FORM 4 Rev 12/05 Page 1

02577008

DE ET OE ES

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

RECEIVED
FEB 24 2010
COGCC/Rifle Office

SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 100185
2. Name Of Operator: EnCana Oil & Gas (USA) Inc.
3. Address: 370 17th Street, Suite 1700
City: Denver State: CO Zip: 80202
4. Contact Name: MIRACLE PFISTER
Phone: 720-876-3761
Fax: 720-876-6060

Complete the Attachment Checklist

	OP	OGCC
Survey Plat		
Directional Survey		
Surface Eqpmt Diagram		
Technical Info Page		
Other		

5. API Number: 05045183560000
OGCC Facility ID Number: 27-9A (L26NW)
6. Well/Facility Name: GMU 27-9A (L26NW)
7. Well/Facility Number: 27-9A (L26NW)
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW Sec 27 T6S - R93W 6th PM
9. County: GARFIELD
10. Field Name: Mamm Creek
11. Federal, Indian or State Lease Number: COC056608E

General Notice

CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

FNL/FSL FEL/FWL

Change of **Surface** Footage **from** Exterior Section Lines:

Change of **Surface** Footage **to** Exterior Section Lines:

Change of **Bottomhole** Footage **from** Exterior Section Lines:

Change of **Bottomhole** Footage **to** Exterior Section Lines: **attach directional survey**

Bottom hole location Qtr/Qtr, Sec, Twp, Rng, Mer

Latitude | Distance to nearest property line | Distance to nearest bldg, public rd, utility or RR

Longitude | Distance to nearest lease line | Is location in a High Density Area (Rule 603b)? Yes/No

Ground Elevation | Distance to nearest well same formation | Surface owner consultation date:

GPS DATA:

Date of Measurement | PDOP Reading | Instrument Operator's Name

CHANGE SPACING UNIT

Formation | Formation Code | Spacing order number | Unit Acreage | Unit configuration

Remove from surface bond

Signed surface use agreement attached

CHANGE OF OPERATOR (prior to drilling):

Effective Date:

Plugging Bond: Blanket Individual

CHANGE WELL NAME

From:

To:

Effective Date:

NUMBER

ABANDONED LOCATION:

Was location ever built? Yes No

Is site ready for Inspection? Yes No

Date Ready for Inspection:

NOTICE OF CONTINUED SHUT IN STATUS

Date well shut in or temporarily abandoned:

Has Production Equipment been removed from site? Yes No

MIT required if shut in longer than two years. Date of Last MIT

SPUD DATE:

REQUEST FOR CONFIDENTIAL STATUS: (6 mos from date casing set)

SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK *submit cbl and cement job summaries

Method used | Cementing tool setting/perf depth | Cement volume | Cement top | Cement bottom | Date

RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.

Final reclamation will commence on approximately

Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

X Notice of Intent

Approximate Start Date: 03/01/2010

Report of Work Done

Date Work Completed:

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

Intent To Recomplete (submit form 2)
X Change Drilling Plans
Gross Interval Changed?
Casing/Cementing Program Change

Request to Vent or Flare
Repair Well
Rule 502 variance requested
Other:

E&P Waste Disposal
Beneficial Reuse of E&P Waste
Status Update/Change of Remediation Plans for spills and Releases

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Miracle Pfister Date: 01/07/2010 Email: miracle.pfister@encana.com

Print Name: MIRACLE PFISTER Title: REGULATORY ANALYST

COGCC Approved: Kevin J. Kuhn Title: EIT III Date: FEB 25 2010

CONDITIONS OF APPROVAL, IF ANY:

FORM 4 Rev 12/05 Page 2

TECHNICAL INFORMATION PAGE

FOR OGCC USE ONLY

RECEIVED
FEB 24 2010
COGCC/Rifle Office

1. OGCC Operator Number: 100185 API Number: 05045183560000
2. Name of Operator: EnCana Oil & Gas (USA) Inc. OGCC Facility ID # 27-9A (L26NW)
3. Well/Facility Name: GMU 27-9A (L26NW) Well/Facility Number: 27-9A (L26NW)
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW Sec 26 T6S - R93W 6th PM

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

EnCana Oil & Gas (USA) Inc requests approval to make the following drilling plan changes for the above referenced well:

Deepen the Total Depth from 8876' MD to 10085' MD & 10049' TVD. This would change the surface casing depth to 1255' using 337 sx cement and the production casing depth to 10085' using 1399 sks cement.

