State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division

New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-3 APD form.

Operator Signature Date: 9/25/13
Well information;
Operator Encana, Well Name and Number Good Times D14-2410 1H

API# 30-045-35493, Section 14, Township 24 (N)S, Range 10 E/(W)

Conditions of Approval:
(See the below checked and handwritten conditions)

- ✓ Notify Aztec OCD 24hrs prior to casing & cement.
- ✓ Hold C-104 for directional survey & "As Drilled" Plat
- ✓ Hold C-104 for (NSL), NSP, DHC
- o Spacing rule violation. Operator must follow up with change of status notification on other well to be shut in or abandoned
- o Regarding the use of a pit, closed loop system or below grade tank, the operator must comply with the following as applicable:
  - A pit requires a complete C-144 be submitted and approved prior to the construction or use of the pit, pursuant to 19.15.17.8.A
  - A closed loop system requires notification prior to use, pursuant to 19.15.17.9.A
  - A below grade tank requires a registration be filed prior to the construction or use of the below grade tank, pursuant to 19.15.17.8.C
- o Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
- o Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils

Charlie Perrin
NMOCD Approved by Signature

1-24-2014 ca
Date

1220 South St. Francis Drive • Santa Fe, New Mexico 87505
Phone (505) 476-3460 • Fax (505) 476-3462 • www.emnrd.state.nm.us/ocd

RECEIVED

SEP 26 2013

CONFIDENTIAL

Form 3160-3
(August 2007)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
NMNM 100807 & ~~NMNM 16760~~

6. If Indian, Allotee or Tribe Name
N/A

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
PENDING

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

8. Lease Name and Well No.
Good Times D14-2410 01H

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

9. API Well No.
30-045-35493

3a. Address	3b. Phone No. *(include area code)*	10. Field and Pool, or Exploratory
370 17th Street, Suite 1700 Denver, CO 80202	720-876-3989	Basin Mancos

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

At surface 1321' FNL and 449' FWL D Section 14, T24N, R10W

At proposed prod. zone 920' FNL and 330' FWL D Section 15, T24N, R10W

11. Sec., T. R. M. or Blk. and Survey or Area
Section 14, T24N, R10W NMPM

14. Distance in miles and direction from nearest town or post office*	12. County or Parish	13. State
+/- 33.3 miles southeast of the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM	San Juan	NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
BHL is 330' from west lease line Section 15, T24N, R10W	NMNM 100807 - 640 ac. NMNM 16760 - 1279.83 ac.	640 acres - All Section 15, T24N, R10W

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on file
Juniper 15 31 is +/- 366' of wellbore	5,263' TVD/10,480' MD	COB-000235

RCVD JAN 17 '14
OIL CONS. DIV.

21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*	23. Estimated duration
6,876' GL, 6,892' KB	05/22/2014	25 days

DIST. 3

24. Attachments

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	Name *(Printed/Typed)*	Date
Brenda R. Linster	Brenda R. Linster	09/25/13

Title
Regulatory Lead

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
/s/ Montoya		12/20/13

Title	Office
AFM	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)

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

NMOCD

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

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

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED
SEP 26 2013
Farmington Field Office
Bureau of Land Management

Form C-102
Revised August 1, 2011

Submit one copy to appropriate District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-045-35493	97232	BASIN MANCOS GAS

4 Property Code	5 Property Name	6 Well Number
403416	GOOD TIMES D14-2410	01H

7 OGRID No.	8 Operator Name	9 Elevation
282327	ENCANA OIL & GAS (USA) INC.	6876.4'

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
D	14	24N	10W		1321'	NORTH	449'	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
D	15	24N	10W		920'	NORTH	330'	WEST	SAN JUAN

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
PROJECT AREA 640.00 ACRES ALL SEC. 15			

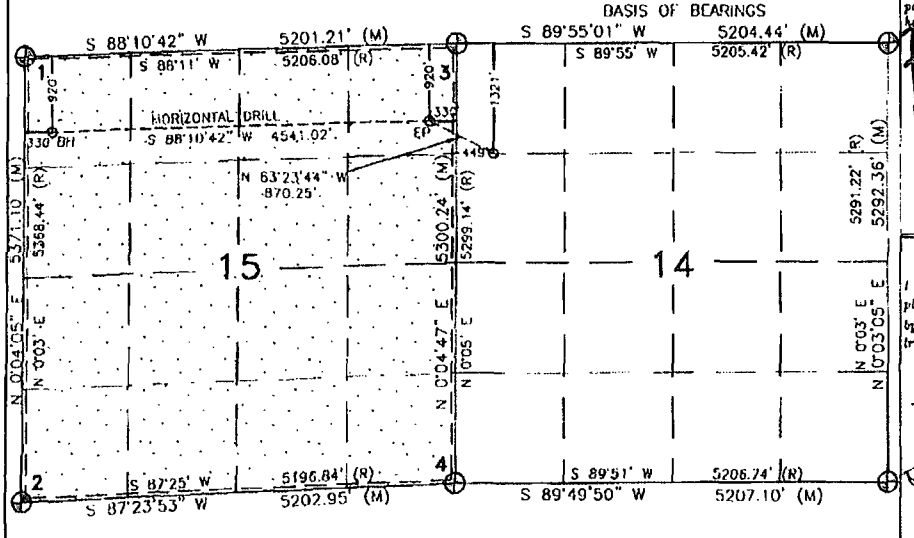
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

BOTTOM HOLE
LAT. 36.318295' N (NAD83)
LONG. 107.891080' W (NADB3)
LAT. 36.318279' N (NAD27)
LONG. 107.890461' W (NAD27)

ENTRY POINT
LAT. 36.318693' N (NAD83)
LONG. 107.875679' W (NADB3)
LAT. 36.318679' N (NAD27)
LONG. 107.875062' W (NAD27)

WELL FLAG
LAT. 36.317623' N (NAD83)
LONG. 107.873039' W (NADB3)
LAT. 36.317612' N (NAD27)
LONG. 107.872421' W (NAD27)



1 LAT. 36.320790' N (NAD83)
LONG. 107.892196' W (NADB3)
LAT. 36.320779' N (NAD27)
LONG. 107.891578' W (NAD27)

2 LAT. 36.306041' N (NAD83)
LONG. 107.892211' W (NADB3)
LAT. 36.306030' N (NAD27)
LONG. 107.891593' W (NAD27)

3 LAT. 36.321248' N (NAD83)
LONG. 107.874556' W (NADB3)
LAT. 36.321237' N (NAD27)
LONG. 107.873938' W (NAD27)

4 LAT. 36.306694' N (NAD83)
LONG. 107.874578' W (NADB3)
LAT. 36.306683' N (NAD27)
LONG. 107.873960' W (NAD27)

⊕ ALL CORNERS FND 2.5" BC GLO 1932

18

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 R Linster 09/25/13
Signature Date

Brenda R. Linster
Printed Name

brenda.linster@encana.com
E-mail Address

SURVEYOR CERTIFICATION

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

JUNE 18, 2013
Date of Survey

Signature and Seal of Professional Surveyor:

DAVID RUSSELL
Certificate Number 10201

ENCANA OIL & GAS (USA) INC.

