

DISTRICT I

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

DISTRICT II

811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III

1000 Rio Brazos Rd., Aztec, N.M. 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

Form C-102
Revised August 1, 2011

OIL CONSERVATION DIVISION

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

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

☒ AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21207	² Pool Code 13379	³ Pool Name COUNSELORS GALLUP-DAKOTA
⁴ Property Code 313261	⁵ Property Name GALLO CANYON UNIT P26-2306	⁶ Well Number 01H
⁷ OGRID No. 282327	⁸ Operator Name ENCANA OIL & GAS (USA) INC.	⁹ Elevation 6867.3'

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	26	23N	6W		249'	SOUTH	969'	EAST	SANDOVAL

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
O	36	23N	6W		279'	SOUTH	2537'	EAST	SANDOVAL

¹² Dedicated Acres 5,120 Acres Sec. 22-26, 34-36 - Undivided Unit Penetrated Spacing Units; S/2 & NW Sec. 36; NE Sec. 35 - 640 Acres	PROJECT AREA	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13718-A - 5,120 ACRES (COMMITTED)
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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

16

OIL CONS. DIV DIST.

MAY 21 2015

26

35

36

POINT OF ENTRY
LAT. 36.187142° N (NAD83)
LONG. 107.433531° W (NAD83)
LAT. 36.187127° N (NAD27)
LONG. 107.432927° W (NAD27)

BOTTOM HOLE
LAT. 36.174892° N (NAD83)
LONG. 107.419678° W (NAD83)
LAT. 36.174877° N (NAD27)
LONG. 107.419075° W (NAD27)

BASIS OF BEARINGS
N 0° 08' 36" W 533.82'
S 42° 25' 35" W 965.85'
N 89° 19' W 5243.04' (R)
N 89° 32' 07" W 5245.35' (M)
S 42° 25' 35" W 965.85'
N 0° 10' W 5297.82' (R)
N 0° 23' 33" W 5298.74' (M)
N 89° 20' W 5255.58' (R)
N 89° 33' 48" W 5257.78' (M)
N 89° 03' 25" W 5239.72' (M)
N 88° 52' W 5239.08' (R)

WH 969'
POE 1373'
BH 2537'

HORIZONTAL DRILL 6049.29'

FND 4" BC
BLM 1948

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.

Katie Wegner 05/06/15
Signature Date

Katie Wegner
Printed Name

katie.wegner@encana.com
E-mail Address

SURVEYOR CERTIFICATION

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

APRIL 8, 2015

Date of Survey

Signature and Seal of Professional Surveyor:

HENRY P. BROADHURST
NEW MEXICO
11393
05/07/2015
PROFESSIONAL SURVEYOR

19

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OIL CONSERVATION DIVISION

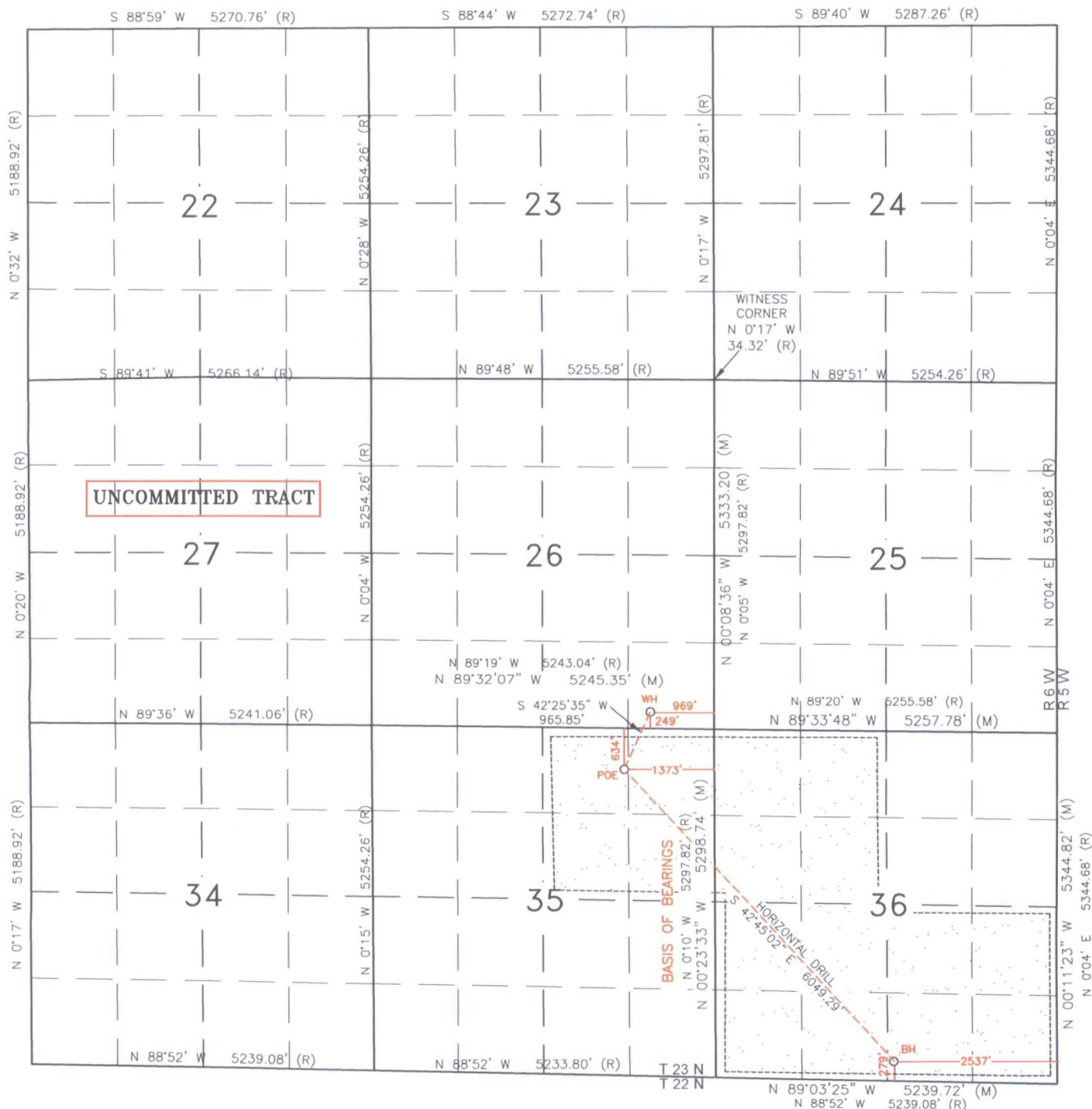
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

☒ AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

ENCANA OIL & GAS (USA) INC.
GALLO CANYON UNIT P26-2306 01H

**WELL FLAG**

LAT. 36.189553° N (NAD83)
LONG. 107.432164° W (NAD83)
LAT. 36.189539° N (NAD27)
LONG. 107.431560° W (NAD27)

POINT OF ENTRY

LAT. 36.187142° N (NAD83)
LONG. 107.433531° W (NAD83)
LAT. 36.187127° N (NAD27)
LONG. 107.432927° W (NAD27)

BOTTOM HOLE

LAT. 36.174892° N (NAD83)
LONG. 107.419678° W (NAD83)
LAT. 36.174877° N (NAD27)
LONG. 107.419075° W (NAD27)

CONFIDENTIAL

DEVIATION SURVEYS
Gallo Canyon Unit P26-2306 01H
30-043-21207

MD (Feet)	Inclination (Degree)
336'	0.60
596'	0.60
912'	0.80
1227'	1.20
1543'	0.40
1859'	0.70
2175'	0.30
2481'	0.10
2784'	0.70
3086'	2.00
3389'	7.30

OIL CONS. DIV DIST. 3

MAY 21 2015

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, Regulatory Analyst

5/19/15

Date

ACKNOWLEDGMENT

State of Colorado

City and County of Denver

This instrument was acknowledged before me on this 19th day of May, 2015 by Cristi Bauer as Regulatory Analyst of Encana Oil & Gas (USA) Inc., authorized agent for Encana Oil & Gas (USA) Inc., on behalf of said corporation.

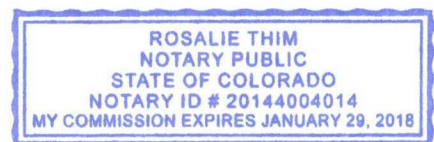
In witness whereof, I hereunto set my hand and official seal.