A revised directional plan is attached.

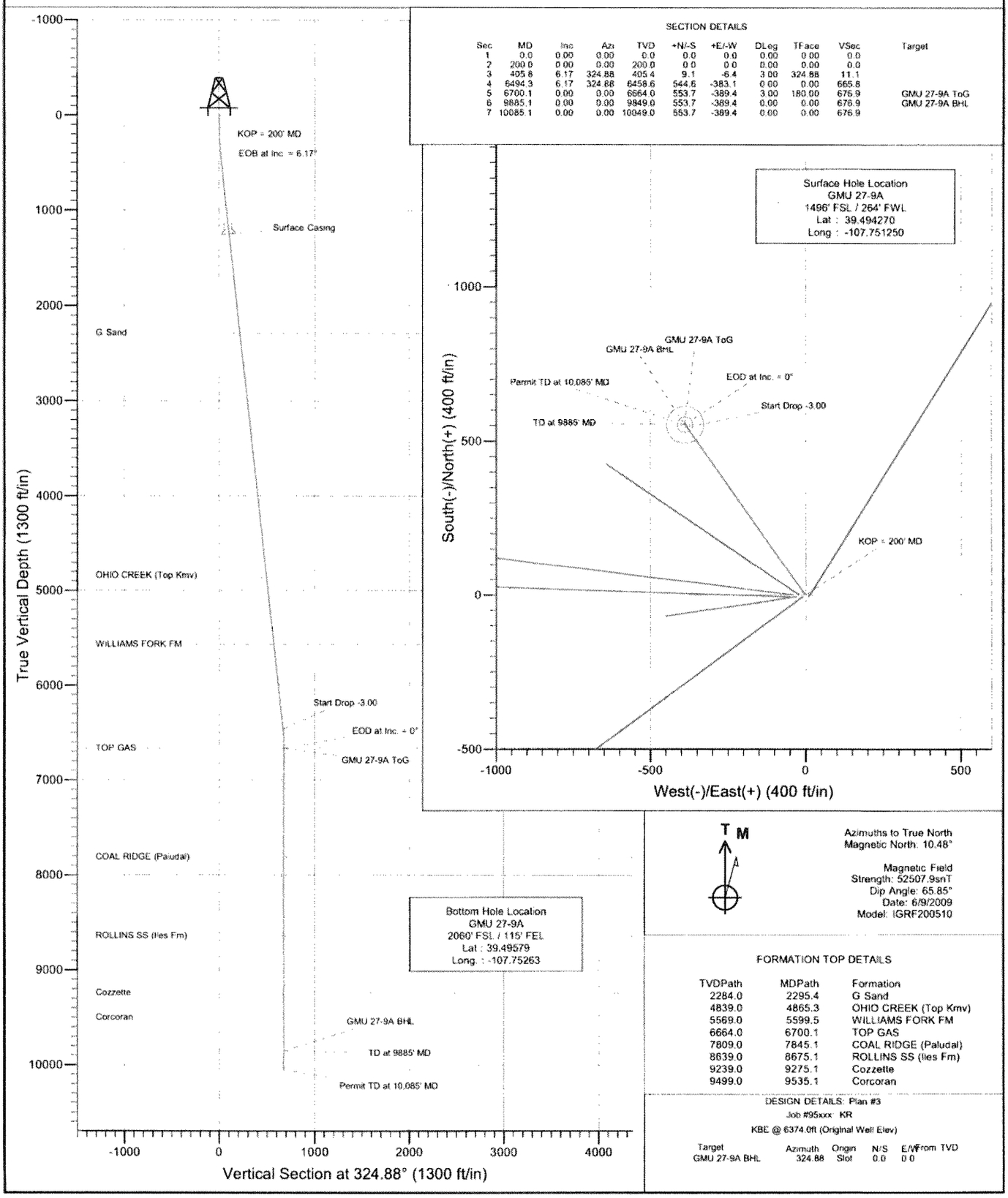
ENCANA

Project: Mamm Creek
Site: L26NW Pad (NWSW S26-T6S-R93W)
Well: GMU 27-9A
Wellbore: DD
Design: Plan #3

CATHEDRAL

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	405.8	6.17	324.88	405.4	9.1	-6.4	3.00	324.88	11.1	
4	6494.3	6.17	324.88	6458.6	544.6	-383.1	0.00	0.00	665.8	
5	6700.1	0.00	0.00	6664.0	553.7	-389.4	3.00	180.00	676.9	GMU 27-9A ToG
6	9885.1	0.00	0.00	9849.0	553.7	-389.4	0.00	0.00	676.9	GMU 27-9A BHL
7	10085.1	0.00	0.00	10049.0	553.7	-389.4	0.00	0.00	676.9	



T M

Azimuths to True North
Magnetic North: 10.48°

Magnetic Field
Strength: 52507.9snT
Dip Angle: 65.85°
Date: 6/9/2009
Model: IGRF200510

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2284.0	2295.4	G Sand
4839.0	4865.3	OHIO CREEK (Top Kmv)
5569.0	5599.5	WILLIAMS FORK FM
6664.0	6700.1	TOP GAS
7809.0	7845.1	COAL RIDGE (Paludal)
8639.0	8675.1	ROLLINS SS (lies Fm)
9239.0	9275.1	Cozzette
9499.0	9535.1	Corcoran

DESIGN DETAILS: Plan #3
Job #95xxx: KR
KBE @ 6374.0ft (Original Well Elev)

Target	Azimuth	Origin	N/S	E/W	From TVD
