FORM 4 Rev 12/05

Page 1

State o
Oil and Gas Conser
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax:(303)894-2109

02121426

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.)

RECEIVED
MAR 08 2012
COGCC/Rifle Office

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: Bonnie Lamond
Phone: 720.876.5156
Fax: 720.876.6177

5. API Number 05- 045-20777-0000
6. Well/Facility Name: Encana Fee
7. OGCC Facility ID Number 335409
Well/Facility Number 19-10B (K19CNE)
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): Lot 3 Sec 19, T6S, R92W 6 P.M.
9. County: Garfield
10. Field Name: Mamm Creek
11. Federal, Indian or State Lease Number:

Complete the Attached Checklist

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

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

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer

Latitude
Longitude
Ground Elevation
Distance to nearest property line
Distance to nearest lease line
Distance to nearest well same formation
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

☐ Remove from surface bond
Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):
Effective Date:
Plugging Bond: ☐ Blanket ☐ Individual

☐ CHANGE WELL NAME NUMBER
From:
To:
Effective Date:

☐ 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

☒ Notice of Intent
Approximate Start Date: As soon as approved
☐ 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)
☐ Change Drilling Plans
☐ Gross Interval Changed?
☐ Casing/Cementing Program Change
☐ Request to Vent or Flare
☐ Repair Well
☐ Rule 502 variance requested
☒ Other: Request to Complete Mamm Creek Well
☐ 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: Bonnie Lamond Date: 1/29/11 Email: bonnie.lamond@encana.com
Print Name: Bonnie Lamond Title: Permitting Technician

COGCC Approved: Title MWAE Date: 3/9/12
CONDITIONS OF APPROVAL, IF ANY:

FORM 4 Rev 12/05

Page 2

TECHNICAL INFORMATION PAGE

FOR OGCC USE ONLY

RECEIVED
MAR 08 2012
COGCC/Rifle Office

1. OGCC Operator Number: 100185 API Number: 05- 045-20777-0000
2. Name of Operator: Encana Oil & Gas (USA) Inc. OGCC Facility ID # 335409
3. Well/Facility Name: Encana Fee Well/Facility Number: 19-10B (K19CNE)
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): Lot 3 Sec 19, T6S, R92W 6 P.M.

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

The above referenced well has been successfully cemented according to the approved plan and summary of bradenhead monitoring completed.

Encana Oil & Gas (USA) Inc. requests approval to commence completions.

Attachments:
Wellbore Diagram ~~with FIT and Final Mud Weight~~
Bradenhead Pressure Report
CBL Log with Temperature Survey

Engineer Contact Information:
Ryan McGilvery
Completion Engineer
370 17th. Street, Suite 1700
Denver, CO 80202
720-876-3681

or

Craig Miley
Completion Engineer
370 17th. Street, Suite 1700
Denver, CO 80202
720-876-5396

Well:	Encana Fee 19-10B
Pad:	K19CNE
API No:	05-045-20777
Permit No:	400161931

Bradenhead Pressure Report Following Primary Cement Job

Date Cemented:	01/30/2012
Plug Bumped:	Yes

Annular Fluid Level After Job (Static or Falling?):	Static	
If falling, barrels of mud added until stabilized:		barrels

WOC Time:	717
Bond Log Run:	03/01/2012

Casing Slips Set:	01/30/2012

Brandenhead Pressures

6 hrs:	0	psig
12 hrs:	0	psig
24 hrs:	0	psig
48 hrs:	0	psig
72 hrs:	0	psig

Comments

Surface	Minerals	Name
Fee	Fee	Encana Fee 19-10B (K19CNE)

Permit Estimated Formation Tops (MD / TVD)

16" Conductor @ 40'
Cement to surface with 5 yds redi-mix

Wasatch	**Surface /**	**Surface**

12-1/4" Surface Hole

Surface Casing	**1289 /**	**1248**

9-5/8" 36# J/K55
Cement to surface with:
Lead: 270 sxs 12.5 Glass G 2.11 ft³/sk
Tail: 134 sx, 15.8, Class G 1.17 ft³/sk
Total: 404 sx
(volume includes 80% excess)