Notary Public:

Rosalie Thim

My Commission Expires:

1/29/18



Conductor; 24; 60.0
Conductor; 0.00 in; 60.0 ftKB

Surface; 12 1/4; 534.0
Surface; 9 5/8 in; J-55; 14.0-525.0 ftKB
Surface Casing Cement; 14.0-525.0; Cement
Intermediate; 8 3/4; 5,573.0

Intermediate 1; 7 in; J-55; 14.0-5,412.0 ftKB
Intermediate 1 Casing Cement; 14.0-5,412.0; Cement

Perforated; 5,790.0-5,968.0; 04/16/2015

Perforated; 6,029.0-6,205.0; 04/17/2015

Perforated; 6,264.0-6,439.0; 04/17/2015

Perforated; 6,496.0-6,673.0; 04/17/2015

Perforated; 6,908.0-6,732.0; 04/16/2015

Perforated; 6,966.0-7,142.0; 04/16/2015

Perforated; 7,201.0-7,390.0; 04/16/2015

Perforated; 7,435.0-7,610.0; 04/15/2015

Perforated; 7,669.0-7,843.0; 04/15/2015

Perforated; 7,903.0-8,079.0; 04/15/2015

Perforated; 8,138.0-8,313.0; 04/14/2015

Perforated; 8,369.0-8,543.0; 04/14/2015

Perforated; 8,606.0-8,782.0; 04/14/2015

Production; 6 1/8; 11,846.0

Perforated; 8,840.0-9,016.0; 04/13/2015

Perforated; 9,079.0-9,250.0; 04/13/2015

Perforated; 9,309.0-9,484.0; 04/12/2015

Perforated; 9,543.0-9,719.0; 04/12/2015

Perforated; 9,777.0-9,956.0; 04/11/2015

Perforated; 10,012.0-10,187.0; 04/11/2015

Perforated; 10,246.0-10,421.0; 04/10/2015

Perforated; 10,480.0-10,656.0; 04/10/2015

Perforated; 10,714.0-10,890.0; 04/09/2015

Perforated; 10,949.0-11,124.0; 04/09/2015

Perforated; 11,183.0-11,358.0; 04/08/2015

Perforated; 11,417.0-11,593.0; 04/08/2015

Perforated; 11,637.0-11,817.0; 01/25/2015

Production Liner Casing Cement; 5,311.0-11,842.0; Cement

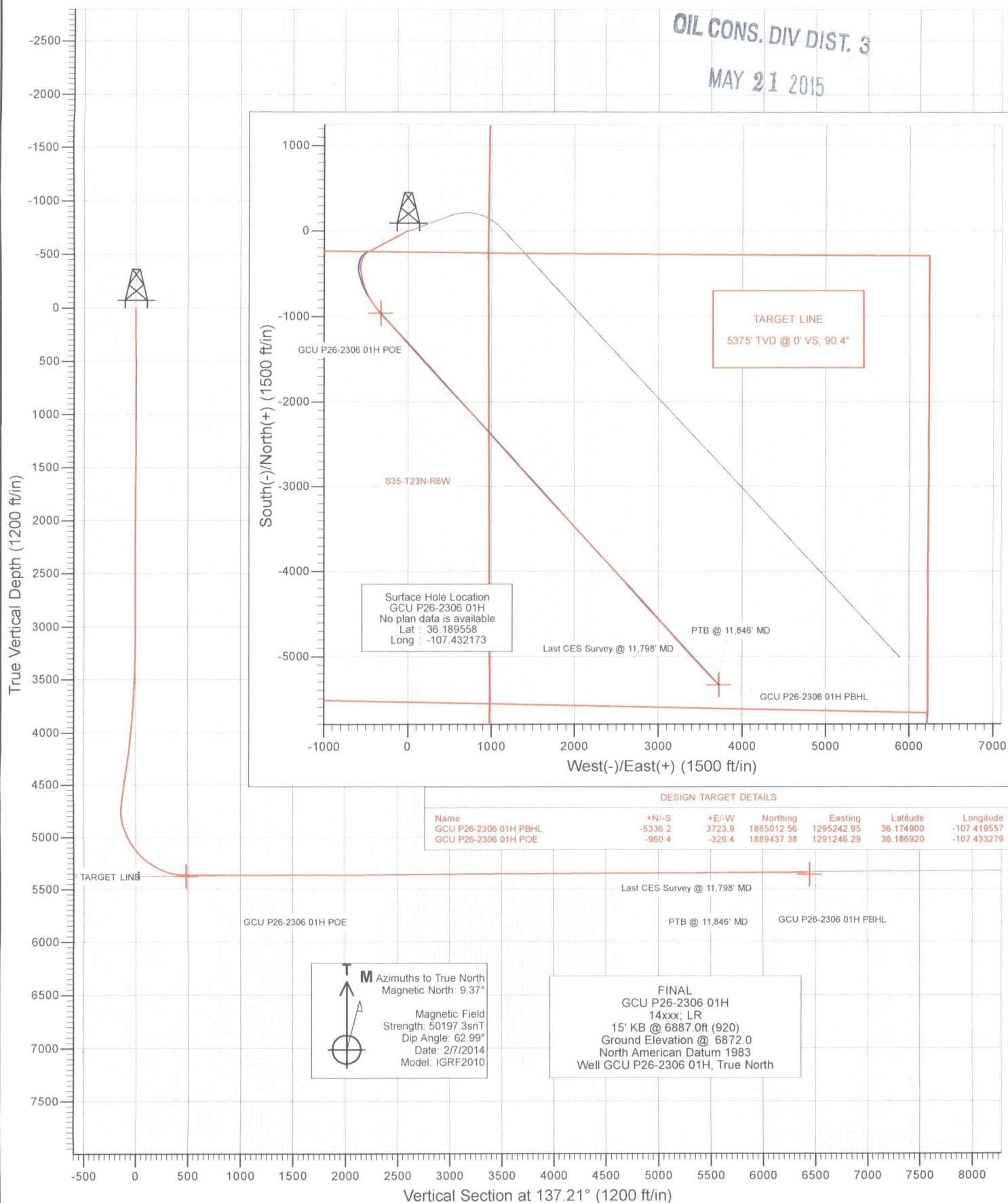
Production Liner; 4 1/2 in; S-80; 5,311.3-11,842.0 ftKB

TD - Original Hole; 11,846.0

Gallo Canyon Unit P26-2306 01H

API: 30-043-21207

OIL CONS. DIV DIST. 3
MAY 21 2015



HP
Survey Report

MAY 21 2015

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 Multi Users DB

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

Site	S26-T23N-R6W				
Site Position:		Northing:	1,890,393.73 ft	Latitude:	36.189558
From:	Lat/Long	Easting:	1,291,584.38 ft	Longitude:	-107.432173
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	-0.70 °

Well	GCU P26-2306 01H					
Well Position	+N/-S	0.0 ft	Northing:	1,890,393.73 ft	Latitude:	36.189558
	+E/-W	0.0 ft	Easting:	1,291,584.38 ft	Longitude:	-107.432173
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,872.0 ft

Wellbore	Hz				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/7/2014	9.37	62.99	50,197

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	137.21

Survey Program		Date	1/5/2015		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
147.0	11,846.0	Survey #1 (Hz)	Geolink MWD	Geolink MWD	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
147.0	0.60	83.50	147.0	0.1	0.8	0.5	0.41	0.41	
210.0	0.30	83.70	210.0	0.1	1.3	0.7	0.48	-0.48	
273.0	0.80	99.30	273.0	0.1	1.9	1.2	0.82	0.79	
336.0	0.60	123.10	336.0	-0.2	2.6	1.9	0.55	-0.32	
399.0	0.60	120.90	399.0	-0.5	3.1	2.5	0.04	0.00	
463.0	0.50	127.30	463.0	-0.9	3.6	3.1	0.18	-0.16	
477.0	0.80	140.60	477.0	-1.0	3.7	3.3	2.38	2.14	
532.0	0.70	186.60	532.0	-1.6	3.9	3.9	1.08	-0.18	
596.0	0.60	178.50	596.0	-2.3	3.9	4.4	0.21	-0.16	
659.0	0.40	189.10	659.0	-2.9	3.9	4.7	0.35	-0.32	
722.0	0.60	206.80	722.0	-3.4	3.7	5.0	0.40	0.32	
785.0	0.70	210.20	785.0	-4.0	3.4	5.2	0.17	0.16	

