RCVD APR 2 '13
OIL CONS. DIV.
DIST. 3

Form 3160-3
(August 2007)

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 01 2012

Farmington Field Office
Bureau of Land Management

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. NMNM 112955	
6. If Indian, Allotee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. N/A	
8. Lease Name and Well No. Escrito E07-2409 02H	
9. API Well No. 30-045-35433	

1a. Type of work: ☑ DRILL ☐ REENTER

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

2. Name of Operator Encana Oil & Gas (USA) Inc.

3a. Address 370 17th Street, Suite 1700 Denver, CO 80202	3b. Phone No. *(include area code)* 720-876-5331
10. Field and Pool, or Exploratory Bisti Lower - Gallup	

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface 1670' FNL and 262' FWL E Section 7, T24N, R9W

At proposed prod. zone 2270' FNL and 2265' FEL G Section 11, T24N, R10W

11. Sec., T. R. M. or Blk. and Survey or Area Section 7, T24N, R9W NMPM

14. Distance in miles and direction from nearest town or post office* +/- 30.5 miles southwest from intersection of US HWY 64 & US HWY 550, in Bloomfield, NM	12. County or Parish San Juan	13. State NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Point of entry is 330' from east lease line	16. No. of acres in lease NMNM 112955 - 1,761.69	17. Spacing Unit dedicated to this well 240 acres - S2NE of Sec 11 & S2 of Sec 12 T24N R10W
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Escrito E07-2409 01H is 30' north of the SHL	19. Proposed Depth 5399' TVD/13168' MD	20. BLM/BIA Bond No. on file COB-000235
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6878' GL, 6891' KB	22. Approximate date work will start* 01/31/2013	23. Estimated duration 25 days

Hold C104 for Directional Survey and "As Drilled" plat

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3

24. Attachments

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature Holly Hill	Name *(Printed/Typed)* Holly Hill	Date 10/26/12
Title Regulatory Analyst		
Approved by *(Signature)* /s/ Maurice Ross	Name *(Printed/Typed)*	Date 3/29/13
Title AFM	Office FFO	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

NMOCD

Hold C104 for Directional Survey and "As Drilled" plat

HOLD C104 FOR NSL, DHC - Change of plans -

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

APR 19 2013 ca

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

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-35433	5890	BISTI LOWER - GALLUP

[4] Property Code	[5] Property Name	[6] Well Number
39809	ESCRITO E07-2409	02H

[7] OGRID No.	[8] Operator Name	[9] Elevation
282327	ENCANA OIL & GAS (USA) INC.	6878'

[10] Surface Location

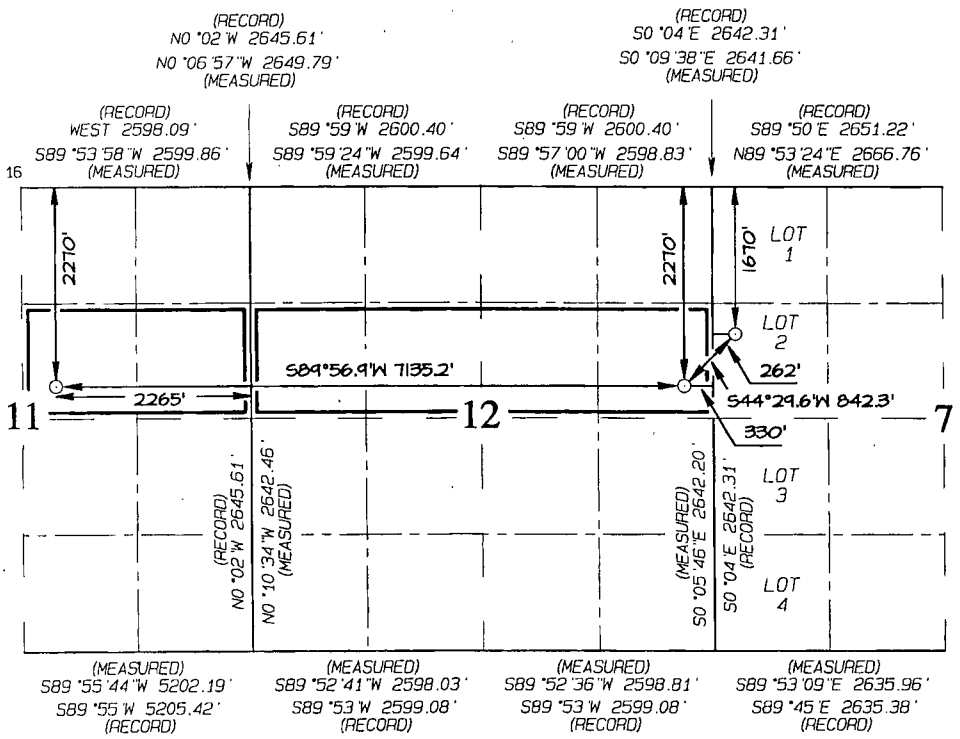
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	7	24N	9W	Lot 2	1670	NORTH	262	WEST	SAN JUAN

[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
G	11	24N	10W		2270	NORTH	2265	EAST	SAN JUAN

[12] Dedicated Acres		[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
240 Acres	S/2 NE/4 - Section 11 S/2 N/2 - Section 12			

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
2270' FNL 2265' FEL
SECTION 12, T24N, R10W
LAT: 36.32955 'N
LONG: 107.86400 'W
DATUM: NAD1927

LAT: 36.32956 'N
LONG: 107.86462 'W
DATUM: NAD1983

POINT-OF-ENTRY
2270' FNL 330' FEL
SECTION 11, T24N, R10W
LAT: 36.32957 'N
LONG: 107.83978 'W
DATUM: NAD1927

LAT: 36.32958 'N
LONG: 107.84040 'W
DATUM: NAD1983

SURFACE LOCATION
1670' FNL 262' FWL
SECTION 7, T24N, R9W
LAT: 36.33122 'N
LONG: 107.83777 'W
DATUM: NAD1927

LAT: 36.33123 'N
LONG: 107.83839 '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 or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Brenda Linster 10.22.12
Signature Date

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.

Date of Survey: JULY 9, 2012

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

Directions from the Intersection of US Hwy 550 & US Hwy 64

in Bloomfield, NM to Encana Oil & Gas (USA) Inc. Escrito E07-2409 02H

1670' FNL & 262' FWL, Section 7, T24N, R9W, N.M.P.M., San Juan County, NM

Latitude: 36.33123°N Longitude: 107.83839°W Datum: NAD1983

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Southerly on US Hwy 550 for 27.9 miles to State Hwy #57 @ Mile Marker 123.4;

Go right (South-westerly) on State Hwy #57 for 2.3 miles to fork in road;

Go left (Southerly) exiting State Hwy #57 for 0.25 miles to new access on right-hand side of existing roadway which continues for 225' to staked location.

Escrito E07-2409 02H
SHL: SWNW Section 7, T24N, R9W
1670 FNL and 262 FWL
BHL: SWNE Section 11, T24N, R10W
2270 FNL and 2265 FEL
San Juan County, New Mexico
Lease Number: NMNM 112955

Encana Oil & Gas (USA) Inc.
Drilling Plan

1. ESTIMATED TOPS OF GEOLOGICAL MARKERS (TVD)

The estimated tops of important geologic markers are as follows:

Formation	Depth (TVD)
Ojo Alamo Ss.	942'
Kirtland	1120'
Fruitland Coal	1530'
Pictured Cliffs	1778'
Lewis	1922'
Cliffhouse	2606'
Menefee	3315'
Point Lookout	4242'
Mancos Shale	4452'
Mancos Silt	5045'
Gallup	5247'

The referenced surface elevation is 6878', KB 6891'

2. ESTIMATED DEPTH OF POTENTIAL WATER, OIL, GAS, & OTHER MINERAL BEARING FORMATIONS

Substance	Formation	Depth (TVD)
Gas	Fruitland Coal	1530'
Gas	Pictured Cliffs	1778'
Gas	Cliffhouse	2606'
Gas	Point Lookout	4242'
Oil/Gas	Mancos	4452'

All shows of fresh water and minerals will be reported and protected.

3. PRESSURE CONTROL

a) Pressure control equipment and configuration will be designed to meet 2M standards.
b) Working pressure on rams and BOPE will be 3,000 psi
c) Function test and visual inspection of the BOP will be conducted daily and noted in the IADC Daily Drilling Report.
d) The Annular BOP will be pressure tested to a minimum of 50 percent of its rated working pressure.
e) Blind and Pipe Rams/BOP will be tested against a test plug to 100 percent of rated working pressure.
f) Pressure tests are required before drilling out from under all casing strings set and cemented in place.
g) BOP controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned.
h) BOP testing procedures and testing frequency will conform to Onshore Order No. 2.

i) BOP remote controls shall be located on the rig floor at a location readily accessible to the driller. Master controls shall be on the ground at the accumulator and shall have the capability to function all preventers.
j) The kill line shall be 2-inch minimum and contain two kill line valves, one of which shall be a check valve.
k) The choke line shall be a 2-inch minimum and contain two choke line valves (2-inch minimum).
l) The choke and manifold shall contain two adjustable chokes.
m) Hand wheels shall be installed on all ram preventers.
n) Safety valves and wrenches (with subs for drill string connections) shall be available on the rig floor at all times.
o) Inside BOP or float sub shall also be available on the rig floor at all times.

Proposed BOP and choke manifold arrangements are attached.

4. CASING & CEMENTING PROGRAM

The proposed casing and cementing program has been designed to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. All indications of useable water shall be reported.

a) The proposed casing design is as follows:

Casing	Depth	Hole Size	Csg Size	Weight	Grade
Conductor	0-60'	30"	20"	94#	H40, STC New
Surface	0'-500'	12 1/4"	9 5/8"	36#	J55, STC New
Intermediate	0'-5934'MD	8 1/2"	7"	26#	J55, LTC New
Production Liner	5734'-13168'MD	6 1/8"	4 1/2"	11.6#	B80*, LTC New

Casing String				Casing Strength Properties			Minimum Design Factors		
Size	Weight (lb/ft)	Grade	Connection	Collapse (psi)	Burst (psi)	Tensile (1000lb)	Collapse	Burst	Tension
9 5/8"	36	J55	STC	2020	3520	394	1.125	1.1	1.5
7"	26	J55	LTC	4320	4980	367	1.125	1.1	1.5
4 1/2"	11.6	B80	LTC	6350	7780	201	1.125	1.1	1.5

*B80 pipe specifications are attached

Casing design is subject to revision based on geologic conditions encountered.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1,500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.

b) The proposed cementing program is as follows:

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a pre-flush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.

Escrito E07-2409 02H
SHL: SWNW Section 7, T24N, R9W
1670 FNL and 262 FWL
BHL: SWNE Section 11, T24N, R10W
2270 FNL and 2265 FEL
San Juan County, New Mexico
Lease Number: NMNM 112955

Casing	Depth	Cement Volume (sacks)	Cement Type&Yield	Designed TOC	Centralizers
Conductor	60'	100sk	Type I Neat 14.8 ppg	Surface	None
Surface	500'	178sk	Type III Cement + 1% CaCl + 0.25lb/sk Cello Flake + 0.2% FL, 14.6ppg, 1.38cuf/sk	Surface	1 per joint on bottom 3 joints
Intermediate	5934'MD	30% open hole excess Lead:155sk Tail: 476sk	Lead: PremLite + 3% CaCl + 0.25lb/sk CelloFlake + 5lb/sk LCM, 12.1ppg 2.13cuft/sk Tail: Type III Cmt + 1% CaCl + 0.25lb/sk Cello Flake 14.5ppg 1.38cuft/sk	Surface	1 per joint for bottom 3 joints, 1 every 3 joints for remaining joints
Production Liner*	5734'-13168'	None – External casing packers	N/A	N/A	N/A

*Production liner clarification: Utilizing external swell casing packer system for zonal isolation will not use cement in the production liner.

Actual volumes will be calculated and determined by conditions onsite. All cement slurries will meet or exceed minimum BLM and New Mexico Oil Conservation Division requirements. Slurries used will be the slurries listed above or equivalent slurries depending on service provider selected. Cement yields may change depending on slurries selected.

All waiting on cement times shall be a minimum of 8 hours or adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. WELL PLAN & DIRECTIONAL DRILLING PROGRAM

The proposed horizontal well will have a kick off point of 4680'. Directional plans are attached.

Description	Proposed Depth (TVD/MD)	Formation
Horizontal Lateral TD	5399'/13168'	Gallup

Escrito E07-2409 02H
SHL: SWNW Section 7, T24N, R9W
1670 FNL and 262 FWL
BHL: SWNE Section 11, T24N, R10W
2270 FNL and 2265 FEL
San Juan County, New Mexico
Lease Number: NMNM 112955

6. DRILLING FLUIDS PROGRAM

a) Surface through Intermediate Casing Point:

Hole Size (in)	Depth (ft)	Mud Type	Density (lb/gal)	Viscosity (sec/qt)	Fluid Loss (cc)
30"	0-60' TVD	Fresh Water	8.3-9.2	38-100	4-28
12 1/4"	0-500' TVD	Fresh Water	8.4-8.6	60-70	NC
8 1/2"	500'TVD-5456'TVD/5934'MD	Fresh Water LSND	8.5-8.8	40-50	8-10

b) Intermediate Casing Point to TD:

Hole Size (in)	MD (ft)	Mud Type	Density (lb/gal)	Viscosity (sec/qt)	Fluid Loss (cc)
6 1/8"	5934'-13168'	Synthetic Oil Based Mud	8.6-9.0	15-25	<15

c) There will be sufficient mud on location to control a blowout should one occur. Mud flow and volume will be monitored both visually and with electronic pit volume totalizers. Mud tests shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.

d) A closed-loop system will be used to recover drilling fluid and dry cuttings in both phases of the well and on all hole intervals, including fresh water and oil-based operations. Above-ground tanks will be utilized to hold cuttings and fluids for rig operations. A frac tank will be on location to store fresh water. Waste will be disposed of properly at an EPA-approved hazardous waste facility. Fresh water cuttings will be disposed of at Basin Disposal, Inc. and/or Industrial Ecosystems, Inc. The location will be lined in accordance wit the Surface Use Plan of Operations.

7. TESTING, CORING and LOGGING

a) Drill Stem Testing – None anticipated
b) Coring – None anticipated.
c) Mud Logging – Mud loggers will be on location from kick off point to TD.
d) Logging – See Below

Cased Hole:
CBL/CCL/GR/VDL will be run as needed for perforating control

8. ABNORMAL PRESSURES & HYDROGEN SULFIDE

The anticipated bottom hole pressure is +/- 2556 psi based on a 9.0 ppg at 5461' TVD of the landing point of the horizontal lateral. No abnormal pressure or temperatures are anticipated.

No hydrogen sulfide gas is anticipated, however, if H_2S is encountered, the guidelines in Onshore Order No. 6 will be followed.

Escrito E07-2409 02H
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1670 FNL and 262 FWL
BHL: SWNE Section 11, T24N, R10W
2270 FNL and 2265 FEL
San Juan County, New Mexico
Lease Number: NMNM 112955

9. ANTICIPATED START DATE AND DURATION OF OPERATIONS

Drilling is estimated to commence on January 31, 2013. It is anticipated that completion operations will begin within 30 days after the well has been drilled depending on fracture treatment schedules with various pumping service companies.

It is anticipated that the drilling of this well will take approximately 25 days.

