

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 30-045-35479	² Pool Code 98080	³ Pool Name NAGEEZI UNIT HZ (OIL)
⁴ Property Code 313757	⁵ Property Name NAGEEZI UNIT M27-2409	⁶ Well Number 02H
⁷ GRID No. 282327	⁸ Operator Name ENCANA OIL & GAS (USA) INC.	⁹ Elevation 6978'

¹⁰ Surface Location

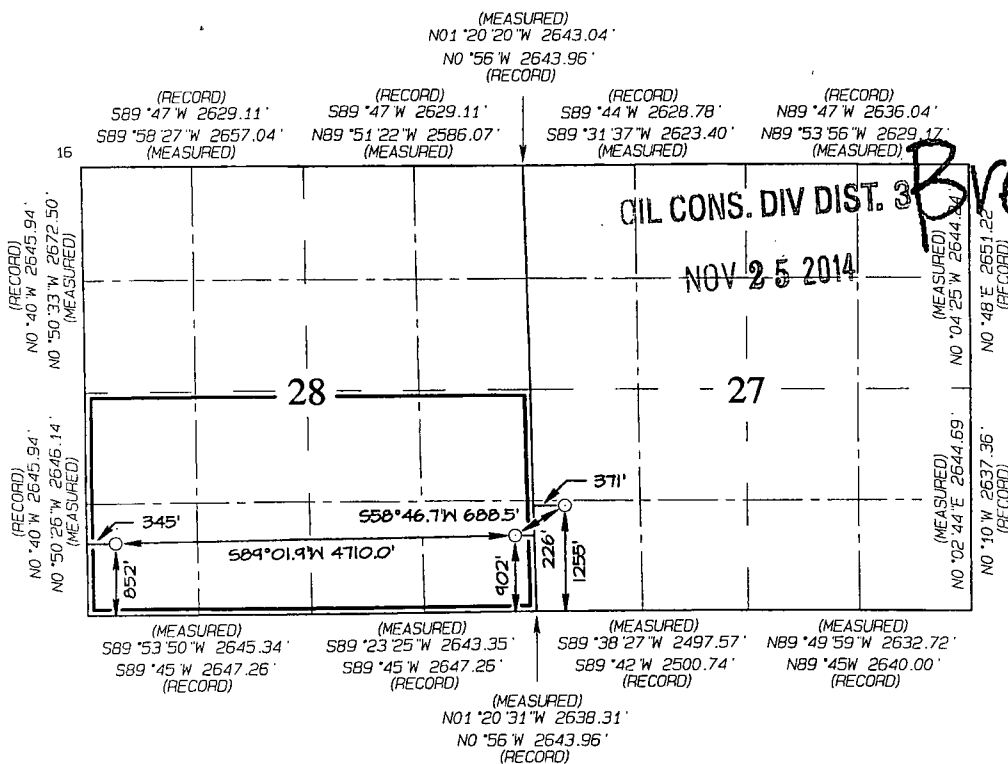
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	24N	9W		1255	SOUTH	371'	WEST	SAN JUAN

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
M	28	24N	9W		852	SOUTH	345	WEST	SAN JUAN

¹² Dedicated Acres 320.0 Acres S/2 Section 28	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13856 9,135.51 Acres
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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



END-OF-LATERAL
852' FSL 345' FWL
SECTION 28, T24N, R9W
LAT: 36.28008°N
LONG: 107.80155°W
DATUM: NAD1927

LAT: 36.28009°N
LONG: 107.80217°W
DATUM: NAD1983

POINT-OF-ENTRY
902' FSL 226' FEL
SECTION 28, T24N, R9W
LAT: 36.28029°N
LONG: 107.78558°W
DATUM: NAD1927

LAT: 36.28030°N
LONG: 107.78619°W
DATUM: NAD1983

SURFACE LOCATION
1255' FSL 371' FWL
SECTION 27, T24N, R9W
LAT: 36.28127°N
LONG: 107.78358°W
DATUM: NAD1927

LAT: 36.28128°N
LONG: 107.78419°W
DATUM: NAD1983

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 interest, or to a voluntary pooling agreement or a compulsory pooling procedure created by the division.

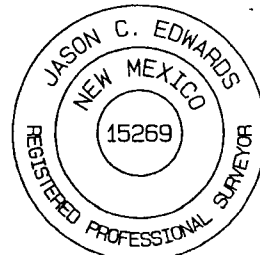
Signature
Brenda R. Linster
Printed Name
Brenda.Linster@encana.com
E-mail Address

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.

Revised Date: NOVEMBER 24, 2014
Date of Survey: JULY 30, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

AV

10
KC

DEVIATION SURVEYS
Nageezi Unit M27-2409 02H
30-045-35479

CONFIDENTIAL

MD (Feet)	Inclination (Degree)
753'	3.30
1069'	1.30
1385'	5.20
1702'	1.90
2018'	1.60
2334'	1.10
2650'	7.40

OIL CONS. DIV DIST. 3

NOV 25 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

Cristi Bauer, Operations Technician

11/24/14

Date

ACKNOWLEDGMENT

State of Colorado
City and County of Denver

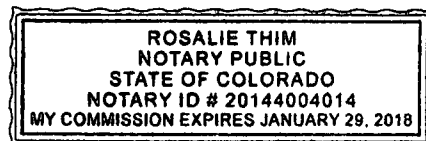
This instrument was acknowledged before me on this *24th* day of *November*, 2014 by Cristi Bauer as Operations Technician of Encana Oil & Gas (USA) Inc., authorized agent for Encana Oil & Gas (USA) Inc., on behalf of said corporation.

