

State of Colorado
Oil and Gas Conservation Commission

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

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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
5. API Number: 05045183610000
6. Well/Facility Name: GMU Fee 27-16A (L26NW)
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NWSW Sec 27 T6S - R93W 6th PM
9. County: GARFIELD
11. Federal, Indian or State Lease Number: COC056608E

4. Contact Name:
MIRACLE PFISTER
Phone: 720-876-3761
Fax: 720-876-6060

Complete the Attachment
Checklist

OP OGCC

Survey Plat	
Directional Survey	X
Surface Equipmt Diagram	
Technical Info Page	X
Other	

General Notice

(a change of surface qtr/qtr is substantive and requires a new permit)
FNL/FSL

CHANGE OF LOCATION: Attach New Survey Plat

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:
Bottom hole location Qtr/Qtr, Sec, Twp, Rng, Mer
Latitude Distance to nearest property line
Longitude Distance to nearest lease line
Ground Elevation Distance to nearest well same formation

attach directional survey

Distance to nearest bldg, public rd, utility or RR
Is location in a High Density Area (Rule 603b)? Yes/No
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
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☐ Remove from surface bond
Signed surface use agreement attached

CHANGE OF OPERATOR (prior to drilling):

Effective Date	Plugging Bond	Blanket	Individual	From	To	Effective Date
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CHANGE WELL NAME

NUMBER

ABANDONED LOCATION:

Was location ever built?	Yes	No	Date well shut in or temporarily abandoned:
Is site ready for inspection?	Yes	No	Has Production Equipment been removed from site? Yes No
Date Ready for inspection:			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
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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

☒ Notice of Intent

Report of Work Done

Approximate Start Date: 03/01/2010

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)

Request to Vent or Flare

☐ E&P Waste Disposal

Repair Well

☐ Beneficial Reuse of E&P Waste☒ Change Drilling Plans

Rule 502 variance requested

☐ Status Update/Change of Remediation Plans

Gross Interval Changed?

Other:

for spills and Releases

Casing/Cementing Program Change

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

Signed:

Date: 11/25/2009

Email: miracle_pfister@cencana.com

Print Name: MIRACLE PFISTER

Title: REGULATORY ANALYST

OGCC Approved:

Title:

EIT III

FEB 25 2010

CONDITIONS OF APPROVAL, IF ANY:

FEB 25 2010

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FEB 24 2010

COGCC/Rifle Office

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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FEB 24 2010
COGCC/Rifle Office

- 1. OGCC Operator Number: 100185 API Number: 05045183610000
- 2. Name of Operator: EnCana Oil & Gas (USA) Inc. OGCC Facility ID #: 27-16A (L26NW)
- 3. Well/Facility Name: GMU Fee 27-16A (L26NW) Well/Facility Number: 27-16A (L26NW)
- 4. Location (Qtr, Sec, Twp, Rng, Meridian): N43W 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 change the drilling plans as listed below for the above referenced well:

Deepen the Total Depth from 8930 MD to 10140 MD & 10049 TVD. This will deepen the surface casing to 1262' using 339 sx cement and the production casing to 10140' using 1051 sx cement.