7-7/8" Production Hole

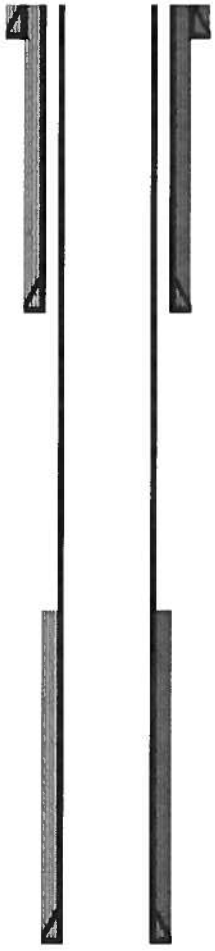
Atwell Gulch	**1541 /**	**1484**
Mesa Verde	**3920 /**	**3708**

TOC requirement 500ft above TOG

Williams Fork	**4364 /**	**4376**
Top of Gas	**5741 /**	**5422**
Coal Ridge	**6868 /**	**6546**
Permit TD	**8594 /**	**8272**
Production casing	**8294 /**	**7972**

4-1/2 11.6# N80
Cement with:
Lead: 83 sx, 12 TXI, 1.79 ft³/sk
Tail: 529 sx, 13 TXI, 1.43 ft³/sk
Total: 611 sx
(volume includes 30% excess)

Casing & Hole size



Actual Conditions (MD / TVD)

16" Conductor @ 40'
Cement to surface with 5 yds redi-mix

Wasatch	**Surface/**	**Surface**

12-1/4" Surface Hole

Surface Casing	**# 1344 /**	**1298**

9-5/8", 36# J55
Cemented to surface with
Lead: 269 sxs, 12.5 ppg Glass G, 2.11 ft³/sk
Tail: 150 sxs, 15.8 ppg Class G, 1.17 ft³/sk
Total: 419 sxs

7-7/8" Production Hole

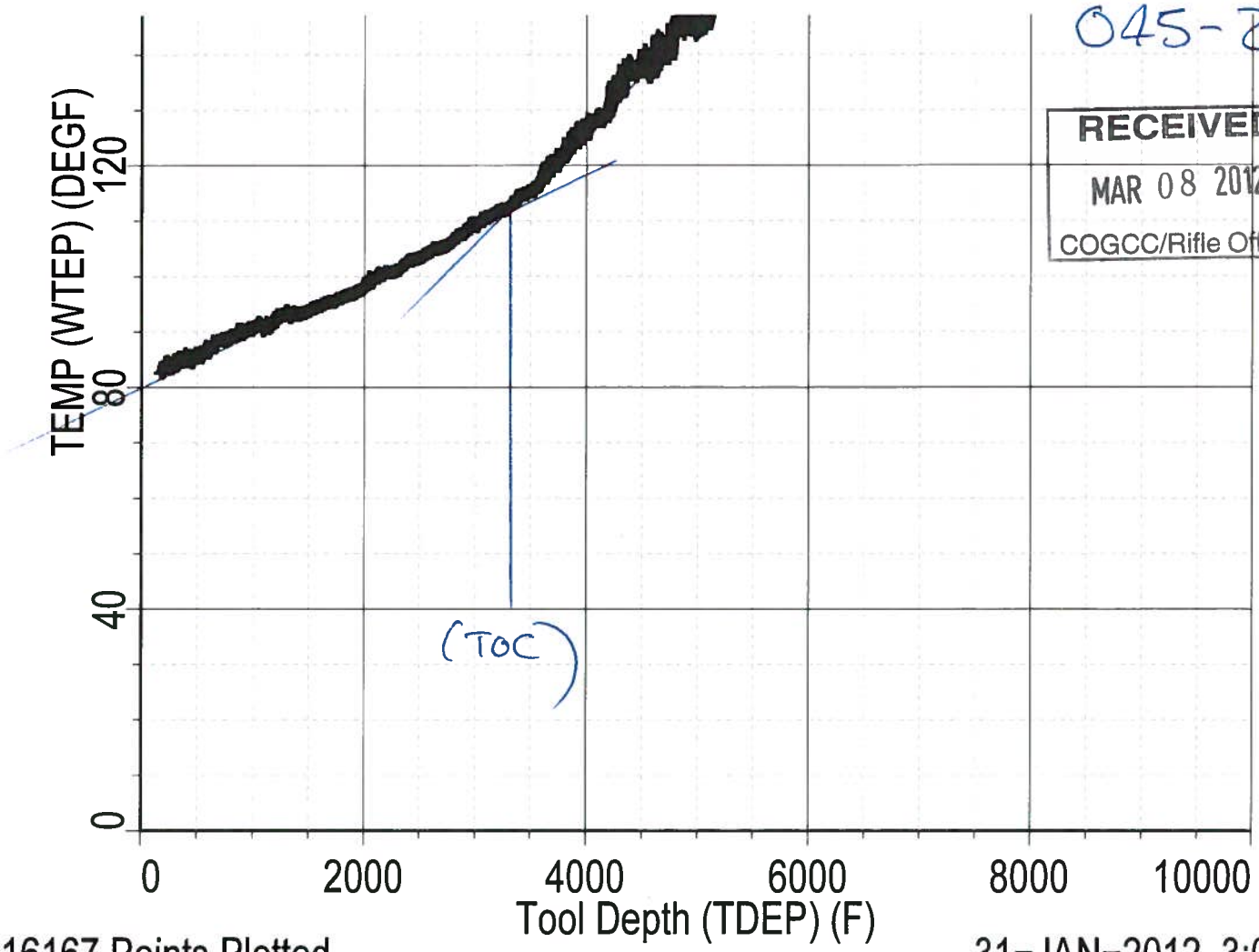
Mesa Verde	**3978 /**	**3752**
Williams Fork	**4574 /**	**4308**

