

#7470

FOR OGCC USE ONLY

FORM
27
Rev 6/99State of Colorado
Oil and Gas Conservation Commission

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

RECEIVED
12/19/2012

SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

OGCC Employee:

☒ Spill ☐ Complaint
☐ Inspection ☐ NOAV

Tracking No: 2230026

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

☐ Spill or Release ☐ Plug & Abandon ☐ Central Facility Closure ☐ Site/Facility Closure ☒ Other (describe): NFA

GENERAL INFORMATION

OGCC Operator Number: 47120		Contact Name and Telephone	
Name of Operator: Kerr-McGee Oil & Gas Onshore LP		Name: Paul Schneider	
Address: 1099 18th Street, Suite 1800		No: 720-929-6000	
City: Denver State: CO Zip: 80202		Fax: 720-929-7726	
API/Facility No: 05-123-34857		County: Weld	
Facility Name: Rattler 29N-34HZ		Facility Number:	
Well Name: Rattler 29N-34HZ		Well Number:	
Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW 34-T3N-R66W		Latitude: 40.174919 Longitude: -104.76838	

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc.):	Flowback Fluid
Site Conditions: Is location within a sensitive area (according to Rule 901e)?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N If yes, attach evaluation. Groundwater < 20 ft.
Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.):	Agriculture
Soil type, if not previously identified on Form 2A or Federal Surface Use Plan:	Unknown
Potential receptors (water wells within 1/4 mi, surface waters, etc.):	Surface water located approximately 1,450' northeast of the site, buildings located approximately 1,850' east and a water well located approximately 1,500' northeast of the site.
Description of Impact (if previously provided, refer to that form or document):	
Impacted Media (check):	Extent of Impact:
<input type="checkbox"/> Soils	Not Impacted
<input type="checkbox"/> Vegetation	
<input type="checkbox"/> Groundwater	Not Impacted
<input type="checkbox"/> Surface water	
	How Determined:

REMEDIATION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):

During well completion operations, a new operator for the trucking contractor left the manifold valve open on the flowback tank. When the next trucking operator arrived to transfer flowback fluid from the tank, he opened the valve on the tank before realizing the manifold valve had been left open. Approximately 10 bbls of flowback fluid were released onto lined secondary containment that was covered with sand.

Describe how source is to be removed:

A vacuum truck was used to recover approximately 9 bbls of flowback fluid from inside the lined containment berm. Once the completions equipment was moved off the location, the liner and approximately 21 cubic yards of impacted sand from above the liner were removed and transported to the Denver Regional Landfill in Erie, Colorado for disposal. The soil beneath the liner was not impacted by the release, therefore, no confirmation soil samples were collected.

Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:

The liner and impacted sand were and transported to the Denver Regional Landfill in Erie, Colorado for disposal.

State of Colorado
Oil and Gas Conservation Commission

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



Tracking Number: _____
Name of Operator: Kerr-McGee Oil & Gas Onshore LP
OGCC Operator No: 47120
Received Date: _____
Well Name & No: Rattler 29N-34HZ
Facility Name & No.: Rattler 29N-34HZ

REMEDIATION WORKPLAN (CONT.)

OGCC Employee: _____

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):

Groundwater was not impacted.

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

The site was restored to its pre-release grade.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? ☐ Y ☒ N If yes, describe:

No further remediation is required at this site. The soil beneath the liner was not impacted by the release, therefore, no confirmation soil samples were collected. Kerr-McGee is requesting a No Further Action status for this site.

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

The liner and impacted sand were and transported to the Denver Regional Landfill in Erie, Colorado for disposal.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: <u>8/3/12</u>	Date Site Investigation Completed: <u>9/28/12</u>	Remediation Plan Submitted: <u>12-19-12</u>
Remediation Start Date: <u>8/3/12</u>	Anticipated Completion Date: <u>9/28/12</u>	Actual Completion Date: <u>9-28-12</u>