HP

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 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
849.0	0.70	220.30	849.0	-4.6	2.9	5.4	0.19	0.00	
912.0	0.80	235.30	912.0	-5.2	2.3	5.4	0.35	0.16	
975.0	0.80	235.90	974.9	-5.7	1.6	5.2	0.01	0.00	
1,038.0	0.90	228.30	1,037.9	-6.3	0.8	5.2	0.24	0.16	
1,101.0	1.00	309.70	1,100.9	-6.2	0.0	4.6	1.97	0.16	
1,164.0	1.50	328.00	1,163.9	-5.2	-0.8	3.3	1.01	0.79	
1,227.0	1.20	320.80	1,226.9	-4.0	-1.7	1.8	0.55	-0.48	
1,291.0	0.50	329.30	1,290.9	-3.2	-2.2	0.8	1.11	-1.09	
1,354.0	0.20	347.50	1,353.9	-2.9	-2.4	0.5	0.50	-0.48	
1,417.0	0.40	337.70	1,416.9	-2.6	-2.5	0.2	0.33	0.32	
1,480.0	0.30	313.40	1,479.9	-2.2	-2.7	-0.2	0.28	-0.16	
1,543.0	0.40	333.40	1,542.9	-1.9	-2.9	-0.6	0.25	0.16	
1,607.0	0.40	348.30	1,606.9	-1.5	-3.1	-1.0	0.16	0.00	
1,670.0	0.70	314.90	1,669.9	-1.0	-3.4	-1.5	0.68	0.48	
1,733.0	0.50	305.60	1,732.9	-0.6	-3.9	-2.2	0.35	-0.32	
1,796.0	0.60	300.70	1,795.9	-0.3	-4.4	-2.8	0.18	0.16	
1,859.0	0.70	300.70	1,858.9	0.1	-5.0	-3.5	0.16	0.16	
1,923.0	0.70	300.90	1,922.9	0.5	-5.7	-4.2	0.00	0.00	
1,986.0	0.40	32.50	1,985.9	0.9	-5.9	-4.6	1.30	-0.48	
2,049.0	0.30	16.00	2,048.9	1.2	-5.7	-4.8	0.22	-0.16	
2,112.0	0.30	18.00	2,111.9	1.5	-5.6	-5.0	0.02	0.00	
2,175.0	0.30	2.90	2,174.9	1.9	-5.6	-5.1	0.13	0.00	
2,236.0	0.20	28.70	2,235.9	2.1	-5.5	-5.3	0.24	-0.16	
2,296.0	0.10	70.10	2,295.9	2.2	-5.4	-5.3	0.24	-0.17	
2,356.0	0.10	99.30	2,355.9	2.2	-5.3	-5.2	0.08	0.00	
2,420.0	0.10	177.80	2,419.9	2.2	-5.3	-5.2	0.20	0.00	
2,481.0	0.10	271.60	2,480.9	2.1	-5.3	-5.2	0.24	0.00	
2,541.0	0.20	256.90	2,540.9	2.1	-5.5	-5.2	0.18	0.17	
2,602.0	0.20	232.80	2,601.9	2.0	-5.6	-5.3	0.14	0.00	
2,662.0	0.40	87.20	2,661.9	2.0	-5.5	-5.2	0.96	0.33	
2,723.0	0.90	82.30	2,722.9	2.0	-4.8	-4.8	0.82	0.82	
2,784.0	0.70	81.30	2,783.9	2.1	-4.0	-4.3	0.33	-0.33	
2,844.0	0.60	87.40	2,843.9	2.2	-3.3	-3.9	0.20	-0.17	
2,905.0	0.50	92.90	2,904.9	2.2	-2.7	-3.5	0.19	-0.16	
2,965.0	0.20	74.70	2,964.9	2.2	-2.4	-3.2	0.53	-0.50	
3,026.0	1.30	226.30	3,025.8	1.8	-2.8	-3.2	2.42	1.80	
3,086.0	2.00	234.70	3,085.8	0.7	-4.1	-3.3	1.23	1.17	
3,147.0	3.50	237.50	3,146.7	-0.9	-6.5	-3.8	2.47	2.46	
3,207.0	4.70	241.00	3,206.6	-3.1	-10.2	-4.7	2.04	2.00	
3,267.0	6.10	243.50	3,266.3	-5.7	-15.2	-6.2	2.37	2.33	
3,328.0	6.30	242.40	3,327.0	-8.7	-21.1	-8.0	0.38	0.33	
3,389.0	7.30	237.20	3,387.5	-12.3	-27.3	-9.5	1.92	1.64	
3,449.0	8.90	232.00	3,446.9	-17.3	-34.2	-10.6	2.93	2.67	
3,511.0	10.30	235.50	3,508.1	-23.4	-42.5	-11.8	2.45	2.26	
3,571.0	10.90	240.10	3,567.0	-29.2	-51.9	-13.8	1.73	1.00	
3,631.0	12.00	243.00	3,625.9	-34.9	-62.4	-16.8	2.07	1.83	
3,692.0	13.90	242.40	3,685.3	-41.2	-74.5	-20.4	3.12	3.11	
3,753.0	15.50	242.20	3,744.3	-48.4	-88.2	-24.4	2.62	2.62	
3,815.0	16.60	242.30	3,803.9	-56.3	-103.4	-28.9	1.77	1.77	
3,875.0	17.80	242.20	3,861.2	-64.6	-119.1	-33.5	2.00	2.00	
3,936.0	18.80	243.80	3,919.1	-73.3	-136.1	-38.7	1.83	1.64	
3,997.0	20.00	244.00	3,976.7	-82.2	-154.3	-44.5	1.97	1.97	
4,058.0	20.70	242.60	4,033.8	-91.7	-173.3	-50.4	1.40	1.15	

HP

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 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
4,118.0	21.10	241.80	4,089.9	-101.7	-192.2	-55.9	0.82	0.67	
4,178.0	24.20	243.30	4,145.3	-112.3	-212.7	-62.1	5.26	5.17	
4,240.0	26.50	243.70	4,201.3	-124.2	-236.5	-69.5	3.72	3.71	
4,300.0	28.00	242.90	4,254.6	-136.5	-261.0	-77.1	2.57	2.50	
4,360.0	28.20	241.90	4,307.6	-149.6	-286.1	-84.5	0.85	0.33	
4,421.0	27.40	242.20	4,361.5	-163.0	-311.2	-91.8	1.33	-1.31	
4,482.0	28.40	242.50	4,415.4	-176.2	-336.5	-99.3	1.66	1.64	
4,543.0	29.70	242.20	4,468.8	-190.0	-362.7	-107.0	2.14	2.13	
4,603.0	29.50	242.80	4,520.9	-203.6	-389.0	-114.8	0.60	-0.33	
4,666.0	28.30	242.00	4,576.1	-217.7	-416.0	-122.8	2.00	-1.90	
4,730.0	29.10	242.40	4,632.2	-232.1	-443.2	-130.8	1.29	1.25	
4,761.0	29.80	242.10	4,659.2	-239.2	-456.7	-134.7	2.31	2.26	
4,793.0	30.80	241.40	4,686.8	-246.8	-470.9	-138.8	3.31	3.12	
4,824.0	31.80	237.10	4,713.3	-255.1	-484.7	-142.1	7.89	3.23	
4,856.0	32.70	230.50	4,740.4	-265.1	-498.5	-144.1	11.35	2.81	
4,888.0	33.10	223.90	4,767.3	-276.9	-511.2	-144.0	11.27	1.25	
4,919.0	33.20	218.50	4,793.2	-289.7	-522.4	-142.3	9.53	0.32	
4,951.0	33.40	213.40	4,820.0	-303.9	-532.7	-138.8	8.77	0.62	
4,983.0	32.60	208.40	4,846.8	-318.8	-541.6	-134.0	8.87	-2.50	
5,014.0	31.80	203.20	4,873.1	-333.7	-548.8	-127.9	9.30	-2.58	
5,046.0	31.20	197.40	4,900.4	-349.3	-554.6	-120.4	9.65	-1.87	
5,077.0	32.10	192.30	4,926.7	-365.1	-558.8	-111.7	9.11	2.90	
5,109.0	33.60	188.80	4,953.6	-382.1	-561.9	-101.3	7.56	4.69	
5,140.0	34.90	186.10	4,979.3	-399.4	-564.2	-90.1	6.45	4.19	
5,172.0	35.80	183.00	5,005.4	-417.9	-565.6	-77.6	6.27	2.81	
5,204.0	36.70	179.20	5,031.2	-436.8	-566.0	-64.0	7.56	2.81	
5,235.0	37.70	174.90	5,055.9	-455.5	-565.0	-49.6	8.98	3.23	
5,267.0	39.50	172.70	5,080.9	-475.3	-562.9	-33.5	7.07	5.62	
5,298.0	41.70	172.40	5,104.4	-495.3	-560.3	-17.1	7.12	7.10	
5,330.0	44.30	171.20	5,127.8	-516.9	-557.1	0.9	8.52	8.12	
5,361.0	46.20	168.80	5,149.6	-538.6	-553.3	19.4	8.23	6.13	
5,393.0	48.30	165.10	5,171.4	-561.5	-548.0	39.8	10.73	6.56	
5,424.0	50.70	164.00	5,191.5	-584.2	-541.7	60.7	8.20	7.74	
5,456.0	53.30	162.50	5,211.2	-608.3	-534.4	83.4	8.92	8.12	
5,488.0	56.00	161.10	5,229.7	-633.1	-526.3	107.1	9.16	8.44	
5,523.0	57.10	162.60	5,249.0	-660.9	-517.2	133.7	4.76	3.14	
5,554.0	58.60	159.40	5,265.5	-685.7	-508.6	157.7	9.99	4.84	
5,586.0	60.40	157.10	5,281.7	-711.3	-498.4	183.4	8.37	5.62	
5,618.0	63.30	153.40	5,296.8	-736.9	-486.6	210.2	13.64	9.06	
5,649.0	66.50	152.30	5,310.0	-761.9	-473.8	237.3	10.81	10.32	
5,681.0	69.00	149.20	5,322.1	-787.7	-459.3	266.0	11.89	7.81	
5,713.0	71.80	149.40	5,332.8	-813.6	-443.9	295.5	8.77	8.75	
5,744.0	75.00	147.20	5,341.7	-838.9	-428.3	324.7	12.37	10.33	
5,776.0	77.90	143.60	5,349.2	-864.5	-410.7	355.4	14.20	9.06	
5,807.0	81.50	141.90	5,354.7	-888.8	-392.2	385.8	12.80	11.61	
5,839.0	84.20	142.00	5,358.7	-913.8	-372.6	417.4	8.44	8.44	
5,871.0	86.30	140.40	5,361.4	-938.6	-352.6	449.2	8.24	6.56	
5,902.0	88.20	138.10	5,362.9	-962.1	-332.4	480.2	9.62	6.13	
5,965.0	90.60	136.40	5,363.5	-1,008.3	-289.7	543.2	4.67	3.81	
6,029.0	89.90	135.90	5,363.2	-1,054.5	-245.3	607.2	1.34	-1.09	
6,092.0	89.80	137.90	5,363.4	-1,100.5	-202.3	670.2	3.18	-0.16	
6,155.0	90.00	137.00	5,363.5	-1,146.9	-159.7	733.2	1.46	0.32	
6,219.0	90.20	136.00	5,363.4	-1,193.3	-115.6	797.1	1.59	0.31	