LOC: Sec 7-T24N-R9W County: San Juan WELL: Escrito E07-2409 02H	Encana Natural Gas WELL SUMMARY	encana natural gas	ENG: J. Fox/ A. RIG: GLE: 6878 RKBE: 6891	10/10/12

MWD LWD	OPEN HOLE LOGGING	FORM	DEPTH TVD	DEPTH MD	HOLE SIZE	CASING SPECS	MW MUD TYPE	DEVIATION INFORMATION
			60	60'	30	**20" 94#** 100sx Type I Neat 48.8ppg cmt	Fresh wtr 8.3-9.2	
Surveys After csg is run	None		500	500	12 1/4	**9 5/8" 36ppf J55 STC** TOC @ surface 178 sks Type III Cmt	Fresh wtr 8.4-8.6	Vertical <1°
Surveys every 500'	No OH logs	Ojo Alamo Kirtland Fruitland Coal Pictured Cliffs Ss Lewis Shale Cliffhouse Ss Menefee Fn Point Lookout Ss	942 1,120 1530 1778 1922 2606 3315 4242		8 1/2	**7" 26ppf J55 LTC** TOC @ surface 30% OH excess: 631 sks Lead 155 sks Tail 476sks	Fresh Wtr 8.5-8.8	Vertical <1°
	Mud logger onsite	Mancos Sh **KICK OFF PT** Mancos Silt Gallup Top	4452 4680 5045 5247					KOP 4680 10 deg/100'
			5456	**5934**				
		horz target Base Gallup	**5461** 5553	**6034**	**6 1/8**	200' overlap at liner top 7135' Lateral	8.6-9.0 OBM	.25deg updip 5399'TVD TD = 13168' MD
Surveys every 500' Gyro at CP MWD Gamma Directional	No OH Logs					**4 1/2" 11.6ppf SB80 LTC** Running external swellable csg packers for isolation of prod string	Switch to OBM 8.6-9.0	

NOTES:

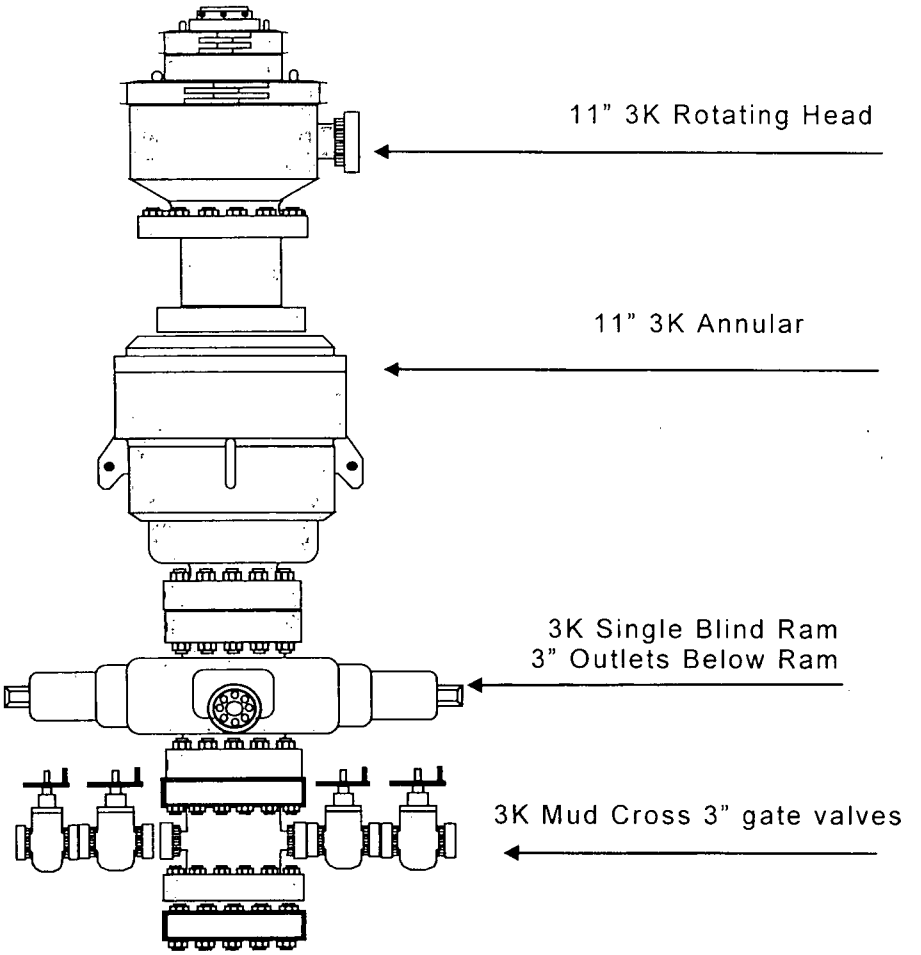
1) Drill with 30" bit to 60', set 20" 94# conductor pipe
2) Drill surface to 500', R&C 9 5/8" casing
3) N/U BOP and surface equipment
4) Drill to KOP of 4680' , 8 1/2" hole size,
5) PU directional tools and start curve at 10deg/100' build rate
6) Drill to casing point of 5934' MD
7) R&C 7" casing, circ cmt to surface, switch to OBM
8) Land at 90deg, drill 7135' lateral to 13168', run 4 1/2" liner with external swellable csg packers

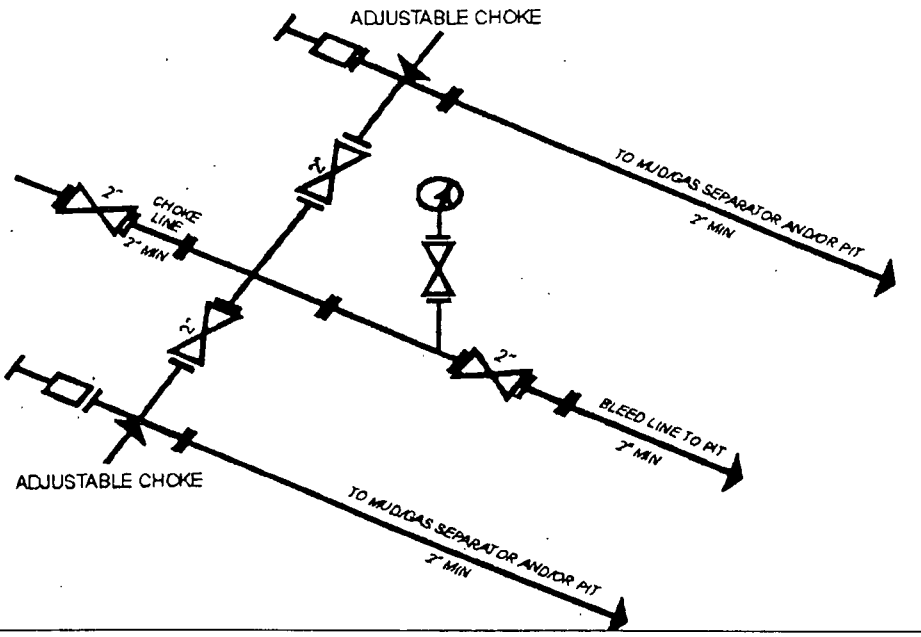
WELLHEAD BLOWOUT CONTROL SYSTEM

encana
natural gas

Well name and number:

Escrito E07-2409 02H





Boomerang Tube LLC

CASING (OR) TUBING DESCRIPTION AND PERFORMANCE PROPERTIES

Pipe Outside Diameter (ins)	4.500
Pipe Wall Thickness (ins)	0.250
Nominal Weight Per Foot (lbs)	11.60
Thread Name	Long Thread CSG
Grade Name	SB-80
Pipe Minimum Yield (psi)	80,000
Pipe Minimum Ultimate (psi)	90,000
Coupling Minimum Yield (psi)	80,000
Coupling Minimum Ultimate (psi)	100,000
Coupling or Joint Outside Diameter (ins)	5.000
Drift Diameter (ins)	3.875
Plain End Weight per Foot (lbs)	11.36
Joint Strength (lbs)	201,000
Internal Yield (psi)	7,780
Collapse Rating (psi)	6,350

MAXIMUM DEPTH/LENGTH BASED ON MUD WTS & SAFETY FACTORS

Drilling Mud Weight (ppg)	9.625
Tension Safety Factor	1.80
Maximum Tension Length (ft)	9,630
Internal Yield Safety Factor	1.10
Maximum Depth for Internal Yield (ft)	14,150
Collapse Safety Factor	1.125
Maximum Collapse Depth (ft)	11,290

API RELATED VALUES and INTERMEDIATE CALCULATION RESULTS

Coupling Thread Fracture Strength	464,000
Pipe Thread Fracture Strength (lbs)	201,000
Pipe Body Plain End Yield (lbs)	267,000
Round Thread Pull-Out (lbs)	219,000
Minimum Make-up Torque (ft-lbs)	1,640
Nominal Make-up Torque (ft-lbs)	2,190
Maximum Make-up Torque (ft-lbs)	2,740
Coupling Internal Yield (psi)	10,660
Pipe Body Internal Yield (psi)	7,780
Leak @ E1 or E7 plane (psi)	17,920
Pipe Hydrostatic Test Pressure @ 80 % SMYS	7,100

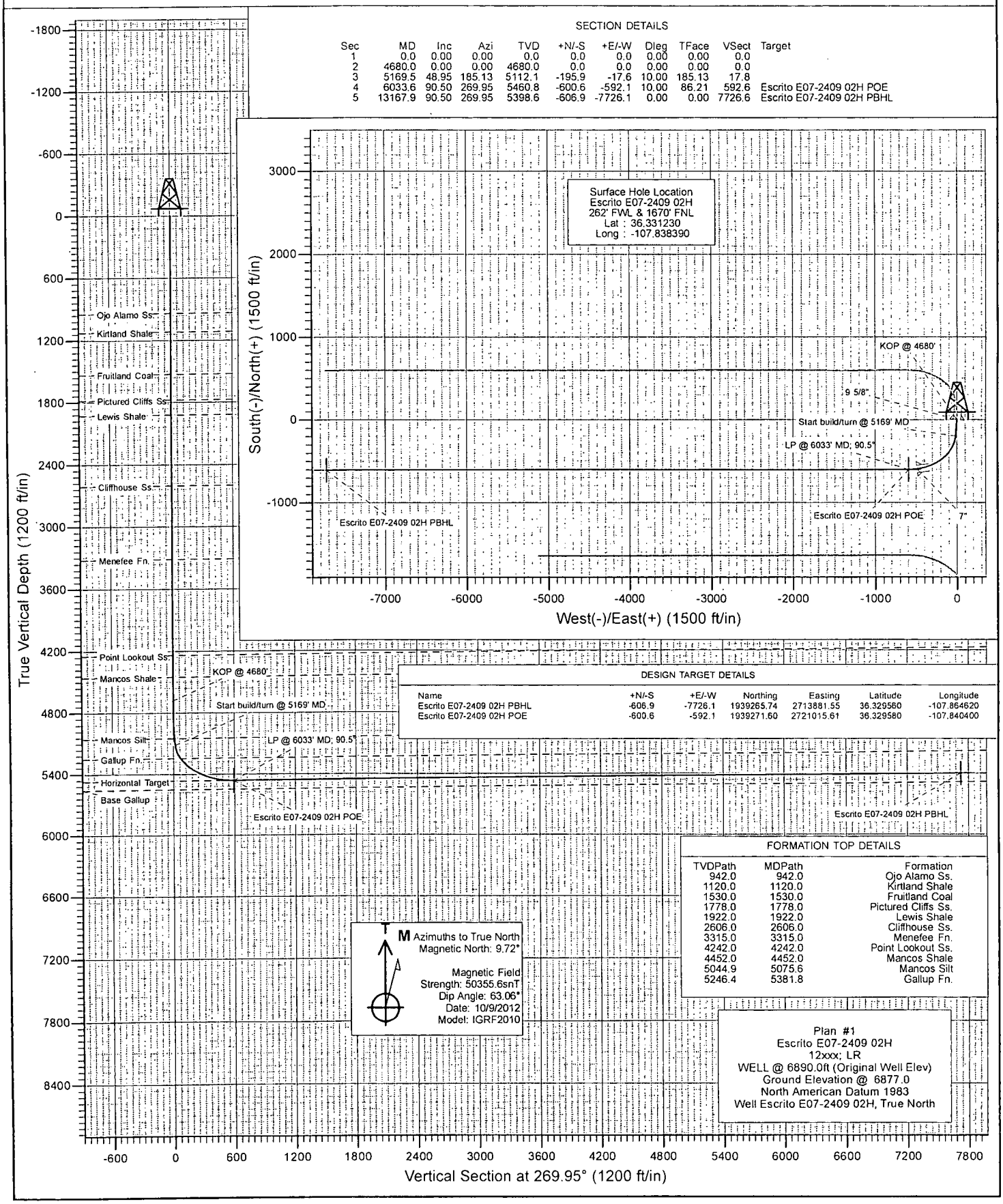
encana natural gas

Project: San Juan Co, NM
Site: S7- T24N-R9W
Well: Escrito E07-2409 02H
Wellbore: Hz
Design: Plan #1

CATHEDRAL

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4680.0	0.00	0.00	4680.0	0.0	0.0	0.00	0.00	0.0	
3	5169.5	48.95	185.13	5112.1	-195.9	-17.6	10.00	185.13	17.8	
4	6033.6	90.50	269.95	5460.8	-600.6	-592.1	10.00	86.21	592.6	Escrito E07-2409 02H POE
5	13167.9	90.50	269.95	5398.6	-606.9	-7726.1	0.00	0.00	7726.6	Escrito E07-2409 02H PBHL



DESIGN TARGET DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Escrito E07-2409 02H PBHL	-606.9	-7726.1	1939265.74	2713881.55	36.329560	-107.864620
Escrito E07-2409 02H POE	-600.6	-592.1	1939271.60	2721015.61	36.329580	-107.840400

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
942.0	942.0	Ojo Alamo Ss.
1120.0	1120.0	Kirtland Shale
1530.0	1530.0	Fruitland Coal
1778.0	1778.0	Pictured Cliffs Ss.
1922.0	1922.0	Lewis Shale
2606.0	2606.0	Cliffhouse Ss.
3315.0	3315.0	Menefee Fn.
4242.0	4242.0	Point Lookout Ss.
4452.0	4452.0	Mancos Shale
5044.9	5075.6	Mancos Silt
5246.4	5381.8	Gallup Fn.