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

Notary Public:

Rosalie Thim

My Commission Expires: *1/29/18*



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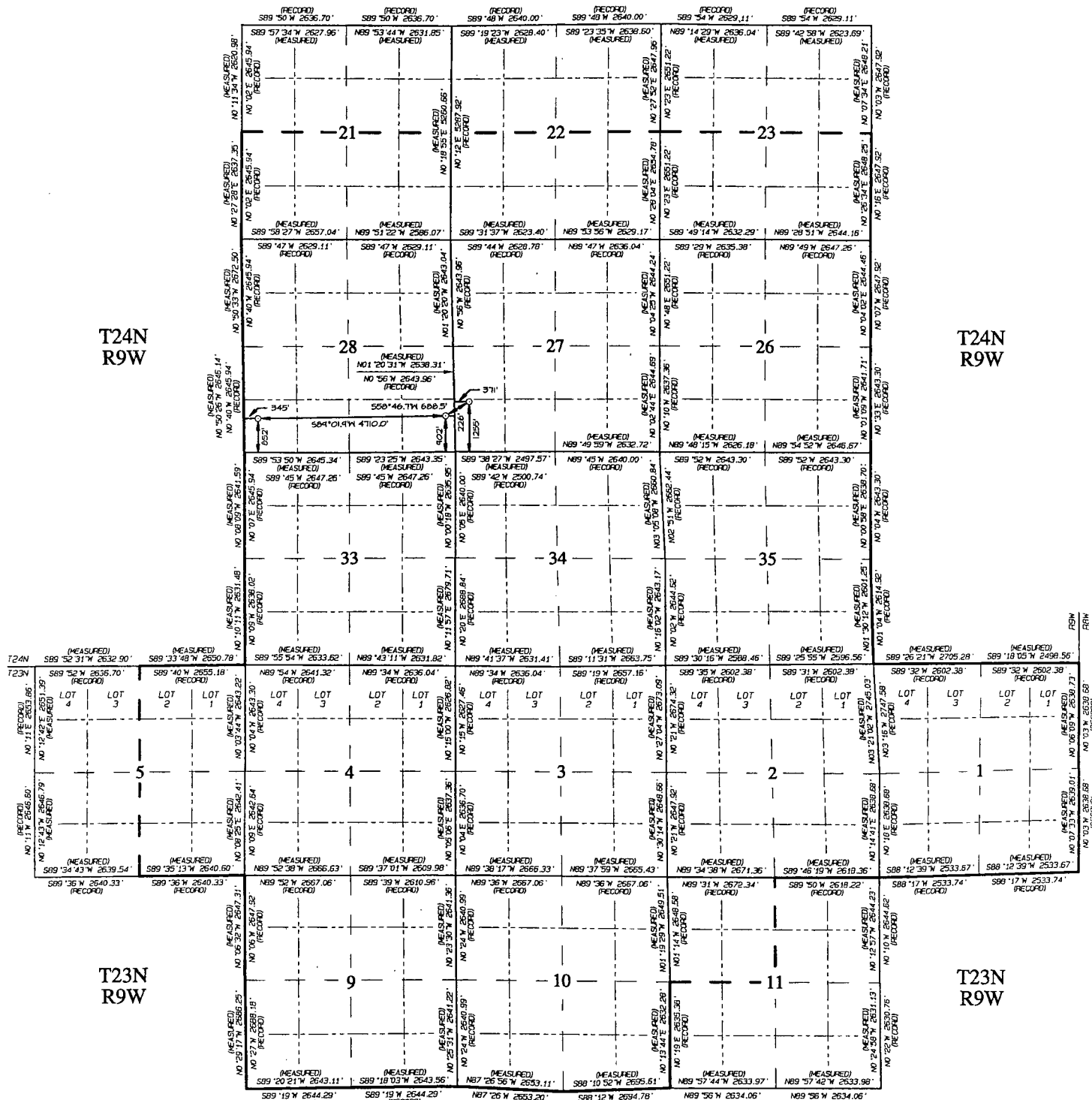
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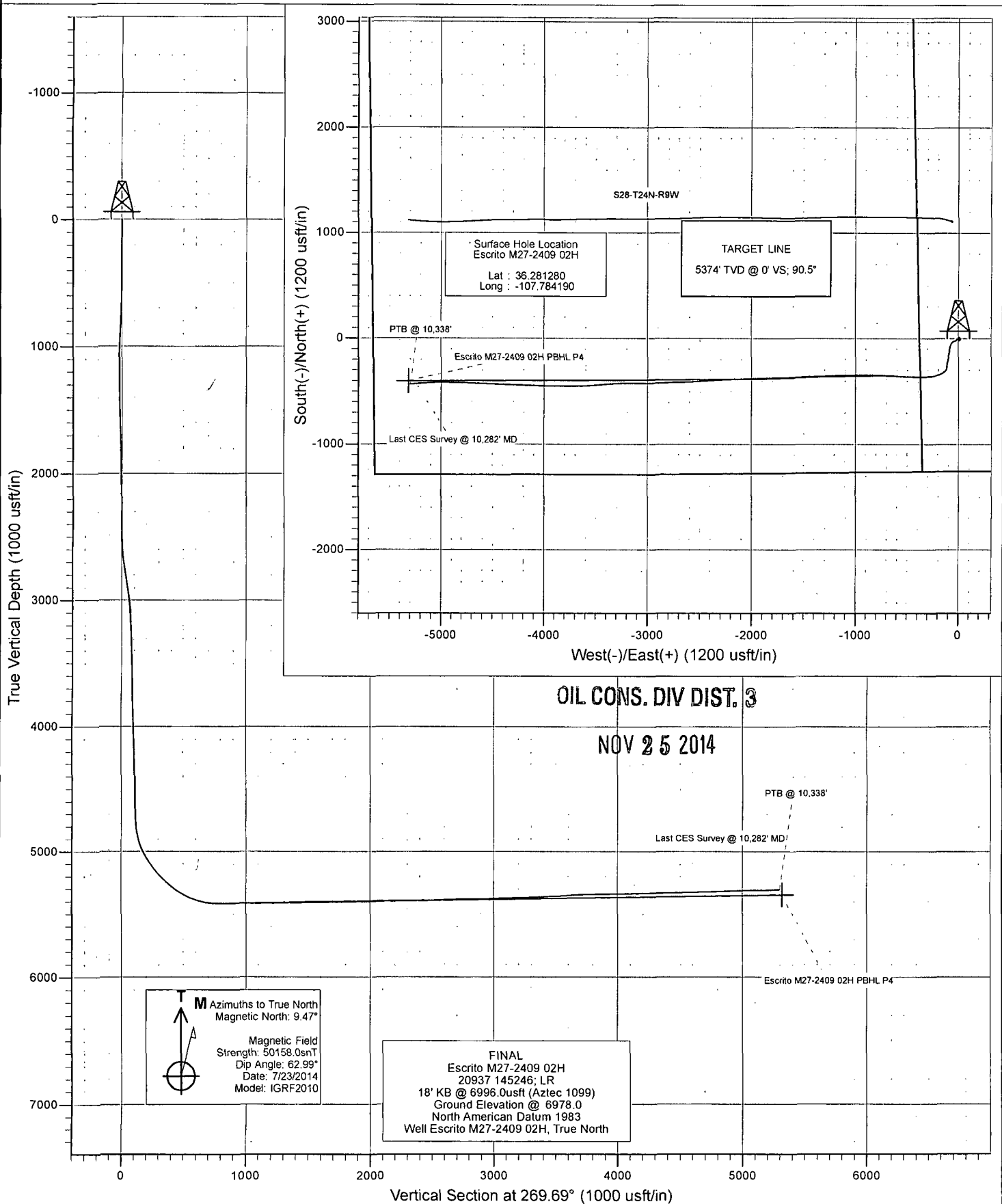