GOOD TIMES D14-2410 #01H
1321' FNL & 449' FWL
LOCATED IN THE NW/4 NW/4 OF SECTION 14,
T24N, R10W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

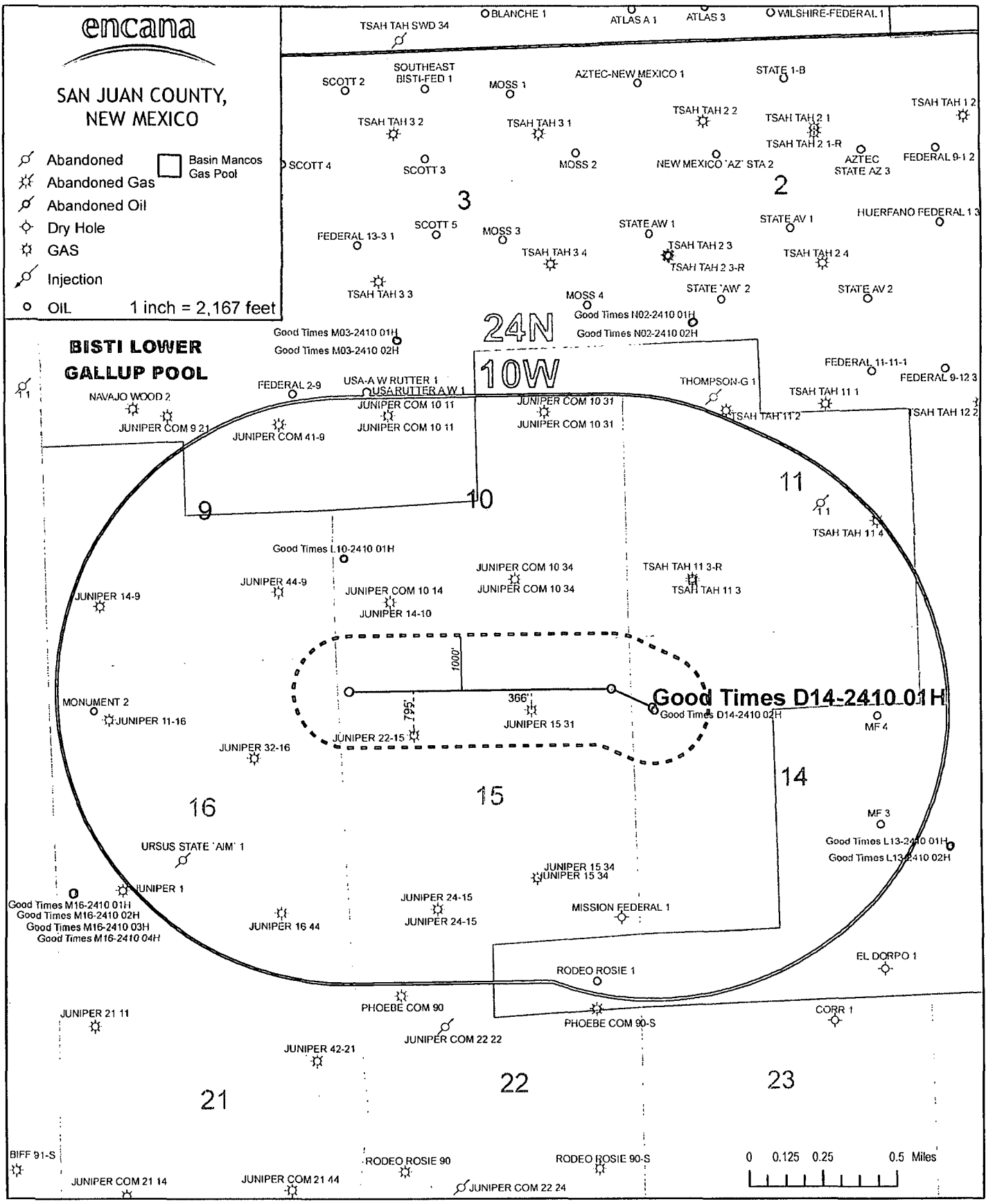
DIRECTIONS

1) FROM THE INTERSECTION OF HWY 64 & HWY 550 IN BLOOMFIELD, GO SOUTH ON HWY 550, 28.2 MILES TO HWY 57 (M.P. 123.4).
2) TURN RIGHT ONTO HWY 57 AND GO 4.3 MILES.
3) TURN LEFT AND GO THROUGH GATE.
4) GO 0.1 MILES AND GO THROUGH SECOND GATE.
5) TRAVEL 0.7 MILES WHERE ACCESS IS STAKED ON LEFT SIDE OF ROAD.

WELL FLAG LOCATED AT LAT. 36.317623° N, LONG.107.873039° W (NAD 83).

JOB No.: ENC099
DATE: 07/11/13

Scorpion Survey & Consulting, L.L.C.
55 County Road 3312
Aztec, New Mexico 87410
(505) 333-2945


encana
SAN JUAN COUNTY,
NEW MEXICO
Abandoned
Abandoned Gas
Abandoned Oil
Dry Hole
GAS
Injection
OIL
Basin Mancos Gas Pool
1 inch = 2,167 feet
BISTI LOWER GALLUP POOL
24N
10W
Good Times D14-2410 01H
Good Times D14-2410 02H
1000'
795'
366'
TSAH TAH SWD 34
BLANCHE 1
ATLAS A 1
ATLAS 3
WILSHIRE-FEDERAL 1
SOUTHEAST BISTI-FED 1
SCOTT 2
MOSS 1
AZTEC-NEW MEXICO 1
STATE 1-B
TSAH TAH 3 2
TSAH TAH 3 1
TSAH TAH 2 2
TSAH TAH 2 1
TSAH TAH 1 2
TSAH TAH 2 1-R
SCOTT 4
SCOTT 3
MOSS 2
NEW MEXICO 'AZ' STA 2
AZTEC STATE AZ 3
FEDERAL 9-1 2
3
2
SCOTT 5
MOSS 3
STATE AW 1
STATE AV 1
HUERFANO FEDERAL 1 3
FEDERAL 13-3 1
TSAH TAH 3 4
TSAH TAH 2 3
TSAH TAH 2 3-R
TSAH TAH 2 4
TSAH TAH 3 3
MOSS 4
STATE 'AW' 2
STATE AV 2
Good Times N02-2410 01H
Good Times N02-2410 02H
Good Times M03-2410 01H
Good Times M03-2410 02H
FEDERAL 11-11-1
FEDERAL 9-12 3
NAVAJO WOOD 2
FEDERAL 2-9
USA-A W RUTTER 1
USARUTTER A W 1
THOMPSON-G 1
TSAH TAH 11 1
JUNIPER COM 9 21
JUNIPER COM 41-9
JUNIPER COM 10 11
JUNIPER COM 10 11
JUNIPER COM 10 31
JUNIPER COM 10 31
TSAH TAH 11 2
TSAH TAH 12 2
9
10
11
TSAH TAH 11 4
Good Times L10-2410 01H
JUNIPER 44-9
JUNIPER COM 10 34
JUNIPER COM 10 34
TSAH TAH 11 3-R
JUNIPER 14-9
JUNIPER COM 10 14
JUNIPER 14-10
TSAH TAH 11 3
MONUMENT 2
JUNIPER 11-16
JUNIPER 15 31
MF 4
JUNIPER 22-15
JUNIPER 32-16
16
15
14
MF 3
URSUS STATE 'AIM' 1
Good Times L13-2410 01H
Good Times L13-2410 02H
JUNIPER 15 34
JUNIPER 15 34
JUNIPER 1
Good Times M16-2410 01H
Good Times M16-2410 02H
Good Times M16-2410 03H
Good Times M16-2410 04H
JUNIPER 24-15
JUNIPER 24-15
MISSION FEDERAL 1
JUNIPER 16 44
EL DORPO 1
RODEO ROSIE 1
PHOEBE COM 90
PHOEBE COM 90-S
CORR 1
JUNIPER 21 11
JUNIPER COM 22 22
JUNIPER 42-21
21
22
23
BIFF 91-S
RODEO ROSIE 90
RODEO ROSIE 90-S
JUNIPER COM 21 14
JUNIPER COM 21 44
JUNIPER COM 22 24
0 0.125 0.25 0.5 Miles

