

**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: <b>401669845</b>			
Date Received: <b>06/20/2018</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: 96850 Contact Name Vicki Schoeber  
Name of Operator: TEP ROCKY MOUNTAIN LLC Phone: (970) 263-2721  
Address: PO BOX 370 Fax: ( )  
City: PARACHUTE State: CO Zip: 81635 Email: vschoeber@terraep.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 045 00 OGCC Facility ID Number: 335304  
Well/Facility Name: CLOUGH-66S94W Well/Facility Number: 18NWSE  
Location QtrQtr: NWSE Section: 18 Township: 6S Range: 94W Meridian: 6  
County: GARFIELD Field Name: RULISON  
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 NWSE Sec 18

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	
1517	FSL	1923	FEL
Twp 6S	Range 94W	Meridian 6	
Twp	Range	Meridian	
			**
Twp	Range		
Twp	Range		
			**
Range			
Range			

\*\* attach deviated drilling plan

## 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 CLOUGH-66S94W Number 18NWSE 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 06/27/2018

☐ 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 Management 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 checked="" type="checkbox"/> Other <u>Use as Frac Pad</u>     | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |

## COMMENTS:

TEP Rocky Mountain LLC respectfully requests approval to re-construct the RMV 143-18 Pad to support remote frac operations for the 15 proposed wells on the DOE 1-M-18 pad (Loc ID #335744, Amended Form 2A Doc #401655680). New disturbance of approximately 0.08 ac will occur around the perimeter of the location. Top soil will be stripped and stock piled in windrows around the perimeter of the pad.

Temporary surface frac lines (3-4.5" steel; approx. 8565' ea.) will be installed between the RMV 143-18 pad and the DOE 1-M-18 pad. Temporary surface water supply lines (2-10" poly; approx. 4055' ea.) will be installed between an existing 10" water line and the RMV 143-18 pad. Water supply lines will generally follow existing lease roads and/or pipeline corridors. The Plan of Development for the DOE 1-M-18 pad is attached for additional details.

## 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:

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### **Best Management Practices**

**No BMP/COA Type****Description**

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## Operator Comments:

TEP Rocky Mountain LLC respectfully requests approval to re-construct the RMV 143-18 Pad to support remote frac operations for the 15 proposed wells on the DOE 1-M-18 pad (Loc ID #335744, Amended Form 2A Doc #401655680).