M Azimuths to True North
Magnetic North: 9.72°

Magnetic Field
Strength: 50355.6snT
Dip Angle: 63.06°
Date: 10/9/2012
Model: IGRF2010

Plan #1
Escrito E07-2409 02H
12xxx; LR
WELL @ 6890.0ft (Original Well Elev)
Ground Elevation @ 6877.0
North American Datum 1983
Well Escrito E07-2409 02H, True North

Planning Report

Database:	USA EDM 5000 Multi Users DB	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Project:	San Juan Co, NM	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site:	S7- T24N-R9W	**North Reference:**	True
Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

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	S7- T24N-R9W				
Site Position:		**Northing:**	1,939,904.96 ft	**Latitude:**	36.331320
From:	Lat/Long	**Easting:**	2,721,607.69 ft	**Longitude:**	-107.838390
Position Uncertainty:	0.0 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	0.00 °

Well	Escrito E07-2409 02H					
Well Position	**+N/-S**	0.0 ft	**Northing:**	1,939,872.21 ft	**Latitude:**	36.331230
	+E/-W	0.0 ft	**Easting:**	2,721,607.69 ft	**Longitude:**	-107.838390
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,877.0 ft

Wellbore	Hz				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	10/9/2012	9.72	63.06	50,356

Design	Plan #1				
Audit Notes:					
Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	0.0	0.0	0.0	269.95	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,680.0	0.00	0.00	4,680.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,169.5	48.95	185.13	5,112.1	-195.9	-17.6	10.00	10.00	0.00	185.13	
6,033.6	90.50	269.95	5,460.8	-600.6	-592.1	10.00	4.81	9.82	86.21	Escrito E07-2409 02H
13,167.9	90.50	269.95	5,398.6	-606.9	-7,726.1	0.00	0.00	0.00	0.00	Escrito E07-2409 02H

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Project:	San Juan Co, NM	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site:	S7- T24N-R9W	**North Reference:**	True
Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	9 5/8"
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	
942.0	0.00	0.00	942.0	0.0	0.0	0.0	0.00	0.00	Ojo Alamo Ss.
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	
1,120.0	0.00	0.00	1,120.0	0.0	0.0	0.0	0.00	0.00	Kirtland Shale
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	
1,530.0	0.00	0.00	1,530.0	0.0	0.0	0.0	0.00	0.00	Fruitland Coal
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	
1,778.0	0.00	0.00	1,778.0	0.0	0.0	0.0	0.00	0.00	Pictured Cliffs Ss.
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	
1,922.0	0.00	0.00	1,922.0	0.0	0.0	0.0	0.00	0.00	Lewis Shale
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	
2,606.0	0.00	0.00	2,606.0	0.0	0.0	0.0	0.00	0.00	Cliffhouse Ss.
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	
3,315.0	0.00	0.00	3,315.0	0.0	0.0	0.0	0.00	0.00	Menefee Fn.
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	
4,242.0	0.00	0.00	4,242.0	0.0	0.0	0.0	0.00	0.00	Point Lookout Ss.
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	

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Project:	San Juan Co, NM	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site:	S7- T24N-R9W	**North Reference:**	True
Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	
4,452.0	0.00	0.00	4,452.0	0.0	0.0	0.0	0.00	0.00	Mancos Shale
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	
4,680.0	0.00	0.00	4,680.0	0.0	0.0	0.0	0.00	0.00	KOP @ 4680'
4,700.0	2.00	185.13	4,700.0	-0.3	0.0	0.0	10.00	10.00	
4,800.0	12.00	185.13	4,799.1	-12.5	-1.1	1.1	10.00	10.00	
4,900.0	22.00	185.13	4,894.6	-41.6	-3.7	3.8	10.00	10.00	
5,000.0	32.00	185.13	4,983.6	-86.7	-7.8	7.9	10.00	10.00	
5,077.2	39.72	185.13	5,046.1	-131.7	-11.8	12.0	10.00	10.00	Mancos Silt
5,100.0	42.00	185.13	5,063.4	-146.6	-13.2	13.3	10.00	10.00	
5,169.5	48.95	185.13	5,112.1	-195.9	-17.6	17.8	10.00	10.00	Start build/turn @ 5169' MD
5,200.0	49.23	189.15	5,132.1	-218.8	-20.5	20.7	10.00	0.89	
5,300.0	51.06	201.97	5,196.3	-292.4	-41.1	41.3	10.00	1.84	
5,388.0	53.78	212.55	5,250.1	-354.2	-73.1	73.4	10.00	3.08	Gallup Fn.
5,400.0	54.22	213.92	5,257.1	-362.3	-78.4	78.7	10.00	3.67	
5,500.0	58.45	224.82	5,312.7	-426.3	-131.2	131.5	10.00	4.23	
5,600.0	63.52	234.69	5,361.2	-482.6	-197.9	198.3	10.00	5.07	
5,700.0	69.21	243.67	5,401.4	-529.3	-276.5	277.0	10.00	5.69	
5,800.0	75.34	251.98	5,431.9	-565.1	-364.6	365.1	10.00	6.12	
5,900.0	81.74	259.83	5,451.7	-588.9	-459.6	460.1	10.00	6.40	
5,934.0	83.95	262.43	5,456.0	-594.1	-492.9	493.4	10.00	6.52	7"
6,000.0	88.29	267.42	5,460.4	-599.9	-558.5	559.0	10.00	6.56	
6,033.6	90.50	269.95	5,460.8	-600.6	-592.1	592.6	10.00	6.59	LP @ 6033' MD; 90.5° - Escrito E07-2409 02H I
6,100.0	90.50	269.95	5,460.2	-600.7	-658.4	659.0	0.00	0.00	
6,200.0	90.50	269.95	5,459.3	-600.8	-758.4	759.0	0.00	0.00	
6,300.0	90.50	269.95	5,458.5	-600.9	-858.4	859.0	0.00	0.00	
6,400.0	90.50	269.95	5,457.6	-601.0	-958.4	959.0	0.00	0.00	
6,500.0	90.50	269.95	5,456.7	-601.0	-1,058.4	1,059.0	0.00	0.00	
6,600.0	90.50	269.95	5,455.9	-601.1	-1,158.4	1,159.0	0.00	0.00	
6,700.0	90.50	269.95	5,455.0	-601.2	-1,258.4	1,258.9	0.00	0.00	
6,800.0	90.50	269.95	5,454.1	-601.3	-1,358.4	1,358.9	0.00	0.00	
6,900.0	90.50	269.95	5,453.2	-601.4	-1,458.4	1,458.9	0.00	0.00	
7,000.0	90.50	269.95	5,452.4	-601.5	-1,558.4	1,558.9	0.00	0.00	
7,100.0	90.50	269.95	5,451.5	-601.6	-1,658.4	1,658.9	0.00	0.00	
7,200.0	90.50	269.95	5,450.6	-601.7	-1,758.4	1,758.9	0.00	0.00	
7,300.0	90.50	269.95	5,449.8	-601.7	-1,858.4	1,858.9	0.00	0.00	
7,400.0	90.50	269.95	5,448.9	-601.8	-1,958.4	1,958.9	0.00	0.00	
7,500.0	90.50	269.95	5,448.0	-601.9	-2,058.4	2,058.9	0.00	0.00	
7,600.0	90.50	269.95	5,447.1	-602.0	-2,158.4	2,158.9	0.00	0.00	
7,700.0	90.50	269.95	5,446.3	-602.1	-2,258.4	2,258.9	0.00	0.00	
7,800.0	90.50	269.95	5,445.4	-602.2	-2,358.4	2,358.9	0.00	0.00	
7,900.0	90.50	269.95	5,444.5	-602.3	-2,458.4	2,458.9	0.00	0.00	
8,000.0	90.50	269.95	5,443.6	-602.4	-2,558.4	2,558.9	0.00	0.00	
8,100.0	90.50	269.95	5,442.8	-602.4	-2,658.4	2,658.9	0.00	0.00	
8,200.0	90.50	269.95	5,441.9	-602.5	-2,758.4	2,758.9	0.00	0.00	
8,300.0	90.50	269.95	5,441.0	-602.6	-2,858.4	2,858.9	0.00	0.00	
8,400.0	90.50	269.95	5,440.2	-602.7	-2,958.4	2,958.9	0.00	0.00	
8,500.0	90.50	269.95	5,439.3	-602.8	-3,058.4	3,058.9	0.00	0.00	
8,600.0	90.50	269.95	5,438.4	-602.9	-3,158.3	3,158.9	0.00	0.00	
8,700.0	90.50	269.95	5,437.5	-603.0	-3,258.3	3,258.9	0.00	0.00	
8,800.0	90.50	269.95	5,436.7	-603.1	-3,358.3	3,358.9	0.00	0.00	

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Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
8,900.0	90.50	269.95	5,435.8	-603.1	-3,458.3	3,458.9	0.00	0.00	
9,000.0	90.50	269.95	5,434.9	-603.2	-3,558.3	3,558.9	0.00	0.00	
9,100.0	90.50	269.95	5,434.1	-603.3	-3,658.3	3,658.9	0.00	0.00	
9,200.0	90.50	269.95	5,433.2	-603.4	-3,758.3	3,758.9	0.00	0.00	
9,300.0	90.50	269.95	5,432.3	-603.5	-3,858.3	3,858.8	0.00	0.00	
9,400.0	90.50	269.95	5,431.4	-603.6	-3,958.3	3,958.8	0.00	0.00	
9,500.0	90.50	269.95	5,430.6	-603.7	-4,058.3	4,058.8	0.00	0.00	
9,600.0	90.50	269.95	5,429.7	-603.8	-4,158.3	4,158.8	0.00	0.00	
9,700.0	90.50	269.95	5,428.8	-603.8	-4,258.3	4,258.8	0.00	0.00	
9,800.0	90.50	269.95	5,427.9	-603.9	-4,358.3	4,358.8	0.00	0.00	
9,900.0	90.50	269.95	5,427.1	-604.0	-4,458.3	4,458.8	0.00	0.00	
10,000.0	90.50	269.95	5,426.2	-604.1	-4,558.3	4,558.8	0.00	0.00	
10,100.0	90.50	269.95	5,425.3	-604.2	-4,658.3	4,658.8	0.00	0.00	
10,200.0	90.50	269.95	5,424.5	-604.3	-4,758.3	4,758.8	0.00	0.00	
10,300.0	90.50	269.95	5,423.6	-604.4	-4,858.3	4,858.8	0.00	0.00	
10,400.0	90.50	269.95	5,422.7	-604.5	-4,958.3	4,958.8	0.00	0.00	
10,500.0	90.50	269.95	5,421.8	-604.5	-5,058.3	5,058.8	0.00	0.00	
10,600.0	90.50	269.95	5,421.0	-604.6	-5,158.3	5,158.8	0.00	0.00	
10,700.0	90.50	269.95	5,420.1	-604.7	-5,258.3	5,258.8	0.00	0.00	
10,800.0	90.50	269.95	5,419.2	-604.8	-5,358.3	5,358.8	0.00	0.00	
10,900.0	90.50	269.95	5,418.4	-604.9	-5,458.3	5,458.8	0.00	0.00	
11,000.0	90.50	269.95	5,417.5	-605.0	-5,558.3	5,558.8	0.00	0.00	
11,100.0	90.50	269.95	5,416.6	-605.1	-5,658.3	5,658.8	0.00	0.00	
11,200.0	90.50	269.95	5,415.7	-605.2	-5,758.2	5,758.8	0.00	0.00	
11,300.0	90.50	269.95	5,414.9	-605.2	-5,858.2	5,858.8	0.00	0.00	
11,400.0	90.50	269.95	5,414.0	-605.3	-5,958.2	5,958.8	0.00	0.00	
11,500.0	90.50	269.95	5,413.1	-605.4	-6,058.2	6,058.8	0.00	0.00	
11,600.0	90.50	269.95	5,412.2	-605.5	-6,158.2	6,158.8	0.00	0.00	
11,700.0	90.50	269.95	5,411.4	-605.6	-6,258.2	6,258.8	0.00	0.00	
11,800.0	90.50	269.95	5,410.5	-605.7	-6,358.2	6,358.8	0.00	0.00	
11,900.0	90.50	269.95	5,409.6	-605.8	-6,458.2	6,458.7	0.00	0.00	
12,000.0	90.50	269.95	5,408.8	-605.9	-6,558.2	6,558.7	0.00	0.00	
12,100.0	90.50	269.95	5,407.9	-605.9	-6,658.2	6,658.7	0.00	0.00	
12,200.0	90.50	269.95	5,407.0	-606.0	-6,758.2	6,758.7	0.00	0.00	
12,300.0	90.50	269.95	5,406.1	-606.1	-6,858.2	6,858.7	0.00	0.00	
12,400.0	90.50	269.95	5,405.3	-606.2	-6,958.2	6,958.7	0.00	0.00	
12,500.0	90.50	269.95	5,404.4	-606.3	-7,058.2	7,058.7	0.00	0.00	
12,600.0	90.50	269.95	5,403.5	-606.4	-7,158.2	7,158.7	0.00	0.00	
12,700.0	90.50	269.95	5,402.7	-606.5	-7,258.2	7,258.7	0.00	0.00	
12,800.0	90.50	269.95	5,401.8	-606.6	-7,358.2	7,358.7	0.00	0.00	
12,900.0	90.50	269.95	5,400.9	-606.6	-7,458.2	7,458.7	0.00	0.00	
13,000.0	90.50	269.95	5,400.0	-606.7	-7,558.2	7,558.7	0.00	0.00	
13,100.0	90.50	269.95	5,399.2	-606.8	-7,658.2	7,658.7	0.00	0.00	
13,167.9	90.50	269.95	5,398.6	-606.9	-7,726.1	7,726.6	0.00	0.00	TD at 13167.9 - Escrito E07-2409 02H PBHL

Database:	USA EDM 5000 Multi Users DB	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Project:	San Juan Co, NM	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site:	S7- T24N-R9W	**North Reference:**	True
Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

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
Escrito E07-2409 02H P - plan hits target center - Point	0.00	0.00	5,460.8	-600.6	-592.1	1,939,271.60	2,721,015.61	36.329580	-107.840400
Escrito E07-2409 02H P - plan hits target center - Point	0.00	0.00	5,398.6	-606.9	-7,726.1	1,939,265.74	2,713,881.55	36.329560	-107.864620

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
5,934.0	5,456.0	7"	7.000	7.500
500.0	500.0	9 5/8"	9.625	12.250

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
942.0	942.0	Ojo Alamo Ss.		-0.50	
1,120.0	1,120.0	Kirtland Shale		-0.50	
1,530.0	1,530.0	Fruitland Coal		-0.50	
1,778.0	1,778.0	Pictured Cliffs Ss.		-0.50	
1,922.0	1,922.0	Lewis Shale		-0.50	
2,606.0	2,606.0	Cliffhouse Ss.		-0.50	
3,315.0	3,315.0	Menefee Fn.		-0.50	
4,242.0	4,242.0	Point Lookout Ss.		-0.50	
4,452.0	4,452.0	Mancos Shale		-0.50	
5,077.2	5,045.0	Mancos Silt		-0.50	
5,388.0	5,247.0	Gallup Fn.		-0.50	

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
4,680.0	4,680.0	0.0	0.0	KOP @ 4680'
5,169.5	5,112.1	-195.9	-17.6	Start build/turn @ 5169' MD
6,033.6	5,460.8	-600.6	-592.1	LP @ 6033' MD; 90.5°
13,167.9	5,398.6	-606.9	-7,726.1	TD at 13167.9

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Reference Plan #1

Filter type:	GLOBAL FILTER APPLIED: All wellpaths within 200'+ 100/1000 of reference		
Interpolation Method:	MD Interval 100.0ft	**Error Model:**	Systematic Ellipse
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 1,516.8ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 10/9/2012

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	13,167.8	Plan #1 (Hz)	MWD	Geolink MWD