SHEET E

Good Times D14-2410 01H
SHL: NWNW Section 14, T24N, R10W
1321 FNL and 449 FWL
BHL: NWNW Section 15, T24N, R10W
920 FNL and 330 FNL
San Juan County, New Mexico
Lease Number: NMNM 100807 & NMNM 16760

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) units = feet
Ojo Alamo Ss.	795
Kirtland Shale	937
Fruitland Coal	1,272
Pictured Cliffs Ss.	1,601
Lewis Shale	1,752
Cliffhouse Ss.	2,359
Menefee Fn.	3,117
Point Lookout Ss.	4,032
Mancos Shale	4,232
Mancos Silt	4,829
Gallup Fn.	5,050

The referenced surface elevation is 6,876', KB 6,892'

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

Substance	Formation	Depth (TVD) units = feet
Water/Gas	Fruitland Coal	1,272
Oil/Gas	Pictured Cliffs Ss.	1,601
Oil/Gas	Cliffhouse Ss.	2,359
Gas	Menefee Fn.	3,117
Oil/Gas	Point Lookout Ss.	4,032
Oil/Gas	Mancos Shale	4,232
Oil/Gas	Mancos Silt	4,829
Oil/Gas	Gallup Fn.	5,050

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'-5840'MD	8 3/4"	7"	26#	J55, LTC New
Production Liner	5640'-10480'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.

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920 FNL and 330 FNL
San Juan County, New Mexico
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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.

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	5840'MD	30% open hole excess Stage 1 Lead: 227sks Stage 1 Tail: 156sks Stage 2 Lead: 128sks	**Lead** (Stages 1 and 2): PremLite + 3% CaCl + 0.25lb/sk CelloFlake + 5lb/sk LCM, 12.1ppg 2.13cuft/sk **Tail** (Stage 1): 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*	5640'-10480'	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.

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920 FNL and 330 FNL
San Juan County, New Mexico
Lease Number: NMNM 100807 & NMNM 16760

5. WELL PLAN & DIRECTIONAL DRILLING PROGRAM

The proposed horizontal well will have a kick off point of 4727'. Directional plans are attached.

Description	Proposed Depth (TVD/MD)	Formation
Horizontal Lateral TD	5263'/10480'	Gallup

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 3/4"	500'TVD-5311'TVD/5840'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"	5840'-10480'	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 with 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

Good Times D14-2410 01H
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920 FNL and 330 FNL
San Juan County, New Mexico
Lease Number: NMNM 100807 & NMNM 16760

8. ABNORMAL PRESSURES & HYDROGEN SULFIDE

The anticipated bottom hole pressure is +/- 2486 psi based on a 9.0 ppg at 5311' 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.

9. ANTICIPATED START DATE AND DURATION OF OPERATIONS

Drilling is estimated to commence on May 22, 2014. 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 14-T24N-R10W County: San Juan WELL: Good Times D14-2410 01H	Encana Natural Gas WELL SUMMARY	encana	ENG: RIG: GLE: 6876 RKBE: 6892	9/17/13

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 14.8ppg 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	795 937 1272 1601 1752 2359 3117		8 3/4	**7" 26ppf J55 LTC** Stage tool @1651' TOC @ surface 30% OH excess: 511 sksTotal. Stage 1 Lead: 227sks Stage 1 Tail: 156sks. Stage 2 Lead: 128sks	Fresh Wtr 8.5-8.8	Vertical <1°
	Mud logger onsite	Point Lookout Ss Mancos Sh **KICK OFF PT** Mancos Silt Gallup Top 7" csg	4032 4232 4727 4829 5050 5311	5840				KOP 4727 10 deg/100'
		horz target Base Gallup	5311 5362	5940	6 1/8	200' overlap at liner top 4540' Lateral	8.6-9.0 OBM	25deg updip 5263'TVD TD = 10480' 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 Plan on setting top packer within 100' of intermediate casing shoe	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 4727' , 8 3/4" hole size,
5) PU directional tools and start curve at 10deg/100' build rate
6) Drill to casing point of 5840' MD
7) R&C 7" casing, circ cmt to surface, switch to OBM
8) Land at 90deg, drill 4540' lateral to 10480', run 4 1/2" liner with external swellable csg packers