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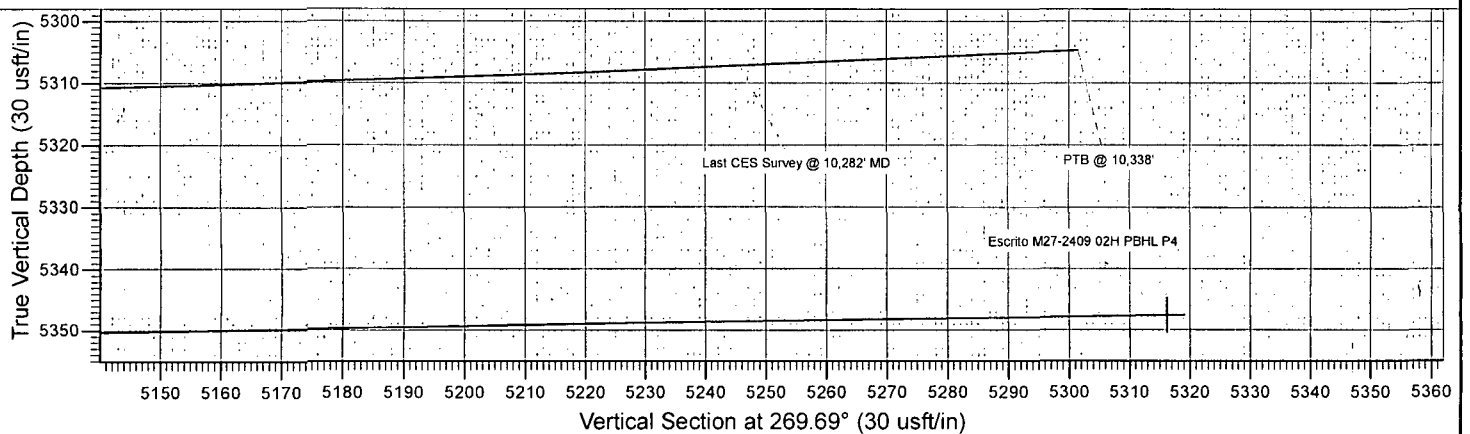
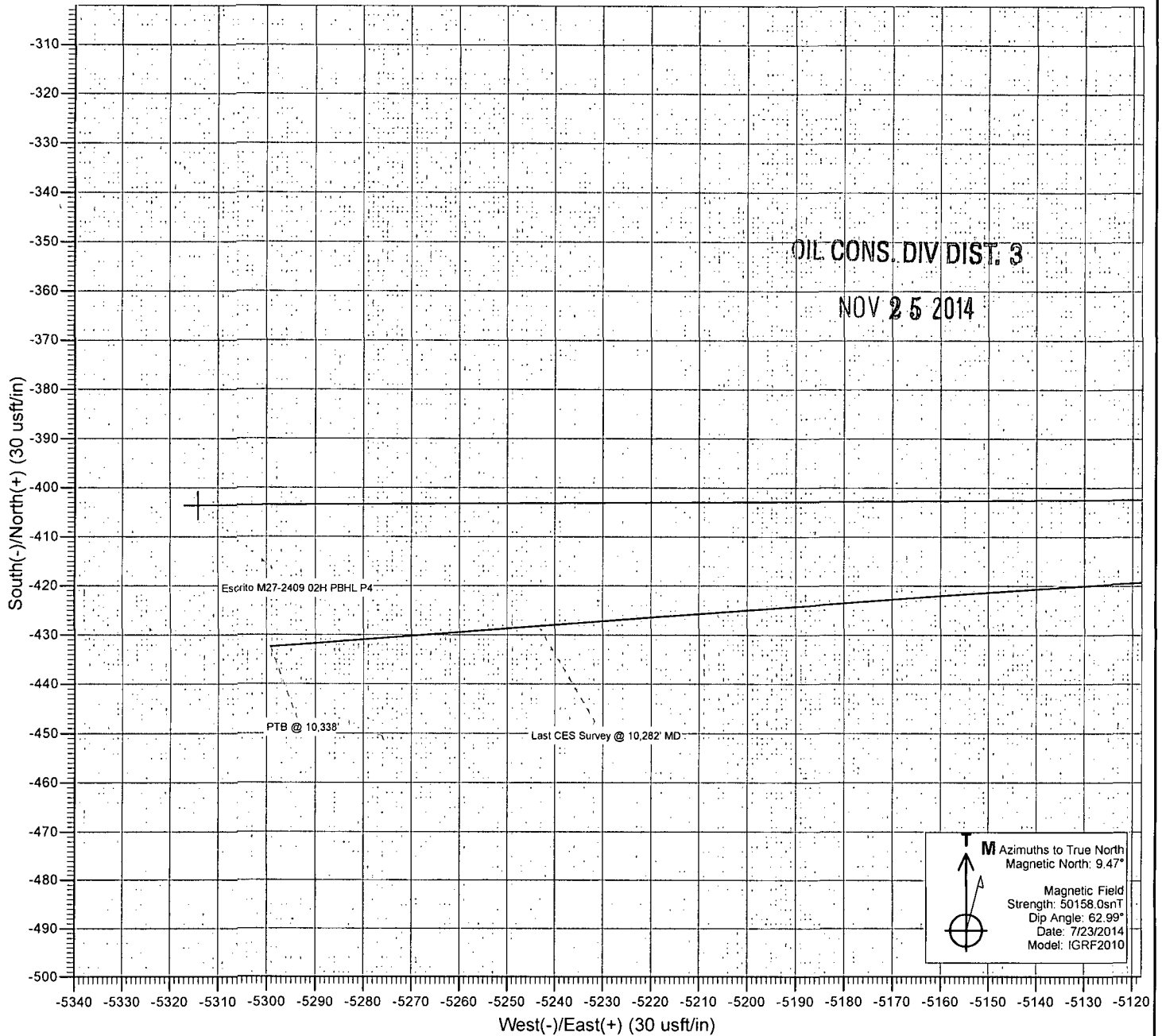