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
S7- T24N-R9W						
Escrito E07-2409 01H - Hz - Plan #1	4,600.0	4,600.0	32.8	16.7	2.045	CC, ES
Escrito E07-2409 01H - Hz - Plan #1	4,700.0	4,700.0	33.1	16.7	2.024	SF
Escrito L07-2409 01H - Hz - Plan #1	6,052.9	6,641.6	1,033.1	992.7	25.569	CC
Escrito L07-2409 01H - Hz - Plan #1	10,600.0	11,161.4	1,041.0	780.7	4.000	ES
Escrito L07-2409 01H - Hz - Plan #1	10,700.0	11,161.4	1,048.5	785.8	3.991	SF
Good Times E07-2409 01H - HZ - Plan #1	4,600.0	4,600.0	32.8	16.8	2.046	CC, ES, SF
Good Times E07-2409 02H - HZ - Plan #1	4,600.0	4,600.0	0.0	-16.0	0.000	Level 1, CC, SF
Good Times E07-2409 02H - HZ - Plan #1	13,167.9	13,156.4	11.2	-34.1	0.247	Level 1, ES

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Escrito E07-2409 01H - Hz - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-MWD — Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	0.00	32.8	0.0	32.8				
100.0	100.0	100.0	100.0	0.2	0.2	0.00	32.8	0.0	32.8	32.4	0.30	107.846	
200.0	200.0	200.0	200.0	0.3	0.3	0.00	32.8	0.0	32.8	32.1	0.65	50.174	
300.0	300.0	300.0	300.0	0.5	0.5	0.00	32.8	0.0	32.8	31.7	1.00	32.692	
400.0	400.0	400.0	400.0	0.7	0.7	0.00	32.8	0.0	32.8	31.4	1.35	24.244	
500.0	500.0	500.0	500.0	0.8	0.8	0.00	32.8	0.0	32.8	31.1	1.70	19.266	
600.0	600.0	600.0	600.0	1.0	1.0	0.00	32.8	0.0	32.8	30.7	2.05	15.984	
700.0	700.0	700.0	700.0	1.2	1.2	0.00	32.8	0.0	32.8	30.4	2.40	13.657	
800.0	800.0	800.0	800.0	1.4	1.4	0.00	32.8	0.0	32.8	30.0	2.75	11.922	
900.0	900.0	900.0	900.0	1.5	1.5	0.00	32.8	0.0	32.8	29.7	3.10	10.578	
1,000.0	1,000.0	1,000.0	1,000.0	1.7	1.7	0.00	32.8	0.0	32.8	29.3	3.45	9.506	
1,100.0	1,100.0	1,100.0	1,100.0	1.9	1.9	0.00	32.8	0.0	32.8	29.0	3.79	8.632	
1,200.0	1,200.0	1,200.0	1,200.0	2.1	2.1	0.00	32.8	0.0	32.8	28.6	4.14	7.904	
1,300.0	1,300.0	1,300.0	1,300.0	2.2	2.2	0.00	32.8	0.0	32.8	28.3	4.49	7.290	
1,400.0	1,400.0	1,400.0	1,400.0	2.4	2.4	0.00	32.8	0.0	32.8	27.9	4.84	6.765	
1,500.0	1,500.0	1,500.0	1,500.0	2.6	2.6	0.00	32.8	0.0	32.8	27.6	5.19	6.310	
1,600.0	1,600.0	1,600.0	1,600.0	2.8	2.8	0.00	32.8	0.0	32.8	27.2	5.54	5.912	
1,700.0	1,700.0	1,700.0	1,700.0	2.9	2.9	0.00	32.8	0.0	32.8	26.9	5.89	5.562	
1,800.0	1,800.0	1,800.0	1,800.0	3.1	3.1	0.00	32.8	0.0	32.8	26.5	6.24	5.250	
1,900.0	1,900.0	1,900.0	1,900.0	3.3	3.3	0.00	32.8	0.0	32.8	26.2	6.59	4.972	
2,000.0	2,000.0	2,000.0	2,000.0	3.5	3.5	0.00	32.8	0.0	32.8	25.8	6.94	4.722	
2,100.0	2,100.0	2,100.0	2,100.0	3.6	3.6	0.00	32.8	0.0	32.8	25.5	7.29	4.496	
2,200.0	2,200.0	2,200.0	2,200.0	3.8	3.8	0.00	32.8	0.0	32.8	25.1	7.63	4.290	
2,300.0	2,300.0	2,300.0	2,300.0	4.0	4.0	0.00	32.8	0.0	32.8	24.8	7.98	4.103	
2,400.0	2,400.0	2,400.0	2,400.0	4.2	4.2	0.00	32.8	0.0	32.8	24.4	8.33	3.931	
2,500.0	2,500.0	2,500.0	2,500.0	4.3	4.3	0.00	32.8	0.0	32.8	24.1	8.68	3.773	
2,600.0	2,600.0	2,600.0	2,600.0	4.5	4.5	0.00	32.8	0.0	32.8	23.7	9.03	3.627	
2,700.0	2,700.0	2,700.0	2,700.0	4.7	4.7	0.00	32.8	0.0	32.8	23.4	9.38	3.492	
2,800.0	2,800.0	2,800.0	2,800.0	4.9	4.9	0.00	32.8	0.0	32.8	23.0	9.73	3.367	
2,900.0	2,900.0	2,900.0	2,900.0	5.0	5.0	0.00	32.8	0.0	32.8	22.7	10.08	3.250	
3,000.0	3,000.0	3,000.0	3,000.0	5.2	5.2	0.00	32.8	0.0	32.8	22.3	10.43	3.141	
3,100.0	3,100.0	3,100.0	3,100.0	5.4	5.4	0.00	32.8	0.0	32.8	22.0	10.78	3.039	
3,200.0	3,200.0	3,200.0	3,200.0	5.6	5.6	0.00	32.8	0.0	32.8	21.6	11.12	2.944	
3,300.0	3,300.0	3,300.0	3,300.0	5.7	5.7	0.00	32.8	0.0	32.8	21.3	11.47	2.854	
3,400.0	3,400.0	3,400.0	3,400.0	5.9	5.9	0.00	32.8	0.0	32.8	20.9	11.82	2.770	
3,500.0	3,500.0	3,500.0	3,500.0	6.1	6.1	0.00	32.8	0.0	32.8	20.6	12.17	2.691	
3,600.0	3,600.0	3,600.0	3,600.0	6.3	6.3	0.00	32.8	0.0	32.8	20.2	12.52	2.616	
3,700.0	3,700.0	3,700.0	3,700.0	6.4	6.4	0.00	32.8	0.0	32.8	19.9	12.87	2.545	
3,800.0	3,800.0	3,800.0	3,800.0	6.6	6.6	0.00	32.8	0.0	32.8	19.5	13.22	2.478	
3,900.0	3,900.0	3,900.0	3,900.0	6.8	6.8	0.00	32.8	0.0	32.8	19.2	13.57	2.414	
4,000.0	4,000.0	4,000.0	4,000.0	7.0	7.0	0.00	32.8	0.0	32.8	18.8	13.92	2.353	
4,100.0	4,100.0	4,100.0	4,100.0	7.1	7.1	0.00	32.8	0.0	32.8	18.5	14.27	2.296	
4,200.0	4,200.0	4,200.0	4,200.0	7.3	7.3	0.00	32.8	0.0	32.8	18.1	14.62	2.241	
4,300.0	4,300.0	4,300.0	4,300.0	7.5	7.5	0.00	32.8	0.0	32.8	17.8	14.96	2.189	
4,400.0	4,400.0	4,400.0	4,400.0	7.7	7.7	0.00	32.8	0.0	32.8	17.4	15.31	2.139	
4,500.0	4,500.0	4,500.0	4,500.0	7.8	7.8	0.00	32.8	0.0	32.8	17.1	15.66	2.091	
4,600.0	4,600.0	4,600.0	4,600.0	8.0	8.0	0.00	32.8	0.0	32.8	16.7	16.01	2.045	CC, ES
4,658.3	4,658.3	4,658.3	4,658.3	8.1	8.1	174.96	32.8	0.0	33.3	17.1	16.21	2.057	
4,700.0	4,700.0	4,700.0	4,700.0	8.2	8.2	174.92	32.8	0.0	33.1	16.7	16.35	2.024	SF
4,800.0	4,799.1	4,791.2	4,790.8	8.4	8.3	174.93	39.9	-0.8	53.1	36.6	16.45	3.226	
4,900.0	4,894.6	4,867.6	4,865.2	8.6	8.5	174.44	56.9	-2.7	102.8	86.6	16.20	6.346	
5,000.0	4,983.6	4,923.2	4,917.6	8.9	8.6	173.58	75.4	-4.8	175.1	159.5	15.62	11.212	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Escrito E07-2409 01H - Hz - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	5,063.4	4,958.6	4,949.9	9.3	8.7	171.77	89.8	-6.4	262.3	247.5	14.80	17.721	
5,200.0	5,132.1	4,977.7	4,966.9	10.0	8.8	155.12	98.3	-7.3	357.7	342.8	14.95	23.935	
5,300.0	5,196.3	5,000.0	4,986.5	10.7	8.8	123.16	109.0	-8.5	454.1	436.3	17.82	25.479	
5,400.0	5,257.1	5,000.0	4,986.5	11.6	8.8	98.85	109.0	-8.5	548.0	528.1	19.93	27.494	
5,500.0	5,312.7	5,000.0	4,986.5	12.7	8.8	83.31	109.0	-8.5	638.8	617.8	20.96	30.479	
5,600.0	5,361.2	5,018.8	5,002.6	13.9	8.9	75.66	118.7	-9.6	724.9	703.3	21.66	33.476	
5,700.0	5,401.4	5,025.0	5,007.9	15.2	8.9	68.79	121.9	-10.0	806.2	784.1	22.10	36.481	
5,800.0	5,431.9	5,030.1	5,012.1	16.6	9.0	63.98	124.7	-10.3	881.8	859.3	22.41	39.341	
5,900.0	5,451.7	5,034.1	5,015.5	18.2	9.0	60.75	126.9	-10.5	950.9	928.2	22.64	41.997	
6,000.0	5,460.4	5,050.0	5,028.6	19.8	9.0	59.74	135.7	-11.5	1,013.3	990.3	22.98	44.087	
6,100.0	5,460.2	5,050.0	5,028.6	21.5	9.0	59.28	135.7	-11.5	1,071.0	1,046.8	24.21	44.245	
6,200.0	5,459.3	5,050.0	5,028.6	23.4	9.0	59.28	135.7	-11.5	1,134.0	1,107.9	26.06	43.512	
6,300.0	5,458.5	6,292.2	5,474.5	25.3	25.1	90.76	600.4	-859.6	1,201.4	1,155.5	45.87	26.192	
6,400.0	5,457.6	6,392.2	5,473.6	27.4	27.2	90.76	600.3	-959.6	1,201.4	1,151.0	50.40	23.837	
6,500.0	5,456.7	6,492.2	5,472.7	29.5	29.3	90.76	600.2	-1,059.6	1,201.4	1,146.4	55.00	21.842	
6,600.0	5,455.9	6,592.2	5,471.9	31.7	31.5	90.76	600.2	-1,159.6	1,201.4	1,141.7	59.66	20.136	
6,700.0	5,455.0	6,692.2	5,471.0	33.9	33.7	90.76	600.1	-1,259.6	1,201.4	1,137.0	64.37	18.665	
6,800.0	5,454.1	6,792.2	5,470.1	36.1	36.0	90.76	600.0	-1,359.6	1,201.4	1,132.3	69.10	17.386	
6,900.0	5,453.2	6,892.2	5,469.3	38.4	38.3	90.76	599.9	-1,459.6	1,201.4	1,127.5	73.87	16.264	
7,000.0	5,452.4	6,992.2	5,468.4	40.7	40.6	90.76	599.8	-1,559.6	1,201.4	1,122.7	78.65	15.275	
7,100.0	5,451.5	7,092.2	5,467.5	43.0	42.9	90.76	599.7	-1,659.6	1,201.4	1,117.9	83.46	14.395	
7,200.0	5,450.6	7,192.2	5,466.6	45.4	45.2	90.76	599.6	-1,759.6	1,201.4	1,113.1	88.28	13.609	
7,300.0	5,449.8	7,292.2	5,465.8	47.7	47.6	90.76	599.5	-1,859.6	1,201.4	1,108.3	93.12	12.902	
7,400.0	5,448.9	7,392.2	5,464.9	50.1	50.0	90.76	599.5	-1,959.6	1,201.4	1,103.4	97.96	12.264	
7,500.0	5,448.0	7,492.2	5,464.0	52.5	52.4	90.76	599.4	-2,059.6	1,201.4	1,098.6	102.82	11.685	
7,600.0	5,447.1	7,592.2	5,463.1	54.8	54.7	90.76	599.3	-2,159.6	1,201.4	1,093.7	107.68	11.157	
7,700.0	5,446.3	7,692.2	5,462.3	57.2	57.1	90.76	599.2	-2,259.6	1,201.4	1,088.8	112.55	10.674	
7,800.0	5,445.4	7,792.2	5,461.4	59.6	59.5	90.76	599.1	-2,359.6	1,201.4	1,084.0	117.43	10.231	
7,900.0	5,444.5	7,892.2	5,460.5	62.0	62.0	90.76	599.0	-2,459.6	1,201.4	1,079.1	122.32	9.822	
8,000.0	5,443.6	7,992.2	5,459.7	64.5	64.4	90.76	598.9	-2,559.6	1,201.4	1,074.2	127.20	9.445	
8,100.0	5,442.8	8,092.2	5,458.8	66.9	66.8	90.76	598.8	-2,659.6	1,201.4	1,069.3	132.10	9.095	
8,200.0	5,441.9	8,192.2	5,457.9	69.3	69.2	90.76	598.8	-2,759.6	1,201.4	1,064.4	136.99	8.770	
8,300.0	5,441.0	8,292.2	5,457.0	71.7	71.6	90.76	598.7	-2,859.6	1,201.4	1,059.5	141.90	8.467	
8,400.0	5,440.2	8,392.2	5,456.2	74.1	74.1	90.76	598.6	-2,959.5	1,201.4	1,054.6	146.80	8.184	
8,500.0	5,439.3	8,492.2	5,455.3	76.6	76.5	90.76	598.5	-3,059.5	1,201.4	1,049.7	151.71	7.919	
8,600.0	5,438.4	8,592.2	5,454.4	79.0	78.9	90.76	598.4	-3,159.5	1,201.4	1,044.8	156.61	7.671	
8,700.0	5,437.5	8,692.2	5,453.5	81.4	81.4	90.76	598.3	-3,259.5	1,201.4	1,039.9	161.53	7.438	
8,800.0	5,436.7	8,792.2	5,452.7	83.9	83.8	90.76	598.2	-3,359.5	1,201.4	1,035.0	166.44	7.218	
8,900.0	5,435.8	8,892.2	5,451.8	86.3	86.2	90.76	598.1	-3,459.5	1,201.4	1,030.0	171.36	7.011	
9,000.0	5,434.9	8,992.2	5,450.9	88.8	88.7	90.76	598.1	-3,559.5	1,201.4	1,025.1	176.27	6.816	
9,100.0	5,434.1	9,092.2	5,450.1	91.2	91.1	90.76	598.0	-3,659.5	1,201.4	1,020.2	181.19	6.631	
9,200.0	5,433.2	9,192.2	5,449.2	93.6	93.6	90.76	597.9	-3,759.5	1,201.4	1,015.3	186.11	6.455	
9,300.0	5,432.3	9,292.2	5,448.3	96.1	96.0	90.76	597.8	-3,859.5	1,201.4	1,010.4	191.04	6.289	
9,400.0	5,431.4	9,392.2	5,447.4	98.5	98.5	90.76	597.7	-3,959.5	1,201.4	1,005.4	195.96	6.131	
9,500.0	5,430.6	9,492.2	5,446.6	101.0	100.9	90.76	597.6	-4,059.5	1,201.4	1,000.5	200.88	5.981	
9,600.0	5,429.7	9,592.2	5,445.7	103.4	103.4	90.76	597.5	-4,159.5	1,201.4	995.6	205.81	5.837	
9,700.0	5,428.8	9,692.2	5,444.8	105.9	105.8	90.76	597.4	-4,259.5	1,201.4	990.7	210.74	5.701	
9,800.0	5,427.9	9,792.2	5,444.0	108.3	108.3	90.76	597.4	-4,359.5	1,201.4	985.7	215.66	5.571	
9,900.0	5,427.1	9,892.2	5,443.1	110.8	110.7	90.76	597.3	-4,459.5	1,201.4	980.8	220.59	5.446	
10,000.0	5,426.2	9,992.2	5,442.2	113.2	113.2	90.76	597.2	-4,559.5	1,201.4	975.9	225.52	5.327	
10,100.0	5,425.3	10,092.2	5,441.3	115.7	115.6	90.76	597.1	-4,659.5	1,201.4	970.9	230.45	5.213	
10,200.0	5,424.5	10,192.2	5,440.5	118.2	118.1	90.76	597.0	-4,759.5	1,201.4	966.0	235.38	5.104	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Escrito E07-2409 01H - Hz - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,300.0	5,423.6	10,292.2	5,439.6	120.6	120.6	90.76	596.9	-4,859.5	1,201.4	961.1	240.32	4.999	
10,400.0	5,422.7	10,392.2	5,438.7	123.1	123.0	90.76	596.8	-4,959.5	1,201.4	956.2	245.25	4.899	
10,500.0	5,421.8	10,492.2	5,437.8	125.5	125.5	90.76	596.7	-5,059.5	1,201.4	951.2	250.18	4.802	
10,600.0	5,421.0	10,592.2	5,437.0	128.0	127.9	90.76	596.7	-5,159.5	1,201.4	946.3	255.12	4.709	
10,700.0	5,420.1	10,692.2	5,436.1	130.4	130.4	90.76	596.6	-5,259.5	1,201.4	941.4	260.05	4.620	
10,800.0	5,419.2	10,792.2	5,435.2	132.9	132.9	90.76	596.5	-5,359.5	1,201.4	936.4	264.98	4.534	
10,900.0	5,418.4	10,892.2	5,434.4	135.4	135.3	90.76	596.4	-5,459.5	1,201.4	931.5	269.92	4.451	
11,000.0	5,417.5	10,992.2	5,433.5	137.8	137.8	90.76	596.3	-5,559.4	1,201.4	926.5	274.86	4.371	
11,100.0	5,416.6	11,092.2	5,432.6	140.3	140.2	90.76	596.2	-5,659.4	1,201.4	921.6	279.79	4.294	
11,200.0	5,415.7	11,192.2	5,431.7	142.8	142.7	90.76	596.1	-5,759.4	1,201.4	916.7	284.73	4.219	
11,300.0	5,414.9	11,292.2	5,430.9	145.2	145.2	90.76	596.0	-5,859.4	1,201.4	911.7	289.67	4.148	
11,400.0	5,414.0	11,392.2	5,430.0	147.7	147.6	90.76	596.0	-5,959.4	1,201.4	906.8	294.60	4.078	
11,500.0	5,413.1	11,492.2	5,429.1	150.1	150.1	90.76	595.9	-6,059.4	1,201.4	901.9	299.54	4.011	
11,600.0	5,412.2	11,592.2	5,428.2	152.6	152.6	90.76	595.8	-6,159.4	1,201.4	896.9	304.48	3.946	
11,700.0	5,411.4	11,692.2	5,427.4	155.1	155.0	90.76	595.7	-6,259.4	1,201.4	892.0	309.42	3.883	
11,800.0	5,410.5	11,792.2	5,426.5	157.5	157.5	90.76	595.6	-6,359.4	1,201.4	887.0	314.36	3.822	
11,900.0	5,409.6	11,892.2	5,425.6	160.0	160.0	90.76	595.5	-6,459.4	1,201.4	882.1	319.29	3.763	
12,000.0	5,408.8	11,992.2	5,424.8	162.5	162.4	90.76	595.4	-6,559.4	1,201.4	877.2	324.23	3.705	
12,100.0	5,407.9	12,092.2	5,423.9	164.9	164.9	90.76	595.4	-6,659.4	1,201.4	872.2	329.17	3.650	
12,200.0	5,407.0	12,192.2	5,423.0	167.4	167.4	90.76	595.3	-6,759.4	1,201.4	867.3	334.11	3.596	
12,300.0	5,406.1	12,292.2	5,422.1	169.9	169.8	90.76	595.2	-6,859.4	1,201.4	862.4	339.05	3.543	
12,400.0	5,405.3	12,392.2	5,421.3	172.3	172.3	90.76	595.1	-6,959.4	1,201.4	857.4	343.99	3.493	
12,500.0	5,404.4	12,492.2	5,420.4	174.8	174.8	90.76	595.0	-7,059.4	1,201.4	852.5	348.93	3.443	
12,600.0	5,403.5	12,592.2	5,419.5	177.3	177.2	90.76	594.9	-7,159.4	1,201.4	847.5	353.87	3.395	
12,700.0	5,402.7	12,692.2	5,418.6	179.7	179.7	90.76	594.8	-7,259.4	1,201.4	842.6	358.82	3.348	
12,800.0	5,401.8	12,792.2	5,417.8	182.2	182.2	90.76	594.7	-7,359.4	1,201.4	837.6	363.76	3.303	
12,900.0	5,400.9	12,892.2	5,416.9	184.7	184.6	90.76	594.7	-7,459.4	1,201.4	832.7	368.70	3.259	
13,000.0	5,400.0	12,992.2	5,416.0	187.1	187.1	90.76	594.6	-7,559.4	1,201.4	827.8	373.64	3.215	
13,100.0	5,399.2	13,092.2	5,415.2	189.6	189.6	90.76	594.5	-7,659.4	1,201.4	822.8	378.58	3.173	
13,167.9	5,398.6	13,160.2	5,414.6	191.3	191.2	90.76	594.4	-7,727.3	1,201.4	819.5	381.94	3.146	