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

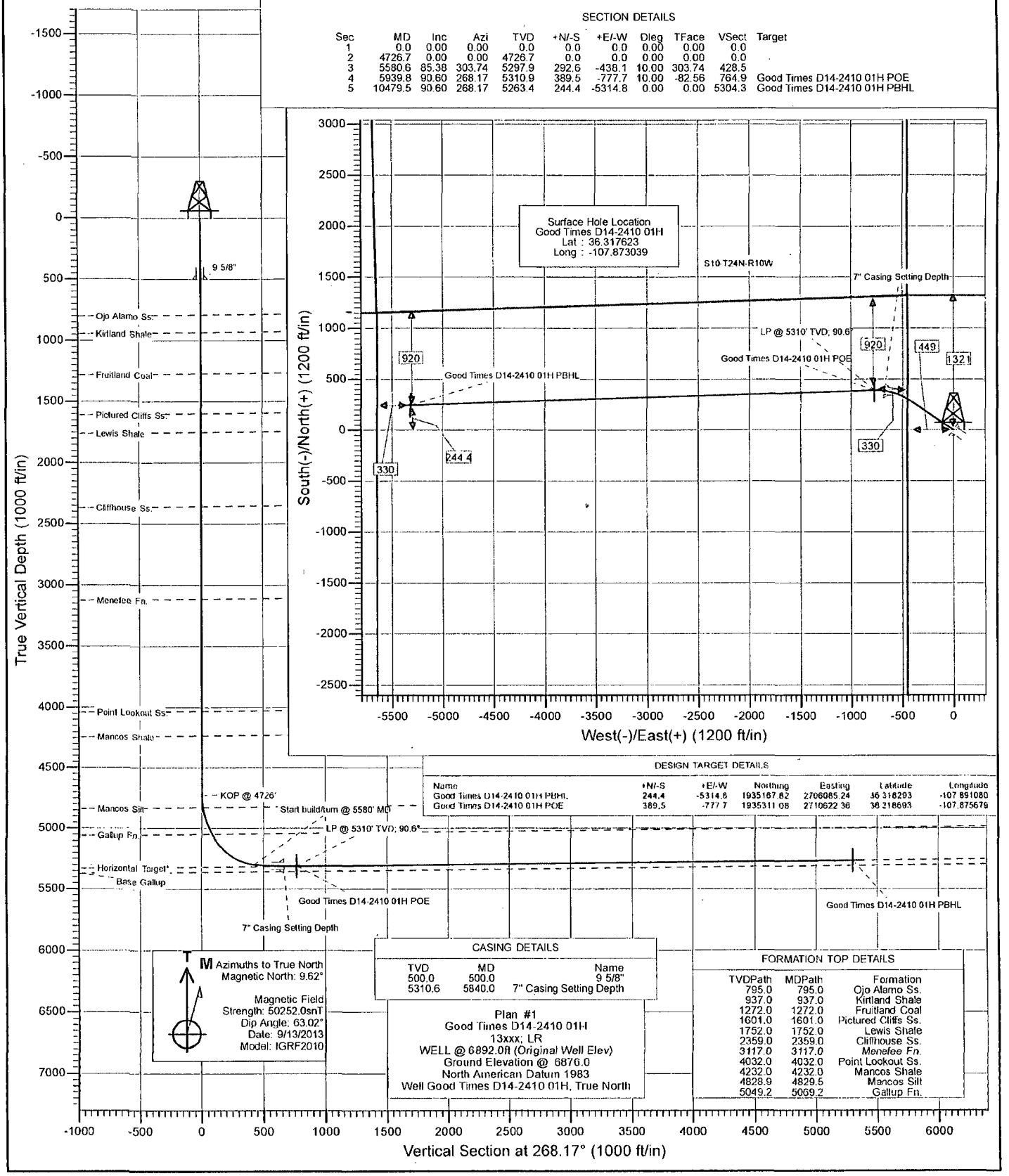
encana natural gas

Project: San Juan County, NM
Site: S14-T24N-R10W
Well: Good Times D14-2410 01H
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	4726.7	0.00	0.00	4726.7	0.0	0.0	0.00	0.00	0.0	
3	5580.6	85.38	303.74	5297.9	292.6	-438.1	10.00	303.74	428.5	
4	5939.8	90.60	268.17	5310.9	389.5	-777.7	10.00	-82.56	764.9	Good Times D14-2410 01H POE
5	10479.5	90.60	268.17	5263.4	244.4	-5314.8	0.00	0.00	5304.3	Good Times D14-2410 01H PBHL



DESIGN TARGET DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Good Times D14-2410 01H PBHL	244.4	-5314.8	1935167.82	2706085.24	36.316293	-107.891080
Good Times D14-2410 01H POE	389.5	-777.7	1935311.08	2710622.36	36.316693	-107.875679

CASING DETAILS

TVD	MD	Name
500.0	500.0	9 5/8"
5310.6	5840.0	7" Casing Setting Depth

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
795.0	795.0	Ojo Alamo Ss.
937.0	937.0	Kirtland Shale
1272.0	1272.0	Fruitland Coal
1601.0	1601.0	Pictured Cliffs Ss.
1752.0	1752.0	Lewis Shale
2359.0	2359.0	Cliffhouse Ss.
3117.0	3117.0	*Menefee Fm.*
4032.0	4032.0	Point Lookout Ss.
4232.0	4232.0	Mancos Shale
4828.9	4829.5	Mancos Silt
5049.2	5069.2	Gallup Fm.

M Azimuths to True North
Magnetic North: 9.62°

Magnetic Field
Strength: 50252.0snT
Dip Angle: 63.02°
Date: 9/13/2013
Model: IGRF2010

Plan #1
Good Times D14-2410 01H
13xxx; LR
WELL @ 6892.0ft (Original Well Elev)
Ground Elevation @ 6876.0
North American Datum 1983
Well Good Times D14-2410 01H, True North

Planning Report

Database:	USA EDM 5000 Multi Users DB	**Local Co-ordinate Reference:**	Well Good Times D14-2410 01H
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Project:	San Juan County, NM	**MD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Site:	S14-T24N-R10W	**North Reference:**	True
Well:	Good Times D14-2410 01H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

Project	San Juan County, NM		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	S14-T24N-R10W				
Site Position:		**Northing:**	1,934,894.31 ft	**Latitude:**	36.317549
From:	Lat/Long	**Easting:**	2,711,386.96 ft	**Longitude:**	-107.873083
Position Uncertainty:	0.0 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	-0.02 °

Well	Good Times D14-2410 01H					
Well Position	**+N/-S**	0.0 ft	**Northing:**	1,934,921.24 ft	**Latitude:**	36.317623
	+E/-W	0.0 ft	**Easting:**	2,711,399.93 ft	**Longitude:**	-107.873039
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,876.0 ft

Wellbore	Hz				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	9/13/2013	9.62	63.02	50,252

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	268.17	

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	
4,726.7	0.00	0.00	4,726.7	0.0	0.0	0.00	0.00	0.00	0.00	
5,580.6	85.38	303.74	5,297.9	292.6	-438.1	10.00	10.00	0.00	303.74	
5,939.8	90.60	268.17	5,310.9	389.5	-777.7	10.00	1.45	-9.90	-82.56	Good Times D14-241
10,479.5	90.60	268.17	5,263.4	244.4	-5,314.8	0.00	0.00	0.00	0.00	Good Times D14-241

Database:	USA EDM 5000 Multi Users DB	**Local Co-ordinate Reference:**	Well Good Times D14-2410 01H
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Project:	San Juan County, NM	**MD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Site:	S14-T24N-R10W	**North Reference:**	True
Well:	Good Times D14-2410 01H	**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	
795.0	0.00	0.00	795.0	0.0	0.0	0.0	0.00	0.00	Ojo Alamo Ss.
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	
937.0	0.00	0.00	937.0	0.0	0.0	0.0	0.00	0.00	Kirtland Shale
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	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	
1,272.0	0.00	0.00	1,272.0	0.0	0.0	0.0	0.00	0.00	Fruitland Coal
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	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	
1,601.0	0.00	0.00	1,601.0	0.0	0.0	0.0	0.00	0.00	Pictured Cliffs Ss.
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	
1,752.0	0.00	0.00	1,752.0	0.0	0.0	0.0	0.00	0.00	Lewis Shale
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	
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	
2,359.0	0.00	0.00	2,359.0	0.0	0.0	0.0	0.00	0.00	Cliffhouse Ss.
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	
2,700.0	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	
3,117.0	0.00	0.00	3,117.0	0.0	0.0	0.0	0.00	0.00	Menefee Fn.
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	
3,400.0	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	
4,032.0	0.00	0.00	4,032.0	0.0	0.0	0.0	0.00	0.00	Point Lookout Ss.
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	
4,232.0	0.00	0.00	4,232.0	0.0	0.0	0.0	0.00	0.00	Mancos Shale