Project: San Juan County, NM
Site: S27-T24N-R9W
Well: Escrito M27-2409 02H
Wellbore: Hz
Design: FINAL





Project: San Juan County, NM
Site: S27-T24N-R9W
Well: Escrito M27-2409 02H
Wellbore: Hz
Design: FINAL



Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito M27-2409 02H
Project:	San Juan County, NM	TVD Reference:	18' KB @ 6996.0usft (Aztec 1099)
Site:	S27-T24N-R9W	MD Reference:	18' KB @ 6996.0usft (Aztec 1099)
Well:	Escrito M27-2409 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		S27-T24N-R9W			
Site Position:		Northing:	1,922,835.50 usft	Latitude:	36.284430
From:	Lat/Long	Easting:	2,737,510.43 usft	Longitude:	-107.784410
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.03 °

Well	Escrito M27-2409 02H					
Well Position	+N/-S	0.0 usft	Northing:	1,921,688.85 usft	Latitude:	36.281280
	+E/-W	0.0 usft	Easting:	2,737,575.85 usft	Longitude:	-107.784190
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	6,978.0 usft

Wellbore	Hz				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/23/2014	9.47	62.99	50,158

Design	FINAL				
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	269.69	

Survey Program	Date 9/18/2014				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
563.0	10,338.0	Survey #1 (Hz)	Geolink 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	
563.0	1.80	172.30	562.9	-8.8	1.2	-1.1	0.32	0.32	
627.0	2.00	161.40	626.9	-10.8	1.7	-1.6	0.64	0.31	
690.0	1.60	169.40	689.8	-12.7	2.2	-2.1	0.75	-0.63	
753.0	3.30	104.00	752.8	-14.0	4.1	-4.0	4.78	2.70	
816.0	4.20	106.10	815.7	-15.1	8.1	-8.0	1.44	1.43	
880.0	3.20	119.20	879.5	-16.6	11.9	-11.8	2.04	-1.56	
943.0	2.80	97.30	942.4	-17.7	15.0	-14.9	1.91	-0.63	
1,006.0	2.00	78.20	1,005.4	-17.7	17.6	-17.5	1.78	-1.27	
1,069.0	1.30	46.90	1,068.4	-16.9	19.2	-19.1	1.77	-1.11	
1,133.0	1.20	35.70	1,132.3	-15.9	20.1	-20.0	0.41	-0.16	
1,196.0	2.20	4.00	1,195.3	-14.2	20.5	-20.5	2.12	1.59	
1,259.0	2.60	6.90	1,258.3	-11.5	20.8	-20.7	0.66	0.63	

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Well:	Escrito M27-2409 02H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	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
1,322.0	4.10	344.90	1,321.2	-7.9	20.4	-20.3	3.09	2.38	
1,385.0	5.20	345.30	1,383.9	-3.0	19.1	-19.1	1.75	1.75	
1,449.0	4.30	336.70	1,447.7	2.0	17.4	-17.4	1.79	-1.41	
1,512.0	4.00	336.70	1,510.6	6.2	15.6	-15.6	0.48	-0.48	
1,575.0	3.30	326.80	1,573.4	9.7	13.7	-13.8	1.49	-1.11	
1,639.0	2.20	289.10	1,637.4	11.7	11.6	-11.6	3.22	-1.72	
1,702.0	1.90	259.80	1,700.3	11.9	9.4	-9.5	1.71	-0.48	
1,765.0	1.90	270.90	1,763.3	11.7	7.3	-7.4	0.58	0.00	
1,828.0	1.40	247.60	1,826.3	11.4	5.6	-5.6	1.31	-0.79	
1,891.0	1.50	222.00	1,889.2	10.5	4.3	-4.4	1.03	0.16	
1,955.0	1.30	213.00	1,953.2	9.3	3.3	-3.4	0.46	-0.31	
2,018.0	1.60	210.00	2,016.2	7.9	2.5	-2.6	0.49	0.48	
2,081.0	1.50	212.20	2,079.2	6.5	1.6	-1.7	0.18	-0.16	
2,144.0	1.80	223.00	2,142.2	5.1	0.5	-0.5	0.68	0.48	
2,207.0	0.90	193.70	2,205.1	3.9	-0.3	0.3	1.76	-1.43	
2,271.0	0.80	164.40	2,269.1	2.9	-0.3	0.3	0.69	-0.16	
2,334.0	1.10	158.50	2,332.1	2.0	0.1	-0.1	0.50	0.48	
2,397.0	1.40	188.70	2,395.1	0.6	0.2	-0.2	1.13	0.48	
2,461.0	2.50	217.30	2,459.1	-1.3	-0.8	0.8	2.24	1.72	
2,524.0	4.40	224.80	2,522.0	-4.1	-3.3	3.3	3.09	3.02	
2,587.0	6.10	228.90	2,584.7	-8.0	-7.6	7.6	2.76	2.70	
2,650.0	7.40	234.60	2,647.3	-12.5	-13.4	13.4	2.32	2.06	
2,714.0	9.20	242.80	2,710.6	-17.3	-21.3	21.4	3.36	2.81	
2,777.0	9.40	245.90	2,772.8	-21.7	-30.5	30.6	0.86	0.32	
2,840.0	9.50	245.10	2,834.9	-26.0	-39.9	40.0	0.26	0.16	
2,904.0	11.00	236.80	2,897.9	-31.5	-49.8	50.0	3.28	2.34	
2,967.0	11.30	230.00	2,959.7	-38.8	-59.5	59.7	2.14	0.48	
3,030.0	9.50	211.50	3,021.7	-47.2	-67.0	67.2	5.99	-2.86	
3,093.0	9.30	203.30	3,083.8	-56.3	-71.7	72.0	2.15	-0.32	
3,156.0	9.50	195.20	3,146.0	-66.0	-75.1	75.5	2.12	0.32	
3,220.0	9.20	194.00	3,209.1	-76.0	-77.7	78.1	0.56	-0.47	
3,283.0	9.10	194.70	3,271.3	-85.7	-80.2	80.7	0.24	-0.16	
3,346.0	8.90	188.20	3,333.6	-95.4	-82.2	82.7	1.64	-0.32	
3,409.0	9.20	187.00	3,395.8	-105.2	-83.5	84.0	0.56	0.48	
3,472.0	9.20	184.40	3,458.0	-115.2	-84.5	85.1	0.66	0.00	
3,536.0	8.30	192.10	3,521.2	-124.9	-85.8	86.5	2.31	-1.41	
3,599.0	8.80	190.70	3,583.5	-134.0	-87.7	88.4	0.86	0.79	
3,662.0	8.70	193.80	3,645.8	-143.4	-89.7	90.5	0.77	-0.16	
3,725.0	8.20	191.90	3,708.1	-152.4	-91.8	92.6	0.91	-0.79	
3,789.0	8.20	193.10	3,771.5	-161.3	-93.7	94.6	0.27	0.00	
3,852.0	8.00	194.20	3,833.8	-170.0	-95.8	96.8	0.40	-0.32	
3,915.0	7.60	195.10	3,896.2	-178.2	-98.0	99.0	0.66	-0.63	
3,978.0	8.20	193.00	3,958.6	-186.6	-100.1	101.1	1.06	0.95	
4,041.0	8.50	188.40	4,021.0	-195.6	-101.8	102.8	1.16	0.48	
4,072.0	7.90	187.90	4,051.7	-200.0	-102.4	103.5	1.95	-1.94	
4,135.0	7.90	193.80	4,114.1	-208.5	-104.0	105.2	1.29	0.00	
4,199.0	8.30	194.70	4,177.4	-217.2	-106.3	107.4	0.66	0.62	
4,262.0	8.00	196.30	4,239.8	-225.8	-108.6	109.9	0.60	-0.48	
4,325.0	8.10	191.50	4,302.2	-234.4	-110.8	112.0	1.08	0.16	
4,388.0	7.50	183.10	4,364.6	-242.8	-111.9	113.2	2.04	-0.95	
4,451.0	7.60	183.60	4,427.0	-251.1	-112.4	113.7	0.19	0.16	
4,515.0	7.40	180.20	4,490.5	-259.4	-112.6	114.0	0.76	-0.31	
4,578.0	6.70	181.50	4,553.0	-267.2	-112.7	114.2	1.14	-1.11	