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

Print Name: Paul D. Schneider

Signed: [Signature] Title: Senior Staff EHS Representative Date: 12-19-12

OGCC Approved: _____ Title: EPS Date: 12/19/2012

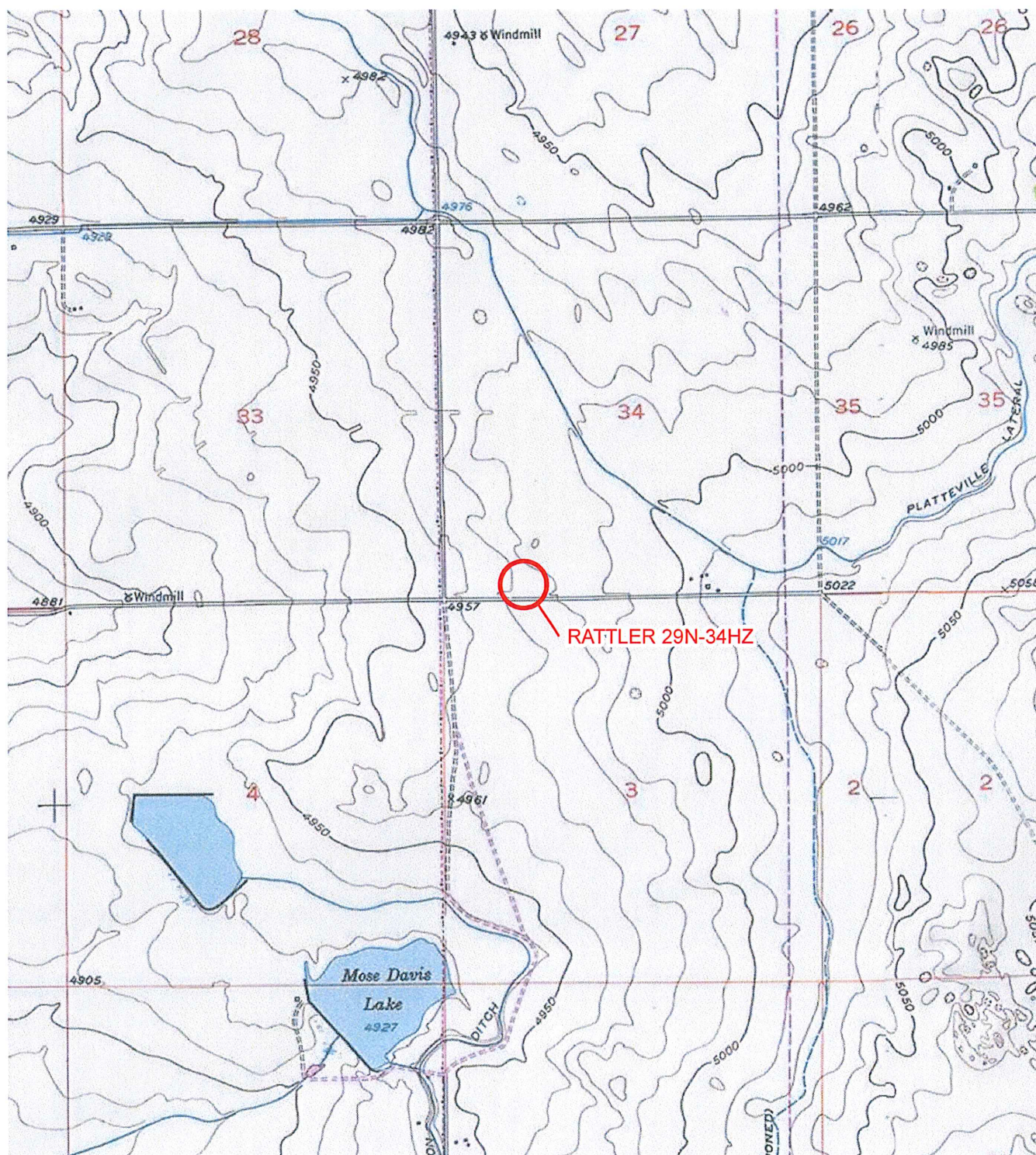


IMAGE COURTESY OF ESRI/USGS

LEGEND

○ SITE LOCATION

0 2,000 4,000
Feet



FIGURE 1
SITE LOCATION MAP
RATTLER 29N-34HZ
SESW 34-T3N-R66W
WELD COUNTY, COLORADO
KERR-MCGEE OIL AND GAS ONSHORE LP