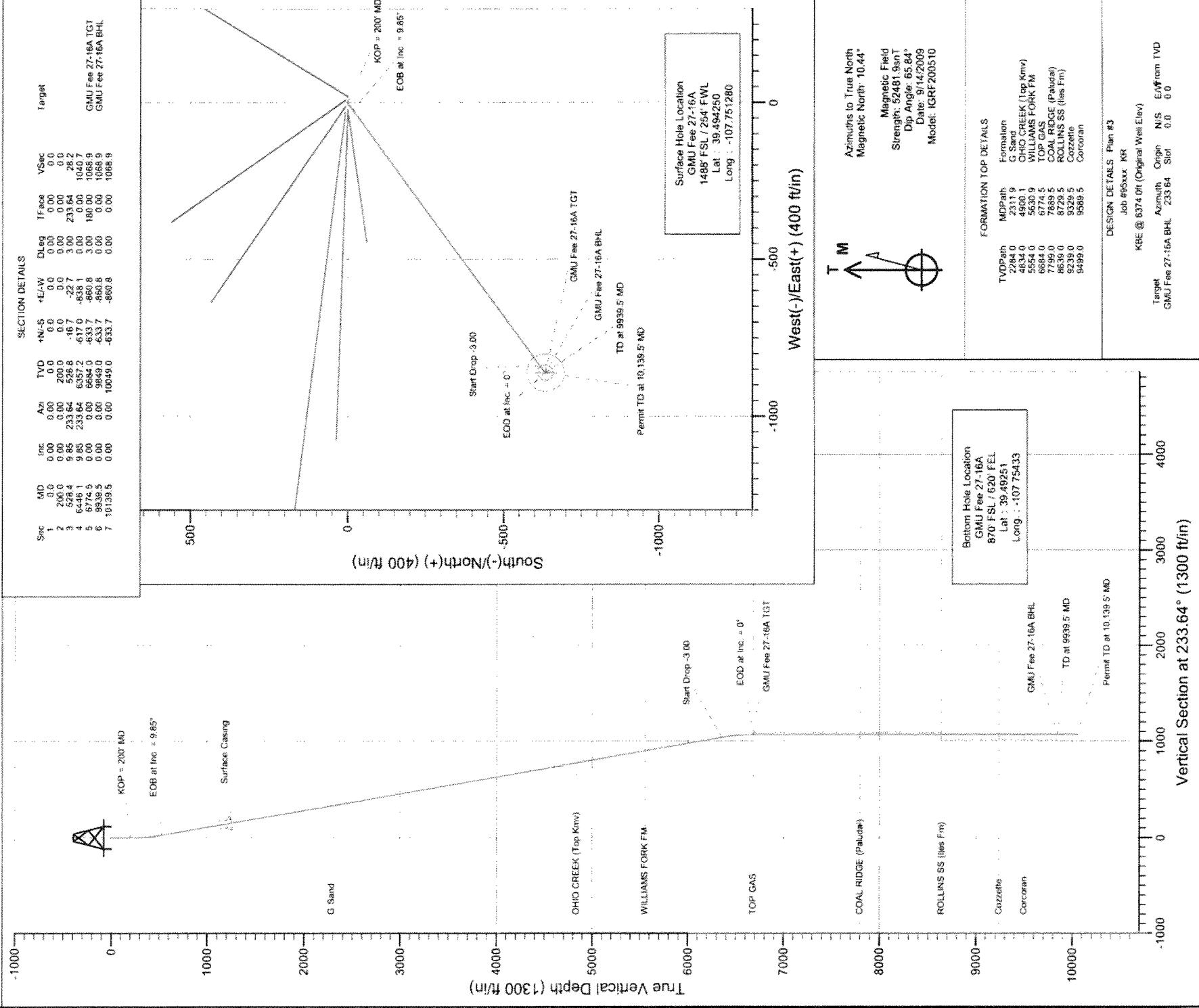
A revised directional plan is attached.



Project: Mamm Creek
Site: L26NW Pad (NWSW S26-T6S-R93W)
Well: GMU Fee 27-16A
Wellbore: DD
Design: Plan #3



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FEB 24 2010

COGCC/Rifle Office

Planning Report

Database: US EDM 2003.21 Multi User Db
Company: EnCana Oil & Gas (USA) Inc
Project: Mamm Creek
Site: L26NW Pad (NWSW S26-T6S-R93W)
Well: GMU Fee 27-16A
Wellbore: DD
Design: Plan #3

Local Co-ordinate Reference: Well GMU Fee 27-16A
TVD Reference: KBE @ 6374.0ft (Original Well Elev)
MD Reference: KBE @ 6374.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

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

Site

L26NW Pad (NWSW S26-T6S-R93W)

Site Position:

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

Well

GMU Fee 27-16A

Well Position

	+N/-S	Northing:	1,612,784.31 ft	Latitude:	39.494250
	+E/-W	Easting:	2,364,741.88 ft	Longitude:	-107.751280
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,352.0 ft

Wellbore

DD

Magnetics

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

Plan #3

Audit Notes:

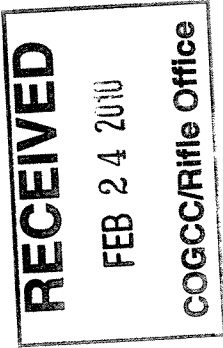
Version:

