

**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
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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: 47120 Contact Name Phil Hamlin  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (970) 336-3500  
 Address: P O BOX 173779 Fax: (970) 336-3656  
 City: DENVER State: CO Zip: 80217-3779 Email: Phil.Hamlin@anadarko.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 22027 00 OGCC Facility ID Number: 271338  
 Well/Facility Name: WINDELL Well/Facility Number: 5-18  
 Location QtrQtr: SWNW Section: 18 Township: 2N Range: 66W Meridian: 6  
 County: WELD Field Name: WATTENBERG  
 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:

FNL/FSL		FEL/FWL	
1892	FNL	750	FWL

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

Current <b>Surface</b> Location <b>From</b>	QtrQtr	<u>SWNW</u>	Sec	<u>18</u>	Twp	<u>2N</u>	Range	<u>66W</u>	Meridian	<u>6</u>
New <b>Surface</b> Location <b>To</b>	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 <b>Top of Productive Zone</b> Location <b>From</b>	Sec		Twp		Range	
New <b>Top of Productive Zone</b> Location <b>To</b>	Sec		Twp		Range	

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


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

Current <b>Bottomhole</b> Location	Sec		Twp		Range		** attach deviated drilling plan
New <b>Bottomhole</b> Location	Sec		Twp		Range		

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 \_\_\_\_\_



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 10/27/2015

<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 type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases	

**COMMENTS:**

On November 12, 2013, corrosion was discovered along the Windell 5-18 flowline following a routine pressure test. Subsequent to the discovery of the corrosion, the well was not properly locked out, resulting in a release of approximately 1.5 barrels of oil and 0.5 barrels of produced water in two locations. Approximately 245 cubic yards of impacted material were excavated from two locations and transported to the Kerr-McGee Land Treatment Facility in Weld County, Colorado for disposal. Groundwater was encountered within each excavation area at approximately 4 feet below ground surface. Site assessment and remediation activities are detailed in the Form 27 submitted to the COGCC on February 29, 2016. The COGCC has assigned Remediation No. 9536 to this project.

Installation of groundwater monitoring points was delayed due to a seasonal bald eagle nest 1/2 mile buffer restriction. On September 30, 2015, three temporary monitoring wells (BH01 - BH03) were installed surrounding the eastern release area to verify that groundwater at the site was not impacted above the applicable COGCC standards. Groundwater samples were collected on October 27, 2015, and submitted to Origins Laboratory in Denver, Colorado for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) using USEPA Method 8260C. Analytical results for the groundwater samples collected from the three temporary monitoring wells confirmed that constituent concentrations were below the applicable COGCC Table 910-1 groundwater standards. Groundwater analytical results are summarized in Table 1. Temporary monitoring well locations and analytical results are illustrated in Figure 1, and a groundwater contour map is presented in Figure 2. The groundwater analytical report and well completion diagrams are included as attachments. Based on the groundwater analytical results presented herein, Kerr-McGee is requesting a no further action (NFA) determination for this site.

**CASING AND CEMENTING CHANGES**

Casing Type	Size	Of	/	Hole	Size	Of	/	Casing	Wt/Ft	Csg/LinTop	Setting Depth	Sacks of Cement	Cement Bottom	Cement Top

**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:**

Based on the data presented herein, Kerr-McGee is requesting an NFA determination for Remediation Project No. 9536.

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

Signed: \_\_\_\_\_ Print Name: Phil Hamlin  
Title: Senior HSE Representative Email: Phil.Hamlin@anadarko.com Date: \_\_\_\_\_

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

COGCC Approved: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

<b><u>COA Type</u></b>	<b><u>Description</u></b>

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)

**Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
401022404	OTHER
401022643	OTHER
401044758	OTHER

Total Attach: 3 Files