HP

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 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
6,282.0	89.50	139.30	5,363.6	-1,239.9	-73.2	860.1	5.35	-1.11	
6,345.0	89.90	139.50	5,363.9	-1,287.7	-32.2	923.1	0.71	0.63	
6,408.0	89.90	137.50	5,364.0	-1,334.9	9.5	986.1	3.17	0.00	
6,472.0	90.10	137.50	5,364.0	-1,382.1	52.8	1,050.1	0.31	0.31	
6,535.0	90.30	136.80	5,363.8	-1,428.2	95.6	1,113.1	1.16	0.32	
6,598.0	90.60	137.40	5,363.3	-1,474.4	138.5	1,176.1	1.06	0.48	
6,661.0	89.80	138.00	5,363.1	-1,521.0	180.9	1,239.1	1.59	-1.27	
6,724.0	89.60	137.60	5,363.4	-1,567.7	223.2	1,302.1	0.71	-0.32	
6,788.0	89.40	137.40	5,364.0	-1,614.8	266.5	1,366.1	0.44	-0.31	
6,851.0	90.50	137.10	5,364.0	-1,661.1	309.2	1,429.1	1.81	1.75	
6,914.0	90.60	137.00	5,363.4	-1,707.2	352.1	1,492.1	0.22	0.16	
6,977.0	90.80	135.90	5,362.6	-1,752.9	395.5	1,555.0	1.77	0.32	
7,041.0	89.50	137.10	5,362.5	-1,799.3	439.6	1,619.0	2.76	-2.03	
7,104.0	89.50	136.10	5,363.0	-1,845.1	482.9	1,682.0	1.59	0.00	
7,167.0	89.50	137.60	5,363.6	-1,891.0	526.0	1,745.0	2.38	0.00	
7,230.0	90.30	137.30	5,363.7	-1,937.4	568.6	1,808.0	1.36	1.27	
7,294.0	90.40	135.70	5,363.3	-1,983.9	612.6	1,872.0	2.50	0.16	
7,357.0	90.00	135.70	5,363.1	-2,028.9	656.6	1,935.0	0.63	-0.63	
7,420.0	90.30	136.50	5,362.9	-2,074.3	700.3	1,998.0	1.36	0.48	
7,483.0	90.20	136.00	5,362.6	-2,119.8	743.9	2,061.0	0.81	-0.16	
7,546.0	91.00	136.50	5,362.0	-2,165.4	787.4	2,124.0	1.50	1.27	
7,610.0	91.40	138.70	5,360.6	-2,212.6	830.6	2,187.9	3.49	0.62	
7,673.0	91.50	138.30	5,359.0	-2,259.8	872.3	2,250.9	0.65	0.16	
7,736.0	90.40	138.10	5,358.0	-2,306.7	914.3	2,313.9	1.77	-1.75	
7,799.0	90.30	137.70	5,357.6	-2,353.5	956.5	2,376.9	0.65	-0.16	
7,860.0	90.40	137.70	5,357.2	-2,398.6	997.6	2,437.9	0.16	0.16	
7,920.0	90.50	137.10	5,356.8	-2,442.7	1,038.2	2,497.9	1.01	0.17	
7,980.0	90.00	138.60	5,356.5	-2,487.2	1,078.5	2,557.9	2.64	-0.83	
8,041.0	89.90	137.00	5,356.6	-2,532.4	1,119.4	2,618.9	2.63	-0.16	
8,101.0	90.20	137.50	5,356.5	-2,576.5	1,160.2	2,678.9	0.97	0.50	
8,161.0	90.70	135.70	5,356.0	-2,620.1	1,201.4	2,738.8	3.11	0.83	
8,222.0	90.30	137.10	5,355.5	-2,664.2	1,243.4	2,799.8	2.39	-0.66	
8,283.0	90.50	137.00	5,355.1	-2,708.9	1,285.0	2,860.8	0.37	0.33	
8,343.0	89.60	138.10	5,355.0	-2,753.2	1,325.5	2,920.8	2.37	-1.50	
8,404.0	89.80	137.10	5,355.3	-2,798.2	1,366.6	2,981.8	1.67	0.33	
8,464.0	90.50	138.20	5,355.2	-2,842.5	1,407.1	3,041.8	2.17	1.17	
8,525.0	91.10	137.80	5,354.3	-2,887.9	1,447.9	3,102.8	1.18	0.98	
8,586.0	90.40	137.20	5,353.5	-2,932.8	1,489.1	3,163.8	1.51	-1.15	
8,646.0	90.20	136.50	5,353.2	-2,976.6	1,530.1	3,223.8	1.21	-0.33	
8,706.0	90.60	136.00	5,352.8	-3,020.0	1,571.6	3,283.8	1.07	0.67	
8,767.0	90.50	137.80	5,352.2	-3,064.5	1,613.3	3,344.8	2.96	-0.16	
8,827.0	90.60	137.10	5,351.6	-3,108.7	1,653.8	3,404.8	1.18	0.17	
8,888.0	90.80	137.20	5,350.9	-3,153.4	1,695.3	3,465.8	0.37	0.33	
8,949.0	90.10	137.10	5,350.4	-3,198.1	1,736.8	3,526.8	1.16	-1.15	
9,009.0	90.00	136.40	5,350.4	-3,241.8	1,777.9	3,586.8	1.18	-0.17	
9,070.0	90.30	135.50	5,350.2	-3,285.7	1,820.3	3,647.8	1.56	0.49	
9,131.0	90.40	135.90	5,349.8	-3,329.3	1,862.9	3,708.7	0.68	0.16	
9,191.0	90.40	137.70	5,349.4	-3,373.1	1,904.0	3,768.7	3.00	0.00	
9,252.0	90.40	137.10	5,349.0	-3,418.0	1,945.3	3,829.7	0.98	0.00	
9,313.0	90.00	135.30	5,348.8	-3,462.0	1,987.5	3,890.7	3.02	-0.66	
9,374.0	90.10	135.80	5,348.7	-3,505.5	2,030.2	3,951.7	0.84	0.16	
9,435.0	90.20	138.00	5,348.6	-3,550.1	2,071.9	4,012.7	3.61	0.16	
9,496.0	90.70	138.40	5,348.1	-3,595.5	2,112.6	4,073.7	1.05	0.82	

HP

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 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
9,557.0	90.80	137.90	5,347.3	-3,641.0	2,153.3	4,134.7	0.84	0.16	
9,617.0	91.50	136.90	5,346.1	-3,685.1	2,193.9	4,194.6	2.03	1.17	
9,678.0	90.40	137.80	5,345.1	-3,730.0	2,235.2	4,255.6	2.33	-1.80	
9,738.0	90.30	137.30	5,344.7	-3,774.3	2,275.7	4,315.6	0.85	-0.17	
9,799.0	90.40	136.40	5,344.3	-3,818.8	2,317.4	4,376.6	1.48	0.16	
9,860.0	90.00	136.40	5,344.1	-3,862.9	2,359.5	4,437.6	0.66	-0.66	
9,921.0	89.90	136.00	5,344.2	-3,907.0	2,401.7	4,498.6	0.68	-0.16	
9,981.0	90.00	137.40	5,344.2	-3,950.6	2,442.8	4,558.6	2.34	0.17	
10,041.0	90.90	139.30	5,343.7	-3,995.5	2,482.7	4,618.6	3.50	1.50	
10,102.0	90.50	137.80	5,343.0	-4,041.2	2,523.1	4,679.6	2.54	-0.66	
10,163.0	90.70	137.80	5,342.4	-4,086.4	2,564.0	4,740.6	0.33	0.33	
10,224.0	90.20	139.10	5,341.9	-4,132.0	2,604.5	4,801.5	2.28	-0.82	
10,287.0	90.20	138.70	5,341.7	-4,179.5	2,645.9	4,864.5	0.63	0.00	
10,350.0	90.60	137.40	5,341.2	-4,226.3	2,688.0	4,927.5	2.16	0.63	
10,413.0	89.70	138.60	5,341.1	-4,273.2	2,730.2	4,990.5	2.38	-1.43	
10,476.0	89.70	137.80	5,341.4	-4,320.1	2,772.2	5,053.5	1.27	0.00	
10,540.0	89.30	137.30	5,341.9	-4,367.3	2,815.4	5,117.5	1.00	-0.62	
10,603.0	90.40	136.50	5,342.1	-4,413.3	2,858.4	5,180.5	2.16	1.75	
10,666.0	90.60	137.20	5,341.6	-4,459.3	2,901.5	5,243.5	1.16	0.32	
10,729.0	89.40	136.90	5,341.6	-4,505.4	2,944.4	5,306.5	1.96	-1.90	
10,792.0	89.60	135.30	5,342.1	-4,550.8	2,988.1	5,369.5	2.56	0.32	
10,856.0	90.00	135.70	5,342.3	-4,596.5	3,033.0	5,433.4	0.88	0.62	
10,919.0	90.40	137.90	5,342.1	-4,642.4	3,076.1	5,496.4	3.55	0.63	
10,982.0	90.80	137.50	5,341.5	-4,689.0	3,118.5	5,559.4	0.90	0.63	
11,045.0	90.40	137.50	5,340.8	-4,735.4	3,161.0	5,622.4	0.63	-0.63	
11,109.0	90.80	138.30	5,340.1	-4,782.9	3,204.0	5,686.4	1.40	0.62	
11,172.0	89.90	138.00	5,339.7	-4,829.8	3,246.0	5,749.4	1.51	-1.43	
11,235.0	90.30	137.00	5,339.6	-4,876.3	3,288.5	5,812.4	1.71	0.63	
11,298.0	91.10	137.60	5,338.9	-4,922.6	3,331.3	5,875.4	1.59	1.27	
11,361.0	90.40	137.20	5,338.0	-4,968.9	3,373.9	5,938.4	1.28	-1.11	
11,425.0	89.20	136.10	5,338.3	-5,015.5	3,417.8	6,002.4	2.54	-1.87	
11,488.0	89.70	137.00	5,338.9	-5,061.2	3,461.2	6,065.4	1.63	0.79	
11,551.0	90.60	136.30	5,338.7	-5,107.0	3,504.4	6,128.4	1.81	1.43	
11,615.0	90.90	137.10	5,337.9	-5,153.6	3,548.3	6,192.4	1.33	0.47	
11,678.0	90.00	136.60	5,337.4	-5,199.6	3,591.4	6,255.4	1.63	-1.43	
11,741.0	90.40	136.80	5,337.1	-5,245.4	3,634.6	6,318.4	0.71	0.63	
11,798.0	91.10	136.30	5,336.4	-5,286.8	3,673.8	6,375.3	1.51	1.23	Last CES Survey @ 11,798' MD
11,846.0	91.10	136.30	5,335.5	-5,321.5	3,706.9	6,423.3	0.00	0.00	PTB @ 11,846' MD

