

RECEIVED

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 12 2012

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

SUNDRY NOTICES AND REPORTS ON ABANDONED WELL
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
SF-078860
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Escrito 124-2409 01H

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

9. API Well No.
30-045-35322

3a. Address
370 17th Street, Suite 1700
Denver, CO 80202

3b. Phone No. (include area code)
720-876-3437

10. Field and Pool or Exploratory Area
Bisti - Lower Gallup

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
SHL: 1935' FSL, 205' FEL Section 24, T24N, R9W
BHL: 1935' FSL, 330' FWL Section 24, T24N, R9W

11. Country or Parish, State
San Juan County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Encana Oil & Gas (USA) Inc. would like to revise the TD of the Escrito 124-2409 01H oil well by 58' from 9962'MD to 10,020'MD. Please note that this depth will remain outside the 330' FWL setback. Please see attached directional plan.

RCVD SEP 21 '12
OIL CONS. DIV.

DIST. 3

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

CONFIDENTIAL

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Amanda Cavoto

Title Engineering Technologist

Signature

Amanda Cavoto

Date 09/12/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy L. Salvors

Title Petroleum Engineer

Date 9/14/2012

Conditions of approval, if any, are attached. Approval of this notice 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.

Office FFO

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.

(Instructions on page 2)

NMOCD *AV*



Project: San Juan Co, NM
Site: S24-T24N-R9W (Escrito I24)
Well: Escrito I24-2409 01H
Wellbore: HZ
Design: Plan #3