Planning Report

Database:	USA EDM 5000 Multi Users DB	**Local Co-ordinate Reference:**	Well Good Times D14-2410 01H
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Project:	San Juan County, NM	**MD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Site:	S14-T24N-R10W	**North Reference:**	True
Well:	Good Times D14-2410 01H	**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
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	
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	
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	
4,726.7	0.00	0.00	4,726.7	0.0	0.0	0.0	0.00	0.00	KOP @ 4726'
4,800.0	7.33	303.74	4,799.8	2.6	-3.9	3.8	10.00	10.00	
4,829.5	10.28	303.74	4,828.9	5.1	-7.6	7.5	10.00	10.00	Mancos Silt
4,900.0	17.33	303.74	4,897.4	14.4	-21.6	21.2	10.00	10.00	
5,000.0	27.33	303.74	4,989.8	35.5	-53.2	52.0	10.00	10.00	
5,069.2	34.24	303.74	5,049.2	55.2	-82.6	80.8	10.00	10.00	Gallup Fn.
5,100.0	37.33	303.74	5,074.2	65.2	-97.6	95.5	10.00	10.00	
5,200.0	47.32	303.74	5,148.0	102.5	-153.5	150.2	10.00	10.00	
5,300.0	57.32	303.74	5,209.0	146.4	-219.2	214.5	10.00	10.00	
5,400.0	67.32	303.74	5,255.4	195.6	-292.8	286.4	10.00	10.00	
5,500.0	77.32	303.74	5,285.8	248.4	-371.9	363.8	10.00	10.00	
5,580.6	85.38	303.74	5,297.9	292.6	-438.1	428.5	10.00	10.00	Start build/turn @ 5580' MD
5,600.0	85.63	301.81	5,299.4	303.1	-454.4	444.5	10.00	1.31	
5,700.0	87.01	291.89	5,305.8	348.1	-543.3	531.9	10.00	1.38	
5,800.0	88.48	281.99	5,309.8	377.2	-638.8	626.4	10.00	1.47	
5,840.0	89.08	278.03	5,310.6	384.1	-678.2	665.5	10.00	1.51	7" Casing Setting Depth
5,900.0	89.99	272.11	5,311.1	389.4	-737.9	725.1	10.00	1.52	
5,939.8	90.60	268.17	5,310.9	389.5	-777.7	764.9	10.00	1.52	LP @ 5310' TVD; 90.6°
6,000.0	90.60	268.17	5,310.3	387.6	-837.8	825.0	0.00	0.00	
6,100.0	90.60	268.17	5,309.2	384.4	-937.8	925.0	0.00	0.00	
6,200.0	90.60	268.17	5,308.2	381.2	-1,037.7	1,025.0	0.00	0.00	
6,300.0	90.60	268.17	5,307.1	378.0	-1,137.7	1,125.0	0.00	0.00	
6,400.0	90.60	268.17	5,306.1	374.8	-1,237.6	1,225.0	0.00	0.00	
6,500.0	90.60	268.17	5,305.0	371.6	-1,337.6	1,325.0	0.00	0.00	
6,600.0	90.60	268.17	5,304.0	368.4	-1,437.5	1,425.0	0.00	0.00	
6,700.0	90.60	268.17	5,303.0	365.2	-1,537.5	1,525.0	0.00	0.00	
6,800.0	90.60	268.17	5,301.9	362.0	-1,637.4	1,625.0	0.00	0.00	
6,900.0	90.60	268.17	5,300.9	358.8	-1,737.3	1,725.0	0.00	0.00	
7,000.0	90.60	268.17	5,299.8	355.6	-1,837.3	1,825.0	0.00	0.00	
7,100.0	90.60	268.17	5,298.8	352.4	-1,937.2	1,925.0	0.00	0.00	
7,200.0	90.60	268.17	5,297.7	349.2	-2,037.2	2,025.0	0.00	0.00	
7,300.0	90.60	268.17	5,296.7	346.0	-2,137.1	2,125.0	0.00	0.00	
7,400.0	90.60	268.17	5,295.6	342.8	-2,237.1	2,225.0	0.00	0.00	
7,500.0	90.60	268.17	5,294.6	339.6	-2,337.0	2,325.0	0.00	0.00	
7,600.0	90.60	268.17	5,293.5	336.4	-2,436.9	2,425.0	0.00	0.00	
7,700.0	90.60	268.17	5,292.5	333.3	-2,536.9	2,524.9	0.00	0.00	
7,800.0	90.60	268.17	5,291.5	330.1	-2,636.8	2,624.9	0.00	0.00	
7,900.0	90.60	268.17	5,290.4	326.9	-2,736.8	2,724.9	0.00	0.00	
8,000.0	90.60	268.17	5,289.4	323.7	-2,836.7	2,824.9	0.00	0.00	
8,100.0	90.60	268.17	5,288.3	320.5	-2,936.7	2,924.9	0.00	0.00	
8,200.0	90.60	268.17	5,287.3	317.3	-3,036.6	3,024.9	0.00	0.00	
8,300.0	90.60	268.17	5,286.2	314.1	-3,136.5	3,124.9	0.00	0.00	
8,400.0	90.60	268.17	5,285.2	310.9	-3,236.5	3,224.9	0.00	0.00	
8,500.0	90.60	268.17	5,284.1	307.7	-3,336.4	3,324.9	0.00	0.00	
8,600.0	90.60	268.17	5,283.1	304.5	-3,436.4	3,424.9	0.00	0.00	
8,700.0	90.60	268.17	5,282.0	301.3	-3,536.3	3,524.9	0.00	0.00	
8,800.0	90.60	268.17	5,281.0	298.1	-3,636.3	3,624.9	0.00	0.00	

Database:	USA EDM 5000 Multi Users DB	**Local Co-ordinate Reference:**	Well Good Times D14-2410 01H
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Project:	San Juan County, NM	**MD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Site:	S14-T24N-R10W	**North Reference:**	True
Well:	Good Times D14-2410 01H	**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	90.60	268.17	5,280.0	294.9	-3,736.2	3,724.9	0.00	0.00	
9,000.0	90.60	268.17	5,278.9	291.7	-3,836.1	3,824.9	0.00	0.00	
9,100.0	90.60	268.17	5,277.9	288.5	-3,936.1	3,924.9	0.00	0.00	
9,200.0	90.60	268.17	5,276.8	285.3	-4,036.0	4,024.9	0.00	0.00	
9,300.0	90.60	268.17	5,275.8	282.1	-4,136.0	4,124.9	0.00	0.00	
9,400.0	90.60	268.17	5,274.7	278.9	-4,235.9	4,224.9	0.00	0.00	
9,500.0	90.60	268.17	5,273.7	275.7	-4,335.9	4,324.9	0.00	0.00	
9,600.0	90.60	268.17	5,272.6	272.5	-4,435.8	4,424.8	0.00	0.00	
9,700.0	90.60	268.17	5,271.6	269.3	-4,535.8	4,524.8	0.00	0.00	
9,800.0	90.60	268.17	5,270.6	266.1	-4,635.7	4,624.8	0.00	0.00	
9,900.0	90.60	268.17	5,269.5	262.9	-4,735.6	4,724.8	0.00	0.00	
10,000.0	90.60	268.17	5,268.5	259.7	-4,835.6	4,824.8	0.00	0.00	
10,100.0	90.60	268.17	5,267.4	256.5	-4,935.5	4,924.8	0.00	0.00	
10,200.0	90.60	268.17	5,266.4	253.3	-5,035.5	5,024.8	0.00	0.00	
10,300.0	90.60	268.17	5,265.3	250.1	-5,135.4	5,124.8	0.00	0.00	
10,400.0	90.60	268.17	5,264.3	246.9	-5,235.4	5,224.8	0.00	0.00	
10,479.5	90.60	268.17	5,263.4	244.4	-5,314.8	5,304.3	0.00	0.00	TD at 10479.5