Vertical Section:

Phase:	PLAN	Tie On Depth:	0.0
Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	233.64

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	0.00	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	
528.4	9.85	233.64	526.8	-16.7	-22.7	3.00	3.00	0.00	233.64	
6,446.1	9.85	233.64	6,357.2	-617.0	-838.1	0.00	0.00	0.00	0.00	
6,774.5	0.00	0.00	6,684.0	-633.7	-860.8	3.00	-3.00	0.00	180.00	GMU Fee 27-16A TG
9,939.5	0.00	0.00	9,849.0	-633.7	-860.8	0.00	0.00	0.00	0.00	GMU Fee 27-16A BH
10,139.5	0.00	0.00	10,049.0	-633.7	-860.8	0.00	0.00	0.00	0.00	



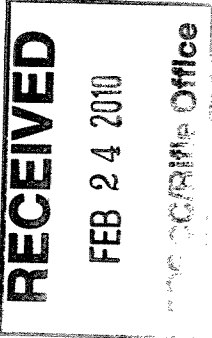
Planning Report

Database: US EDM 2003.21 Multi User Db
Company: EnCana Oil & Gas (USA) Inc
Project: Mamm Creek
Site: L26NW Pad (NWSW S26-T6S-R33W)
Well: GMU Fee 27-16A
Wellbore: DD
Design: Plan #3

Local Co-ordinate Reference: Well GMU Fee 27-16A
TVD Reference: KBE @ 6374.0ft (Original Well Elev)
MD Reference: KBE @ 6374.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

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	3.00	233.64	300.0	-1.6	-2.1	2.6	3.00	3.00	KOP = 200 MD
400.0	6.00	233.64	399.6	-6.2	-8.4	10.5	3.00	3.00	
500.0	9.00	233.64	498.8	-13.9	-18.9	23.5	3.00	3.00	
528.4	9.85	233.64	526.8	-16.7	-22.7	28.2	3.00	3.00	EOB at Inc. = 9.85
600.0	9.85	233.64	597.3	-24.0	-32.5	40.4	0.00	0.00	
700.0	9.85	233.64	695.9	-34.1	-46.3	57.5	0.00	0.00	
800.0	9.85	233.64	794.4	-44.3	-60.1	74.6	0.00	0.00	
900.0	9.85	233.64	892.9	-54.4	-73.9	91.7	0.00	0.00	
1,000.0	9.85	233.64	991.4	-64.5	-87.7	108.9	0.00	0.00	
1,100.0	9.85	233.64	1,090.0	-74.7	-101.4	126.0	0.00	0.00	
1,200.0	9.85	233.64	1,188.5	-84.8	-115.2	143.1	0.00	0.00	
1,600.0	9.85	233.64	1,582.6	-125.4	-170.3	211.5	0.00	0.00	
1,700.0	9.85	233.64	1,681.1	-135.6	-184.1	228.6	0.00	0.00	
1,800.0	9.85	233.64	1,779.6	-145.7	-197.9	245.7	0.00	0.00	
1,900.0	9.85	233.64	1,878.2	-155.8	-211.7	262.9	0.00	0.00	
2,000.0	9.85	233.64	1,976.7	-166.0	-225.5	280.0	0.00	0.00	
2,100.0	9.85	233.64	2,075.2	-176.1	-239.2	297.1	0.00	0.00	
2,200.0	9.85	233.64	2,173.7	-186.3	-253.0	314.2	0.00	0.00	
2,300.0	9.85	233.64	2,272.3	-196.4	-266.8	331.3	0.00	0.00	
2,311.9	9.85	233.64	2,284.0	-197.6	-268.4	333.3	0.00	0.00	G Sand
2,400.0	9.85	233.64	2,370.8	-206.6	-280.6	348.4	0.00	0.00	
2,500.0	9.85	233.64	2,469.3	-216.7	-294.3	365.5	0.00	0.00	
2,600.0	9.85	233.64	2,567.8	-226.9	-308.1	382.6	0.00	0.00	
2,700.0	9.85	233.64	2,666.4	-237.0	-321.9	399.7	0.00	0.00	
2,800.0	9.85	233.64	2,764.9	-247.1	-335.7	416.9	0.00	0.00	
2,900.0	9.85	233.64	2,863.4	-257.3	-349.5	434.0	0.00	0.00	
3,000.0	9.85	233.64	2,961.9	-267.4	-363.2	451.1	0.00	0.00	
3,100.0	9.85	233.64	3,060.5	-277.6	-377.0	468.2	0.00	0.00	
3,200.0	9.85	233.64	3,159.0	-287.7	-390.8	485.3	0.00	0.00	
3,300.0	9.85	233.64	3,257.5	-297.9	-404.6	502.4	0.00	0.00	
3,400.0	9.85	233.64	3,356.0	-308.0	-418.4	519.5	0.00	0.00	
3,500.0	9.85	233.64	3,454.6	-318.2	-432.1	536.6	0.00	0.00	
3,600.0	9.85	233.64	3,553.1	-328.3	-445.9	553.7	0.00	0.00	
3,700.0	9.85	233.64	3,651.6	-338.5	-459.7	570.8	0.00	0.00	
3,800.0	9.85	233.64	3,750.1	-348.6	-473.5	588.0	0.00	0.00	
3,900.0	9.85	233.64	3,848.7	-358.7	-487.3	605.1	0.00	0.00	
4,000.0	9.85	233.64	3,947.2	-368.9	-501.0	622.2	0.00	0.00	
4,100.0	9.85	233.64	4,045.7	-379.0	-514.8	639.3	0.00	0.00	
4,200.0	9.85	233.64	4,144.2	-389.2	-528.6	656.4	0.00	0.00	
4,300.0	9.85	233.64	4,242.8	-399.3	-542.4	673.5	0.00	0.00	
4,400.0	9.85	233.64	4,341.3	-409.5	-556.1	690.6	0.00	0.00	
4,500.0	9.85	233.64	4,439.8	-419.6	-569.9	707.7	0.00	0.00	
4,600.0	9.85	233.64	4,538.3	-429.8	-583.7	724.8	0.00	0.00	
4,700.0	9.85	233.64	4,636.9	-439.9	-597.5	742.0	0.00	0.00	
4,800.0	9.85	233.64	4,735.4	-450.0	-611.3	759.1	0.00	0.00	



