FORM 4
Rev 04/13

State of Colorado
Oil and Gas Conservation Commission

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

DE	ET	OE	ES

Document Number: 400850575

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SUNDRY NOTICE

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: 100185 Contact Name: Chris Hines

Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (970) 285-2653

Address: 370 17TH ST STE 1700 Fax: ( )

City: DENVER State: CO Zip: 80202-5632 Email: chris.hines@encana.com

Complete the Attachment Checklist

OP OGCC

API Number : 05- 045 00 OGCC Facility ID Number: 335825

Well/Facility Name: N. Parachute Well/Facility Number: MF H17 696

Location QtrQtr: Lot 7 Section: 17 Township: 6S Range: 96W Meridian: 6

County: GARFIELD Field Name: GRAND VALLEY

Federal, Indian or State Lease Number:

Survey Plat		
Directional Survey		
Srfc Eqpmt Diagram		
Technical Info Page		
Other		

CHANGE OF LOCATION OR AS BUILT GPS REPORT

☐ Change of Location * ☐ As-Built GPS Location Report ☐ As-Built GPS Location Report with Survey

* Well location change requires new plat. A substantive surface location change may require new Form 2A.

SURFACE LOCATION GPS DATA

Data must be provided for Change of Surface Location and As Built Reports.

Latitude PDOP Reading Date of Measurement

Longitude GPS Instrument Operator's Name

LOCATION CHANGE **(all measurements in Feet)**

Well will be: (Vertical, Directional, Horizontal)

	FNL/FSL		FEL/FWL		
Change of **Surface** Footage **From** Exterior Section Lines:	1582	FNL	294	FEL	
Change of **Surface** Footage **To** Exterior Section Lines:					

Current **Surface** Location **From** QtrQtr: Lot 7 Sec: 17 Twp: 6S Range: 96W Meridian: 6

New **Surface** Location **To** QtrQtr: Sec: Twp: Range: Meridian:

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:				
Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:				**

Current **Top of Productive Zone** Location **From** Sec: Twp: Range:

New **Top of Productive Zone** Location **To** Sec: Twp: Range:

Change of **Bottomhole** Footage **From** Exterior Section Lines:				
Change of **Bottomhole** Footage **To** Exterior Section Lines:				**

Current **Bottomhole** Location Sec: Twp: Range:

New **Bottomhole** Location Sec: Twp: Range:

** attach deviated drilling plan

Is location in High Density Area?

Distance, in feet, to nearest building , public road: , above ground utility: , railroad: ,

property line: , lease line: , well in same formation:

Ground Elevation feet Surface owner consultation date

OTHER CHANGES

☐ **REMOVE FROM SURFACE BOND** **Signed surface use agreement is a required attachment**

☐ **CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name N. PARACHUTE Number MF H17 696 Effective Date: _____

To: Name _____ Number _____

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL:Abandon Application for Permit-to-Drill (Form2) – Well API Number _____ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number _____ has not been constructed (Permitted and constructed pit requires closure per Rule 905)

☐ CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number _____ has not been constructed (Constructed facility requires closure per Rule 908)

OIL & GAS LOCATION ID Number: _____

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.

☐ **REQUEST FOR CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

☐ **DOCUMENTS SUBMITTED** Purpose of Submission: _____

RECLAMATION

INTERIM RECLAMATION

☐ Interim Reclamation will commence approximately _____

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.
Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

Field inspection will be conducted to document Rule 1003.e. compliance

FINAL RECLAMATION

☐ Final Reclamation will commence approximately _____

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

Field inspection will be conducted to document Rule 1004.c. compliance

Comments:

ENGINEERING AND ENVIRONMENTAL WORK

☐ NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned _____ Has Production Equipment been removed from site? _____

