

**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: <b>400509579</b>			
Date Received: <b>11/08/2013</b>			

**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: 53650 Contact Name Tiffany Stebbins  
 Name of Operator: MARATHON OIL COMPANY Phone: (307) 527-2223  
 Address: 1501 STAMPEDE AVENUE Fax: (307) 527-3280  
 City: CODY State: WY Zip: 82414 Email: tastebbins@marathonoil.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 045 00 OGCC Facility ID Number: 335985  
 Well/Facility Name: 697-2C-66S97W Well/Facility Number: 2SESW  
 Location QtrQtr: SESW Section: 2 Township: 6S Range: 97W 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)

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

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

Current **Surface** Location **From** QtrQtr SESW Sec 2

New **Surface** Location **To** QtrQtr \_\_\_\_\_ Sec \_\_\_\_\_

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 \_\_\_\_\_

New **Top of Productive Zone** Location **To** Sec \_\_\_\_\_

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

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

Current **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_

New **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_

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 \_\_\_\_\_

FNL/FSL		FEL/FWL	
<u>382</u>	<u>FSL</u>	<u>1923</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>6S</u>	Range <u>97W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
_____	_____	_____	_____
_____	_____	_____	_____
Twp _____	Range _____		
Twp _____	Range _____		
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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\*\* attach deviated drilling plan

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 697-2C-66S97W Number 2SESW 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: Notification of pit closure

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 08/03/2011

<input type="checkbox"/> Intent to Recomplete (Form 2 also required)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Mangement Plan
<input type="checkbox"/> Change Drilling Plan	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Change	<input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request.	
<input checked="" type="checkbox"/> Other <u>Pit Closure</u>	<input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases	

**COMMENTS:**

**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:

Empty rectangular box for comments.

**Best Management Practices**

**No BMP/COA Type**

**Description**

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Operator Comments:

Please provide a copy of this sundry to Rifle field office inspector Mike Longworth.

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

Signed: \_\_\_\_\_ Print Name: Tiffany Stebbins

Title: Adv Regulatory Compliance Email: tastebbins@marathonoil.com Date: 11/8/2013

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: 4/24/2014

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

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**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Environmental	<p>Notes by Carlos Lujan, April 24, 2014</p> <p>1. Notice of Completion reports (NOCs) submitted via Sundry Notice (e-Form 04s) on December 2013 (docs # 400509555 and 400509579) and documenting completed pit closures (pit backfilled, leveled, reseeded, etc.) will be approved even if PAHs in cuttings (backfilled in the pits) had PAHs values above Table 910-1. The procedure had been approved by COGCC EPS for the NW region in 2012, on the grounds that high PAH values in cuttings were attributed to the Mahogany zone of the Green River Formation, and were considered naturally occurring.</p> <p>2. Upcoming projects not included in the "2011-2012 Closure Plan for Piceance Asset Pits" will not be approved with PAHs above Table 910-1 values, UNLESS background samples in the vicinity of the pad show that high PAH values are naturally occurring at or near the surface.</p> <p>3. COGCC Table 910-1's footnote allows for consideration of background values. Background means surface or shallow soils, not deep formations fully penetrated during drilling.</p> <p>4. It is therefore recommended that the operator takes background samples and analyze them for arsenic and PAHs (at least) whenever it is suspected that cuttings or other potentially impacted material may have high PAH content.</p> <p>EXTRACTED FROM</p>	4/24/2014 11:57:43 AM

MARATHON OIL COMPANY  
2011-2012 CLOSURE PLAN FOR  
PICEANCE ASSET PITS,  
GARFIELD COUNTY,  
COLORADO

Submitted to: Marathon Oil Company  
743 Horizon Court, Suite 220  
Grand Junction, Colorado 81506  
Submitted by: Golder Associates Inc.  
44 Union Boulevard, Suite 300  
Lakewood, Colorado 80228  
May 18, 2011

#### 4.2.3 Organic Compounds

For each of the remaining pits that have been sampled, the following PAH compounds exceed COGCC standards:

??Benzo(A)anthracene  
??Benzo(B)fluoranthene  
??Benzo(A)pyrene

In addition, dibenzo(A,H)anthracene and indeno(1,2,3-cd)pyrene were exceeded for some of the pits. As discussed with COGCC on April 26, 2011, these PAH compounds are considered to be from the

Mahogany Zone of the Green River Formation, which was fully penetrated by each of the Piceance Asset

drilling operations. Observations that support this conclusion include the following.

??The Mahogany Zone is characterized as oil-shale ore because of the abundant bitumen lenses that it contains. High concentrations of organics, including PAH compounds, are

present within the Mahogany Zone.

??Piceance Asset pits did not receive flowback from the associated natural gas well development operations. In addition, biodiesel and other mud additives potentially associated with elevated PAH concentrations were not used in these natural gas well

development operations.

Sundry Notices will be submitted that request consideration of the PAH values as indicative of

background concentrations attributable to the Mahogany Zone. Based on these requests and April 26,

2011 discussions with the COGCC, it is assumed that no further action will be performed regarding PAH compounds for the remaining pit closures.

Total: 1 comment(s)

### **Attachment Check List**

**Att Doc Num****Name**

400509579

FORM 4 SUBMITTED

400509583

OTHER

Total Attach: 2 Files