GMU 27-9A BHL	324.88	Slot	0.0	0.0	

Planning Report

Database:	US EDM 2003.21 Multi User Db	**Local Co-ordinate Reference:**	Well GMU 27-9A
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	KBE @ 6374.0ft (Original Well Elev)
Project:	Mamm Creek	**MD Reference:**	KBE @ 6374.0ft (Original Well Elev)
Site:	L26NW Pad (NWSW S26-T6S-R93W)	**North Reference:**	True
Well:	GMU 27-9A	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
Design:	Plan #3		

Project	Mamm Creek		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site L26NW Pad (NWSW S26-T6S-R93W)

Site Position:		**Northing:**	1,612,792.39 ft	**Latitude:**	39.494270
From:	Lat/Long	**Easting:**	2,364,710.83 ft	**Longitude:**	-107.751390
Position Uncertainty:	0.0 ft	**Slot Radius:**	in	**Grid Convergence:**	-1.42 °

Well GMU 27-9A

Well Position	**+N/-S**	0.0 ft	**Northing:**	1,612,791.38 ft	**Latitude:**	39.494270
	+E/-W	0.0 ft	**Easting:**	2,364,750.33 ft	**Longitude:**	-107.751250
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,352.0 ft

Wellbore DD

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	9/14/2009	10.45	65.84	52,482