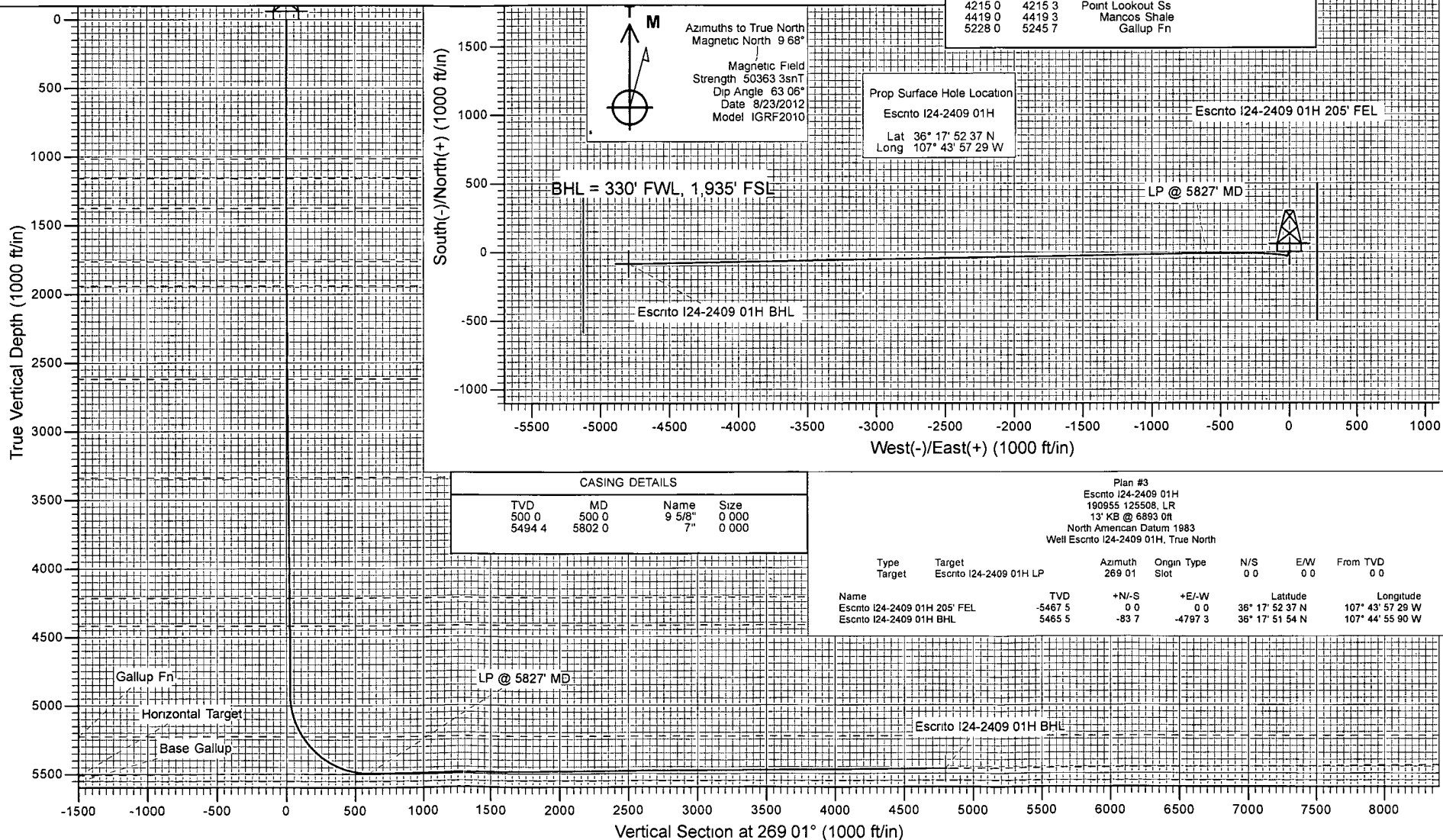


SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSecl	Target	Annotation
1	4871 7	0 53	197 54	4871 4	-36 8	-22 8	0 00	0 00	23 4		Tie On @ 4871' MD
2	4913 0	3 60	15 45	4912 6	-35 8	-22 5	10 00	178 18	23 1		Start 10° Build/Turn
3	5827 4	90 40	269 00	5494 8	-10 5	-600 0	10 00	-106 40	600 1		LP @ 5827' MD
4	10025 4	90 40	269 00	5465 5	-83 7	-4797 3	0 00	0 00	4798 0	Escrito I24-2409 01H BHL	PBHL @ 10025' MD

FORMATION TOP DETAILS

TVDPATH	MDPATH	Formation	DipAngle
1015 0	1015 0	Ojo Alamo Ss	
1159 0	1159 0	Kirtland Shale	
1377 0	1377 0	Fruitland Coal	
1764 0	1764 0	Pictured Cliffs Ss	
1942 0	1942 0	Lewis Shale	
2620 0	2620 0	Cliffhouse Ss	
3340 1	3340 1	Menefee Fn	
4215 0	4215 3	Point Lookout Ss	
4419 0	4419 3	Mancos Shale	
5228 0	5245 7	Gallup Fn	



CASING DETAILS

TVD	MD	Name	Size
500 0	500 0	9 5/8"	0 000
5494 4	5802 0	7"	0 000

Plan #3
Escrito I24-2409 01H
190955 125508, LR
13' KB @ 6893 0ft
North American Datum 1983
Well Escrito I24-2409 01H, True North

Type	Target	Azimuth	Origin	Type	N/S	E/W	From TVD
Target	Escrito I24-2409 01H LP	269 01	Slot		0 0	0 0	0 0
Name		TVD	+N/-S	+E/-W	Latitude	Longitude	
Escrito I24-2409 01H 205' FEL		-5467 5	0 0	0 0	36° 17' 52 37 N	107° 43' 57 29 W	
Escrito I24-2409 01H BHL		5465 5	-83 7	-4797 3	36° 17' 51 54 N	107° 44' 55 90 W	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Escrito I24-2409 01H
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	13' KB @ 6893 0ft
Project:	San Juan Co, NM	MD Reference:	13' KB @ 6893 0ft
Site:	S24-T24N-R9W (Escrito I24)	North Reference:	True
Well:	Escrito I24-2409 01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HZ		
Design:	Plan #3		

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		S24-T24N-R9W (Escrito I24)			
Site Position:		Northing:	1,927,747 31 ft	Latitude:	36° 17' 52 37 N
From:	Lat/Long	Easting:	2,752,786.26 ft	Longitude:	107° 43' 57 29 W
Position Uncertainty:	0 0 ft	Slot Radius:	13 200 in	Grid Convergence:	0 06 °

Well	Escrito I24-2409 01H					
Well Position	+N/-S	0 0 ft	Northing:	1,927,747 31 ft	Latitude:	36° 17' 52 37 N
	+E/-W	0 0 ft	Easting:	2,752,786 26 ft	Longitude:	107° 43' 57 29 W
Position Uncertainty		0 0 ft	Wellhead Elevation:	ft	Ground Level:	6,880.0 ft

Wellbore		HZ			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	8/23/2012	9 68	63 06	50,363

Design	Plan #3			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	4,871.7
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0 0	0 0	0 0	269 01

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
4,871.7	0 53	197.54	4,871 4	-36 8	-22 8	0 00	0 00	0.00	0 00	
4,913 0	3 60	15.45	4,912.6	-35 8	-22 5	10 00	7 43	430.70	178 18	
5,827 4	90.40	269.00	5,494 8	-10 5	-600 0	10.00	9 49	-11 64	-106 40	
10,025 4	90 40	269 00	5,465 5	-83.7	-4,797 3	0 00	0 00	0 00	0 00	Escrito I24-2409 01H

