	3,103.1	2.07	1.29	
8,123.0	90.20	273.90	5,314.2	65.5	-3,134.0	3,134.1	2.92	-2.90	
8,154.0	90.50	273.80	5,314.0	67.6	-3,164.9	3,165.0	1.02	0.97	
8,184.0	89.80	272.60	5,313.9	69.3	-3,194.9	3,195.0	4.63	-2.33	
8,197.0	89.70	272.10	5,314.0	69.8	-3,207.9	3,207.9	3.92	-0.77	
8,214.0	89.60	271.90	5,314.1	70.4	-3,224.9	3,224.9	1.32	-0.59	
8,247.0	88.60	271.20	5,314.6	71.3	-3,257.9	3,257.9	3.70	-3.03	
8,278.0	88.20	271.00	5,315.5	71.9	-3,288.8	3,288.9	1.44	-1.29	
8,310.0	88.20	270.80	5,316.5	72.4	-3,320.8	3,320.9	0.62	0.00	
8,341.0	88.90	270.80	5,317.3	72.8	-3,351.8	3,351.9	2.26	2.26	
8,372.0	89.40	270.20	5,317.7	73.1	-3,382.8	3,382.9	2.52	1.61	
8,404.0	89.70	270.00	5,318.0	73.1	-3,414.8	3,414.9	1.13	0.94	
8,435.0	89.70	269.70	5,318.1	73.1	-3,445.8	3,445.9	0.97	0.00	
8,466.0	89.90	269.90	5,318.3	73.0	-3,476.8	3,476.9	0.91	0.65	
8,497.0	90.00	269.80	5,318.3	72.9	-3,507.8	3,507.9	0.46	0.32	
8,528.0	90.00	269.70	5,318.3	72.7	-3,538.8	3,538.9	0.32	0.00	
8,559.0	90.70	269.80	5,318.1	72.6	-3,569.8	3,569.9	2.28	2.26	
8,591.0	91.30	269.30	5,317.5	72.4	-3,601.8	3,601.9	2.44	1.88	
8,622.0	91.90	269.00	5,316.7	71.9	-3,632.8	3,632.8	2.16	1.94	
8,654.0	90.80	267.30	5,315.9	70.9	-3,664.8	3,664.8	6.33	-3.44	
8,685.0	90.50	266.70	5,315.6	69.2	-3,695.7	3,695.8	2.16	-0.97	
8,717.0	90.70	266.30	5,315.2	67.3	-3,727.6	3,727.7	1.40	0.63	
8,748.0	90.00	265.70	5,315.0	65.1	-3,758.6	3,758.6	2.97	-2.26	
8,780.0	90.30	265.50	5,315.0	62.7	-3,790.5	3,790.5	1.13	0.94	
8,811.0	90.50	266.80	5,314.7	60.6	-3,821.4	3,821.5	4.24	0.65	
8,842.0	90.90	267.10	5,314.4	58.9	-3,852.4	3,852.4	1.61	1.29	
8,874.0	92.10	267.40	5,313.5	57.4	-3,884.3	3,884.4	3.87	3.75	
8,905.0	91.90	267.10	5,312.4	55.9	-3,915.3	3,915.3	1.16	-0.65	
8,937.0	91.10	265.40	5,311.6	53.8	-3,947.2	3,947.2	5.87	-2.50	
8,968.0	89.20	263.70	5,311.5	50.9	-3,978.0	3,978.1	8.22	-6.13	
9,000.0	89.30	263.30	5,311.9	47.3	-4,009.8	4,009.9	1.29	0.31	
9,031.0	90.10	263.90	5,312.1	43.8	-4,040.6	4,040.7	3.23	2.58	
9,063.0	90.50	264.20	5,311.9	40.5	-4,072.5	4,072.5	1.56	1.25	
9,093.0	91.50	265.50	5,311.4	37.8	-4,102.3	4,102.4	5.47	3.33	
9,125.0	91.50	265.40	5,310.6	35.3	-4,134.2	4,134.2	0.31	0.00	
9,157.0	90.50	263.90	5,310.0	32.3	-4,166.1	4,166.1	5.63	-3.13	
9,189.0	90.70	263.10	5,309.7	28.6	-4,197.9	4,197.9	2.58	0.63	
9,220.0	91.00	263.30	5,309.2	25.0	-4,228.6	4,228.7	1.16	0.97	
9,252.0	91.40	265.70	5,308.5	21.9	-4,260.5	4,260.5	7.60	1.25	
9,284.0	90.10	262.40	5,308.1	18.6	-4,292.3	4,292.3	11.08	-4.06	
9,315.0	89.80	261.00	5,308.2	14.1	-4,323.0	4,323.0	4.62	-0.97	
9,346.0	90.90	262.70	5,308.0	9.7	-4,353.7	4,353.7	6.53	3.55	
9,378.0	90.40	263.90	5,307.6	6.0	-4,385.4	4,385.4	4.06	-1.56	

Cathedral Energy Services

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito P16-2409 01H
Project:	San Juan Co, NM	TVD Reference:	KB=13' @ 6836 0usft (Aztec 222)
Site:	S16-T24N-R9W (Escrito)	MD Reference:	KB=13' @ 6836.0usft (Aztec 222)
Well:	Escrito P16-2409 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	Hz	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
9,409.0	90.10	265.80	5,307.5	3.2	-4,416.3	4,416.3	6.20	-0.97	
9,440.0	90.10	268.60	5,307.4	1.7	-4,447.3	4,447.3	9.03	0.00	
9,472.0	90.00	269.70	5,307.4	1.2	-4,479.3	4,479.3	3.45	-0.31	
9,502.0	90.30	270.00	5,307.3	1.1	-4,509.3	4,509.3	1.41	1.00	
9,533.0	90.70	269.70	5,307.0	1.1	-4,540.3	4,540.3	1.61	1.29	Last Cathedral Survey @ 9,533' MD
9,585.0	90.70	269.70	5,306.4	0.8	-4,592.3	4,592.3	0.00	0.00	Projection to Bit @ 9,585'

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Escrito P16-2408 01H P	0.00	0.00	5,302.9	4.0	-4,599.2	1,931,675.50	2,732,205.56	36° 18' 31.39 N	107° 48' 8.64 W
- actual wellpath misses target center by 8.4usft at 9585.0usft MD (5306.4 TVD, 0.8 N, -4592.3 E)									
- Point									
Escrito P16-2408 01H P	0.00	0.00	5,314.8	4.0	-4,599.2	1,931,675.50	2,732,205.56	36° 18' 31.39 N	107° 48' 8.64 W
- actual wellpath misses target center by 11.3usft at 9585.0usft MD (5306.4 TVD, 0.8 N, -4592.3 E)									
- Point									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
4,425.0	4,424.4	-11.1	-48.9	Last Gyro Survey @ 4425' MD	
9,533.0	5,307.0	1.1	-4,540.3	Last Cathedral Survey @ 9,533' MD	
9,585.0	5,306.4	0.8	-4,592.3	Projection to Bit @ 9,585'	

Checked By: _____ Approved By: _____ Date: _____