

**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 |
| Document Number:<br><b>401507677</b> |    |    |    |
| Date Received:<br><b>02/07/2018</b>  |    |    |    |

**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: <u>96850</u>                        | Contact Name <u>Vicki Schoeber</u>  |
| Name of Operator: <u>TEP ROCKY MOUNTAIN LLC</u>           | Phone: <u>(970) 263-2721</u>        |
| Address: <u>PO BOX 370</u>                                | Fax: <u>( )</u>                     |
| City: <u>PARACHUTE</u> State: <u>CO</u> Zip: <u>81635</u> | Email: <u>vschoeber@terraep.com</u> |

  

|  |  |
|--|--|
| API Number : <u>05-</u> <u>045</u> <u>22638</u> <u>00</u>  | OGCC Facility ID Number: <u>439910</u> |
| Well/Facility Name: <u>Federal GM</u>  | Well/Facility Number: <u>24-11</u>     |
| Location QtrQtr: <u>NESW</u> Section: <u>11</u> Township: <u>7S</u> Range: <u>96W</u> Meridian: <u>6</u> |  |
| County: <u>GARFIELD</u> Field Name: <u>GRAND VALLEY</u>  |  |
| Federal, Indian or State Lease Number: <u>COC27874</u>   |  |

Complete the Attachment  
Checklist

OP OGCC

|                     |  |  |
|---------------------|--|--|
| 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: DIRECTIONAL (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 11

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 11

New **Top of Productive Zone** Location **To** Sec 11

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

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

Current **Bottomhole** Location Sec 11 Twp 7S

New **Bottomhole** Location Sec 11 Twp 7S

Is location in High Density Area? No

Distance, in feet, to nearest building 2406, public road: 4621, above ground utility: 2532, railroad: 5280,

property line: 1635, lease line: 1028, well in same formation: 400

Ground Elevation 5792 feet Surface owner consultation date \_\_\_\_\_

| FNL/FSL       |                  | FEL/FWL           |            |
|---------------|------------------|-------------------|------------|
| <u>2027</u>   | <u>FSL</u>       | <u>2256</u>       | <u>FWL</u> |
|               |                  |                   |            |
| Twp <u>7S</u> | Range <u>96W</u> | Meridian <u>6</u> |            |
| Twp _____     | Range _____      | Meridian _____    |            |
| <u>1264</u>   | <u>FSL</u>       | <u>2483</u>       | <u>FEL</u> |
| <u>1581</u>   | <u>FNL</u>       | <u>1568</u>       | <u>FWL</u> |
|               |                  |                   | <b>**</b>  |
| Twp <u>7S</u> | Range <u>96W</u> |                   |            |
| Twp <u>7S</u> | Range <u>96W</u> |                   |            |
| <u>1264</u>   | <u>FSL</u>       | <u>2483</u>       | <u>FEL</u> |
| <u>1581</u>   | <u>FNL</u>       | <u>1568</u>       | <u>FWL</u> |
|               |                  |                   | <b>**</b>  |

**\*\* 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 FEDERAL GM Number 24-11 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 04/01/2018

☐ 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 Mangement Plan      |
| <input checked="" 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 type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |

#### COMMENTS:

TEP Rocky Mountain LLC has elected to move the bottom hole location for this well. Attached please find a revised well location plat and directional plan. The casing/cement data has also been revised along with the TD.

Proposed total measured depth - 7088'

#### 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 |
|----------------|------|----|---|------|------|----|---|--------|-------|------------|---------------|-----------------|---------------|------------|
| Surface String | 13   | 1  |   | 2    | 9    | 5  |   | 8      | 32.3  | 0          | 1000          | 266             | 1000          | 0          |
| First String   | 8    | 3  |   | 4    | 4    | 1  |   | 2      | 11.6  | 0          | 7088          | 568             | 7088          | 3791       |

#### 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**

| <b><u>No</u></b> |                                | <b><u>BMP/COA Type</u></b> | <b><u>Description</u></b>   |
|------------------|--------------------------------|----------------------------|---|
| 1                | Drilling/Completion Operations |                            | To meet the Rule 317.p open-hole logging requirements on the GR 23-11V multi well pad, TEP will use logs from the existing Federal GR 23-11V well (API # 05-045-06811). All wells on the pad will have a cement bond log (CBL) with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs will state "No open-hole logs were run" and will clearly identify the type of log and the well (by API#) in which open-hole logs were run. |

Total: 1 comment(s)

**Operator Comments:**

Pre-set conductors were reported in Form 4 sundry notice (Doc #401140043) which was approved on 12/28/2017.  
There is no well belonging to another operator within 1,500 ft.  
Distance from completed portion of wellbore to the nearest lease line is 1,028 ft.  
BHL is now in lease COC24603 (2,221 ac), CA - COC 45093, Top of MV to Base of MV, 322 acres

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

Signed: \_\_\_\_\_ Print Name: Vicki Schoeber  
Title: Regulatory Specialist Email: vschoeber@terraep.com Date: 2/7/2018

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

COGCC Approved: BURGER, CRAIG Date: 2/14/2018

**CONDITIONS OF APPROVAL, IF ANY:****COA Type****Description**

|  |  |
|--|--|
|  |  |
|--|--|

**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>   | <b><u>Comment Date</u></b> |
|--------------------------|---|----------------------------|
| Engineer                 | Offset water well check: COGCC evaluated offset water wells within one mile of this proposed well's surface hole location. This information was used in addition to locally-available geophysical logs and hydrogeologic information to evaluate the adequacy of the operator's proposed surface casing setting depth. The deepest water well within one mile is 60 feet. | 02/14/2018                 |
| Permit                   | Returned to draft for directional data template.  | 02/06/2018                 |
| Permit                   | Returned to draft for cultural information.   | 02/06/2018                 |

Total: 3 comment(s)

**Attachment Check List**

| <b><u>Att Doc Num</u></b> | <b><u>Name</u></b>                  |
|---------------------------|-------------------------------------|
| 401507677                 | SUNDRY NOTICE APPROVED-LOC-DRLG-CSG |
| 401530341                 | DIRECTIONAL DATA                    |
| 401530342                 | DEVIATED DRILLING PLAN              |
| 401533155                 | OIL & GAS LEASE                     |
| 401535083                 | WELL LOCATION PLAT                  |
| 401545302                 | FORM 4 SUBMITTED                    |

Total Attach: 6 Files