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
Good Times D14-2410 0 - plan hits target center - Point	0.00	0.00	5,310.9	389.5	-777.7	1,935,311.08	2,710,622.36	36.318693	-107.875679
Good Times D14-2410 0 - plan hits target center - Point	0.00	0.00	5,263.4	244.4	-5,314.8	1,935,167.82	2,706,085.24	36.318293	-107.891080

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
500.0	500.0	9 5/8"	0.000	0.000
5,840.0	5,310.6	7" Casing Setting Depth	0.000	0.000

Database:	USA EDM 5000 Multi Users DB	**Local Co-ordinate Reference:**	Well Good Times D14-2410 01H
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Project:	San Juan County, NM	**MD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Site:	S14-T24N-R10W	**North Reference:**	True
Well:	Good Times D14-2410 01H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
795.0	795.0	Ojo Alamo Ss.		-0.60	268.17
937.0	937.0	Kirtland Shale		-0.60	268.17
1,272.0	1,272.0	Fruitland Coal		-0.60	268.17
1,601.0	1,601.0	Pictured Cliffs Ss.		-0.60	268.17
1,752.0	1,752.0	Lewis Shale		-0.60	268.17
2,359.0	2,359.0	Cliffhouse Ss.		-0.60	268.17
3,117.0	3,117.0	Menefee Fn.		-0.60	268.17
4,032.0	4,032.0	Point Lookout Ss.		-0.60	268.17
4,232.0	4,232.0	Mancos Shale		-0.60	268.17
4,829.5	4,829.0	Mancos Silt		-0.60	268.17
5,069.2	5,050.0	Gallup Fn.		-0.60	268.17

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
4,726.7	4,726.7	0.0	0.0	KOP @ 4726'
5,580.6	5,297.9	292.6	-438.1	Start build/turn @ 5580' MD
5,939.8	5,310.9	389.5	-777.7	LP @ 5310' TVD; 90.6°
10,479.5	5,263.4	244.4	-5,314.8	TD at 10479.5

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Good Times D14-2410 01H
Project:	San Juan County, NM	**TVD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Reference Site:	S14-T24N-R10W	**MD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	*Good Times D14-2410 01H*	***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:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	Systematic Ellipse
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 500.0ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 9/13/2013

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	10,479.3	Plan #1 (Hz)	Geolink 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
S14-T24N-R10W						
Good Times D14-2410 02H - Hz - Plan #1	4,200.0	4,200.0	29.9	15.3	2.047	CC, ES, SF

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 Good Times D14-2410 01H
Project:	San Juan County, NM	**TVD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Reference Site:	S14-T24N-R10W	**MD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Good Times D14-2410 01H	**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 S14-T24N-R10W - Good Times D14-2410 02H - Hz - Plan #1 — Offset Site Error: 0.0 ft