HP

Survey Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 Multi Users DB

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
GCU P26-2306 01H PBI - survey misses target center by 25.5ft at 11846.0ft MD (5335.5 TVD, -5321.5 N, 3706.9 E) - Point	0.00	0.00	5,347.5	-5,336.2	3,723.9	1,885,012.56	1,295,242.95	36.174900	-107.419557
GCU P26-2306 01H PBI - survey misses target center by 24.2ft at 11846.0ft MD (5335.5 TVD, -5321.5 N, 3706.9 E) - Point	0.00	0.00	5,344.5	-5,336.2	3,723.9	1,885,012.56	1,295,242.95	36.174900	-107.419557
GCU P26-2306 01H PO - survey misses target center by 13.6ft at 5905.0ft MD (5362.9 TVD, -964.3 N, -330.4 E) - Point	0.00	0.00	5,375.3	-960.4	-326.4	1,889,437.38	1,291,246.29	36.186920	-107.433279
GCU P26-2306 01H PBI - survey misses target center by 31.4ft at 11846.0ft MD (5335.5 TVD, -5321.5 N, 3706.9 E) - Point	0.00	0.00	5,357.5	-5,336.2	3,723.9	1,885,012.56	1,295,242.95	36.174900	-107.419557

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,119.6	5,375.0	TARGET LINE		-0.40	137.13

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
11,798.0	5,336.4	-5,286.8	3,673.8	Last CES Survey @ 11,798' MD
11,846.0	5,335.5	-5,321.5	3,706.9	PTB @ 11,846' MD

Checked By: _____	Approved By: _____	Date: _____
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EnCana Oil & Gas (USA) Inc

Sandoval County, NM

S26-T23N-R6W

GCU P26-2306 01H

Hz

Survey: Survey #1

Survey Report - Geographic

05 January, 2015

HP

Survey Report - Geographic

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 Multi Users DB

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

Site	S26-T23N-R6W				
Site Position:		Northing:	1,890,393.73 ft	Latitude:	36.189558
From:	Lat/Long	Easting:	1,291,584.38 ft	Longitude:	-107.432173
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	-0.70 °

Well	GCU P26-2306 01H					
Well Position	+N/-S	0.0 ft	Northing:	1,890,393.73 ft	Latitude:	36.189558
	+E/-W	0.0 ft	Easting:	1,291,584.38 ft	Longitude:	-107.432173
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,872.0 ft

Wellbore	Hz				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/7/2014	9.37	62.99	50,197

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	137.21	

Survey Program	Date	1/5/2015			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
147.0	11,846.0	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	1,890,393.73	1,291,584.38	36.189558	-107.432173
147.0	0.60	83.50	147.0	0.1	0.8	1,890,393.81	1,291,585.14	36.189558	-107.432171
210.0	0.30	83.70	210.0	0.1	1.3	1,890,393.86	1,291,585.64	36.189558	-107.432169
273.0	0.80	99.30	273.0	0.1	1.9	1,890,393.80	1,291,586.23	36.189558	-107.432167
336.0	0.60	123.10	336.0	-0.2	2.6	1,890,393.54	1,291,586.94	36.189558	-107.432165
399.0	0.60	120.90	399.0	-0.5	3.1	1,890,393.18	1,291,587.50	36.189557	-107.432163
463.0	0.50	127.30	463.0	-0.9	3.6	1,890,392.84	1,291,588.00	36.189556	-107.432161
477.0	0.80	140.60	477.0	-1.0	3.7	1,890,392.72	1,291,588.11	36.189555	-107.432161
532.0	0.70	186.60	532.0	-1.6	3.9	1,890,392.09	1,291,588.31	36.189554	-107.432160
596.0	0.60	178.50	596.0	-2.3	3.9	1,890,391.37	1,291,588.26	36.189552	-107.432160
659.0	0.40	189.10	659.0	-2.9	3.9	1,890,390.82	1,291,588.23	36.189550	-107.432160
722.0	0.60	206.80	722.0	-3.4	3.7	1,890,390.31	1,291,588.04	36.189549	-107.432161

HP

Survey Report - Geographic

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 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	
785.0	0.70	210.20	785.0	-4.0	3.4	1,890,389.69	1,291,587.69	36.189547	-107.432162	
849.0	0.70	220.30	849.0	-4.6	2.9	1,890,389.06	1,291,587.23	36.189545	-107.432163	
912.0	0.80	235.30	912.0	-5.2	2.3	1,890,388.52	1,291,586.62	36.189544	-107.432165	
975.0	0.80	235.90	974.9	-5.7	1.6	1,890,388.03	1,291,585.88	36.189542	-107.432168	
1,038.0	0.90	228.30	1,037.9	-6.3	0.8	1,890,387.47	1,291,585.14	36.189541	-107.432170	
1,101.0	1.00	309.70	1,100.9	-6.2	0.0	1,890,387.50	1,291,584.35	36.189541	-107.432173	
1,164.0	1.50	328.00	1,163.9	-5.2	-0.8	1,890,388.56	1,291,583.50	36.189544	-107.432176	
1,227.0	1.20	320.80	1,226.9	-4.0	-1.7	1,890,389.78	1,291,582.66	36.189547	-107.432179	
1,291.0	0.50	329.30	1,290.9	-3.2	-2.2	1,890,390.55	1,291,582.11	36.189549	-107.432181	
1,354.0	0.20	347.50	1,353.9	-2.9	-2.4	1,890,390.89	1,291,581.95	36.189550	-107.432181	
1,417.0	0.40	337.70	1,416.9	-2.6	-2.5	1,890,391.20	1,291,581.84	36.189551	-107.432182	
1,480.0	0.30	313.40	1,479.9	-2.2	-2.7	1,890,391.52	1,291,581.65	36.189552	-107.432182	
1,543.0	0.40	333.40	1,542.9	-1.9	-2.9	1,890,391.84	1,291,581.43	36.189553	-107.432183	
1,607.0	0.40	348.30	1,606.9	-1.5	-3.1	1,890,392.26	1,291,581.29	36.189554	-107.432184	
1,670.0	0.70	314.90	1,669.9	-1.0	-3.4	1,890,392.75	1,291,580.98	36.189555	-107.432185	
1,733.0	0.50	305.60	1,732.9	-0.6	-3.9	1,890,393.18	1,291,580.49	36.189556	-107.432186	
1,796.0	0.60	300.70	1,795.9	-0.3	-4.4	1,890,393.52	1,291,579.99	36.189557	-107.432188	
1,859.0	0.70	300.70	1,858.9	0.1	-5.0	1,890,393.89	1,291,579.38	36.189558	-107.432190	
1,923.0	0.70	300.90	1,922.9	0.5	-5.7	1,890,394.30	1,291,578.71	36.189559	-107.432193	
1,986.0	0.40	32.50	1,985.9	0.9	-5.9	1,890,394.69	1,291,578.50	36.189561	-107.432193	
2,049.0	0.30	16.00	2,048.9	1.2	-5.7	1,890,395.03	1,291,578.67	36.189561	-107.432193	
2,112.0	0.30	18.00	2,111.9	1.5	-5.6	1,890,395.34	1,291,578.77	36.189562	-107.432192	
2,175.0	0.30	2.90	2,174.9	1.9	-5.6	1,890,395.66	1,291,578.83	36.189563	-107.432192	
2,236.0	0.20	28.70	2,235.9	2.1	-5.5	1,890,395.92	1,291,578.89	36.189564	-107.432192	
2,296.0	0.10	70.10	2,295.9	2.2	-5.4	1,890,396.02	1,291,579.00	36.189564	-107.432192	
2,356.0	0.10	99.30	2,355.9	2.2	-5.3	1,890,396.03	1,291,579.10	36.189564	-107.432191	
2,420.0	0.10	177.80	2,419.9	2.2	-5.3	1,890,395.97	1,291,579.15	36.189564	-107.432191	
2,481.0	0.10	271.60	2,480.9	2.1	-5.3	1,890,395.92	1,291,579.10	36.189564	-107.432191	
2,541.0	0.20	256.90	2,540.9	2.1	-5.5	1,890,395.89	1,291,578.95	36.189564	-107.432192	
2,602.0	0.20	232.80	2,601.9	2.0	-5.6	1,890,395.81	1,291,578.76	36.189564	-107.432192	
2,662.0	0.40	87.20	2,661.9	2.0	-5.5	1,890,395.75	1,291,578.88	36.189563	-107.432192	
2,723.0	0.90	82.30	2,722.9	2.0	-4.8	1,890,395.82	1,291,579.57	36.189564	-107.432190	
2,784.0	0.70	81.30	2,783.9	2.1	-4.0	1,890,395.93	1,291,580.42	36.189564	-107.432187	
2,844.0	0.60	87.40	2,843.9	2.2	-3.3	1,890,395.99	1,291,581.09	36.189564	-107.432184	
2,905.0	0.50	92.90	2,904.9	2.2	-2.7	1,890,395.99	1,291,581.68	36.189564	-107.432183	
2,965.0	0.20	74.70	2,964.9	2.2	-2.4	1,890,396.00	1,291,582.04	36.189564	-107.432181	
3,026.0	1.30	226.30	3,025.8	1.8	-2.8	1,890,395.55	1,291,581.64	36.189563	-107.432183	
3,086.0	2.00	234.70	3,085.8	0.7	-4.1	1,890,394.49	1,291,580.28	36.189560	-107.432187	
3,147.0	3.50	237.50	3,146.7	-0.9	-6.5	1,890,392.91	1,291,577.82	36.189556	-107.432195	
3,207.0	4.70	241.00	3,206.6	-3.1	-10.2	1,890,390.78	1,291,574.10	36.189550	-107.432208	
3,267.0	6.10	243.50	3,266.3	-5.7	-15.2	1,890,388.22	1,291,569.06	36.189542	-107.432225	
3,328.0	6.30	242.40	3,327.0	-8.7	-21.1	1,890,385.30	1,291,563.16	36.189534	-107.432245	
3,389.0	7.30	237.20	3,387.5	-12.3	-27.3	1,890,381.72	1,291,556.89	36.189524	-107.432266	
3,449.0	8.90	232.00	3,446.9	-17.3	-34.2	1,890,376.88	1,291,549.97	36.189511	-107.432289	
3,511.0	10.30	235.50	3,508.1	-23.4	-42.5	1,890,370.89	1,291,541.55	36.189494	-107.432317	
3,571.0	10.90	240.10	3,567.0	-29.2	-51.9	1,890,365.14	1,291,532.14	36.189478	-107.432349	
3,631.0	12.00	243.00	3,625.9	-34.9	-62.4	1,890,359.61	1,291,521.60	36.189462	-107.432385	
3,692.0	13.90	242.40	3,685.3	-41.2	-74.5	1,890,353.48	1,291,509.38	36.189445	-107.432426	
3,753.0	15.50	242.20	3,744.3	-48.4	-88.2	1,890,346.46	1,291,495.58	36.189425	-107.432472	
3,815.0	16.60	242.30	3,803.9	-56.3	-103.4	1,890,338.66	1,291,480.32	36.189403	-107.432524	
3,875.0	17.80	242.20	3,861.2	-64.6	-119.1	1,890,330.59	1,291,464.52	36.189381	-107.432577	
3,936.0	18.80	243.80	3,919.1	-73.3	-136.1	1,890,322.11	1,291,447.35	36.189357	-107.432635	
3,997.0	20.00	244.00	3,976.7	-82.2	-154.3	1,890,313.42	1,291,429.04	36.189332	-107.432696	
4,058.0	20.70	242.60	4,033.8	-91.7	-173.3	1,890,304.12	1,291,409.98	36.189306	-107.432760	
4,118.0	21.10	241.80	4,089.9	-101.7	-192.2	1,890,294.37	1,291,390.93	36.189279	-107.432825	