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4,641.0	7.30	192.80	4,615.5	-274.8	-113.7	115.2	2.38	0.95	
4,705.0	7.40	198.50	4,679.0	-282.6	-115.9	117.5	1.15	0.16	
4,768.0	7.30	193.20	4,741.5	-290.4	-118.1	119.7	1.09	-0.16	
4,831.0	8.80	212.60	4,803.9	-298.3	-121.6	123.3	4.89	2.38	
4,894.0	15.20	232.00	4,865.5	-307.5	-130.8	132.4	11.87	10.16	
4,957.0	21.80	234.00	4,925.2	-319.5	-146.8	148.5	10.52	10.48	
5,021.0	26.50	243.40	4,983.6	-332.9	-169.2	171.0	9.47	7.34	
5,079.0	30.50	253.10	5,034.6	-342.9	-194.8	196.7	10.53	6.90	
5,142.0	34.00	259.20	5,087.9	-350.9	-227.5	229.4	7.58	5.56	
5,205.0	38.00	263.20	5,138.9	-356.5	-264.0	266.0	7.36	6.35	
5,268.0	42.60	266.50	5,186.9	-360.1	-304.6	306.5	8.05	7.30	
5,332.0	46.10	270.20	5,232.7	-361.3	-349.3	351.3	6.80	5.47	
5,395.0	50.40	270.50	5,274.6	-361.0	-396.3	398.2	6.83	6.83	
5,426.0	53.00	271.00	5,293.8	-360.7	-420.6	422.6	8.48	8.39	
5,458.0	55.80	270.80	5,312.4	-360.3	-446.6	448.6	8.76	8.75	
5,490.0	58.50	271.10	5,329.8	-359.9	-473.5	475.4	8.47	8.44	
5,521.0	61.60	271.70	5,345.3	-359.2	-500.4	502.3	10.14	10.00	
5,553.0	64.70	272.20	5,359.7	-358.2	-528.9	530.8	9.79	9.69	
5,584.0	67.50	273.10	5,372.3	-356.9	-557.2	559.1	9.41	9.03	
5,616.0	70.70	273.10	5,383.7	-355.3	-587.0	589.0	10.00	10.00	
5,648.0	73.40	273.50	5,393.6	-353.6	-617.4	619.3	8.52	8.44	
5,686.0	76.90	273.90	5,403.3	-351.2	-654.1	656.0	9.27	9.21	
5,717.0	80.90	272.80	5,409.3	-349.4	-684.4	686.3	13.36	12.90	
5,747.0	83.50	271.90	5,413.3	-348.2	-714.1	716.0	9.16	8.67	
5,778.0	85.60	269.70	5,416.3	-347.8	-745.0	746.9	9.79	6.77	
5,808.0	88.50	268.40	5,417.8	-348.3	-774.9	776.8	10.59	9.67	
5,870.0	91.30	268.20	5,417.9	-350.1	-836.9	838.8	4.53	4.52	
5,931.0	91.70	268.00	5,416.3	-352.1	-897.9	899.7	0.73	0.66	
5,992.0	91.00	268.30	5,414.9	-354.1	-958.8	960.7	1.25	-1.15	
6,053.0	91.60	268.90	5,413.5	-355.6	-1,019.8	1,021.7	1.39	0.98	
6,115.0	91.10	269.50	5,412.1	-356.4	-1,081.7	1,083.7	1.26	-0.81	
6,175.0	90.40	269.20	5,411.3	-357.1	-1,141.7	1,143.6	1.27	-1.17	
6,237.0	91.40	269.70	5,410.3	-357.7	-1,203.7	1,205.6	1.80	1.61	
6,298.0	90.50	269.60	5,409.3	-358.1	-1,264.7	1,266.6	1.48	-1.48	
6,360.0	90.50	268.50	5,408.7	-359.1	-1,326.7	1,328.6	1.77	0.00	
6,421.0	91.30	269.10	5,407.8	-360.4	-1,387.7	1,389.6	1.64	1.31	
6,483.0	91.80	268.60	5,406.1	-361.6	-1,449.6	1,451.6	1.14	0.81	
6,544.0	90.80	267.30	5,404.7	-363.8	-1,510.6	1,512.5	2.69	-1.64	
6,605.0	91.80	267.50	5,403.3	-366.6	-1,571.5	1,573.5	1.67	1.64	
6,667.0	91.10	267.90	5,401.8	-369.1	-1,633.4	1,635.4	1.30	-1.13	
6,727.0	90.30	268.20	5,401.0	-371.1	-1,693.4	1,695.4	1.42	-1.33	
6,789.0	90.80	268.40	5,400.4	-373.0	-1,755.4	1,757.4	0.87	0.81	
6,851.0	89.70	268.00	5,400.2	-374.9	-1,817.3	1,819.3	1.89	-1.77	
6,912.0	90.00	267.80	5,400.3	-377.1	-1,878.3	1,880.3	0.59	0.49	
6,974.0	92.00	269.00	5,399.3	-378.9	-1,940.3	1,942.3	3.76	3.23	
7,035.0	91.80	270.10	5,397.2	-379.3	-2,001.2	2,003.2	1.83	-0.33	
7,098.0	91.50	268.70	5,395.4	-380.0	-2,064.2	2,066.2	2.27	-0.48	
7,162.0	90.10	267.70	5,394.5	-382.0	-2,128.1	2,130.2	2.69	-2.19	
7,225.0	91.00	268.10	5,393.9	-384.3	-2,191.1	2,193.1	1.56	1.43	
7,288.0	90.70	268.40	5,393.0	-386.3	-2,254.1	2,256.1	0.67	-0.48	
7,351.0	89.80	268.00	5,392.7	-388.2	-2,317.0	2,319.1	1.56	-1.43	
7,414.0	89.50	266.10	5,393.1	-391.5	-2,379.9	2,382.0	3.05	-0.48	
7,477.0	90.90	265.60	5,392.9	-396.0	-2,442.8	2,444.9	2.36	2.22	