Planning Report

Database: US EDM 2003.21 Multi User Db
Company: EnCana Oil & Gas (USA) Inc
Project: Mann Creek
Site: L26NW Pad (NWSW S26-T6S-R93W)
Well: GMU Fee 27-16A
Wellbore: DD
Design: Plan #3

Local Co-ordinate Reference: Well GMU Fee 27-16A
TVD Reference: KBE @ 6374.0ft (Original Well Elev)
MD Reference: KBE @ 6374.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

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
4,900.0	9.85	233.64	4,833.9	-460.2	-625.0	776.2	0.00	0.00	OHIO CREEK (Top Kmiv)
4,900.1	9.85	233.64	4,834.0	-460.2	-625.1	776.2	0.00	0.00	
5,000.0	9.85	233.64	4,932.4	-470.3	-638.8	793.3	0.00	0.00	
5,100.0	9.85	233.64	5,031.0	-480.5	-652.6	810.4	0.00	0.00	WILLIAMS FORK FM
5,200.0	9.85	233.64	5,129.5	-490.6	-666.4	827.5	0.00	0.00	
5,300.0	9.85	233.64	5,228.0	-500.8	-680.2	844.6	0.00	0.00	
5,400.0	9.85	233.64	5,326.5	-510.9	-693.9	861.7	0.00	0.00	COAL RIDGE (Paludai)
5,500.0	9.85	233.64	5,425.1	-521.1	-707.7	878.8	0.00	0.00	
5,600.0	9.85	233.64	5,523.6	-531.2	-721.5	896.0	0.00	0.00	
5,630.9	9.85	233.64	5,554.0	-534.3	-725.7	901.2	0.00	0.00	ROLLINS SS (lies Fm)
5,700.0	9.85	233.64	5,622.1	-541.3	-735.3	913.1	0.00	0.00	
5,800.0	9.85	233.64	5,720.6	-551.5	-749.0	930.2	0.00	0.00	
5,900.0	9.85	233.64	5,819.2	-561.6	-762.8	947.3	0.00	0.00	Start Drop -3.00
6,000.0	9.85	233.64	5,917.7	-571.8	-776.6	964.4	0.00	0.00	
6,100.0	9.85	233.64	6,016.2	-581.9	-790.4	981.5	0.00	0.00	
6,200.0	9.85	233.64	6,114.7	-592.1	-804.2	998.6	0.00	0.00	EOD at Inc. = 0° - TOP GAS GMU Fee 27-16A
6,300.0	9.85	233.64	6,213.3	-602.2	-817.9	1,015.7	0.00	0.00	
6,400.0	9.85	233.64	6,311.8	-612.4	-831.7	1,032.8	0.00	0.00	
6,446.1	9.85	233.64	6,357.2	-617.0	-838.1	1,040.7	0.00	0.00	COAL RIDGE (Paludai)
6,500.0	8.24	233.64	6,410.4	-622.1	-844.9	1,049.2	3.00	-3.00	
6,600.0	5.24	233.64	6,509.7	-629.0	-854.3	1,060.9	3.00	-3.00	
6,700.0	2.24	233.64	6,609.5	-632.9	-859.6	1,067.4	3.00	-3.00	ROLLINS SS (lies Fm)
6,774.5	0.00	0.00	6,684.0	-633.7	-860.8	1,068.9	3.00	-3.00	