HP

Survey Report - Geographic

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 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
4,178.0	24.20	243.30	4,145.3	-112.3	-212.7	1,890,283.98	1,291,370.29	36.189249	-107.432894
4,240.0	26.50	243.70	4,201.3	-124.2	-236.5	1,890,272.43	1,291,346.39	36.189217	-107.432975
4,300.0	28.00	242.90	4,254.6	-136.5	-261.0	1,890,260.39	1,291,321.70	36.189183	-107.433058
4,360.0	28.20	241.90	4,307.6	-149.6	-286.1	1,890,247.60	1,291,296.50	36.189147	-107.433143
4,421.0	27.40	242.20	4,361.5	-163.0	-311.2	1,890,234.57	1,291,271.21	36.189110	-107.433228
4,482.0	28.40	242.50	4,415.4	-176.2	-336.5	1,890,221.64	1,291,245.77	36.189074	-107.433313
4,543.0	29.70	242.20	4,468.8	-190.0	-362.7	1,890,208.21	1,291,219.36	36.189036	-107.433402
4,603.0	29.50	242.80	4,520.9	-203.6	-389.0	1,890,194.85	1,291,192.91	36.188999	-107.433491
4,666.0	28.30	242.00	4,576.1	-217.7	-416.0	1,890,181.07	1,291,165.76	36.188960	-107.433583
4,730.0	29.10	242.40	4,632.2	-232.1	-443.2	1,890,167.07	1,291,138.40	36.188921	-107.433675
4,761.0	29.80	242.10	4,659.2	-239.2	-456.7	1,890,160.14	1,291,124.83	36.188901	-107.433721
4,793.0	30.80	241.40	4,686.8	-246.8	-470.9	1,890,152.67	1,291,110.51	36.188880	-107.433769
4,824.0	31.80	237.10	4,713.3	-255.1	-484.7	1,890,144.60	1,291,096.59	36.188858	-107.433816
4,856.0	32.70	230.50	4,740.4	-265.1	-498.5	1,890,134.69	1,291,082.71	36.188830	-107.433862
4,888.0	33.10	223.90	4,767.3	-276.9	-511.2	1,890,123.05	1,291,069.83	36.188797	-107.433905
4,919.0	33.20	218.50	4,793.2	-289.7	-522.4	1,890,110.44	1,291,058.52	36.188762	-107.433943
4,951.0	33.40	213.40	4,820.0	-303.9	-532.7	1,890,096.36	1,291,048.05	36.188723	-107.433978
4,983.0	32.60	208.40	4,846.8	-318.8	-541.6	1,890,081.53	1,291,038.92	36.188682	-107.434009
5,014.0	31.80	203.20	4,873.1	-333.7	-548.8	1,890,066.76	1,291,031.54	36.188642	-107.434033
5,046.0	31.20	197.40	4,900.4	-349.3	-554.6	1,890,051.17	1,291,025.55	36.188599	-107.434053
5,077.0	32.10	192.30	4,926.7	-365.1	-558.8	1,890,035.51	1,291,021.21	36.188555	-107.434067
5,109.0	33.60	188.80	4,953.6	-382.1	-561.9	1,890,018.49	1,291,017.83	36.188508	-107.434077
5,140.0	34.90	186.10	4,979.3	-399.4	-564.2	1,890,001.22	1,291,015.37	36.188461	-107.434085
5,172.0	35.80	183.00	5,005.4	-417.9	-565.6	1,889,982.79	1,291,013.68	36.188410	-107.434090
5,204.0	36.70	179.20	5,031.2	-436.8	-566.0	1,889,963.88	1,291,013.09	36.188358	-107.434091
5,235.0	37.70	174.90	5,055.9	-455.5	-565.0	1,889,945.17	1,291,013.84	36.188307	-107.434088
5,267.0	39.50	172.70	5,080.9	-475.3	-562.9	1,889,925.30	1,291,015.76	36.188252	-107.434081
5,298.0	41.70	172.40	5,104.4	-495.3	-560.3	1,889,905.27	1,291,018.13	36.188198	-107.434072
5,330.0	44.30	171.20	5,127.8	-516.9	-557.1	1,889,883.63	1,291,020.98	36.188138	-107.434061
5,361.0	46.20	168.80	5,149.6	-538.6	-553.3	1,889,861.91	1,291,024.55	36.188079	-107.434048
5,393.0	48.30	165.10	5,171.4	-561.5	-548.0	1,889,838.97	1,291,029.59	36.188016	-107.434030
5,424.0	50.70	164.00	5,191.5	-584.2	-541.7	1,889,816.18	1,291,035.59	36.187953	-107.434009
5,456.0	53.30	162.50	5,211.2	-608.3	-534.4	1,889,791.96	1,291,042.57	36.187887	-107.433984
5,488.0	56.00	161.10	5,229.7	-633.1	-526.3	1,889,767.07	1,291,050.42	36.187819	-107.433957
5,523.0	57.10	162.60	5,249.0	-660.9	-517.2	1,889,739.20	1,291,059.18	36.187743	-107.433926
5,554.0	58.60	159.40	5,265.5	-685.7	-508.6	1,889,714.29	1,291,067.42	36.187675	-107.433897
5,586.0	60.40	157.10	5,281.7	-711.3	-498.4	1,889,688.57	1,291,077.33	36.187604	-107.433862
5,618.0	63.30	153.40	5,296.8	-736.9	-486.6	1,889,662.81	1,291,088.84	36.187534	-107.433822
5,649.0	66.50	152.30	5,310.0	-761.9	-473.8	1,889,637.69	1,291,101.35	36.187465	-107.433779
5,681.0	69.00	149.20	5,322.1	-787.7	-459.3	1,889,611.68	1,291,115.50	36.187394	-107.433730
5,713.0	71.80	149.40	5,332.8	-813.6	-443.9	1,889,585.58	1,291,130.58	36.187323	-107.433677
5,744.0	75.00	147.20	5,341.7	-838.9	-428.3	1,889,560.13	1,291,145.87	36.187254	-107.433625
5,776.0	77.90	143.60	5,349.2	-864.5	-410.7	1,889,534.32	1,291,163.22	36.187184	-107.433565
5,807.0	81.50	141.90	5,354.7	-888.8	-392.2	1,889,509.82	1,291,181.39	36.187117	-107.433502
5,839.0	84.20	142.00	5,358.7	-913.8	-372.6	1,889,484.59	1,291,200.65	36.187048	-107.433436
5,871.0	86.30	140.40	5,361.4	-938.6	-352.6	1,889,459.49	1,291,220.33	36.186980	-107.433368
5,902.0	88.20	138.10	5,362.9	-962.1	-332.4	1,889,435.79	1,291,240.25	36.186916	-107.433300
5,965.0	90.60	136.40	5,363.5	-1,008.3	-289.7	1,889,389.02	1,291,282.44	36.186788	-107.433155
6,029.0	89.90	135.90	5,363.2	-1,054.5	-245.3	1,889,342.33	1,291,326.21	36.186662	-107.433005
6,092.0	89.80	137.90	5,363.4	-1,100.5	-202.3	1,889,295.81	1,291,368.69	36.186535	-107.432859
6,155.0	90.00	137.00	5,363.5	-1,146.9	-159.7	1,889,248.89	1,291,410.72	36.186408	-107.432714
6,219.0	90.20	136.00	5,363.4	-1,193.3	-115.6	1,889,201.93	1,291,454.21	36.186280	-107.432565
6,282.0	89.50	139.30	5,363.6	-1,239.9	-73.2	1,889,154.86	1,291,496.07	36.186153	-107.432421
6,345.0	89.90	139.50	5,363.9	-1,287.7	-32.2	1,889,106.54	1,291,536.49	36.186021	-107.432282
6,408.0	89.90	137.50	5,364.0	-1,334.9	9.5	1,889,058.85	1,291,577.65	36.185892	-107.432141