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: 6/20/2018

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

COGCC Approved: KUBECZKO, DAVE Date: 7/30/2018

### **CONDITIONS OF APPROVAL, IF ANY:**

**COA Type****Description**

	<p>Planning: The following COAs will apply:</p> <p>COA 91 - In addition to the notifications required by COGCC listed in the Northwest Notification Policy (Notice of Intent to Construct a New Location and Notice of Intent to Commence Hydraulic Fracturing Operations) and Rule 316C. COGCC Form 42. FIELD OPERATIONS NOTICE (a. Notice of Intent to Conduct Hydraulic Fracturing Treatment and c. Notice of Construction or Major Change); operator shall notify the COGCC 48 hours prior to onsite flowline/pipeline testing (any temporary surface lines used for hydraulic stimulation and/or flowback operations) using the Form 42 (as described in Rule 316C.m. Notice of Completion of Form 2/2A Permit Conditions). The appropriate COGCC individuals will automatically be email notified.</p> <p>COA 92 - Prior to first use, operator shall submit a Site Drawing showing the location of the temporary frac tanks and any transfer pumps on this oil and gas location.</p> <p>COA 93 - Operator shall provide a Reference Area Map and Reference Area Pictures consisting of four (4) color photographs of the reference area, taken during the growing season of vegetation and facing each cardinal direction, within twelve (12) months after approval of the Form 4 Sundry Notice. Each photograph shall be identified by date taken, well or Oil and Gas Location name, and direction of view.</p> <p>COA 94 - The remote frac pad facility shall be in operation for no longer than three (3) years. The three year time clock will start from the date of first use based on submittal of the Form 42 providing that date.</p> <p>COA 95 - The approved Form 4 #401669845 for this location will be posted onsite during construction, temporary surface pipeline placement and operations, remote frac pad water storage and water transfer operations, and demobilization.</p>
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	<p>Construction: The following COAs will apply:</p> <p>COA 23 - Operator must ensure secondary containment for any volume of fluids contained at the well site during completion operations; including, but not limited to, re-construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site re-grading, or other comparable measures (i.e., best management practices [BMPs] associated with fluid containment/control as well as stormwater management for the control of run-on and run-off) sufficiently protective of nearby surface water.</p> <p>COA 27 - Operator shall stabilize exposed soils and slopes as an interim measure during temporary frac pad operations at this site.</p> <p>COA 28 - Additional containment shall be required where temporary or permanent pumps and other necessary equipment or chemicals are located on the frac pad site.</p> <p>COA 29 - Operator will use adequately sized containment devices for all chemicals and/or hazardous materials stored or used on location.</p>
	<p>Completions: The following COAs will apply:</p> <p>COA 25 - No open top tanks can be used for water storage, water transfer, or initial flowback fluids containment. The entire pad will be surrounded by a berm with a drainage ditch constructed interior to that berm in order to contain any potential release on the temporary frac pad. Any fluid in the interior drainage ditch would be contained in the ditch until clean up.</p> <p>COA 26 - If the 'temporary remote frac pad facility' needs to be used during the next drilling / completion season at additional oil and gas locations, or if there is more than 90 days between use, all tanks and equipment containing fluids must be drained, cleaned, and tagged as temporarily decommissioned (i.e., each tank, vessel, and piece of equipment must have a sign indicating it is empty, clean, and out of use [indicating the date]).</p>
	<p>Spill / Release Response: The following COAs will apply:</p> <p>COA 73a - An emergency spill response program that includes employee training, safety and maintenance provisions and current contact information for BLM, COGCC, and CPW personnel will be implemented during water storage and water transfer operations. In the event of a spill or release, the operator shall immediately implement the emergency response procedures in the above described emergency response program. All personnel working at the location during all water storage and water transfer operations will receive training on spill response and reporting.</p> <p>COA 73b - A spill response trailer or spill response equipment and supplies will be available near the location 24 hours a day, 7 days a week during construction, drilling, and completion operations (the trailer should be able to reach the site within 45 to 60 minutes after an incident).</p> <p>COA 73c - Appropriate heavy equipment (e.g., a backhoe) will be staged at or near the location during all water transfer operations so that any emergency diversions or pits to contain spills can be built immediately upon discovery.</p>
	<p>Emissions Mitigation: The following COA will apply:</p> <p>COA 26 - Potential odors associated with the remote frac pad water storage and water transfer operations during the completions process at nearby well pads must be controlled/mitigated.</p>

Material Handling and Spill Prevention: The following COAs will apply to this Form 4 Sundry Notice if any temporary surface (COAs 45, 49, 54, and 55) or buried permanent offsite pipelines (poly or steel) are used during completion operations at this oil and gas location:

COA 45 - Operator shall pressure test pipelines (pipelines from offsite storage tanks and any temporary surface lines used for hydraulic stimulation and/or flowback operations) in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network, and tested annually, unless agreed to by both parties that the flowlines can be managed under an approved COGCC variance.

COA 49 - Operator must routinely inspect the entire length of the surface pipeline to ensure integrity. Operator shall conduct daily inspections of surface poly pipeline routes for leaks during active transfer of fluids and implement best management practices to contain any unintentional release of fluids along all portions of the surface pipeline route where temporary pumps and other necessary equipment are located. Inspections shall be conducted by viewing the length of the pipeline; operator will endeavor to minimize surface disturbance during pipeline monitoring. In addition, pump stations along the surface poly or steel pipeline route will be continuously monitored when operating in order to swiftly respond to such a failure.

COA 54 - Operator will implement BMPs necessary to mitigate a potential for a release of fluids to impact streams, intermittent streams, ditches, and drainage crossings. For these crossings: if poly pipe is used on the surface, operator will ensure appropriate containment by either installing over-sized pipe "sleeves" which extend the length of the crossing and beyond to a distance deemed adequate to capture (catchment basins) and/or divert any possible release of fluids and prevent fluids from reaching the stream or drainage; installing over-sized pipe "sleeves" which extend the length of the crossing and installing shut off valves on either side of crossing instead of catchment basins; or develop an alternative means for containment. For all other pipeline materials, operator will implement BMPs necessary to mitigate a potential for E&P fluids not to reach groundwater or flowing surface water.

COA 55 - Operator will utilize, to the extent practical, all existing access and other public roads, and/or existing pipeline right-of-ways, when placing/routing the temporary surface pipelines. This will reduce surface disturbance and fragmentation of wildlife habitat in the area.

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Routing Review	A task has been opened for the Regional OGLA Specialist to review the information provided by the operator.	06/21/2018

Total: 1 comment(s)

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
401669845	SUNDRY NOTICE APPROVED-OTHER
401675312	CONST. LAYOUT DRAWINGS
401675314	OTHER
401675497	OTHER
401718680	FORM 4 SUBMITTED

Total Attach: 5 Files