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Escrito L07-2409 01H - Hz - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-MWD — Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,200.0	5,132.1	6,400.0	5,465.2	10.0	26.5	8.85	-1,663.0	-369.7	1,515.9	1,492.2	23.69	63.987	
5,300.0	5,196.3	6,400.0	5,465.2	10.7	26.5	-16.71	-1,663.0	-369.7	1,429.0	1,409.1	19.95	71.636	
5,400.0	5,257.1	6,416.5	5,466.3	11.6	26.7	-38.62	-1,658.9	-385.7	1,344.1	1,324.4	19.65	68.412	
5,500.0	5,312.7	6,432.6	5,467.3	12.7	27.0	-56.17	-1,655.2	-401.4	1,264.1	1,242.7	21.39	59.100	
5,600.0	5,361.2	6,450.0	5,468.2	13.9	27.3	-69.12	-1,651.5	-418.3	1,191.9	1,168.1	23.76	50.158	
5,700.0	5,401.4	6,500.0	5,470.4	15.2	28.1	-77.51	-1,643.0	-467.5	1,130.5	1,103.6	26.88	42.054	
5,800.0	5,431.9	6,522.2	5,471.1	16.6	28.4	-83.72	-1,640.1	-489.6	1,082.3	1,052.1	30.17	35.872	
5,900.0	5,451.7	6,550.0	5,471.7	18.2	28.9	-87.33	-1,637.4	-517.2	1,050.2	1,016.3	33.88	30.994	
6,000.0	5,460.4	6,607.1	5,472.1	19.8	29.8	-88.71	-1,634.6	-574.2	1,035.0	996.7	38.35	26.991	
6,052.9	5,461.5	6,641.6	5,471.8	20.7	30.3	-88.73	-1,634.5	-608.7	1,033.1	992.7	40.41	25.569 CC	
6,100.0	5,460.2	6,688.8	5,471.4	21.5	31.1	-88.79	-1,634.6	-655.9	1,034.2	991.6	42.60	24.277	
6,200.0	5,459.3	6,788.8	5,470.5	23.4	32.8	-88.79	-1,634.9	-755.9	1,034.3	987.3	47.00	22.005	
6,300.0	5,458.5	6,888.8	5,469.7	25.3	34.6	-88.79	-1,635.1	-855.9	1,034.5	982.9	51.51	20.082	
6,400.0	5,457.6	6,988.8	5,468.8	27.4	36.5	-88.79	-1,635.3	-955.9	1,034.6	978.5	56.09	18.444	
6,500.0	5,456.7	7,088.8	5,467.9	29.5	38.5	-88.79	-1,635.6	-1,055.9	1,034.7	974.0	60.74	17.037	
6,600.0	5,455.9	7,188.8	5,467.0	31.7	40.5	-88.79	-1,635.8	-1,155.9	1,034.9	969.5	65.42	15.819	
6,700.0	5,455.0	7,288.8	5,466.2	33.9	42.6	-88.79	-1,636.0	-1,255.8	1,035.0	964.9	70.15	14.755	
6,800.0	5,454.1	7,388.8	5,465.3	36.1	44.7	-88.79	-1,636.2	-1,355.8	1,035.2	960.3	74.90	13.821	
6,900.0	5,453.2	7,488.8	5,464.4	38.4	46.9	-88.79	-1,636.5	-1,455.8	1,035.3	955.6	79.68	12.994	
7,000.0	5,452.4	7,588.8	5,463.5	40.7	49.0	-88.79	-1,636.7	-1,555.8	1,035.5	951.0	84.47	12.258	
7,100.0	5,451.5	7,688.8	5,462.7	43.0	51.3	-88.79	-1,636.9	-1,655.8	1,035.6	946.3	89.29	11.599	
7,200.0	5,450.6	7,788.8	5,461.8	45.4	53.5	-88.79	-1,637.2	-1,755.8	1,035.7	941.6	94.11	11.005	
7,300.0	5,449.8	7,888.8	5,460.9	47.7	55.8	-88.79	-1,637.4	-1,855.8	1,035.9	936.9	98.95	10.469	
7,400.0	5,448.9	7,988.8	5,460.1	50.1	58.0	-88.79	-1,637.6	-1,955.8	1,036.0	932.2	103.80	9.981	
7,500.0	5,448.0	8,088.8	5,459.2	52.5	60.3	-88.79	-1,637.9	-2,055.8	1,036.2	927.5	108.66	9.536	
7,600.0	5,447.1	8,188.8	5,458.3	54.8	62.6	-88.79	-1,638.1	-2,155.8	1,036.3	922.8	113.53	9.128	
7,700.0	5,446.3	8,288.8	5,457.4	57.2	65.0	-88.79	-1,638.3	-2,255.8	1,036.5	918.1	118.40	8.754	
7,800.0	5,445.4	8,388.8	5,456.6	59.6	67.3	-88.79	-1,638.6	-2,355.8	1,036.6	913.3	123.28	8.409	
7,900.0	5,444.5	8,488.8	5,455.7	62.0	69.6	-88.79	-1,638.8	-2,455.8	1,036.7	908.6	128.16	8.089	
8,000.0	5,443.6	8,588.8	5,454.8	64.5	72.0	-88.79	-1,639.0	-2,555.8	1,036.9	903.8	133.05	7.793	
8,100.0	5,442.8	8,688.8	5,453.9	66.9	74.3	-88.79	-1,639.2	-2,655.8	1,037.0	899.1	137.94	7.518	
8,200.0	5,441.9	8,788.8	5,453.1	69.3	76.7	-88.79	-1,639.5	-2,755.8	1,037.2	894.3	142.84	7.261	
8,300.0	5,441.0	8,888.8	5,452.2	71.7	79.1	-88.79	-1,639.7	-2,855.8	1,037.3	889.6	147.74	7.021	
8,400.0	5,440.2	8,988.8	5,451.3	74.1	81.5	-88.79	-1,639.9	-2,955.8	1,037.5	884.8	152.64	6.797	
8,500.0	5,439.3	9,088.8	5,450.5	76.6	83.8	-88.79	-1,640.2	-3,055.8	1,037.6	880.1	157.55	6.586	
8,600.0	5,438.4	9,188.8	5,449.6	79.0	86.2	-88.79	-1,640.4	-3,155.8	1,037.7	875.3	162.46	6.388	
8,700.0	5,437.5	9,288.8	5,448.7	81.4	88.6	-88.79	-1,640.6	-3,255.8	1,037.9	870.5	167.37	6.201	
8,800.0	5,436.7	9,388.8	5,447.8	83.9	91.0	-88.79	-1,640.9	-3,355.8	1,038.0	865.8	172.28	6.025	
8,900.0	5,435.8	9,488.8	5,447.0	86.3	93.4	-88.79	-1,641.1	-3,455.8	1,038.2	861.0	177.20	5.859	
9,000.0	5,434.9	9,588.8	5,446.1	88.8	95.8	-88.79	-1,641.3	-3,555.7	1,038.3	856.2	182.11	5.701	
9,100.0	5,434.1	9,688.8	5,445.2	91.2	98.3	-88.79	-1,641.6	-3,655.7	1,038.5	851.4	187.03	5.552	
9,200.0	5,433.2	9,788.8	5,444.3	93.6	100.7	-88.79	-1,641.8	-3,755.7	1,038.6	846.7	191.95	5.411	
9,300.0	5,432.3	9,888.8	5,443.5	96.1	103.1	-88.79	-1,642.0	-3,855.7	1,038.7	841.9	196.87	5.276	
9,400.0	5,431.4	9,988.8	5,442.6	98.5	105.5	-88.79	-1,642.2	-3,955.7	1,038.9	837.1	201.80	5.148	
9,500.0	5,430.6	10,088.8	5,441.7	101.0	107.9	-88.79	-1,642.5	-4,055.7	1,039.0	832.3	206.72	5.026	
9,600.0	5,429.7	10,188.8	5,440.8	103.4	110.4	-88.79	-1,642.7	-4,155.7	1,039.2	827.5	211.64	4.910	
9,700.0	5,428.8	10,288.8	5,440.0	105.9	112.8	-88.79	-1,642.9	-4,255.7	1,039.3	822.8	216.57	4.799	
9,800.0	5,427.9	10,388.8	5,439.1	108.3	115.2	-88.80	-1,643.2	-4,355.7	1,039.5	818.0	221.50	4.693	
9,900.0	5,427.1	10,488.8	5,438.2	110.8	117.6	-88.80	-1,643.4	-4,455.7	1,039.6	813.2	226.42	4.591	
10,000.0	5,426.2	10,588.8	5,437.4	113.2	120.1	-88.80	-1,643.6	-4,555.7	1,039.7	808.4	231.35	4.494	
10,100.0	5,425.3	10,688.8	5,436.5	115.7	122.5	-88.80	-1,643.9	-4,655.7	1,039.9	803.6	236.28	4.401	
10,200.0	5,424.5	10,788.8	5,435.6	118.2	124.9	-88.80	-1,644.1	-4,755.7	1,040.0	798.8	241.21	4.312	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Escrito L07-2409 01H - Hz - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-MWD — Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,300.0	5,423.6	10,888.8	5,434.7	120.6	127.4	-88.80	-1,644.3	-4,855.7	1,040.2	794.0	246.14	4.226	
10,400.0	5,422.7	10,988.8	5,433.9	123.1	129.8	-88.80	-1,644.5	-4,955.7	1,040.3	789.2	251.07	4.143	
10,500.0	5,421.8	11,088.8	5,433.0	125.5	132.3	-88.80	-1,644.8	-5,055.7	1,040.5	784.5	256.01	4.064	
10,543.5	5,421.5	11,132.2	5,432.6	126.6	133.3	-88.80	-1,644.9	-5,099.2	1,040.5	782.4	258.15	4.031	
10,600.0	5,421.0	11,161.4	5,432.4	128.0	134.0	-88.80	-1,644.9	-5,128.3	1,041.0	780.7	260.26	4.000 ES	
10,700.0	5,420.1	11,161.4	5,432.4	130.4	134.0	-88.80	-1,644.9	-5,128.3	1,048.5	785.8	262.73	3.991 SF	
10,800.0	5,419.2	11,161.4	5,432.4	132.9	134.0	-88.80	-1,644.9	-5,128.3	1,065.4	800.2	265.20	4.017	
10,900.0	5,418.4	11,161.4	5,432.4	135.4	134.0	-88.80	-1,644.9	-5,128.3	1,091.3	823.6	267.67	4.077	
11,000.0	5,417.5	11,161.4	5,432.4	137.8	134.0	-88.80	-1,644.9	-5,128.3	1,125.5	855.3	270.13	4.166	
11,100.0	5,416.6	11,161.4	5,432.4	140.3	134.0	-88.80	-1,644.9	-5,128.3	1,167.2	894.6	272.60	4.282	
11,200.0	5,415.7	11,161.4	5,432.4	142.8	134.0	-88.80	-1,644.9	-5,128.3	1,215.8	940.7	275.07	4.420	
11,300.0	5,414.9	11,161.4	5,432.4	145.2	134.0	-88.80	-1,644.9	-5,128.3	1,270.4	992.9	277.54	4.577	
11,400.0	5,414.0	11,161.4	5,432.4	147.7	134.0	-88.80	-1,644.9	-5,128.3	1,330.3	1,050.3	280.01	4.751	
11,500.0	5,413.1	11,161.4	5,432.4	150.1	134.0	-88.80	-1,644.9	-5,128.3	1,394.8	1,112.3	282.47	4.938	
11,600.0	5,412.2	11,161.4	5,432.4	152.6	134.0	-88.80	-1,644.9	-5,128.3	1,463.3	1,178.4	284.94	5.135	