HP

Survey Report - Geographic

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 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
6,472.0	90.10	137.50	5,364.0	-1,382.1	52.8	1,889,011.14	1,291,620.31	36.185762		-107.431994
6,535.0	90.30	136.80	5,363.8	-1,428.2	95.6	1,888,964.43	1,291,662.59	36.185635		-107.431849
6,598.0	90.60	137.40	5,363.3	-1,474.4	138.5	1,888,917.77	1,291,704.91	36.185508		-107.431704
6,661.0	89.80	138.00	5,363.1	-1,521.0	180.9	1,888,870.66	1,291,746.74	36.185380		-107.431560
6,724.0	89.60	137.60	5,363.4	-1,567.7	223.2	1,888,823.48	1,291,788.48	36.185252		-107.431417
6,788.0	89.40	137.40	5,364.0	-1,614.8	266.5	1,888,775.77	1,291,831.14	36.185123		-107.431270
6,851.0	90.50	137.10	5,364.0	-1,661.1	309.2	1,888,728.99	1,291,873.34	36.184995		-107.431126
6,914.0	90.60	137.00	5,363.4	-1,707.2	352.1	1,888,682.36	1,291,915.70	36.184869		-107.430980
6,977.0	90.80	135.90	5,362.6	-1,752.9	395.5	1,888,636.18	1,291,958.54	36.184743		-107.430833
7,041.0	89.50	137.10	5,362.5	-1,799.3	439.6	1,888,589.22	1,292,002.02	36.184616		-107.430684
7,104.0	89.50	136.10	5,363.0	-1,845.1	482.9	1,888,542.93	1,292,044.75	36.184490		-107.430537
7,167.0	89.50	137.60	5,363.6	-1,891.0	526.0	1,888,496.44	1,292,087.27	36.184364		-107.430391
7,230.0	90.30	137.30	5,363.7	-1,937.4	568.6	1,888,449.52	1,292,129.30	36.184236		-107.430247
7,294.0	90.40	135.70	5,363.3	-1,983.9	612.6	1,888,402.56	1,292,172.78	36.184109		-107.430098
7,357.0	90.00	135.70	5,363.1	-2,028.9	656.6	1,888,356.94	1,292,216.23	36.183985		-107.429948
7,420.0	90.30	136.50	5,362.9	-2,074.3	700.3	1,888,311.02	1,292,259.36	36.183860		-107.429800
7,483.0	90.20	136.00	5,362.6	-2,119.8	743.9	1,888,264.98	1,292,302.36	36.183735		-107.429653
7,546.0	91.00	136.50	5,362.0	-2,165.4	787.4	1,888,218.95	1,292,345.37	36.183610		-107.429505
7,610.0	91.40	138.70	5,360.6	-2,212.6	830.6	1,888,171.18	1,292,387.93	36.183481		-107.429359
7,673.0	91.50	138.30	5,359.0	-2,259.8	872.3	1,888,123.51	1,292,429.09	36.183351		-107.429218
7,736.0	90.40	138.10	5,358.0	-2,306.7	914.3	1,888,076.04	1,292,470.50	36.183222		-107.429075
7,799.0	90.30	137.70	5,357.6	-2,353.5	956.5	1,888,028.79	1,292,512.16	36.183094		-107.428932
7,860.0	90.40	137.70	5,357.2	-2,398.6	997.6	1,887,983.17	1,292,552.66	36.182970		-107.428793
7,920.0	90.50	137.10	5,356.8	-2,442.7	1,038.2	1,887,938.52	1,292,592.73	36.182848		-107.428656
7,980.0	90.00	138.60	5,356.5	-2,487.2	1,078.5	1,887,893.55	1,292,632.45	36.182726		-107.428519
8,041.0	89.90	137.00	5,356.6	-2,532.4	1,119.4	1,887,847.86	1,292,672.87	36.182602		-107.428380
8,101.0	90.20	137.50	5,356.5	-2,576.5	1,160.2	1,887,803.31	1,292,713.06	36.182481		-107.428242
8,161.0	90.70	135.70	5,356.0	-2,620.1	1,201.4	1,887,759.22	1,292,753.74	36.182361		-107.428103
8,222.0	90.30	137.10	5,355.5	-2,664.2	1,243.4	1,887,714.54	1,292,795.27	36.182240		-107.427960
8,283.0	90.50	137.00	5,355.1	-2,708.9	1,285.0	1,887,669.39	1,292,836.28	36.182117		-107.427819
8,343.0	89.60	138.10	5,355.0	-2,753.2	1,325.5	1,887,624.63	1,292,876.23	36.181996		-107.427682
8,404.0	89.80	137.10	5,355.3	-2,798.2	1,366.6	1,887,579.09	1,292,916.81	36.181872		-107.427543
8,464.0	90.50	138.20	5,355.2	-2,842.5	1,407.1	1,887,534.26	1,292,956.69	36.181750		-107.427406
8,525.0	91.10	137.80	5,354.3	-2,887.9	1,447.9	1,887,488.43	1,292,996.95	36.181626		-107.427268
8,586.0	90.40	137.20	5,353.5	-2,932.8	1,489.1	1,887,442.97	1,293,037.60	36.181502		-107.427128
8,646.0	90.20	136.50	5,353.2	-2,976.6	1,530.1	1,887,398.70	1,293,078.10	36.181382		-107.426989
8,706.0	90.60	136.00	5,352.8	-3,020.0	1,571.6	1,887,354.85	1,293,119.06	36.181263		-107.426848
8,767.0	90.50	137.80	5,352.2	-3,064.5	1,613.3	1,887,309.81	1,293,160.19	36.181141		-107.426707
8,827.0	90.60	137.10	5,351.6	-3,108.7	1,653.8	1,887,265.12	1,293,200.22	36.181019		-107.426570
8,888.0	90.80	137.20	5,350.9	-3,153.4	1,695.3	1,887,219.90	1,293,241.15	36.180896		-107.426429
8,949.0	90.10	137.10	5,350.4	-3,198.1	1,736.8	1,887,174.68	1,293,282.09	36.180773		-107.426289
9,009.0	90.00	136.40	5,350.4	-3,241.8	1,777.9	1,887,130.48	1,293,322.66	36.180653		-107.426149
9,070.0	90.30	135.50	5,350.2	-3,285.7	1,820.3	1,887,086.13	1,293,364.54	36.180533		-107.426006
9,131.0	90.40	135.90	5,349.8	-3,329.3	1,862.9	1,887,041.95	1,293,406.61	36.180413		-107.425861
9,191.0	90.40	137.70	5,349.4	-3,373.1	1,904.0	1,886,997.72	1,293,447.14	36.180293		-107.425722
9,252.0	90.40	137.10	5,349.0	-3,418.0	1,945.3	1,886,952.32	1,293,487.88	36.180170		-107.425582
9,313.0	90.00	135.30	5,348.8	-3,462.0	1,987.5	1,886,907.78	1,293,529.56	36.180049		-107.425439
9,374.0	90.10	135.80	5,348.7	-3,505.5	2,030.2	1,886,863.72	1,293,571.74	36.179929		-107.425295
9,435.0	90.20	138.00	5,348.6	-3,550.1	2,071.9	1,886,818.68	1,293,612.87	36.179807		-107.425153
9,496.0	90.70	138.40	5,348.1	-3,595.5	2,112.6	1,886,772.72	1,293,652.97	36.179682		-107.425016
9,557.0	90.80	137.90	5,347.3	-3,641.0	2,153.3	1,886,726.79	1,293,693.11	36.179557		-107.424878
9,617.0	91.50	136.90	5,346.1	-3,685.1	2,193.9	1,886,682.14	1,293,733.17	36.179436		-107.424740
9,678.0	90.40	137.80	5,345.1	-3,730.0	2,235.2	1,886,636.78	1,293,773.94	36.179312		-107.424600
9,738.0	90.30	137.30	5,344.7	-3,774.3	2,275.7	1,886,592.02	1,293,813.90	36.179191		-107.424463
9,799.0	90.40	136.40	5,344.3	-3,818.8	2,317.4	1,886,547.01	1,293,855.07	36.179069		-107.424322