Design Plan #3

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	324.88

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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
405.8	6.17	324.88	405.4	9.1	-6.4	3.00	3.00	0.00	324.88	
6,494.3	6.17	324.88	6,458.6	544.6	-383.1	0.00	0.00	0.00	0.00	
6,700.1	0.00	0.00	6,664.0	553.7	-389.4	3.00	-3.00	0.00	180.00	GMU 27-9A ToG
9,885.1	0.00	0.00	9,849.0	553.7	-389.4	0.00	0.00	0.00	0.00	GMU 27-9A BHL
10,085.1	0.00	0.00	10,049.0	553.7	-389.4	0.00	0.00	0.00	0.00	

Database:	US EDM 2003.21 Multi User Db	**Local Co-ordinate Reference:**	Well GMU 27-9A
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	KBE @ 6374.0ft (Original Well Elev)
Project:	Mamm Creek	**MD Reference:**	KBE @ 6374.0ft (Original Well Elev)
Site:	L26NW Pad (NWSW S26-T6S-R93W)	**North Reference:**	True
Well:	GMU 27-9A	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
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
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	KOP = 200' MD
300.0	3.00	324.88	300.0	2.1	-1.5	2.6	3.00	3.00	
400.0	6.00	324.88	399.6	8.6	-6.0	10.5	3.00	3.00	
405.8	6.17	324.88	405.4	9.1	-6.4	11.1	3.00	3.00	EOB at Inc. = 6.17°
500.0	6.17	324.88	499.1	17.3	-12.2	21.2	0.00	0.00	
600.0	6.17	324.88	598.5	26.1	-18.4	32.0	0.00	0.00	
700.0	6.17	324.88	697.9	34.9	-24.6	42.7	0.00	0.00	
800.0	6.17	324.88	797.3	43.7	-30.8	53.5	0.00	0.00	
900.0	6.17	324.88	896.7	52.5	-36.9	64.2	0.00	0.00	
1,000.0	6.17	324.88	996.2	61.3	-43.1	75.0	0.00	0.00	
1,100.0	6.17	324.88	1,095.6	70.1	-49.3	85.7	0.00	0.00	
1,200.0	6.17	324.88	1,195.0	78.9	-55.5	96.5	0.00	0.00	
1,255.3	6.17	324.88	1,250.0	83.8	-58.9	102.4	0.00	0.00	Surface Casing
1,300.0	6.17	324.88	1,294.4	87.7	-61.7	107.2	0.00	0.00	
1,400.0	6.17	324.88	1,393.8	96.5	-67.9	118.0	0.00	0.00	
1,500.0	6.17	324.88	1,493.3	105.3	-74.1	128.7	0.00	0.00	
1,600.0	6.17	324.88	1,592.7	114.1	-80.3	139.5	0.00	0.00	
1,700.0	6.17	324.88	1,692.1	122.9	-86.4	150.3	0.00	0.00	
1,800.0	6.17	324.88	1,791.5	131.7	-92.6	161.0	0.00	0.00	
1,900.0	6.17	324.88	1,890.9	140.5	-98.8	171.8	0.00	0.00	
2,000.0	6.17	324.88	1,990.4	149.3	-105.0	182.5	0.00	0.00	
2,100.0	6.17	324.88	2,089.8	158.1	-111.2	193.3	0.00	0.00	
2,200.0	6.17	324.88	2,189.2	166.9	-117.4	204.0	0.00	0.00	
2,295.4	6.17	324.88	2,284.0	175.3	-123.3	214.3	0.00	0.00	G Sand
2,300.0	6.17	324.88	2,288.6	175.7	-123.6	214.8	0.00	0.00	
2,400.0	6.17	324.88	2,388.0	184.5	-129.8	225.5	0.00	0.00	
2,500.0	6.17	324.88	2,487.5	193.3	-135.9	236.3	0.00	0.00	
2,600.0	6.17	324.88	2,586.9	202.1	-142.1	247.0	0.00	0.00	
2,700.0	6.17	324.88	2,686.3	210.9	-148.3	257.8	0.00	0.00	
2,800.0	6.17	324.88	2,785.7	219.7	-154.5	268.6	0.00	0.00	
2,900.0	6.17	324.88	2,885.1	228.5	-160.7	279.3	0.00	0.00	
3,000.0	6.17	324.88	2,984.6	237.3	-166.9	290.1	0.00	0.00	
3,100.0	6.17	324.88	3,084.0	246.0	-173.1	300.8	0.00	0.00	
3,200.0	6.17	324.88	3,183.4	254.8	-179.2	311.6	0.00	0.00	
3,300.0	6.17	324.88	3,282.8	263.6	-185.4	322.3	0.00	0.00	
3,400.0	6.17	324.88	3,382.2	272.4	-191.6	333.1	0.00	0.00	
3,500.0	6.17	324.88	3,481.7	281.2	-197.8	343.8	0.00	0.00	
3,600.0	6.17	324.88	3,581.1	290.0	-204.0	354.6	0.00	0.00	
3,700.0	6.17	324.88	3,680.5	298.8	-210.2	365.3	0.00	0.00	
3,800.0	6.17	324.88	3,779.9	307.6	-216.4	376.1	0.00	0.00	
3,900.0	6.17	324.88	3,879.3	316.4	-222.6	386.8	0.00	0.00	
4,000.0	6.17	324.88	3,978.8	325.2	-228.7	397.6	0.00	0.00	
4,100.0	6.17	324.88	4,078.2	334.0	-234.9	408.4	0.00	0.00	
4,200.0	6.17	324.88	4,177.6	342.8	-241.1	419.1	0.00	0.00	
4,300.0	6.17	324.88	4,277.0	351.6	-247.3	429.9	0.00	0.00	
4,400.0	6.17	324.88	4,376.4	360.4	-253.5	440.6	0.00	0.00	
4,500.0	6.17	324.88	4,475.9	369.2	-259.7	451.4	0.00	0.00	
4,600.0	6.17	324.88	4,575.3	378.0	-265.9	462.1	0.00	0.00	
4,700.0	6.17	324.88	4,674.7	386.8	-272.1	472.9	0.00	0.00	
4,800.0	6.17	324.88	4,774.1	395.6	-278.2	483.6	0.00	0.00	

