

# State of Colorado Oil and Gas Conservation Commission

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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 Cheryl Light  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6461  
 Address: P O BOX 173779 Fax: (720) 929-7461  
 City: DENVER State: CO Zip: 80217-3779 Email: cheryl.light@anadarko.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 16579 00 OGCC Facility ID Number: 248777  
 Well/Facility Name: GIRARD RED V V Well/Facility Number: 15-3D  
 Location QtrQtr: NESW Section: 15 Township: 1N Range: 67W Meridian: 6  
 County: WELD Field Name: WATTENBERG  
 Federal, Indian or State Lease Number: \_\_\_\_\_

Survey Plat		
Directional Survey		
Srvc 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 NESW Sec 15

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	
1648	FSL	1650	FWL
Twp 1N	Range 67W	Meridian 6	
Twp	Range	Meridian	
			**
Twp	Range		
Twp	Range		
			**
			** attach deviated drilling plan

**CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT**

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>

**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 GIRARD RED V V Number 15-3D 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: \_\_\_\_\_

**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 11/01/2015

☐ REPORT OF WORK DONE Date Work Completed \_\_\_\_\_

- |                                                                      |                                                                                                     |                                                        |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare                                                   | <input type="checkbox"/> E&P Waste Management Plan     |
| <input type="checkbox"/> Change Drilling Plan                        | <input checked="" 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 type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |                                                        |

## COMMENTS:

1 A GYRO survey was run 3/12/2014. Another is not needed.  
2 The most recent bradenhead report experienced 0 psi, and no liquids.  
3 Call foreman and/or field coordinator 24 hours before rig up to isolate any production equipment (remove plunger, wellhead automation, etc.). Prepare to move base beam rig onto location. Install fence if needed. Operations needs to bleed off the bradenhead pressure before the rig gets on location.  
4 Check and report surface casing pressure. If valve is not accessible at ground level, re-plumb so valve is at ground level.  
5 MIRU slickline. RIH to retrieve production equipment and tag for fill (last cleanout is unknown). Note tagged depth in OpenWells. RDMO slickline.  
6 MIRU WO rig. Kill well as necessary with water and biocide. ND wellhead. NU BOP.  
7 Unland 2-3/8" tbg and lay down landing joint.  
8 MIRU EMI services. EMI 2-3/8" tbg while TOO H and tally while standing back. Do not exceed safety tensile load of 53,000 lbs. Lay down joints that have greater than 35% penetration or wall loss. Replace all joints that fail EMI testing. Document joint numbers and depth of bad tubing and create a Production Equipment Failure report in OpenWells. RDMO EMI services.  
9 RIH and set RBP (10,000 psi rated, casing 4.5", 11.6#) at +/- 7525' (collars are located at 7511' and 7553').  
10 Pick up 1 joint above RBP, and circulate all gas out of the hole. Pumping water with biocide, pressure test RBP and production casing to 1,000 psi for 15 minutes. If pressure test passes, place 2 sxs of sand over the RBP and proceed; otherwise contact engineering. TOO H and SB 2-3/8" tubing. LD retrieving head.  
11 ND BOP, un-land 4-1/2" csg, RU dual-entry flange, NU BOP with 1-1/4" pipe rams. If casing cannot be safely un-landed, contact engineering for further support.  
12 PU and TIH with 49 jts 1-1/4" 2.33# IJ tbg to 1569'. Call Tod Haanes (cell# 303-929-2339) if you cannot land EOT to 1569'.  
13 Circulate Alcomer 74L mud flush intermittently in sweeps as the 1-1/4" tubing is TIH.  
14 MIRU cement company. Commence pumping cement job consisting of 465.5 cf (350 sxs) of Type III with 1/4 lb/sk cello-flake mixed at 14.8 ppg and 1.33 cuft/sk blended for a 3 hr pump time (1569' to 676' on the back side). Volume is based on 769' at 10" OH and 30% excess, and 124' within the surface casing and no excess.  
15 Break lines, and clean up with fresh water. RDMO cement company.  
16 Slowly PU tubing string and land EOT at +/- 676'. Reverse circulate with water so the TOC will be at +/- 676'. The goal is to have at least 100' of cement into the surface casing. The surface casing shoe is located at 800'.  
17 Circulate clean, and TOO H with 1-1/4" tubing. LD 1-1/4" tubing.  
18 ND BOP, ND dual entry flange, re-land 4-1/2" csg and ND existing tubing head off of 4-1/2" casing. Install new WHI 5,000 psi flanged tubing head complete with 5,000 psi casing valves and Double X Heavy nipples. Be sure all wellhead equipment is rated to 5,000 psi. NU BOP. Leave well shut in a minimum of 24 hours.  
19 MIRU wire line and run a CBL from 4400' to surface. Forward results to Tod.Haanes@Anadarko.com in Evans Engineering. RDMO WL rig.  
20 TIH with 2-3/8" tubing to the RBP.  
21 Circulate sand off the RBP. Latch onto and release RBP. TOO H standing back all 2-3/8" tubing and LD RBP.  
22 MIRU hydrotester.  
23 PU 2-3/8" NC, 2-3/8" XN nipple (be sure nipple is correctly input into OpenWells), 2-3/8" 4.7# tbg, Arrowset AS-1X packer rated to 10,000 psi, and 2-3/8" 4.7# tbg to surface. Hydrotest tubing to 6,000 psi while TIH. Set the packer at +/- 6800'. Land EOT at +/- 8052'.  
24 Load 2-3/8" x 4-1/2" annulus with biocide treated water and pressure test to 1,000 psi for 15 minutes to be sure packer is set properly.  
25 RU rig lubricator. Broach tubing to seating nipple. RD rig lubricator. ND BOP.

