31A

DOCUMENT #2216709

FORM 4 Rev 12/05

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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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RECEIVED 10/12/2011

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: 53650
2. Name of Operator: Marathon Oil Company
3. Address: 5555 San Felipe
   City: Houston State: TX Zip: 77396
4. Contact Name: Anna Walls
   Phone: (713) 296-3468
   Fax: (713) 513-4394
5. API Number 05- 045-15091 OGCC Facility ID Number 335875
6. Well/Facility Name: Pad 596-31A 7. Well/Facility Number
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE Sec 31, T5S, R96W, 6th P.M.
9. County: Garfield 10. Field Name: Grand Valley
11. Federal, Indian or State Lease Number:

Complete the Attachment 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 — 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** **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:

☒ Report of Work Done
Date Work Completed: 1/5/11

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
☐ Change Drilling Plans	☐ Repair Well	☐ Beneficial Reuse of E&P Waste
☐ Gross Interval Changed?	☐ Rule 502 variance requested	☐ Status Update/Change of Remediation Plans for Spills and Releases
☐ Casing/Cementing Program Change	☒ Other: Pit Closure	

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

Signed: Anna Walls Date: 9/6/11 Email: avwalls@marathonoil.com

Print Name: Anna Walls Title Regulatory Compliance Rep

COGCC Approved: Title FOR Date: 10/26/2011

CONDITIONS OF APPROVAL, IF ANY:

Chris Canfield
EPS NW Region

31A

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TECHNICAL INFORMATION PAGE

FOR OGCC USE ONLY

1. OGCC Operator Number: 53650 API Number: _____
2. Name of Operator: Marathon Oil Company OGCC Facility ID # _____
3. Well/Facility Name: Pad 596-31A Well/Facility Number: _____
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE Sec. 31, T5S, R96W, 6th 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**

As detailed in the attached report, pit closure has been completed for Marathon pad 696-31A, located in the SENW Sec. 18, T6S, R96W, 6th P.M. The following observations are based on the Pit 31A analytical results.

- Topsoil Samples (31A-TS1 and 31A-TS2) – The only exceedances of COGCC Table 910-1 standards were for arsenic, and the arsenic values were consistent with background concentrations
- Fill Samples (31A-F1 through 31A-F4) – Except for arsenic, PAH, and pH, there were no exceedances of COGCC Table 910-1 standards. These fill materials were excavated in connection with initial pad/pit construction, and had not been exposed to any operational fluids or other sources of contamination.
- Subgrade Sample (31A-SG1) – Except for arsenic, PAH, and pH, there were no exceedances of background concentrations or COGCC Table 910-1 standards in the material below the pit liner.
- Amended Material Samples (31A-AM1 through 31A-AM5)
  - pH values in the mixed materials averaged 9.2, which exceeds the COGCC Table 910-1 standard of 9. However, these amended materials were covered by at least 3 feet of materials with agricultural standard values acceptable to COGCC
  - Arsenic concentrations averaged 4.0 ppm, which makes sense based on the elevated arsenic concentrations in the fill materials noted above.
  - As discussed with COGCC, PAH concentrations exceeding Table 910-1 standards were indicative of background concentrations present within the Mahogany Zone of the Green River Formation.