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito M27-2409 02H
Project:	San Juan County, NM	TVD Reference:	18' KB @ 6996.0usft (Aztec 1099)
Site:	S27-T24N-R9W	MD Reference:	18' KB @ 6996.0usft (Aztec 1099)
Well:	Escrito M27-2409 02H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	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
7,541.0	91.90	265.10	5,391.3	-401.2	-2,506.5	2,508.7	1.75	1.56	
7,604.0	92.70	266.60	5,388.8	-405.8	-2,569.3	2,571.5	2.70	1.27	
7,667.0	92.10	268.80	5,386.1	-408.3	-2,632.2	2,634.4	3.62	-0.95	
7,730.0	92.20	269.40	5,383.8	-409.3	-2,695.2	2,697.3	0.96	0.16	
7,793.0	90.80	268.60	5,382.1	-410.4	-2,758.1	2,760.3	2.56	-2.22	
7,856.0	89.80	267.10	5,381.8	-412.8	-2,821.1	2,823.3	2.86	-1.59	
7,920.0	90.40	266.60	5,381.7	-416.3	-2,885.0	2,887.2	1.22	0.94	
7,983.0	91.40	267.90	5,380.7	-419.3	-2,947.9	2,950.1	2.60	1.59	
8,046.0	92.10	269.70	5,378.8	-420.6	-3,010.9	3,013.1	3.06	1.11	
8,109.0	91.70	270.30	5,376.7	-420.6	-3,073.8	3,076.1	1.14	-0.63	
8,172.0	92.20	270.10	5,374.5	-420.4	-3,136.8	3,139.0	0.85	0.79	
8,236.0	92.60	269.50	5,371.9	-420.6	-3,200.7	3,203.0	1.13	0.62	
8,299.0	91.50	267.40	5,369.6	-422.3	-3,263.7	3,265.9	3.76	-1.75	
8,362.0	92.70	268.00	5,367.3	-424.8	-3,326.6	3,328.8	2.13	1.90	
8,425.0	91.80	265.70	5,364.8	-428.3	-3,389.4	3,391.7	3.92	-1.43	
8,487.0	91.70	263.60	5,362.9	-434.1	-3,451.1	3,453.4	3.39	-0.16	
8,550.0	94.40	264.20	5,359.6	-440.8	-3,513.7	3,516.0	4.39	4.29	
8,614.0	94.90	267.00	5,354.4	-445.7	-3,577.3	3,579.6	4.43	0.78	
8,677.0	93.60	269.20	5,349.7	-447.7	-3,640.0	3,642.4	4.05	-2.06	
8,740.0	91.50	270.60	5,346.9	-447.8	-3,703.0	3,705.3	4.00	-3.33	
8,803.0	91.30	269.80	5,345.4	-447.6	-3,766.0	3,768.3	1.31	-0.32	
8,867.0	91.20	270.70	5,344.0	-447.3	-3,829.9	3,832.3	1.41	-0.16	
8,930.0	91.30	270.50	5,342.6	-446.7	-3,892.9	3,895.3	0.35	0.16	
8,993.0	92.10	270.40	5,340.7	-446.2	-3,955.9	3,958.3	1.28	1.27	
9,056.0	90.90	271.70	5,339.1	-445.0	-4,018.9	4,021.2	2.81	-1.90	
9,119.0	90.50	271.70	5,338.3	-443.2	-4,081.8	4,084.2	0.63	-0.63	
9,183.0	91.20	271.20	5,337.4	-441.6	-4,145.8	4,148.1	1.34	1.09	
9,246.0	91.80	270.70	5,335.7	-440.5	-4,208.8	4,211.1	1.24	0.95	
9,309.0	90.80	272.40	5,334.3	-438.8	-4,271.7	4,274.0	3.13	-1.59	
9,372.0	91.10	272.40	5,333.3	-436.2	-4,334.7	4,337.0	0.48	0.48	
9,435.0	92.00	272.10	5,331.5	-433.7	-4,397.6	4,399.9	1.51	1.43	
9,498.0	90.60	272.40	5,330.1	-431.2	-4,460.5	4,462.8	2.27	-2.22	
9,562.0	90.40	272.20	5,329.6	-428.7	-4,524.5	4,526.7	0.44	-0.31	
9,625.0	91.30	272.00	5,328.6	-426.3	-4,587.4	4,589.7	1.46	1.43	
9,688.0	92.20	272.30	5,326.7	-424.0	-4,650.3	4,652.6	1.51	1.43	
9,751.0	92.80	272.20	5,324.0	-421.5	-4,713.2	4,715.4	0.97	0.95	
9,814.0	92.10	272.50	5,321.3	-418.9	-4,776.1	4,778.3	1.21	-1.11	
9,877.0	91.40	271.10	5,319.3	-417.0	-4,839.1	4,841.2	2.48	-1.11	
9,941.0	91.40	271.40	5,317.8	-415.6	-4,903.0	4,905.2	0.47	0.00	
10,004.0	92.20	270.00	5,315.8	-414.8	-4,966.0	4,968.2	2.56	1.27	
10,067.0	91.80	268.60	5,313.6	-415.6	-5,028.9	5,031.1	2.31	-0.63	
10,130.0	91.50	267.20	5,311.8	-417.9	-5,091.9	5,094.1	2.27	-0.48	
10,194.0	91.10	265.90	5,310.3	-421.7	-5,155.7	5,157.9	2.12	-0.62	
10,257.0	92.60	265.70	5,308.3	-426.3	-5,218.5	5,220.8	2.40	2.38	
10,282.0	92.60	265.70	5,307.2	-428.2	-5,243.4	5,245.7	0.00	0.00	Last CES Survey @ 10,282' MD
10,338.0	92.60	265.70	5,304.6	-432.4	-5,299.2	5,301.5	0.00	0.00	PTB @ 10,338'