Survey Program: 0-Geolink 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	-154.30	-26.9	-13.0	29.9				
100.0	100.0	100.0	100.0	0.1	0.1	-154.30	-26.9	-13.0	29.9	29.6	0.29	101.954	
200.0	200.0	200.0	200.0	0.3	0.3	-154.30	-26.9	-13.0	29.9	29.3	0.64	46.544	
300.0	300.0	300.0	300.0	0.5	0.5	-154.30	-26.9	-13.0	29.9	28.9	0.99	30.155	
400.0	400.0	400.0	400.0	0.7	0.7	-154.30	-26.9	-13.0	29.9	28.6	1.34	22.302	
500.0	500.0	500.0	500.0	0.8	0.8	-154.30	-26.9	-13.0	29.9	28.2	1.69	17.694	
600.0	600.0	600.0	600.0	1.0	1.0	-154.30	-26.9	-13.0	29.9	27.9	2.04	14.665	
700.0	700.0	700.0	700.0	1.2	1.2	-154.30	-26.9	-13.0	29.9	27.5	2.39	12.521	
800.0	800.0	800.0	800.0	1.4	1.4	-154.30	-26.9	-13.0	29.9	27.2	2.74	10.924	
900.0	900.0	900.0	900.0	1.5	1.5	-154.30	-26.9	-13.0	29.9	26.8	3.09	9.688	
1,000.0	1,000.0	1,000.0	1,000.0	1.7	1.7	-154.30	-26.9	-13.0	29.9	26.5	3.43	8.703	
1,100.0	1,100.0	1,100.0	1,100.0	1.9	1.9	-154.30	-26.9	-13.0	29.9	26.1	3.78	7.900	
1,200.0	1,200.0	1,200.0	1,200.0	2.1	2.1	-154.30	-26.9	-13.0	29.9	25.8	4.13	7.233	
1,300.0	1,300.0	1,300.0	1,300.0	2.2	2.2	-154.30	-26.9	-13.0	29.9	25.4	4.48	6.670	
1,400.0	1,400.0	1,400.0	1,400.0	2.4	2.4	-154.30	-26.9	-13.0	29.9	25.1	4.83	6.188	
1,500.0	1,500.0	1,500.0	1,500.0	2.6	2.6	-154.30	-26.9	-13.0	29.9	24.7	5.18	5.771	
1,600.0	1,600.0	1,600.0	1,600.0	2.8	2.8	-154.30	-26.9	-13.0	29.9	24.4	5.53	5.407	
1,700.0	1,700.0	1,700.0	1,700.0	2.9	2.9	-154.30	-26.9	-13.0	29.9	24.0	5.88	5.086	
1,800.0	1,800.0	1,800.0	1,800.0	3.1	3.1	-154.30	-26.9	-13.0	29.9	23.7	6.23	4.801	
1,900.0	1,900.0	1,900.0	1,900.0	3.3	3.3	-154.30	-26.9	-13.0	29.9	23.3	6.58	4.546	
2,000.0	2,000.0	2,000.0	2,000.0	3.5	3.5	-154.30	-26.9	-13.0	29.9	23.0	6.93	4.317	
2,100.0	2,100.0	2,100.0	2,100.0	3.6	3.6	-154.30	-26.9	-13.0	29.9	22.6	7.27	4.109	
2,200.0	2,200.0	2,200.0	2,200.0	3.8	3.8	-154.30	-26.9	-13.0	29.9	22.3	7.62	3.921	
2,300.0	2,300.0	2,300.0	2,300.0	4.0	4.0	-154.30	-26.9	-13.0	29.9	21.9	7.97	3.750	
2,400.0	2,400.0	2,400.0	2,400.0	4.2	4.2	-154.30	-26.9	-13.0	29.9	21.6	8.32	3.592	
2,500.0	2,500.0	2,500.0	2,500.0	4.3	4.3	-154.30	-26.9	-13.0	29.9	21.2	8.67	3.448	
2,600.0	2,600.0	2,600.0	2,600.0	4.5	4.5	-154.30	-26.9	-13.0	29.9	20.9	9.02	3.314	
2,700.0	2,700.0	2,700.0	2,700.0	4.7	4.7	-154.30	-26.9	-13.0	29.9	20.5	9.37	3.191	
2,800.0	2,800.0	2,800.0	2,800.0	4.9	4.9	-154.30	-26.9	-13.0	29.9	20.2	9.72	3.078	
2,900.0	2,900.0	2,900.0	2,900.0	5.0	5.0	-154.30	-26.9	-13.0	29.9	19.8	10.07	2.970	
3,000.0	3,000.0	3,000.0	3,000.0	5.2	5.2	-154.30	-26.9	-13.0	29.9	19.5	10.42	2.870	
3,100.0	3,100.0	3,100.0	3,100.0	5.4	5.4	-154.30	-26.9	-13.0	29.9	19.1	10.77	2.777	
3,200.0	3,200.0	3,200.0	3,200.0	5.6	5.6	-154.30	-26.9	-13.0	29.9	18.8	11.11	2.690	
3,300.0	3,300.0	3,300.0	3,300.0	5.7	5.7	-154.30	-26.9	-13.0	29.9	18.4	11.46	2.608	
3,400.0	3,400.0	3,400.0	3,400.0	5.9	5.9	-154.30	-26.9	-13.0	29.9	18.1	11.81	2.531	
3,500.0	3,500.0	3,500.0	3,500.0	6.1	6.1	-154.30	-26.9	-13.0	29.9	17.7	12.16	2.458	
3,600.0	3,600.0	3,600.0	3,600.0	6.3	6.3	-154.30	-26.9	-13.0	29.9	17.4	12.51	2.390	
3,700.0	3,700.0	3,700.0	3,700.0	6.4	6.4	-154.30	-26.9	-13.0	29.9	17.0	12.86	2.325	
3,800.0	3,800.0	3,800.0	3,800.0	6.6	6.6	-154.30	-26.9	-13.0	29.9	16.7	13.21	2.263	
3,900.0	3,900.0	3,900.0	3,900.0	6.8	6.8	-154.30	-26.9	-13.0	29.9	16.3	13.56	2.205	
4,000.0	4,000.0	4,000.0	4,000.0	7.0	7.0	-154.30	-26.9	-13.0	29.9	16.0	13.91	2.150	
4,100.0	4,100.0	4,100.0	4,100.0	7.1	7.1	-154.30	-26.9	-13.0	29.9	15.6	14.26	2.097	
4,200.0	4,200.0	4,200.0	4,200.0	7.3	7.3	-154.30	-26.9	-13.0	29.9	15.3	14.60	2.047	CC, ES, SF
4,300.0	4,300.0	4,295.4	4,295.2	7.5	7.5	-155.04	-32.8	-15.3	36.6	21.6	14.95	2.445	
4,400.0	4,400.0	4,387.6	4,385.5	7.7	7.6	-156.21	-49.7	-21.9	56.2	40.9	15.30	3.674	
4,500.0	4,500.0	4,473.8	4,467.2	7.8	7.9	-156.99	-75.1	-31.9	87.9	72.2	15.66	5.613	
4,600.0	4,600.0	4,550.0	4,536.2	8.0	8.1	-157.42	-105.0	-43.6	130.3	114.3	16.04	8.126	
4,700.0	4,700.0	4,622.9	4,598.7	8.2	8.4	-157.70	-139.8	-57.3	181.9	165.4	16.46	11.047	
4,726.7	4,726.7	4,640.3	4,613.1	8.2	8.5	-157.75	-149.0	-60.9	197.0	180.4	16.58	11.885	
4,750.0	4,750.0	4,650.0	4,621.0	8.3	8.5	-99.89	-154.2	-63.0	210.8	194.5	16.35	12.894	
4,800.0	4,799.8	4,684.5	4,648.4	8.4	8.7	-97.06	-173.7	-70.7	241.8	225.3	16.50	14.657	
4,850.0	4,849.1	4,711.5	4,669.1	8.4	8.9	-94.25	-189.8	-77.0	275.0	258.3	16.65	16.518	

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 Good Times D14-2410 01H
Project:	San Juan County, NM	**TVD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Reference Site:	S14-T24N-R10W	**MD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Good Times D14-2410 01H	**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 S14-T24N-R10W - Good Times D14-2410 02H - Hz - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-Geolink MWD