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Project:	Mamm Creek	**MD Reference:**	KBE @ 6374.0ft (Original Well Elev)
Site:	L26NW Pad (NWSW S26-T6S-R93W)	**North Reference:**	True
Well:	GMU 27-9A	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
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
4,865.3	6.17	324.88	4,839.0	401.3	-282.3	490.7	0.00	0.00	OHIO CREEK (Top Kmv)
4,900.0	6.17	324.88	4,873.5	404.4	-284.4	494.4	0.00	0.00	
5,000.0	6.17	324.88	4,973.0	413.2	-290.6	505.1	0.00	0.00	
5,100.0	6.17	324.88	5,072.4	422.0	-296.8	515.9	0.00	0.00	
5,200.0	6.17	324.88	5,171.8	430.8	-303.0	526.7	0.00	0.00	
5,300.0	6.17	324.88	5,271.2	439.6	-309.2	537.4	0.00	0.00	
5,400.0	6.17	324.88	5,370.6	448.4	-315.4	548.2	0.00	0.00	
5,500.0	6.17	324.88	5,470.1	457.2	-321.5	558.9	0.00	0.00	
5,599.5	6.17	324.88	5,569.0	465.9	-327.7	569.6	0.00	0.00	WILLIAMS FORK FM
5,600.0	6.17	324.88	5,569.5	466.0	-327.7	569.7	0.00	0.00	
5,700.0	6.17	324.88	5,668.9	474.7	-333.9	580.4	0.00	0.00	
5,800.0	6.17	324.88	5,768.3	483.5	-340.1	591.2	0.00	0.00	
5,900.0	6.17	324.88	5,867.7	492.3	-346.3	601.9	0.00	0.00	
6,000.0	6.17	324.88	5,967.2	501.1	-352.5	612.7	0.00	0.00	
6,100.0	6.17	324.88	6,066.6	509.9	-358.7	623.4	0.00	0.00	
6,200.0	6.17	324.88	6,166.0	518.7	-364.9	634.2	0.00	0.00	
6,300.0	6.17	324.88	6,265.4	527.5	-371.0	644.9	0.00	0.00	
6,400.0	6.17	324.88	6,364.8	536.3	-377.2	655.7	0.00	0.00	
6,494.3	6.17	324.88	6,458.6	544.6	-383.1	665.8	0.00	0.00	Start Drop -3.00
6,500.0	6.00	324.88	6,464.3	545.1	-383.4	666.4	3.00	-3.00	
6,600.0	3.00	324.88	6,563.9	551.5	-387.9	674.3	3.00	-3.00	
6,700.0	0.00	324.88	6,663.9	553.7	-389.4	676.9	3.00	-3.00	
6,700.1	0.00	0.00	6,664.0	553.7	-389.4	676.9	3.00	-3.00	EOD at Inc. = 0° - TOP GAS - GMU 27-9A ToG
6,800.0	0.00	0.00	6,763.9	553.7	-389.4	676.9	0.00	0.00	
6,900.0	0.00	0.00	6,863.9	553.7	-389.4	676.9	0.00	0.00	
7,000.0	0.00	0.00	6,963.9	553.7	-389.4	676.9	0.00	0.00	
7,100.0	0.00	0.00	7,063.9	553.7	-389.4	676.9	0.00	0.00	
7,200.0	0.00	0.00	7,163.9	553.7	-389.4	676.9	0.00	0.00	
7,300.0	0.00	0.00	7,263.9	553.7	-389.4	676.9	0.00	0.00	
7,400.0	0.00	0.00	7,363.9	553.7	-389.4	676.9	0.00	0.00	
7,500.0	0.00	0.00	7,463.9	553.7	-389.4	676.9	0.00	0.00	
7,600.0	0.00	0.00	7,563.9	553.7	-389.4	676.9	0.00	0.00	
7,700.0	0.00	0.00	7,663.9	553.7	-389.4	676.9	0.00	0.00	
7,800.0	0.00	0.00	7,763.9	553.7	-389.4	676.9	0.00	0.00	
7,845.1	0.00	0.00	7,809.0	553.7	-389.4	676.9	0.00	0.00	COAL RIDGE (Paludal)
7,900.0	0.00	0.00	7,863.9	553.7	-389.4	676.9	0.00	0.00	
8,000.0	0.00	0.00	7,963.9	553.7	-389.4	676.9	0.00	0.00	
8,100.0	0.00	0.00	8,063.9	553.7	-389.4	676.9	0.00	0.00	
8,200.0	0.00	0.00	8,163.9	553.7	-389.4	676.9	0.00	0.00	
8,300.0	0.00	0.00	8,263.9	553.7	-389.4	676.9	0.00	0.00	
8,400.0	0.00	0.00	8,363.9	553.7	-389.4	676.9	0.00	0.00	
8,500.0	0.00	0.00	8,463.9	553.7	-389.4	676.9	0.00	0.00	
8,600.0	0.00	0.00	8,563.9	553.7	-389.4	676.9	0.00	0.00	
8,675.1	0.00	0.00	8,639.0	553.7	-389.4	676.9	0.00	0.00	ROLLINS SS (Iles Fm)
8,700.0	0.00	0.00	8,663.9	553.7	-389.4	676.9	0.00	0.00	
8,800.0	0.00	0.00	8,763.9	553.7	-389.4	676.9	0.00	0.00	
8,900.0	0.00	0.00	8,863.9	553.7	-389.4	676.9	0.00	0.00	
9,000.0	0.00	0.00	8,963.9	553.7	-389.4	676.9	0.00	0.00	
9,100.0	0.00	0.00	9,063.9	553.7	-389.4	676.9	0.00	0.00	
9,200.0	0.00	0.00	9,163.9	553.7	-389.4	676.9	0.00	0.00	
9,275.1	0.00	0.00	9,239.0	553.7	-389.4	676.9	0.00	0.00	Cozzette
9,300.0	0.00	0.00	9,263.9	553.7	-389.4	676.9	0.00	0.00	