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Escrito M27-2409 02H
Project:	San Juan County, NM	TVD Reference:	18' KB @ 6996.0usft (Aztec 1099)
Site:	S27-T24N-R9W	MD Reference:	18' KB @ 6996.0usft (Aztec 1099)
Well:	Escrito M27-2409 02H	North Reference:	True
Wellbore:	HZ	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

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 M27-2409 02H P	0.00	0.00	5,347.5	-403.6	-5,314.1	1,921,282.58	2,732,261.94	36.280170	-107.802220
- survey misses target center by 53.8usft at 10338.0usft MD (5304.6 TVD, -432.4 N, -5299.2 E)									
- Point									
Escrito M27-2409 02H P	0.00	0.00	5,367.9	-378.6	-692.6	1,921,309.93	2,736,883.41	36.280240	-107.786540
- survey misses target center by 51.3usft at 5715.4usft MD (5409.0 TVD, -349.5 N, -682.9 E)									
- Point									
Escrito M27-2409 02H P	0.00	0.00	5,327.6	-403.6	-5,314.1	1,921,282.58	2,732,261.94	36.280170	-107.802220
- survey misses target center by 39.8usft at 10338.0usft MD (5304.6 TVD, -432.4 N, -5299.2 E)									
- Point									
Escrito M27-2409 02H P	0.00	0.00	5,393.9	-378.6	-692.6	1,921,309.93	2,736,883.41	36.280240	-107.786540
- survey misses target center by 33.7usft at 5721.8usft MD (5410.0 TVD, -349.2 N, -689.2 E)									
- Point									
Escrito M27-2409 02H P	0.00	0.00	5,304.3	-403.6	-5,314.1	1,921,282.58	2,732,261.94	36.280170	-107.802220
- survey misses target center by 32.4usft at 10338.0usft MD (5304.6 TVD, -432.4 N, -5299.2 E)									
- Point									
Escrito M27-2409 02H P	0.00	0.00	5,420.1	-378.6	-692.6	1,921,309.93	2,736,883.41	36.280240	-107.786540
- survey misses target center by 31.1usft at 5725.4usft MD (5410.5 TVD, -349.0 N, -692.7 E)									
- Point									
Escrito M27-2409 02H P	0.00	0.00	5,353.6	-403.6	-5,314.1	1,921,282.58	2,732,261.94	36.280170	-107.802220
- survey misses target center by 58.8usft at 10338.0usft MD (5304.6 TVD, -432.4 N, -5299.2 E)									
- Point									
Escrito M27-2409 02H P	0.00	0.00	5,352.7	-378.6	-692.6	1,921,309.93	2,736,883.41	36.280240	-107.786540
- survey misses target center by 64.2usft at 5712.5usft MD (5408.5 TVD, -349.6 N, -680.0 E)									
- Point									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,282.0	5,307.2	-428.2	-5,243.4	Last CES Survey @ 10,282' MD
10,338.0	5,304.6	-432.4	-5,299.2	PTB @ 10,338'

Checked By: _____ Approved By: _____ Date: _____