**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**

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**Operator Comments:**

26 Install 7-1/16" x 5,000 psi flanged tubing head adaptor with new 5,000 psi flanged master valve with threaded 2-3/8" connection. Make sure all wellhead valves are rated to 5,000 psi.

27 Install 2-3/8" seating nipple above the master valve. Pressure test the tubing head from below the tubing head through the master valve to 5,000 psi using hydrotester.

28 RDMO WO rig. Return well to production team.

29 END OF SAFETY PREP STEPS. BELOW ARE STEPS FOR UN-PREPPING THE WELL

30 When notification is sent to un-prepare the well, MIRU WO rig. Kill well as necessary with water and biocide. ND wellhead. NU BOP.

31 Unland 2-3/8" tbg and lay down landing joint.

32 Release Arrowset AS-1X packer and TOOH standing back all 2-3/8" tubing and LD packer. Return packer to shop it was purchased from and have the packer redressed.

33 MIRU wireline truck. Tag top of fill, and enter depth in Open Wells. RDMO wireline truck.

34 PU 2-3/8" NC, 2-3/8" XN nipple (be sure nipple is correctly input into OpenWells), and 2-3/8" 4.7# tbg to surface. If a cleanout is not necessary, proceed to Step 35. Otherwise, clean out sand fill as deep as possible (J Sand perfs are located from 8277'-8294').

35 Land EOT at +/- 8052'.

36 RU rig lubricator. Broach tubing to XN seating nipple. RD rig lubricator. ND BOP. NU WH.

37 Install 7-1/16" x 5,000 psi tubing head adaptor and 5,000 psi flanged master valve. Make sure all casing valves are 5,000 psi rated w/ Double X Heavy nipples. Make sure all wellhead valves are rated to 5,000 psi.

38 Install 2-3/8" seating nipple above the master valve. Pressure test the tubing head from below the tubing head through the master valve to 5,000 psi using hydrotester. If wellhead does not pressure test, replace wellhead/wellhead valves as necessary with 5,000 psi rated equipment.

39 NU WH. RDMO WO rig. Return well to production team.

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

Signed: \_\_\_\_\_ Print Name: Cheryl Light

Title: Sr. Regulatory Analyst Email: DJRegulatory@anadarko.com Date: 3/13/2015

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

COGCC Approved: SCHLAGENHAUF, MARK Date: 3/29/2015

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

	1) The additional cement referenced shall be placed as indicated and comply with Rule 317.j. The placed cement shall be verified with a CBL and documented with a Form 5 Drilling Completion Report.
	2) Please submit gyro survey data with Form 5 Drilling Completion Report.

**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)

**Attachment Check List**

**Att Doc Num**

**Name**

400808826	FORM 4 SUBMITTED
400808827	OTHER

Total Attach: 2 Files