6,800.0	0.00	0.00	6,709.5	-633.7	-860.8	1,068.9	0.00	0.00	
6,900.0	0.00	0.00	6,809.5	-633.7	-860.8	1,068.9	0.00	0.00	Start Drop -3.00
7,000.0	0.00	0.00	6,909.5	-633.7	-860.8	1,068.9	0.00	0.00	
7,100.0	0.00	0.00	7,009.5	-633.7	-860.8	1,068.9	0.00	0.00	
7,200.0	0.00	0.00	7,109.5	-633.7	-860.8	1,068.9	0.00	0.00	COAL RIDGE (Paludai)
7,300.0	0.00	0.00	7,209.5	-633.7	-860.8	1,068.9	0.00	0.00	
7,400.0	0.00	0.00	7,309.5	-633.7	-860.8	1,068.9	0.00	0.00	
7,500.0	0.00	0.00	7,409.5	-633.7	-860.8	1,068.9	0.00	0.00	ROLLINS SS (lies Fm)
7,600.0	0.00	0.00	7,509.5	-633.7	-860.8	1,068.9	0.00	0.00	
7,700.0	0.00	0.00	7,609.5	-633.7	-860.8	1,068.9	0.00	0.00	
7,800.0	0.00	0.00	7,709.5	-633.7	-860.8	1,068.9	0.00	0.00	Start Drop -3.00
7,889.5	0.00	0.00	7,799.0	-633.7	-860.8	1,068.9	0.00	0.00	
7,900.0	0.00	0.00	7,809.5	-633.7	-860.8	1,068.9	0.00	0.00	
8,000.0	0.00	0.00	7,909.5	-633.7	-860.8	1,068.9	0.00	0.00	ROLLINS SS (lies Fm)
8,100.0	0.00	0.00	8,009.5	-633.7	-860.8	1,068.9	0.00	0.00	
8,200.0	0.00	0.00	8,109.5	-633.7	-860.8	1,068.9	0.00	0.00	
8,300.0	0.00	0.00	8,209.5	-633.7	-860.8	1,068.9	0.00	0.00	Start Drop -3.00
8,400.0	0.00	0.00	8,309.5	-633.7	-860.8	1,068.9	0.00	0.00	
8,500.0	0.00	0.00	8,409.5	-633.7	-860.8	1,068.9	0.00	0.00	
8,600.0	0.00	0.00	8,509.5	-633.7	-860.8	1,068.9	0.00	0.00	ROLLINS SS (lies Fm)
8,700.0	0.00	0.00	8,609.5	-633.7	-860.8	1,068.9	0.00	0.00	
8,729.5	0.00	0.00	8,639.0	-633.7	-860.8	1,068.9	0.00	0.00	
8,800.0	0.00	0.00	8,709.5	-633.7	-860.8	1,068.9	0.00	0.00	Start Drop -3.00
8,900.0	0.00	0.00	8,809.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,000.0	0.00	0.00	8,909.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,100.0	0.00	0.00	9,009.5	-633.7	-860.8	1,068.9	0.00	0.00	COAL RIDGE (Paludai)
9,200.0	0.00	0.00	9,109.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,300.0	0.00	0.00	9,209.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,329.5	0.00	0.00	9,239.0	-633.7	-860.8	1,068.9	0.00	0.00	Corzette