Cathedral Energy Services

Planning Report

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Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	13' KB @ 6893.0ft
Project:	San Juan Co, NM	MD Reference:	13' KB @ 6893.0ft
Site:	S24-T24N-R9W (Escrito I24)	North Reference:	True
Well:	Escrito I24-2409 01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HZ		
Design:	Plan #3		

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
4,871.7	0.53	197.54	4,871.4	-36.8	-22.8	23.4	0.00	0.00	
4,900.0	2.30	15.30	4,899.6	-36.4	-22.7	23.3	10.00	6.25	
4,913.0	3.60	15.45	4,912.6	-35.8	-22.5	23.1	10.00	10.00	
5,000.0	8.42	293.10	4,999.2	-30.6	-27.7	28.2	10.00	5.54	
5,100.0	18.00	279.73	5,096.5	-25.1	-49.7	50.1	10.00	9.59	
5,200.0	27.87	275.58	5,188.5	-20.2	-88.3	88.6	10.00	9.87	
5,300.0	37.81	273.49	5,272.4	-16.1	-142.3	142.5	10.00	9.93	
5,400.0	47.77	272.16	5,345.7	-12.8	-210.0	210.2	10.00	9.96	
5,500.0	57.74	271.21	5,406.2	-10.5	-289.5	289.6	10.00	9.97	
5,600.0	67.71	270.44	5,451.9	-9.3	-378.3	378.4	10.00	9.98	
5,700.0	77.69	269.78	5,481.6	-9.1	-473.6	473.7	10.00	9.98	
5,800.0	87.67	269.16	5,494.3	-10.0	-572.7	572.8	10.00	9.98	
5,827.4	90.40	269.00	5,494.8	-10.5	-600.0	600.1	10.00	9.98	
5,900.0	90.40	269.00	5,494.3	-11.7	-672.6	672.7	0.00	0.00	
6,000.0	90.40	269.00	5,493.6	-13.5	-772.6	772.7	0.00	0.00	
6,100.0	90.40	269.00	5,492.9	-15.2	-872.6	872.7	0.00	0.00	
6,200.0	90.40	269.00	5,492.2	-17.0	-972.6	972.7	0.00	0.00	
6,300.0	90.40	269.00	5,491.5	-18.7	-1,072.6	1,072.7	0.00	0.00	
6,400.0	90.40	269.00	5,490.8	-20.5	-1,172.6	1,172.7	0.00	0.00	
6,500.0	90.40	269.00	5,490.1	-22.2	-1,272.5	1,272.7	0.00	0.00	
6,600.0	90.40	269.00	5,489.4	-24.0	-1,372.5	1,372.7	0.00	0.00	
6,700.0	90.40	269.00	5,488.7	-25.7	-1,472.5	1,472.7	0.00	0.00	
6,800.0	90.40	269.00	5,488.0	-27.4	-1,572.5	1,572.7	0.00	0.00	
6,900.0	90.40	269.00	5,487.3	-29.2	-1,672.5	1,672.7	0.00	0.00	
7,000.0	90.40	269.00	5,486.6	-30.9	-1,772.4	1,772.7	0.00	0.00	
7,100.0	90.40	269.00	5,485.9	-32.7	-1,872.4	1,872.7	0.00	0.00	
7,200.0	90.40	269.00	5,485.2	-34.4	-1,972.4	1,972.7	0.00	0.00	
7,300.0	90.40	269.00	5,484.5	-36.2	-2,072.4	2,072.7	0.00	0.00	
7,400.0	90.40	269.00	5,483.8	-37.9	-2,172.4	2,172.7	0.00	0.00	
7,500.0	90.40	269.00	5,483.1	-39.7	-2,272.4	2,272.7	0.00	0.00	
7,600.0	90.40	269.00	5,482.4	-41.4	-2,372.3	2,372.7	0.00	0.00	
7,700.0	90.40	269.00	5,481.7	-43.2	-2,472.3	2,472.7	0.00	0.00	
7,800.0	90.40	269.00	5,481.0	-44.9	-2,572.3	2,572.7	0.00	0.00	
7,900.0	90.40	269.00	5,480.3	-46.6	-2,672.3	2,672.7	0.00	0.00	
8,000.0	90.40	269.00	5,479.6	-48.4	-2,772.3	2,772.7	0.00	0.00	
8,100.0	90.40	269.00	5,478.9	-50.1	-2,872.3	2,872.7	0.00	0.00	
8,200.0	90.40	269.00	5,478.2	-51.9	-2,972.2	2,972.7	0.00	0.00	
8,300.0	90.40	269.00	5,477.5	-53.6	-3,072.2	3,072.7	0.00	0.00	
8,400.0	90.40	269.00	5,476.8	-55.4	-3,172.2	3,172.7	0.00	0.00	
8,500.0	90.40	269.00	5,476.1	-57.1	-3,272.2	3,272.7	0.00	0.00	
8,600.0	90.40	269.00	5,475.5	-58.9	-3,372.2	3,372.7	0.00	0.00	
8,700.0	90.40	269.00	5,474.8	-60.6	-3,472.1	3,472.7	0.00	0.00	
8,800.0	90.40	269.00	5,474.1	-62.4	-3,572.1	3,572.7	0.00	0.00	
8,900.0	90.40	269.00	5,473.4	-64.1	-3,672.1	3,672.7	0.00	0.00	
9,000.0	90.40	269.00	5,472.7	-65.8	-3,772.1	3,772.7	0.00	0.00	
9,100.0	90.40	269.00	5,472.0	-67.6	-3,872.1	3,872.7	0.00	0.00	
9,200.0	90.40	269.00	5,471.3	-69.3	-3,972.1	3,972.7	0.00	0.00	
9,300.0	90.40	269.00	5,470.6	-71.1	-4,072.0	4,072.7	0.00	0.00	
9,400.0	90.40	269.00	5,469.9	-72.8	-4,172.0	4,172.7	0.00	0.00	
9,500.0	90.40	269.00	5,469.2	-74.6	-4,272.0	4,272.7	0.00	0.00	
9,600.0	90.40	269.00	5,468.5	-76.3	-4,372.0	4,372.7	0.00	0.00	
9,700.0	90.40	269.00	5,467.8	-78.1	-4,472.0	4,472.6	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Escrito I24-2409 01H
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	13' KB @ 6893.0ft
Project:	San Juan Co, NM	MD Reference:	13' KB @ 6893.0ft
Site:	S24-T24N-R9W (Escrito I24)	North Reference:	True
Well:	Escrito I24-2409 01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HZ		
Design:	Plan #3		