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Good Times E07-2409 01H - HZ - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-MWD — Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	0.00	32.8	0.0	32.8				
100.0	100.0	100.0	100.0	0.2	0.2	0.00	32.8	0.0	32.8	32.5	0.30	107.882	
200.0	200.0	200.0	200.0	0.3	0.3	0.00	32.8	0.0	32.8	32.1	0.65	50.191	
300.0	300.0	300.0	300.0	0.5	0.5	0.00	32.8	0.0	32.8	31.8	1.00	32.703	
400.0	400.0	400.0	400.0	0.7	0.7	0.00	32.8	0.0	32.8	31.4	1.35	24.253	
500.0	500.0	500.0	500.0	0.8	0.8	0.00	32.8	0.0	32.8	31.1	1.70	19.273	
600.0	600.0	600.0	600.0	1.0	1.0	0.00	32.8	0.0	32.8	30.7	2.05	15.989	
700.0	700.0	700.0	700.0	1.2	1.2	0.00	32.8	0.0	32.8	30.4	2.40	13.662	
800.0	800.0	800.0	800.0	1.4	1.4	0.00	32.8	0.0	32.8	30.0	2.75	11.926	
900.0	900.0	900.0	900.0	1.5	1.5	0.00	32.8	0.0	32.8	29.7	3.10	10.581	
1,000.0	1,000.0	1,000.0	1,000.0	1.7	1.7	0.00	32.8	0.0	32.8	29.3	3.45	9.509	
1,100.0	1,100.0	1,100.0	1,100.0	1.9	1.9	0.00	32.8	0.0	32.8	29.0	3.79	8.635	
1,200.0	1,200.0	1,200.0	1,200.0	2.1	2.1	0.00	32.8	0.0	32.8	28.6	4.14	7.907	
1,300.0	1,300.0	1,300.0	1,300.0	2.2	2.2	0.00	32.8	0.0	32.8	28.3	4.49	7.293	
1,400.0	1,400.0	1,400.0	1,400.0	2.4	2.4	0.00	32.8	0.0	32.8	27.9	4.84	6.767	
1,500.0	1,500.0	1,500.0	1,500.0	2.6	2.6	0.00	32.8	0.0	32.8	27.6	5.19	6.312	
1,600.0	1,600.0	1,600.0	1,600.0	2.8	2.8	0.00	32.8	0.0	32.8	27.2	5.54	5.914	
1,700.0	1,700.0	1,700.0	1,700.0	2.9	2.9	0.00	32.8	0.0	32.8	26.9	5.89	5.564	
1,800.0	1,800.0	1,800.0	1,800.0	3.1	3.1	0.00	32.8	0.0	32.8	26.5	6.24	5.252	
1,900.0	1,900.0	1,900.0	1,900.0	3.3	3.3	0.00	32.8	0.0	32.8	26.2	6.59	4.974	
2,000.0	2,000.0	2,000.0	2,000.0	3.5	3.5	0.00	32.8	0.0	32.8	25.8	6.94	4.724	
2,100.0	2,100.0	2,100.0	2,100.0	3.6	3.6	0.00	32.8	0.0	32.8	25.5	7.29	4.497	
2,200.0	2,200.0	2,200.0	2,200.0	3.8	3.8	0.00	32.8	0.0	32.8	25.1	7.63	4.292	
2,300.0	2,300.0	2,300.0	2,300.0	4.0	4.0	0.00	32.8	0.0	32.8	24.8	7.98	4.104	
2,400.0	2,400.0	2,400.0	2,400.0	4.2	4.2	0.00	32.8	0.0	32.8	24.4	8.33	3.932	
2,500.0	2,500.0	2,500.0	2,500.0	4.3	4.3	0.00	32.8	0.0	32.8	24.1	8.68	3.774	
2,600.0	2,600.0	2,600.0	2,600.0	4.5	4.5	0.00	32.8	0.0	32.8	23.7	9.03	3.628	
2,700.0	2,700.0	2,700.0	2,700.0	4.7	4.7	0.00	32.8	0.0	32.8	23.4	9.38	3.493	
2,800.0	2,800.0	2,800.0	2,800.0	4.9	4.9	0.00	32.8	0.0	32.8	23.0	9.73	3.368	
2,900.0	2,900.0	2,900.0	2,900.0	5.0	5.0	0.00	32.8	0.0	32.8	22.7	10.08	3.251	
3,000.0	3,000.0	3,000.0	3,000.0	5.2	5.2	0.00	32.8	0.0	32.8	22.3	10.43	3.142	
3,100.0	3,100.0	3,100.0	3,100.0	5.4	5.4	0.00	32.8	0.0	32.8	22.0	10.78	3.040	
3,200.0	3,200.0	3,200.0	3,200.0	5.6	5.6	0.00	32.8	0.0	32.8	21.6	11.12	2.945	
3,300.0	3,300.0	3,300.0	3,300.0	5.7	5.7	0.00	32.8	0.0	32.8	21.3	11.47	2.855	
3,400.0	3,400.0	3,400.0	3,400.0	5.9	5.9	0.00	32.8	0.0	32.8	20.9	11.82	2.771	
3,500.0	3,500.0	3,500.0	3,500.0	6.1	6.1	0.00	32.8	0.0	32.8	20.6	12.17	2.692	
3,600.0	3,600.0	3,600.0	3,600.0	6.3	6.3	0.00	32.8	0.0	32.8	20.2	12.52	2.617	
3,700.0	3,700.0	3,700.0	3,700.0	6.4	6.4	0.00	32.8	0.0	32.8	19.9	12.87	2.546	
3,800.0	3,800.0	3,800.0	3,800.0	6.6	6.6	0.00	32.8	0.0	32.8	19.5	13.22	2.478	
3,900.0	3,900.0	3,900.0	3,900.0	6.8	6.8	0.00	32.8	0.0	32.8	19.2	13.57	2.415	
4,000.0	4,000.0	4,000.0	4,000.0	7.0	7.0	0.00	32.8	0.0	32.8	18.8	13.92	2.354	
4,100.0	4,100.0	4,100.0	4,100.0	7.1	7.1	0.00	32.8	0.0	32.8	18.5	14.27	2.296	
4,200.0	4,200.0	4,200.0	4,200.0	7.3	7.3	0.00	32.8	0.0	32.8	18.1	14.62	2.242	
4,300.0	4,300.0	4,300.0	4,300.0	7.5	7.5	0.00	32.8	0.0	32.8	17.8	14.96	2.189	
4,400.0	4,400.0	4,400.0	4,400.0	7.7	7.7	0.00	32.8	0.0	32.8	17.4	15.31	2.139	
4,500.0	4,500.0	4,500.0	4,500.0	7.8	7.8	0.00	32.8	0.0	32.8	17.1	15.66	2.092	
4,600.0	4,600.0	4,600.0	4,600.0	8.0	8.0	0.00	32.8	0.0	32.8	16.8	16.01	2.046	CC, ES, SF
4,649.9	4,649.9	4,649.9	4,649.9	8.1	8.1	174.93	32.8	0.0	33.2	17.0	16.18	2.051	
4,700.0	4,700.0	4,698.4	4,698.4	8.2	8.2	174.79	33.4	-0.1	33.8	17.4	16.35	2.067	
4,800.0	4,799.1	4,788.2	4,787.4	8.4	8.3	174.34	44.6	-1.3	58.3	41.8	16.45	3.544	
4,900.0	4,894.6	4,861.9	4,858.3	8.6	8.5	173.81	64.1	-3.4	111.7	95.5	16.19	6.898	
5,000.0	4,983.6	4,914.5	4,907.3	8.9	8.6	172.87	83.4	-5.5	186.5	170.9	15.60	11.951	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Good Times E07-2409 01H - HZ - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-MWD — Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	5,063.4	4,950.0	4,939.1	9.3	8.7	170.82	98.9	-7.2	275.2	260.4	14.80	18.597	
5,200.0	5,132.1	4,964.3	4,951.7	10.0	8.8	152.08	105.7	-7.9	371.5	356.3	15.14	24.543	
5,300.0	5,196.3	4,976.1	4,961.9	10.7	8.8	116.68	111.6	-8.5	468.2	449.9	18.30	25.582	
5,400.0	5,257.1	4,985.9	4,970.3	11.6	8.8	96.07	116.6	-9.1	562.5	542.5	20.03	28.089	
5,500.0	5,312.7	5,000.0	4,982.2	12.7	8.9	83.84	124.1	-9.9	653.3	632.3	20.99	31.131	
5,600.0	5,361.2	5,000.0	4,982.2	13.9	8.9	73.49	124.1	-9.9	739.6	718.0	21.54	34.328	
5,700.0	5,401.4	5,000.0	4,982.2	15.2	8.9	66.40	124.1	-9.9	820.8	798.9	21.87	37.520	
5,800.0	5,431.9	5,000.0	4,982.2	16.6	8.9	61.55	124.1	-9.9	896.1	874.0	22.09	40.566	
5,900.0	5,451.7	5,014.9	4,994.6	18.2	9.0	59.55	132.2	-10.8	964.6	942.1	22.44	42.981	
6,000.0	5,460.4	5,017.8	4,997.0	19.8	9.0	57.81	133.9	-11.0	1,026.1	1,003.5	22.60	45.409	
6,100.0	5,460.2	5,020.0	4,998.9	21.5	9.0	57.58	135.2	-11.1	1,083.2	1,059.4	23.83	45.462	
6,200.0	5,459.3	5,022.3	5,000.7	23.4	9.0	57.73	136.4	-11.2	1,145.5	1,119.8	25.68	44.601	
6,300.0	5,458.5	6,264.5	5,447.2	25.3	25.1	89.46	600.4	-859.4	1,201.3	1,155.5	45.85	26.200	
6,400.0	5,457.6	6,364.5	5,446.3	27.4	27.1	89.46	600.3	-959.4	1,201.3	1,151.0	50.39	23.843	
6,500.0	5,456.7	6,464.5	5,445.5	29.5	29.3	89.46	600.2	-1,059.4	1,201.3	1,146.4	54.99	21.846	
6,600.0	5,455.9	6,564.5	5,444.6	31.7	31.5	89.46	600.2	-1,159.4	1,201.3	1,141.7	59.65	20.140	
6,700.0	5,455.0	6,664.5	5,443.7	33.9	33.7	89.46	600.1	-1,259.4	1,201.3	1,137.0	64.35	18.668	
6,800.0	5,454.1	6,764.5	5,442.8	36.1	36.0	89.46	600.0	-1,359.4	1,201.3	1,132.3	69.09	17.388	
6,900.0	5,453.2	6,864.5	5,442.0	38.4	38.2	89.46	599.9	-1,459.4	1,201.3	1,127.5	73.86	16.266	
7,000.0	5,452.4	6,964.5	5,441.1	40.7	40.6	89.46	599.8	-1,559.4	1,201.3	1,122.7	78.64	15.276	
7,100.0	5,451.5	7,064.5	5,440.2	43.0	42.9	89.46	599.7	-1,659.4	1,201.3	1,117.9	83.45	14.396	
7,200.0	5,450.6	7,164.5	5,439.4	45.4	45.2	89.46	599.6	-1,759.4	1,201.3	1,113.1	88.27	13.609	
7,300.0	5,449.8	7,264.5	5,438.5	47.7	47.6	89.46	599.5	-1,859.4	1,201.3	1,108.2	93.11	12.903	
7,400.0	5,448.9	7,364.5	5,437.6	50.1	50.0	89.46	599.5	-1,959.3	1,201.3	1,103.4	97.96	12.264	
7,500.0	5,448.0	7,464.5	5,436.7	52.5	52.3	89.46	599.4	-2,059.3	1,201.3	1,098.5	102.81	11.685	
7,600.0	5,447.1	7,564.5	5,435.9	54.8	54.7	89.46	599.3	-2,159.3	1,201.3	1,093.7	107.68	11.157	
7,700.0	5,446.3	7,664.5	5,435.0	57.2	57.1	89.46	599.2	-2,259.3	1,201.3	1,088.8	112.55	10.674	
7,800.0	5,445.4	7,764.5	5,434.1	59.6	59.5	89.46	599.1	-2,359.3	1,201.3	1,083.9	117.43	10.231	
7,900.0	5,444.5	7,864.5	5,433.3	62.0	61.9	89.46	599.0	-2,459.3	1,201.3	1,079.0	122.31	9.822	
8,000.0	5,443.6	7,964.5	5,432.4	64.5	64.4	89.46	598.9	-2,559.3	1,201.3	1,074.1	127.20	9.444	
8,100.0	5,442.8	8,064.5	5,431.5	66.9	66.8	89.46	598.8	-2,659.3	1,201.3	1,069.3	132.09	9.095	
8,200.0	5,441.9	8,164.5	5,430.7	69.3	69.2	89.46	598.8	-2,759.3	1,201.3	1,064.4	136.99	8.769	
8,300.0	5,441.0	8,264.5	5,429.8	71.7	71.6	89.46	598.7	-2,859.3	1,201.3	1,059.5	141.89	8.467	
8,400.0	5,440.2	8,364.5	5,428.9	74.1	74.0	89.46	598.6	-2,959.3	1,201.3	1,054.6	146.80	8.184	
8,500.0	5,439.3	8,464.5	5,428.0	76.6	76.5	89.46	598.5	-3,059.3	1,201.3	1,049.6	151.70	7.919	
8,600.0	5,438.4	8,564.5	5,427.2	79.0	78.9	89.46	598.4	-3,159.3	1,201.3	1,044.7	156.61	7.671	
8,700.0	5,437.5	8,664.5	5,426.3	81.4	81.4	89.46	598.3	-3,259.3	1,201.3	1,039.8	161.53	7.437	
8,800.0	5,436.7	8,764.5	5,425.4	83.9	83.8	89.46	598.2	-3,359.3	1,201.3	1,034.9	166.44	7.218	
8,900.0	5,435.8	8,864.5	5,424.6	86.3	86.2	89.46	598.1	-3,459.3	1,201.3	1,030.0	171.36	7.011	
9,000.0	5,434.9	8,964.5	5,423.7	88.8	88.7	89.46	598.1	-3,559.3	1,201.3	1,025.1	176.27	6.815	
9,100.0	5,434.1	9,064.5	5,422.8	91.2	91.1	89.46	598.0	-3,659.3	1,201.3	1,020.2	181.19	6.630	
9,200.0	5,433.2	9,164.5	5,421.9	93.6	93.6	89.46	597.9	-3,759.3	1,201.3	1,015.2	186.12	6.455	
9,300.0	5,432.3	9,264.5	5,421.1	96.1	96.0	89.46	597.8	-3,859.3	1,201.3	1,010.3	191.04	6.289	
9,400.0	5,431.4	9,364.5	5,420.2	98.5	98.5	89.46	597.7	-3,959.3	1,201.3	1,005.4	195.96	6.131	
9,500.0	5,430.6	9,464.5	5,419.3	101.0	100.9	89.46	597.6	-4,059.3	1,201.3	1,000.5	200.89	5.980	
9,600.0	5,429.7	9,564.5	5,418.5	103.4	103.4	89.46	597.5	-4,159.3	1,201.3	995.5	205.81	5.837	
9,700.0	5,428.8	9,664.5	5,417.6	105.9	105.8	89.46	597.4	-4,259.3	1,201.3	990.6	210.74	5.701	
9,800.0	5,427.9	9,764.5	5,416.7	108.3	108.3	89.46	597.4	-4,359.3	1,201.3	985.7	215.67	5.570	
9,900.0	5,427.1	9,864.5	5,415.8	110.8	110.7	89.46	597.3	-4,459.3	1,201.3	980.8	220.60	5.446	
10,000.0	5,426.2	9,964.5	5,415.0	113.2	113.2	89.46	597.2	-4,559.2	1,201.3	975.8	225.53	5.327	
10,100.0	5,425.3	10,064.5	5,414.1	115.7	115.6	89.46	597.1	-4,659.2	1,201.3	970.9	230.46	5.213	
10,200.0	5,424.5	10,164.5	5,413.2	118.2	118.1	89.46	597.0	-4,759.2	1,201.3	966.0	235.39	5.104	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	***MD Reference:***	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Good Times E07-2409 01H - HZ - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-MWD — Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,300.0	5,423.6	10,264.5	5,412.4	120.6	120.6	89.46	596.9	-4,859.2	1,201.3	961.0	240.32	4.999	
10,400.0	5,422.7	10,364.5	5,411.5	123.1	123.0	89.46	596.8	-4,959.2	1,201.3	956.1	245.25	4.898	
10,500.0	5,421.8	10,464.5	5,410.6	125.5	125.5	89.46	596.7	-5,059.2	1,201.3	951.2	250.19	4.802	
10,600.0	5,421.0	10,564.5	5,409.8	128.0	127.9	89.46	596.7	-5,159.2	1,201.3	946.2	255.12	4.709	
10,700.0	5,420.1	10,664.5	5,408.9	130.4	130.4	89.47	596.6	-5,259.2	1,201.3	941.3	260.06	4.620	
10,800.0	5,419.2	10,764.5	5,408.0	132.9	132.9	89.47	596.5	-5,359.2	1,201.3	936.4	264.99	4.534	
10,900.0	5,418.4	10,864.5	5,407.1	135.4	135.3	89.47	596.4	-5,459.2	1,201.3	931.4	269.93	4.451	
11,000.0	5,417.5	10,964.5	5,406.3	137.8	137.8	89.47	596.3	-5,559.2	1,201.3	926.5	274.86	4.371	
11,100.0	5,416.6	11,064.5	5,405.4	140.3	140.2	89.47	596.2	-5,659.2	1,201.3	921.5	279.80	4.294	
11,200.0	5,415.7	11,164.5	5,404.5	142.8	142.7	89.47	596.1	-5,759.2	1,201.3	916.6	284.74	4.219	
11,300.0	5,414.9	11,264.5	5,403.7	145.2	145.2	89.47	596.1	-5,859.2	1,201.3	911.7	289.67	4.147	
11,400.0	5,414.0	11,364.5	5,402.8	147.7	147.6	89.47	596.0	-5,959.2	1,201.3	906.7	294.61	4.078	
11,500.0	5,413.1	11,464.5	5,401.9	150.1	150.1	89.47	595.9	-6,059.2	1,201.3	901.8	299.55	4.011	
11,600.0	5,412.2	11,564.5	5,401.0	152.6	152.6	89.47	595.8	-6,159.2	1,201.3	896.9	304.49	3.945	
11,700.0	5,411.4	11,664.5	5,400.2	155.1	155.0	89.47	595.7	-6,259.2	1,201.3	891.9	309.43	3.883	
11,800.0	5,410.5	11,764.5	5,399.3	157.5	157.5	89.47	595.6	-6,359.2	1,201.3	887.0	314.37	3.822	
11,900.0	5,409.6	11,864.5	5,398.4	160.0	160.0	89.47	595.5	-6,459.2	1,201.3	882.0	319.30	3.762	
12,000.0	5,408.8	11,964.5	5,397.6	162.5	162.4	89.47	595.4	-6,559.2	1,201.3	877.1	324.24	3.705	
12,100.0	5,407.9	12,064.5	5,396.7	164.9	164.9	89.47	595.4	-6,659.2	1,201.3	872.2	329.18	3.649	
12,200.0	5,407.0	12,164.5	5,395.8	167.4	167.3	89.47	595.3	-6,759.2	1,201.3	867.2	334.12	3.596	
12,300.0	5,406.1	12,264.5	5,394.9	169.9	169.8	89.47	595.2	-6,859.2	1,201.3	862.3	339.06	3.543	
12,400.0	5,405.3	12,364.5	5,394.1	172.3	172.3	89.47	595.1	-6,959.2	1,201.3	857.3	344.00	3.492	
12,500.0	5,404.4	12,464.5	5,393.2	174.8	174.7	89.47	595.0	-7,059.2	1,201.3	852.4	348.95	3.443	
12,600.0	5,403.5	12,564.5	5,392.3	177.3	177.2	89.47	594.9	-7,159.1	1,201.3	847.5	353.89	3.395	
12,700.0	5,402.7	12,664.5	5,391.5	179.7	179.7	89.47	594.8	-7,259.1	1,201.3	842.5	358.83	3.348	
12,800.0	5,401.8	12,764.5	5,390.6	182.2	182.1	89.47	594.7	-7,359.1	1,201.3	837.6	363.77	3.303	
12,900.0	5,400.9	12,864.5	5,389.7	184.7	184.6	89.47	594.7	-7,459.1	1,201.3	832.6	368.71	3.258	
13,000.0	5,400.0	12,964.5	5,388.9	187.1	187.1	89.47	594.6	-7,559.1	1,201.3	827.7	373.65	3.215	
13,100.0	5,399.2	13,064.5	5,388.0	189.6	189.5	89.47	594.5	-7,659.1	1,201.3	822.8	378.59	3.173	
13,167.9	5,398.6	13,132.4	5,387.4	191.3	191.2	89.47	594.4	-7,727.1	1,201.3	819.4	381.95	3.145	