Database:	US EDM 2003.21 Multi User Db	**Local Co-ordinate Reference:**	Well GMU 27-9A
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	KBE @ 6374.0ft (Original Well Elev)
Project:	Mamm Creek	**MD Reference:**	KBE @ 6374.0ft (Original Well Elev)
Site:	L26NW Pad (NWSW S26-T6S-R93W)	**North Reference:**	True
Well:	GMU 27-9A	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
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
9,400.0	0.00	0.00	9,363.9	553.7	-389.4	676.9	0.00	0.00	
9,500.0	0.00	0.00	9,463.9	553.7	-389.4	676.9	0.00	0.00	
9,535.1	0.00	0.00	9,499.0	553.7	-389.4	676.9	0.00	0.00	Corcoran
9,600.0	0.00	0.00	9,563.9	553.7	-389.4	676.9	0.00	0.00	
9,700.0	0.00	0.00	9,663.9	553.7	-389.4	676.9	0.00	0.00	
9,800.0	0.00	0.00	9,763.9	553.7	-389.4	676.9	0.00	0.00	
9,885.1	0.00	0.00	9,849.0	553.7	-389.4	676.9	0.00	0.00	TD at 9885' MD - GMU 27-9A BHL
9,900.0	0.00	0.00	9,863.9	553.7	-389.4	676.9	0.00	0.00	
10,000.0	0.00	0.00	9,963.9	553.7	-389.4	676.9	0.00	0.00	
10,085.1	0.00	0.00	10,049.0	553.7	-389.4	676.9	0.00	0.00	Permit TD at 10,085' MD