HP

Survey Report - Geographic

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 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
9,860.0	90.00	136.40	5,344.1	-3,862.9	2,359.5	1,886,502.33	1,293,896.59	36.178947	-107.424179
9,921.0	89.90	136.00	5,344.2	-3,907.0	2,401.7	1,886,457.79	1,293,938.28	36.178826	-107.424036
9,981.0	90.00	137.40	5,344.2	-3,950.6	2,442.8	1,886,413.63	1,293,978.89	36.178706	-107.423897
10,041.0	90.90	139.30	5,343.7	-3,995.5	2,482.7	1,886,368.32	1,294,018.21	36.178583	-107.423762
10,102.0	90.50	137.80	5,343.0	-4,041.2	2,523.1	1,886,322.11	1,294,058.03	36.178458	-107.423625
10,163.0	90.70	137.80	5,342.4	-4,086.4	2,564.0	1,886,276.43	1,294,098.45	36.178333	-107.423486
10,224.0	90.20	139.10	5,341.9	-4,132.0	2,604.5	1,886,230.29	1,294,138.34	36.178208	-107.423349
10,287.0	90.20	138.70	5,341.7	-4,179.5	2,645.9	1,886,182.32	1,294,179.18	36.178078	-107.423209
10,350.0	90.60	137.40	5,341.2	-4,226.3	2,688.0	1,886,134.95	1,294,220.72	36.177949	-107.423066
10,413.0	89.70	138.60	5,341.1	-4,273.2	2,730.2	1,886,087.63	1,294,262.30	36.177820	-107.422923
10,476.0	89.70	137.80	5,341.4	-4,320.1	2,772.2	1,886,040.16	1,294,303.71	36.177691	-107.422781
10,540.0	89.30	137.30	5,341.9	-4,367.3	2,815.4	1,885,992.41	1,294,346.33	36.177562	-107.422635
10,603.0	90.40	136.50	5,342.1	-4,413.3	2,858.4	1,885,945.89	1,294,388.81	36.177435	-107.422489
10,666.0	90.60	137.20	5,341.6	-4,459.3	2,901.5	1,885,899.41	1,294,431.33	36.177309	-107.422343
10,729.0	89.40	136.90	5,341.6	-4,505.4	2,944.4	1,885,852.78	1,294,473.69	36.177182	-107.422198
10,792.0	89.60	135.30	5,342.1	-4,550.8	2,988.1	1,885,806.86	1,294,516.81	36.177058	-107.422050
10,856.0	90.00	135.70	5,342.3	-4,596.5	3,033.0	1,885,760.67	1,294,561.11	36.176932	-107.421898
10,919.0	90.40	137.90	5,342.1	-4,642.4	3,076.1	1,885,714.22	1,294,603.67	36.176806	-107.421752
10,982.0	90.80	137.50	5,341.5	-4,689.0	3,118.5	1,885,667.12	1,294,645.50	36.176678	-107.421608
11,045.0	90.40	137.50	5,340.8	-4,735.4	3,161.0	1,885,620.15	1,294,687.49	36.176550	-107.421464
11,109.0	90.80	138.30	5,340.1	-4,782.9	3,204.0	1,885,572.15	1,294,729.81	36.176420	-107.421318
11,172.0	89.90	138.00	5,339.7	-4,829.8	3,246.0	1,885,524.72	1,294,771.27	36.176291	-107.421176
11,235.0	90.30	137.00	5,339.6	-4,876.3	3,288.5	1,885,477.75	1,294,813.26	36.176164	-107.421032
11,298.0	91.10	137.60	5,338.9	-4,922.6	3,331.3	1,885,430.94	1,294,855.41	36.176036	-107.420887
11,361.0	90.40	137.20	5,338.0	-4,968.9	3,373.9	1,885,384.05	1,294,897.49	36.175909	-107.420743
11,425.0	89.20	136.10	5,338.3	-5,015.5	3,417.8	1,885,336.99	1,294,940.85	36.175781	-107.420594
11,488.0	89.70	137.00	5,338.9	-5,061.2	3,461.2	1,885,290.73	1,294,983.61	36.175655	-107.420447
11,551.0	90.60	136.30	5,338.7	-5,107.0	3,504.4	1,885,244.39	1,295,026.29	36.175530	-107.420301
11,615.0	90.90	137.10	5,337.9	-5,153.6	3,548.3	1,885,197.29	1,295,069.61	36.175402	-107.420152
11,678.0	90.00	136.60	5,337.4	-5,199.6	3,591.4	1,885,150.81	1,295,112.13	36.175275	-107.420006
11,741.0	90.40	136.80	5,337.1	-5,245.4	3,634.6	1,885,104.43	1,295,154.78	36.175149	-107.419860
11,798.0	91.10	136.30	5,336.4	-5,286.8	3,673.8	1,885,062.58	1,295,193.47	36.175036	-107.419727
Last CES Survey @ 11,798' MD									
11,846.0	91.10	136.30	5,335.5	-5,321.5	3,706.9	1,885,027.49	1,295,226.20	36.174941	-107.419615
PTB @ 11,846' MD									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
GCU P26-2306 01H PBI	0.00	0.00	5,357.5	-5,336.2	3,723.9	1,885,012.57	1,295,242.95	36.174900	-107.419557
- survey misses target center by 31.4ft at 11846.0ft MD (5335.5 TVD, -5321.5 N, 3706.9 E)									
- Point									
GCU P26-2306 01H PO	0.00	0.00	5,375.3	-960.4	-326.4	1,889,437.38	1,291,246.29	36.186920	-107.433279
- survey misses target center by 13.6ft at 5905.0ft MD (5362.9 TVD, -964.3 N, -330.4 E)									
- Point									

HP

Survey Report - Geographic

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well GCU P26-2306 01H
Project:	Sandoval County, NM	TVD Reference:	15' KB @ 6887.0ft (920)
Site:	S26-T23N-R6W	MD Reference:	15' KB @ 6887.0ft (920)
Well:	GCU P26-2306 01H	North Reference:	True
Wellbore:	Hz	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM R5000 Multi Users DB

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,119.6	5,363.2	TARGET LINE		-0.40	137.13

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
11,798.0	5,336.4	-5,286.8	3,673.8	Last CES Survey @ 11,798' MD
11,846.0	5,335.5	-5,321.5	3,706.9	PTB @ 11,846' MD

Checked By: _____ Approved By: _____ Date: _____

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Encana Oil & Gas (USA) Inc. 370 17 th Street, Suite 1700 Denver, Colorado 80202		² OGRID Number 282327
		³ Reason for Filing Code/ Effective Date New Well, 5/19/2015
⁴ API Number 30-043-21207	⁵ Pool Name Counselors Gallup-Dakota	⁶ Pool Code 13379
⁷ Property Code 313261	⁸ Property Name Gallo Canyon Unit P26-2306	⁹ Well Number 01H

II. ¹⁰ Surface Location

UL or lot no. P	Section 26	Township 23N	Range 6W	Lot Idn	Feet from the 249'	North/South Line South	Feet from the 969'	East/West line East	County Sandoval
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¹¹ Bottom Hole Location

UL or lot no. O	Section 36	Township 23N	Range 6W	Lot Idn	Feet from the 279'	North/South line South	Feet from the 2537'	East/West line East	County Sandoval
¹² Lse Code V0 9212	¹³ Producing Method Code P	¹⁴ Gas Connection Date 5/26/2015	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Company, LP 6500 Townbridge Drive, El Paso, TX 79905	O
272091	NGL Crude Logistics LLC 2900 North Loop West, Suite 1250, Houston, TX 77092	O
151618	Enterprise Field Services 614 Reilly Ave. Farmington, NM 87401	G

DENIED

IV. Well Completion Data

²¹ Spud Date 12/27/2014	²² Ready Date 5/19/2015	11,846'	11,839' Float Collar	Perforations 5790'-11,817'	²⁶ DHC, MC N/A
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25"	9.625" 36# J55 LTC	525'	247 sks		
8.75"	7" 26# J55 LTC	5412'	508 sks Lead 392 sks Tail		
6.125"	4.5" 11.6# SB80 LTC	TOL: 5311' 5573-11,842'	398 sks		
	2.875" 6.5# J55	Will be provided on subsequent sundry			

V. Well Test Data

Test Data will be provided on Initial 24 Hour Test Sundry

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Cristi Bauer*

Printed name:
Cristi Bauer

Title:
Regulatory Analyst

E-mail Address:
Cristi.Bauer@encana.com

Date: 5/20/15
Phone: 720-876-5867

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date

DENIED