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Good Times E07-2409 02H - HZ - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-MWD — Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0				
100.0	100.0	100.0	100.0	0.2	0.2	0.00	0.0	0.0	0.0	-0.3	0.30	0.000	Level 1
200.0	200.0	200.0	200.0	0.3	0.3	0.00	0.0	0.0	0.0	-0.7	0.65	0.000	Level 1
300.0	300.0	300.0	300.0	0.5	0.5	0.00	0.0	0.0	0.0	-1.0	1.00	0.000	Level 1
400.0	400.0	400.0	400.0	0.7	0.7	0.00	0.0	0.0	0.0	-1.4	1.35	0.000	Level 1
500.0	500.0	500.0	500.0	0.8	0.8	0.00	0.0	0.0	0.0	-1.7	1.70	0.000	Level 1
600.0	600.0	600.0	600.0	1.0	1.0	0.00	0.0	0.0	0.0	-2.0	2.05	0.000	Level 1
700.0	700.0	700.0	700.0	1.2	1.2	0.00	0.0	0.0	0.0	-2.4	2.40	0.000	Level 1
800.0	800.0	800.0	800.0	1.4	1.4	0.00	0.0	0.0	0.0	-2.7	2.75	0.000	Level 1
900.0	900.0	900.0	900.0	1.5	1.5	0.00	0.0	0.0	0.0	-3.1	3.10	0.000	Level 1
1,000.0	1,000.0	1,000.0	1,000.0	1.7	1.7	0.00	0.0	0.0	0.0	-3.4	3.45	0.000	Level 1
1,100.0	1,100.0	1,100.0	1,100.0	1.9	1.9	0.00	0.0	0.0	0.0	-3.8	3.79	0.000	Level 1
1,200.0	1,200.0	1,200.0	1,200.0	2.1	2.1	0.00	0.0	0.0	0.0	-4.1	4.14	0.000	Level 1
1,300.0	1,300.0	1,300.0	1,300.0	2.2	2.2	0.00	0.0	0.0	0.0	-4.5	4.49	0.000	Level 1
1,400.0	1,400.0	1,400.0	1,400.0	2.4	2.4	0.00	0.0	0.0	0.0	-4.8	4.84	0.000	Level 1
1,500.0	1,500.0	1,500.0	1,500.0	2.6	2.6	0.00	0.0	0.0	0.0	-5.2	5.19	0.000	Level 1
1,600.0	1,600.0	1,600.0	1,600.0	2.8	2.8	0.00	0.0	0.0	0.0	-5.5	5.54	0.000	Level 1
1,700.0	1,700.0	1,700.0	1,700.0	2.9	2.9	0.00	0.0	0.0	0.0	-5.9	5.89	0.000	Level 1
1,800.0	1,800.0	1,800.0	1,800.0	3.1	3.1	0.00	0.0	0.0	0.0	-6.2	6.24	0.000	Level 1
1,900.0	1,900.0	1,900.0	1,900.0	3.3	3.3	0.00	0.0	0.0	0.0	-6.6	6.59	0.000	Level 1
2,000.0	2,000.0	2,000.0	2,000.0	3.5	3.5	0.00	0.0	0.0	0.0	-6.9	6.94	0.000	Level 1
2,100.0	2,100.0	2,100.0	2,100.0	3.6	3.6	0.00	0.0	0.0	0.0	-7.3	7.29	0.000	Level 1
2,200.0	2,200.0	2,200.0	2,200.0	3.8	3.8	0.00	0.0	0.0	0.0	-7.6	7.63	0.000	Level 1
2,300.0	2,300.0	2,300.0	2,300.0	4.0	4.0	0.00	0.0	0.0	0.0	-8.0	7.98	0.000	Level 1
2,400.0	2,400.0	2,400.0	2,400.0	4.2	4.2	0.00	0.0	0.0	0.0	-8.3	8.33	0.000	Level 1
2,500.0	2,500.0	2,500.0	2,500.0	4.3	4.3	0.00	0.0	0.0	0.0	-8.7	8.68	0.000	Level 1
2,600.0	2,600.0	2,600.0	2,600.0	4.5	4.5	0.00	0.0	0.0	0.0	-9.0	9.03	0.000	Level 1
2,700.0	2,700.0	2,700.0	2,700.0	4.7	4.7	0.00	0.0	0.0	0.0	-9.4	9.38	0.000	Level 1
2,800.0	2,800.0	2,800.0	2,800.0	4.9	4.9	0.00	0.0	0.0	0.0	-9.7	9.73	0.000	Level 1
2,900.0	2,900.0	2,900.0	2,900.0	5.0	5.0	0.00	0.0	0.0	0.0	-10.1	10.08	0.000	Level 1
3,000.0	3,000.0	3,000.0	3,000.0	5.2	5.2	0.00	0.0	0.0	0.0	-10.4	10.43	0.000	Level 1
3,100.0	3,100.0	3,100.0	3,100.0	5.4	5.4	0.00	0.0	0.0	0.0	-10.8	10.78	0.000	Level 1
3,200.0	3,200.0	3,200.0	3,200.0	5.6	5.6	0.00	0.0	0.0	0.0	-11.1	11.12	0.000	Level 1
3,300.0	3,300.0	3,300.0	3,300.0	5.7	5.7	0.00	0.0	0.0	0.0	-11.5	11.47	0.000	Level 1
3,400.0	3,400.0	3,400.0	3,400.0	5.9	5.9	0.00	0.0	0.0	0.0	-11.8	11.82	0.000	Level 1
3,500.0	3,500.0	3,500.0	3,500.0	6.1	6.1	0.00	0.0	0.0	0.0	-12.2	12.17	0.000	Level 1
3,600.0	3,600.0	3,600.0	3,600.0	6.3	6.3	0.00	0.0	0.0	0.0	-12.5	12.52	0.000	Level 1
3,700.0	3,700.0	3,700.0	3,700.0	6.4	6.4	0.00	0.0	0.0	0.0	-12.9	12.87	0.000	Level 1
3,800.0	3,800.0	3,800.0	3,800.0	6.6	6.6	0.00	0.0	0.0	0.0	-13.2	13.22	0.000	Level 1
3,900.0	3,900.0	3,900.0	3,900.0	6.8	6.8	0.00	0.0	0.0	0.0	-13.6	13.57	0.000	Level 1
4,000.0	4,000.0	4,000.0	4,000.0	7.0	7.0	0.00	0.0	0.0	0.0	-13.9	13.92	0.000	Level 1
4,100.0	4,100.0	4,100.0	4,100.0	7.1	7.1	0.00	0.0	0.0	0.0	-14.3	14.27	0.000	Level 1
4,200.0	4,200.0	4,200.0	4,200.0	7.3	7.3	0.00	0.0	0.0	0.0	-14.6	14.62	0.000	Level 1
4,300.0	4,300.0	4,300.0	4,300.0	7.5	7.5	0.00	0.0	0.0	0.0	-15.0	14.96	0.000	Level 1
4,400.0	4,400.0	4,400.0	4,400.0	7.7	7.7	0.00	0.0	0.0	0.0	-15.3	15.31	0.000	Level 1
4,500.0	4,500.0	4,500.0	4,500.0	7.8	7.8	0.00	0.0	0.0	0.0	-15.7	15.66	0.000	Level 1
4,600.0	4,600.0	4,600.0	4,600.0	8.0	8.0	0.00	0.0	0.0	0.0	-16.0	16.01	0.000	Level 1, CC, SF
4,666.3	4,666.3	4,666.3	4,666.3	8.1	8.1	-180.00	0.0	0.0	0.8	-15.5	16.24	0.047	Level 1
4,700.0	4,700.0	4,700.0	4,700.0	8.2	8.2	-0.12	-0.9	-0.1	0.5	-15.8	16.35	0.033	Level 1
4,800.0	4,799.1	4,799.7	4,798.5	8.4	8.4	-0.41	-15.0	-1.3	2.6	-13.9	16.47	0.159	Level 1
4,900.0	4,894.6	4,899.0	4,892.8	8.6	8.6	-0.72	-45.8	-4.1	4.6	-11.7	16.27	0.282	Level 1
5,000.0	4,983.6	4,998.1	4,980.1	8.9	8.9	-1.03	-92.1	-8.2	6.4	-9.4	15.79	0.407	Level 1