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
GMU 27-9A ToG - plan hits target center - Circle (radius 25.0)	0.00	0.00	6,664.0	553.7	-389.4	1,613,354.54	2,364,374.73	39.495790	-107.752630
GMU 27-9A BHL - plan hits target center - Circle (radius 60.0)	0.00	0.00	9,849.0	553.7	-389.4	1,613,354.54	2,364,374.73	39.495790	-107.752630

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
1,255.3	1,250.0	Surface Casing		

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,295.4	2,284.0	G Sand			
4,865.3	4,839.0	OHIO CREEK (Top Kmv)			
5,599.5	5,569.0	WILLIAMS FORK FM			
6,700.1	6,664.0	TOP GAS			
7,845.1	7,809.0	COAL RIDGE (Paludal)			
8,675.1	8,639.0	ROLLINS SS (Iles Fm)			
9,275.1	9,239.0	Cozzette		0.00	
9,535.1	9,499.0	Corcoran		0.00	

Database:	US EDM 2003.21 Multi User Db	**Local Co-ordinate Reference:**	Well GMU 27-9A
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	KBE @ 6374.0ft (Original Well Elev)
Project:	Mamm Creek	**MD Reference:**	KBE @ 6374.0ft (Original Well Elev)
Site:	L26NW Pad (NWSW S26-T6S-R93W)	**North Reference:**	True
Well:	GMU 27-9A	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	DD		
Design:	Plan #3		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment
200.0	200.0	0.0	0.0	KOP = 200' MD
405.8	405.4	9.1	-6.4	EOB at Inc. = 6.17°
6,494.3	6,458.6	544.6	-383.1	Start Drop -3.00
6,700.1	6,664.0	553.7	-389.4	EOD at Inc. = 0°
9,885.1	9,849.0	553.7	-389.4	TD at 9885' MD
10,085.1	10,049.0	553.7	-389.4	Permit TD at 10,085' MD