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DOCUMENT #2216707

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



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 4. Contact Name: Anna Walls
2. Name of Operator: Marathon Oil Company
3. Address: 5555 San Felipe City: Houston State: TX Zip: 77396
5. API Number: 05-045-14737 OGCC Facility ID Number: 335710
6. Well/Facility Name: Pad 696-18A 7. Well/Facility Number
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SWNE Sec 18, T6S, 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

General Notice

CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)
CHANGE SPACING UNIT
CHANGE OF OPERATOR (prior to drilling):
CHANGE WELL NAME NUMBER
ABANDONED LOCATION:
NOTICE OF CONTINUED SHUT IN STATUS
SPUD DATE:
REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK
RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.

Technical Engineering/Environmental Notice

Notice of Intent
Report of Work Done
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
Casing/Cementing Program Change
Other: Pit Closure
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: Anna Walls Date: 9/6/11 Email: awalls@marathonoil.com
Print Name: Anna Walls Title: Regulatory Compliance Rep

COGCC Approved: Chris Canfield Title: FOR Date: 10/26/2011
CONDITIONS OF APPROVAL, IF ANY: Chris Canfield EPS NW Region

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TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: <u>53650</u>	API Number: _____
2. Name of Operator: <u>Marathon Oil Company</u>	OGCC Facility ID # _____
3. Well/Facility Name: <u>Pad 696-18A</u>	Well/Facility Number: _____
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWNE Sec. 18, T6S, R96W, 6th P.M.</u>	

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 696-18A, located in the SENW Sec. 18, T6S, R96W, 6th P.M.

As planned, the pit closure process included mixing the 18A pit materials with clean soil. The initial amended materials (samples 18A-AM1 through AM5 in Table 4) exceeded some COGCC Table 910-1 standards, so the amended materials were mixed with additional clean soil and again sampled (samples 18A-AM6 through AM10 described in Table 5). The following observations are based on the Pit 18A analytical results

- Topsail Samples (18A-TS1 and 18A-TS2) – The only exceedances of COGCC Table 910-1 standards were for arsenic, and the arsenic values were consistent with background concentrations
- Fill Samples (18A-F1 through 18A-F4) – Except for arsenic and single outliers for EC and benzo(A)pyrene, 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 (18A-SG1) – Except for pH, arsenic and select PAH compounds, there were no exceedances of COGCC Table 910-1 standards in the material below the pit liner. The pH value of 9.1, the arsenic concentration of 9.1 ppm, and the low PAH concentrations were considered rerepresentative of background conditions
- Amended Material Samples (18A-AM6 through 18A-AM10)
  - Arsenic concentrations averaged 15.3 ppm, which makes sense based on the arsenic concentrations measured in the fill that was mixed with the pit materials.
  - 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
  - TPH concentrations ranged from 439.6 to 586.1 ppm, except for sample 18A-AM9, which was 872.6 ppm and was considered an outlier. Excluding sample 18A-AM9, the average TPH concentration in the mixed pit/clean materials was 502.2 ppm, compared to the COGCC Table 910-1 standard of 500 ppm.

As noted above, Bolton had twice mixed the 18A pit materials with clean soil, and the resulting amended materials were characterized by BTEX concentrations well below the COGCC Table 910-1 standards. On October 21, 2010, the COGCC agreed that only a portion of the 18A pit materials required additional admixing. This supplemental admixing resulted in the concentrations shown in Table 6, which were acceptable based on COGCC criteria.