RECEIVED
FEB 24 2010
COGCC/Rifle Office

Planning Report

Database: US EDM 2003.21 Multi User Db
Company: EnCana Oil & Gas (USA) Inc
Project: Mann Creek
Site: L26NW Pad (NWSW S26-T6S-R93W)
Well: GMU Fee 27-16A
Wellbore: DD
Design: Plan #3

Local Co-ordinate Reference: Well GMU Fee 27-16A
TVD Reference: KBE @ 6374.0ft (Original Well Elev)
MD Reference: KBE @ 6374.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

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	9,309.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,500.0	0.00	0.00	9,409.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,589.5	0.00	0.00	9,499.0	-633.7	-860.8	1,068.9	0.00	0.00	Corcoran
9,600.0	0.00	0.00	9,509.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,700.0	0.00	0.00	9,609.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,800.0	0.00	0.00	9,709.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,900.0	0.00	0.00	9,809.5	-633.7	-860.8	1,068.9	0.00	0.00	
9,939.5	0.00	0.00	9,849.0	-633.7	-860.8	1,068.9	0.00	0.00	TD at 9939.5 MD - GMU Fee 27-16A BHL
10,000.0	0.00	0.00	9,909.5	-633.7	-860.8	1,068.9	0.00	0.00	
10,100.0	0.00	0.00	10,009.5	-633.7	-860.8	1,068.9	0.00	0.00	
10,139.5	0.00	0.00	10,049.0	-633.7	-860.8	1,068.9	0.00	0.00	Permit TD at 10,139.5 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 Fee 27-16A BHL	- plan hits target center	- Circle (radius 60.0)	0.00	0.00	9,849.0	-633.7	-860.8	1,612,172.10	2,363,865.49	39.492510	-107.754330
GMU Fee 27-16A TGT	- plan hits target center	- Circle (radius 25.0)	0.00	0.00	6,684.0	-633.7	-860.8	1,612,172.10	2,363,865.49	39.492510	-107.754330

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
1,262.4	1,250.0	Surface Casing	5.500	6.000

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,311.9	2,284.0	G Sand			
4,900.1	4,834.0	OHIO CREEK (Top Knv)			
5,630.9	5,554.0	WILLIAMS FORK FM			
6,774.5	6,684.0	TOP GAS			
7,889.5	7,799.0	COAL RIDGE (Paludal)			
8,729.5	8,639.0	ROLLINS SS (iles Fm)			
9,329.5	9,239.0	Cozzette		0.00	
9,589.5	9,499.0	Corcoran		0.00	



Planning Report

Database:
Company:
Project:
Site:
Well:
Wellbore:
Design:

US EDM 2003.21 Multi User Db
EnCana Oil & Gas (USA) Inc
Mamm Creek
L26NW Pad (NWSW S26-T6S-R93W)
GMU Fee 27-16A
DD
Plan #3

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well GMU Fee 27-16A
KBE @ 6374.0ft (Original Well Elev)
KBE @ 6374.0ft (Original Well Elev)
True
Minimum Curvature

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
200.0	200.0	0.0	0.0	KOP = 200' MD
528.4	526.8	-16.7	-22.7	EOB at Inc. = 9.85°
6,446.1	6,357.2	-617.0	-838.1	Start Drop -3.00
6,774.5	6,684.0	-633.7	-860.8	EOD at Inc. = 0°
9,939.5	9,849.0	-633.7	-860.8	TD at 9939.5' MD
10,139.5	10,049.0	-633.7	-860.8	Permit TD at 10,139.5' MD