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT _____

☐ SPUD DATE: _____

TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

☐ NOTICE OF INTENT Approximate Start Date _____

☒ REPORT OF WORK DONE Date Work Completed 11/15/2012

☐ Intent to Recomplete (Form 2 also required)	☐ Request to Vent or Flare	☐ E&P Waste Mangement Plan
☐ Change Drilling Plan	☐ Repair Well	☐ Beneficial Reuse of E&P Waste
☐ Gross Interval Change	☐ Rule 502 variance requested. Must provide detailed info regarding request.	
☒ Other cuttings burial	☐ Status Update/Change of Remediation Plans for Spills and Releases	

COMMENTS:

This form is being submitted to document onsite burial of drill cuttings during interim reclamation efforts completed November 15, 2012 on the C04 696 well pad (311638). This effort included transportation, 2.5 miles along Garfield County Road 215, of approximately 12,000 cubic yards of drill cuttings from the H17 696 well pad (335825).

After completion of drilling operations, a representative composite sample of the drill cuttings stockpile was collected and submitted to a laboratory for analysis of COGCC Table 910-1 constituents of concern. Upon receiving notification of drill cuttings transported from the H17 696 well pad, two representative composite samples were collected from the new drill cuttings stockpile. Results from the H17 stockpile identified several PAH organic constituent concentrations above allowable limits.

During interim reclamation, approximately 15,000 cubic yards of drill cuttings were buried on the west side of the location. The cuttings were placed and oriented to maximize the depth of the cap of native material, and to assure that the stockpile remained below the agronomic zone during future reoccupations or final reclamation. To assure successful revegetation during reclamation, a minimum of three feet of native material is used to cap all impacted and potentially impacted material.

PAH constituent concentrations were above the allowable concentrations in Table 910-1. However, the well pad was constructed in the shale alluvium below Green River Formation outcrops. The formation is known for lacustrine fossil beds and oil shale, among other lithology. Lacustrine and marine fossil beds are commonly associated with high background arsenic concentrations, while oil shale is known for elevated levels of heavy end organics, including TPH-DRO and PAH constituents. Encana has collected background samples throughout the Piceance with elevated background levels of arsenic, TPH-DRO, and PAH constituents. Heavy-end organic compounds are not readily soluble in water and are typically entrained in soil and shale. Based on the stability of heavy-end organic constituents, the naturally occurring geologic conditions, and Footnote 1 to COGCC Table 910-1, Encana requests the COGCC consider the PAH in the drill cuttings consistent with background in the area.

The inorganic constituent SAR was above the allowable limit, but the cuttings stockpile was buried below the agronomic zone where this constituent should have no effect on revegetation efforts. Encana requests that the COGCC consider the reclamation purpose of listing the inorganic constituents and the physical disposition of these materials as an alternative to the allowable levels listed in COGCC Table 910-1.

The metal constituent arsenic is also above the allowable limit, but is within the range of background values for this area. Based on these results and Footnote 1 to COGCC Table 910-1, Encana requests that the COGCC consider the higher range of background arsenic values as the allowable concentration for this constituent.

Laboratory results are provided in the attached summary table and laboratory report.

H2S REPORTING

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: _____ in ppm (parts per million) Date of Measurement or Sample Collection _____

Description of Sample Point:

Absolute Open Flow Potential _____ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: _____

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: _____

COMMENTS:

Best Management Practices

No	BMP/COA Type	Description

Operator Comments:

Attention Carlos Lujan. See email correspondence for complete document and corrections.

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

Signed: Print Name: Chris Hines

Title: Environmental Specialist Email: chris.hines@encana.com Date: 6/8/2015

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: LUJAN, CARLOS Date: 6/30/2015

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

General Comments

User Group	Comment	Comment Date
Routing Review	A task has been opened for C. Lujan (Environmental Group) to review the document.	6/9/2015 9:09:43 AM

Total: 1 comment(s)

Attachment Check List

Att Doc Num	Name
400850575	FORM 4 SUBMITTED
400850577	OTHER

Total Attach: 2 Files