TOC from CBL 2870' MD-RKB

Top of Gas	**5936 /**	**5616**
Coal Ridge	**6942 /**	**6621**
Rollins	**7656 /**	**7335**
Actual TD	**8340 /**	**8018**
Production casing	**8305 /**	**7983**

4-1/2", 11.6# S80
Cemented with:
Tail: 1430 sx, 13.5 ppg TXI, 1.26 ft³/sk

045-20777



16167 Points Plotted

31-JAN-2012 3:05

Schlumberger

COEFFICIENTS

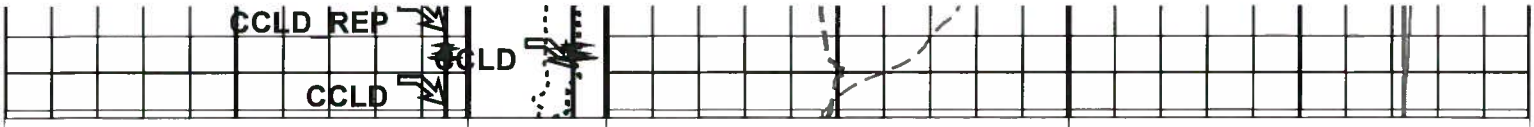
MAXIS Field Log

Client:	**ENCANA OIL & GAS (USA) INC.**	**Tool:**	**PSP**
Field:	**MAMM CREEK**	**Sub Type:**	**PBMS**
Well:	**ENCANA FEE 19-10B (K19CNE)**	**Sensor:**	**GR**
Run date:	**31-Jan-2012**		

PBMS Gamma Ray

Sonde Serial NB	**RESISTORS FOR GR SENSOR N.34384,TOOL HBMS-BA2880. SENSOR S/N:**
Sensor Serial NB	**34384**
Calib Date ddmmyy	**160206**
Matrix Size	**12**
Coeff CRC	**D8B5**

GR HV Rt



CCLD_REP Curve (CCLD_REP)	CCLD_1_REP Curve (CCLD_REP)	WTEP_REP Curve (WTEP_REP)	WTEP_1_REP Curve (WTEP_REP)
-19 (V) 1	3 (V) -1	0 (DEGF) 10	50 (DEGF) 250
	TENS_REP Curve (TENS_REP) (LBF) 0 2000		

045-20777

Parameters

DLIS Name	Description	Value	
	System and Miscellaneous		
DO	Depth Offset for Playback	0.0	FT
DORL	Depth Offset for Repeat Analysis	0.0	FT
PP	Playback Processing	NORMAL	

Format: TEMPERATURE_S2_REP Vertical Scale: 2" per 100' Graphics File Created: 31-Jan-2012 03:01

OP System Version: 19C0-187

HBMS-B	19C0-187

Input DLIS Files

DEFAULT	Flip_HBMS_004LUP		PRODUCER	31-Jan-2012 02:55	8262.5 FT	179.5 FT
DEFAULT	HBMS_003LUP	FN:2	PRODUCER	31-Jan-2012 02:44	8262.0 FT	7715.5 FT

Output DLIS Files

DEFAULT	HBMS_006PUP	FN:4	PRODUCER	31-Jan-2012 03:01

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TEMPERATURE PLOT

MAXIS Field Log

Index: 8262.5 - 179.5 FT