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
9,800.0	90.40	269.00	5,467.1	-79.8	-4,572.0	4,572.6	0.00	0.00	
9,900.0	90.40	269.00	5,466.4	-81.5	-4,671.9	4,672.6	0.00	0.00	
10,000.0	90.40	269.00	5,465.7	-83.3	-4,771.9	4,772.6	0.00	0.00	
10,025.4	90.40	269.00	5,465.5	-83.7	-4,797.3	4,798.0	0.00	0.00	

Targets									
Target Name	- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	
Escrito I24-2409 01H 20	- plan misses target center by 10338 9ft at 4871 7ft MD (4871 4 TVD, -36 8 N, -22.8 E)	0.00	0.00	-5,467.5	0.0	0.0	1,927,747.31	2,752,786.26	36° 17' 52.37 N 107° 43' 57.29 W
- Polygon									
Point 1				-5,467.5	500.0	205.0	1,928,247.52	2,752,990.74	
Point 2				-5,467.5	-500.0	205.0	1,927,247.52	2,752,991.78	
Escrito I24-2409 01H B1	- plan hits target center	0.00	0.00	5,465.5	-83.7	-4,797.3	1,927,658.58	2,747,989.08	36° 17' 51.54 N 107° 44' 55.90 W
- Polygon									
Point 1				5,465.5	500.0	-330.0	1,928,158.23	2,747,658.56	
Point 2				5,465.5	-500.0	-330.0	1,927,158.23	2,747,659.60	

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
5,802.0	5,494.4	7"	0.000	0.000

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,015.0	1,015.0	Ojo Alamo Ss.			
1,159.0	1,159.0	Kirtland Shale			
1,377.0	1,377.0	Fruitland Coal			
1,764.0	1,764.0	Pictured Cliffs Ss			
1,942.0	1,942.0	Lewis Shale			
2,620.0	2,620.0	Cliffhouse Ss.			
3,340.1	3,340.0	Menefee Fn			
4,215.3	4,215.0	Point Lookout Ss			
4,419.3	4,419.0	Mancos Shale			
5,245.7	5,228.0	Gallup Fn.			

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Escrito I24-2409 01H
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	13' KB @ 6893.0ft
Project:	San Juan Co, NM	MD Reference:	13' KB @ 6893.0ft
Site:	S24-T24N-R9W (Escrito I24)	North Reference:	True
Well:	Escrito I24-2409 01H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HZ		
Design:	Plan #3		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
4,871.7	4,871.4	-36.8	-22.8	Tie On @ 4871' MD
4,913.0	4,912.6	-35.8	-22.5	Start 10° Build/Turn
5,827.4	5,494.8	-10.5	-600.0	LP @ 5827' MD
10,025.4	5,465.5	-83.7	-4,797.3	PBHL @ 10025' MD