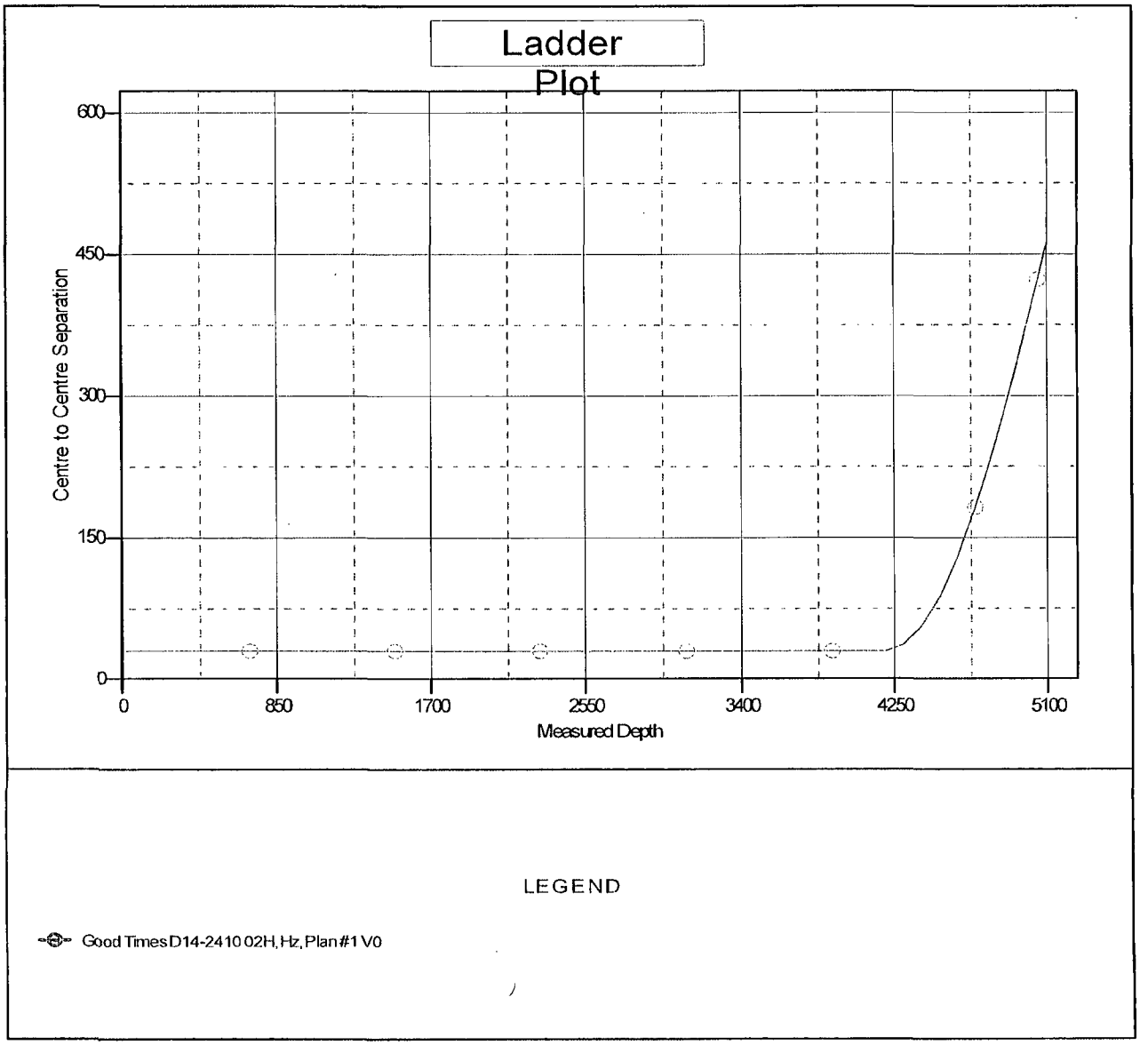
Offset Well Error: 0.0 ft

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
4,900.0	4,897.4	4,735.7	4,687.2	8.5	9.0	-91.33	-204.9	-82.9	309.9	293.1	16.81	18.438	
4,950.0	4,944.4	4,750.0	4,697.5	8.7	9.1	-87.30	-214.0	-86.5	346.6	329.6	16.98	20.408	
5,000.0	4,989.8	4,776.4	4,716.2	8.8	9.3	-84.49	-231.4	-93.4	384.3	367.1	17.20	22.341	
5,050.0	5,033.1	4,800.0	4,732.2	9.0	9.5	-81.35	-247.5	-99.7	423.4	406.0	17.44	24.272	
5,100.0	5,074.2	4,800.0	4,732.2	9.2	9.5	-74.87	-247.5	-99.7	463.3	445.7	17.64	26.272	

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well Good Times D14-2410 01H
Project:	San Juan County, NM	**TVD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Reference Site:	S14-T24N-R10W	**MD Reference:**	WELL @ 6892.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Good Times D14-2410 01H	**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 @ 6892.0ft (Original Well Elev)	Coordinates are relative to: Good Times D14-2410 01H
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: -0.02°



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

2. After removal of vegetation, topsoil will be segregated and windrowed on the edge of the. Topsoil will be defined as the top six (6) inches of soil. The stockpiled topsoil will be free of brush and tree limbs, trunks and root balls, but may include chipped or mulched material so long as it is incorporated into the topsoil stockpile.

   Topsoil will be stockpiled separate from subsoil with a noticeable gap left between the stockpiles. Vehicle/equipment traffic will be prevented from crossing topsoil stockpiles.

   Topsoil will not be stripped when soils are moisture-saturated or frozen below the stripping depth.

   If the location becomes prone to wind or water erosion, Encana will take appropriate measures to prevent topsoil loss from wind. Such measures may include using tackifiers or water to wet the topsoil stockpile so that a crust is created across the exposed soil to prevent soil loss.

3. All construction materials for the well pad will consist of native borrow and subsoil accumulated during well pad construction. If additional fill or surfacing material is required, it will be obtained from existing permitted or private sources and will be hauled in by trucks over existing access roads.

   The maximum cut will be approximately 13.2 feet on the northeast midline on line 1 between corners 2 and 6. The maximum fill will be approximately 13.8 feet on the north corner (corner 5).

4. As determined during the onsite on September 4, 2013, the following best management practices will be implemented:

   a. Water will be diverted around the pad and silt traps installed as needed upon interim reclamation.

5. Construction equipment may include chain saws, a brush hog, scraper, maintainer, excavator, and dozer. Construction for the access road and well pad will take approximately 2 to 3 weeks.

C. Pipeline
See the Plan of Development submitted with the final Standard SF-299 Application for authorization to construct, operate, maintain and terminate a 2,473.5 foot, up to 6-inch buried, steel well connect pipeline that was submitted to the BLM concurrently with the APD.

7. METHODS FOR HANDLING WASTE

A. Cuttings

✓ 1. A closed-loop system will be used. Cuttings will be moved through a shaker system on the drill rig that separates drilling fluids from the cuttings. Cuttings will be stored onsite in above-ground storage tanks. Cuttings will be pulled from the storage tanks, mixed with saw dust or similar absorbent material, and disposed of at the Envirotech, Inc. and/or Industrial Ecosystem, Inc. waste disposal facilities.

2. The closed-loop system storage tanks will be adequately sized to ensure confinement of all fluids and will provide sufficient freeboard to prevent uncontrolled releases.

3. A 20-mil liner will be installed under tanks, pumps, ancillary facilities, and truck loading/unloading areas associated with the closed-loop system.

B. Drilling Fluids
1. A closed-loop system will be used. Drilling fluids will be stored onsite in above-ground storage tanks. Upon termination of drilling operations, the drilling fluids will be recycled and transferred to other permitted closed-loop systems or returned to the vendor for reuse, as practical. Residual fluids will be vacuumed from the storage tanks and disposed of at Basin Disposal, Inc. and/or Industrial Ecosystem, Inc. waste disposal facilities.

2. The closed-loop system storage tanks will be adequately sized to ensure confinement of all fluids and will provide sufficient freeboard to prevent uncontrolled releases.

3. The closed-loop system storage tanks will be placed in bermed secondary containment sized to accommodate a minimum of 110 percent of the volume of the largest storage tank.

4. A 20-mil liner will be installed under tanks, pumps, ancillary facilities, and truck loading/unloading areas associated with the closed-loop system.

C. Flowback Water
1. The water-based solution that flows back to the surface during and after completion operations will be placed in storage tanks on the location.

2. Flowback water will be confined to a storage tank for a period not to exceed 90 days after initial production and will be disposed of at Basin Disposal, Inc. and/or Industrial Ecosystem, Inc. waste disposal facilities.

D. Spills – any spills of non-freshwater fluids will be immediately cleaned up and removed to an approved disposal site.

E. Sewage – self-contained, chemical toilets will be provided for human waste disposal. The toilet holding tanks will be pumped, as needed, and the contents thereof disposed of in an approved sewage disposal facility. The toilets will be onsite during all operations.

F. Garbage and other waste material – garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash container during drilling and completion operations. The accumulated trash will be removed, as needed, and will be disposed of at an authorized sanitary landfill. No trash will be buried or burned on location.

G. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash container will be cleaned up and removed from the well location.

H. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing or completing of this well.

I. No extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

WELLHEAD BLOWOUT CONTROL SYSTEM

encana
natural gas

Well name and number:

Good Times D14-2410 01H