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Good Times E07-2409 02H - HZ - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-MWD — Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	5,063.4	5,096.8	5,057.9	9.3	9.4	-1.36	-152.5	-13.5	8.1	-7.0	15.08	0.535 Level 1	
5,200.0	5,132.1	5,195.9	5,125.2	10.0	10.0	-1.26	-224.6	-21.2	9.0	-5.6	14.61	0.616 Level 1	
5,300.0	5,196.3	5,295.6	5,189.2	10.7	10.8	-1.23	-297.8	-43.0	9.1	-5.7	14.86	0.615 Level 1	
5,400.0	5,257.1	5,395.1	5,249.4	11.6	11.7	-1.06	-367.0	-81.3	9.4	-5.6	15.02	0.628 Level 1	
5,500.0	5,312.7	5,494.4	5,304.3	12.7	12.7	-0.82	-430.1	-134.7	9.8	-5.3	15.09	0.651 Level 1	
5,600.0	5,361.2	5,593.6	5,352.0	13.9	13.9	-0.56	-485.3	-201.5	10.3	-4.8	15.03	0.683 Level 1	
5,700.0	5,401.4	5,692.5	5,391.4	15.2	15.2	-0.34	-531.0	-279.9	10.7	-4.1	14.80	0.722 Level 1	
5,800.0	5,431.9	5,791.4	5,421.2	16.6	16.6	-0.17	-566.0	-367.3	11.0	-3.4	14.46	0.763 Level 1	
5,900.0	5,451.7	5,890.2	5,440.6	18.2	18.2	-0.06	-589.1	-461.2	11.3	-2.9	14.11	0.798 Level 1	
6,000.0	5,460.4	5,988.9	5,449.1	19.8	19.8	0.00	-599.9	-558.8	11.4	-2.7	14.02	0.811 Level 1	
6,100.0	5,460.2	6,088.4	5,448.9	21.5	21.5	0.00	-600.7	-658.3	11.4	-3.1	14.46	0.786 Level 1	
6,200.0	5,459.3	6,188.4	5,448.0	23.4	23.3	0.00	-600.8	-758.3	11.4	-3.6	14.99	0.758 Level 1	
6,300.0	5,458.5	6,288.4	5,447.1	25.3	25.3	0.00	-600.9	-858.3	11.4	-4.1	15.50	0.733 Level 1	
6,400.0	5,457.6	6,388.4	5,446.2	27.4	27.4	0.00	-601.0	-958.3	11.4	-4.7	16.02	0.709 Level 1	
6,500.0	5,456.7	6,488.4	5,445.4	29.5	29.5	0.00	-601.0	-1,058.3	11.4	-5.2	16.52	0.688 Level 1	
6,600.0	5,455.9	6,588.4	5,444.5	31.7	31.7	0.00	-601.1	-1,158.3	11.4	-5.7	17.02	0.667 Level 1	
6,700.0	5,455.0	6,688.4	5,443.6	33.9	33.9	0.00	-601.2	-1,258.3	11.4	-6.2	17.51	0.648 Level 1	
6,800.0	5,454.1	6,788.4	5,442.8	36.1	36.1	0.00	-601.3	-1,358.3	11.4	-6.6	18.00	0.631 Level 1	
6,900.0	5,453.2	6,888.4	5,441.9	38.4	38.4	0.00	-601.4	-1,458.3	11.3	-7.1	18.48	0.614 Level 1	
7,000.0	5,452.4	6,988.4	5,441.0	40.7	40.7	0.00	-601.5	-1,558.3	11.3	-7.6	18.96	0.598 Level 1	
7,100.0	5,451.5	7,088.4	5,440.2	43.0	43.0	0.00	-601.6	-1,658.3	11.3	-8.1	19.44	0.584 Level 1	
7,200.0	5,450.6	7,188.4	5,439.3	45.4	45.4	0.00	-601.7	-1,758.3	11.3	-8.6	19.91	0.570 Level 1	
7,300.0	5,449.8	7,288.4	5,438.4	47.7	47.7	0.00	-601.7	-1,858.3	11.3	-9.0	20.38	0.556 Level 1	
7,400.0	5,448.9	7,388.4	5,437.5	50.1	50.1	0.00	-601.8	-1,958.3	11.3	-9.5	20.84	0.544 Level 1	
7,500.0	5,448.0	7,488.4	5,436.7	52.5	52.5	0.00	-601.9	-2,058.3	11.3	-10.0	21.31	0.532 Level 1	
7,600.0	5,447.1	7,588.4	5,435.8	54.8	54.8	0.00	-602.0	-2,158.3	11.3	-10.4	21.76	0.521 Level 1	
7,700.0	5,446.3	7,688.4	5,434.9	57.2	57.2	0.00	-602.1	-2,258.3	11.3	-10.9	22.22	0.510 Level 1	
7,800.0	5,445.4	7,788.4	5,434.1	59.6	59.6	0.00	-602.2	-2,358.3	11.3	-11.3	22.67	0.500 Level 1	
7,900.0	5,444.5	7,888.4	5,433.2	62.0	62.0	0.00	-602.3	-2,458.3	11.3	-11.8	23.13	0.490 Level 1	
8,000.0	5,443.6	7,988.4	5,432.3	64.5	64.5	0.00	-602.4	-2,558.3	11.3	-12.3	23.58	0.480 Level 1	
8,100.0	5,442.8	8,088.4	5,431.5	66.9	66.9	0.00	-602.4	-2,658.3	11.3	-12.7	24.02	0.471 Level 1	
8,200.0	5,441.9	8,188.4	5,430.6	69.3	69.3	0.00	-602.5	-2,758.3	11.3	-13.1	24.47	0.463 Level 1	
8,300.0	5,441.0	8,288.4	5,429.7	71.7	71.7	0.00	-602.6	-2,858.3	11.3	-13.6	24.91	0.454 Level 1	
8,400.0	5,440.2	8,388.4	5,428.8	74.1	74.1	0.00	-602.7	-2,958.3	11.3	-14.0	25.35	0.446 Level 1	
8,500.0	5,439.3	8,488.4	5,428.0	76.6	76.6	0.00	-602.8	-3,058.3	11.3	-14.5	25.79	0.439 Level 1	
8,600.0	5,438.4	8,588.4	5,427.1	79.0	79.0	0.00	-602.9	-3,158.3	11.3	-14.9	26.23	0.431 Level 1	
8,700.0	5,437.5	8,688.4	5,426.2	81.4	81.4	0.00	-603.0	-3,258.2	11.3	-15.4	26.67	0.424 Level 1	
8,800.0	5,436.7	8,788.4	5,425.4	83.9	83.9	0.00	-603.1	-3,358.2	11.3	-15.8	27.11	0.417 Level 1	
8,900.0	5,435.8	8,888.4	5,424.5	86.3	86.3	0.00	-603.1	-3,458.2	11.3	-16.2	27.54	0.410 Level 1	
9,000.0	5,434.9	8,988.4	5,423.6	88.8	88.8	0.00	-603.2	-3,558.2	11.3	-16.7	27.97	0.404 Level 1	
9,100.0	5,434.1	9,088.4	5,422.8	91.2	91.2	0.00	-603.3	-3,658.2	11.3	-17.1	28.40	0.398 Level 1	
9,200.0	5,433.2	9,188.4	5,421.9	93.6	93.6	0.00	-603.4	-3,758.2	11.3	-17.5	28.84	0.392 Level 1	
9,300.0	5,432.3	9,288.4	5,421.0	96.1	96.1	0.00	-603.5	-3,858.2	11.3	-18.0	29.26	0.386 Level 1	
9,400.0	5,431.4	9,388.4	5,420.1	98.5	98.5	0.00	-603.6	-3,958.2	11.3	-18.4	29.69	0.380 Level 1	
9,500.0	5,430.6	9,488.4	5,419.3	101.0	101.0	0.00	-603.7	-4,058.2	11.3	-18.8	30.12	0.375 Level 1	
9,600.0	5,429.7	9,588.4	5,418.4	103.4	103.4	0.00	-603.8	-4,158.2	11.3	-19.3	30.55	0.369 Level 1	
9,700.0	5,428.8	9,688.4	5,417.5	105.9	105.9	0.00	-603.8	-4,258.2	11.3	-19.7	30.97	0.364 Level 1	
9,800.0	5,427.9	9,788.4	5,416.7	108.3	108.3	0.00	-603.9	-4,358.2	11.3	-20.1	31.40	0.359 Level 1	
9,900.0	5,427.1	9,888.4	5,415.8	110.8	110.8	0.00	-604.0	-4,458.2	11.3	-20.5	31.82	0.354 Level 1	
10,000.0	5,426.2	9,988.4	5,414.9	113.2	113.2	0.00	-604.1	-4,558.2	11.3	-21.0	32.24	0.350 Level 1	
10,100.0	5,425.3	10,088.4	5,414.1	115.7	115.7	0.00	-604.2	-4,658.2	11.3	-21.4	32.66	0.345 Level 1	
10,200.0	5,424.5	10,188.4	5,413.2	118.2	118.2	0.00	-604.3	-4,758.2	11.3	-21.8	33.09	0.341 Level 1	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design S7- T24N-R9W - Good Times E07-2409 02H - HZ - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-MWD — Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,300.0	5,423.6	10,288.4	5,412.3	120.6	120.6	0.00	-604.4	-4,858.2	11.3	-22.2	33.51	0.336	Level 1
10,400.0	5,422.7	10,388.4	5,411.4	123.1	123.1	0.00	-604.5	-4,958.2	11.3	-22.7	33.93	0.332	Level 1
10,500.0	5,421.8	10,488.4	5,410.6	125.5	125.5	0.00	-604.5	-5,058.2	11.3	-23.1	34.35	0.328	Level 1
10,600.0	5,421.0	10,588.4	5,409.7	128.0	128.0	0.00	-604.6	-5,158.2	11.3	-23.5	34.76	0.324	Level 1
10,700.0	5,420.1	10,688.4	5,408.8	130.4	130.4	0.00	-604.7	-5,258.2	11.3	-23.9	35.18	0.320	Level 1
10,800.0	5,419.2	10,788.4	5,408.0	132.9	132.9	0.00	-604.8	-5,358.2	11.3	-24.3	35.60	0.316	Level 1
10,900.0	5,418.4	10,888.4	5,407.1	135.4	135.4	0.00	-604.9	-5,458.2	11.3	-24.8	36.01	0.313	Level 1
11,000.0	5,417.5	10,988.4	5,406.2	137.8	137.8	0.00	-605.0	-5,558.2	11.3	-25.2	36.43	0.309	Level 1
11,100.0	5,416.6	11,088.4	5,405.4	140.3	140.3	0.00	-605.1	-5,658.2	11.3	-25.6	36.85	0.305	Level 1
11,200.0	5,415.7	11,188.4	5,404.5	142.8	142.8	0.00	-605.2	-5,758.2	11.2	-26.0	37.26	0.302	Level 1
11,300.0	5,414.9	11,288.4	5,403.6	145.2	145.2	0.00	-605.2	-5,858.1	11.2	-26.4	37.67	0.299	Level 1
11,400.0	5,414.0	11,388.4	5,402.7	147.7	147.7	0.00	-605.3	-5,958.1	11.2	-26.8	38.09	0.295	Level 1
11,500.0	5,413.1	11,488.4	5,401.9	150.1	150.1	0.00	-605.4	-6,058.1	11.2	-27.3	38.50	0.292	Level 1
11,600.0	5,412.2	11,588.4	5,401.0	152.6	152.6	0.00	-605.5	-6,158.1	11.2	-27.7	38.91	0.289	Level 1
11,700.0	5,411.4	11,688.4	5,400.1	155.1	155.1	0.00	-605.6	-6,258.1	11.2	-28.1	39.33	0.286	Level 1
11,800.0	5,410.5	11,788.4	5,399.3	157.5	157.5	0.00	-605.7	-6,358.1	11.2	-28.5	39.74	0.283	Level 1
11,900.0	5,409.6	11,888.4	5,398.4	160.0	160.0	0.00	-605.8	-6,458.1	11.2	-28.9	40.15	0.280	Level 1
12,000.0	5,408.8	11,988.4	5,397.5	162.5	162.5	0.00	-605.9	-6,558.1	11.2	-29.3	40.56	0.277	Level 1
12,100.0	5,407.9	12,088.4	5,396.7	164.9	164.9	0.00	-605.9	-6,658.1	11.2	-29.7	40.97	0.274	Level 1
12,200.0	5,407.0	12,188.4	5,395.8	167.4	167.4	0.00	-606.0	-6,758.1	11.2	-30.2	41.38	0.271	Level 1
12,300.0	5,406.1	12,288.4	5,394.9	169.9	169.9	0.00	-606.1	-6,858.1	11.2	-30.6	41.79	0.269	Level 1
12,400.0	5,405.3	12,388.4	5,394.0	172.3	172.3	0.00	-606.2	-6,958.1	11.2	-31.0	42.20	0.266	Level 1
12,500.0	5,404.4	12,488.4	5,393.2	174.8	174.8	0.00	-606.3	-7,058.1	11.2	-31.4	42.61	0.263	Level 1
12,600.0	5,403.5	12,588.4	5,392.3	177.3	177.3	0.00	-606.4	-7,158.1	11.2	-31.8	43.02	0.261	Level 1
12,700.0	5,402.7	12,688.4	5,391.4	179.7	179.7	0.00	-606.5	-7,258.1	11.2	-32.2	43.43	0.258	Level 1
12,800.0	5,401.8	12,788.4	5,390.6	182.2	182.2	0.00	-606.6	-7,358.1	11.2	-32.6	43.84	0.256	Level 1
12,900.0	5,400.9	12,888.4	5,389.7	184.7	184.7	0.00	-606.6	-7,458.1	11.2	-33.0	44.24	0.253	Level 1
13,000.0	5,400.0	12,988.4	5,388.8	187.1	187.1	0.00	-606.7	-7,558.1	11.2	-33.4	44.65	0.251	Level 1
13,100.0	5,399.2	13,088.4	5,388.0	189.6	189.6	0.00	-606.8	-7,658.1	11.2	-33.9	45.06	0.249	Level 1
13,167.9	5,398.6	13,156.4	5,387.4	191.3	191.3	0.00	-606.9	-7,726.0	11.2	-34.1	45.33	0.247	Level 1, ES

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Escrito E07-2409 02H
Project:	San Juan Co, NM	**TVD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Reference Site:	S7- T24N-R9W	**MD Reference:**	WELL @ 6890.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Escrito E07-2409 02H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Hz	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 6890.0ft (Original Well Elev)	Coordinates are relative to: Escrito E07-2409 02H
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, New Mexico Western Zone
Central Meridian is -107.833333 °	Grid Convergence at Surface is: 0.00°