FORM 4
Rev 02/20

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: 402293954

Date Received: 01/24/2020

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 Jeff Kirtland
Name of Operator: TEP ROCKY MOUNTAIN LLC Phone: (970) 263-2736
Address: PO BOX 370 Fax: ( )
City: PARACHUTE State: CO Zip: 81635 Email: jkirtland@terraep.com

Complete the Attachment Checklist

API Number : 05- 045 00 OGCC Facility ID Number: 454686
Well/Facility Name: STARKEY Well/Facility Number: 14-28-696
Location QtrQtr: SWSW Section: 28 Township: 6S Range: 96W Meridian: 6
County: GARFIELD Field Name: PICEANCE HORIZONTAL NIOBRARA
Federal, Indian or State Lease Number:

	OP	OGCC
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 _____ GPS Quality Value: _____ Type of GPS Quality Value: PDOP Measurement Date: _____

Longitude _____ GPS Instrument Operator's Name _____

LOCATION CHANGE **(all measurements in Feet)**

Well will be: _____ (Vertical, Directional, Horizontal)

	FNL/FSL		FEL/FWL		
Change of **Surface** Footage **From** Exterior Section Lines:					
Change of **Surface** Footage **To** Exterior Section Lines:					

Current **Surface** Location **From**	QtrQtr	Sec	Twp	Range	Meridian
New **Surface** Location **To**	QtrQtr	Sec	Twp	Range	Meridian

	FNL/FSL		FEL/FWL		
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	Twp	Range
New **Top of Productive Zone** Location **To**	Sec	Twp	Range

	FNL/FSL		FEL/FWL		
Change of **Bottomhole** Footage **From** Exterior Section Lines:					
Change of **Bottomhole** Footage **To** Exterior Section Lines:					**

Current **Bottomhole** Location	Sec	Twp	Range	** attach deviated drilling plan
New **Bottomhole** 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 _____

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 STARKEY Number 14-28-696 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 02/25/2020

☐ REPORT OF WORK DONE Date Work Completed _____

☐ Intent to Recomplete (Form 2 also required)	☐ Request to Vent or Flare	☐ E&P Waste Mangement Plan
☐ Change Drilling Plan	☐ Repair Well	☐ Beneficial Reuse of E&P Waste
☐ Gross Interval Change	☐ Rule 502 variance requested. Must provide detailed info regarding request.	
☒ Other Water Share Agmt	☐ Status Update/Change of Remediation Plans for Spills and Releases	

COMMENTS:

Per previous discussions with Alex Fischer, Caerus and TEP (Parties) have extended the Temporary Surface Water Pipeline ROW agreement, initially effective summer of 2019 and submitted with the previous water share request. This agreement is recorded and the Parties respectfully request approval of the attached and below summarized water plan. The plan itself, the recorded agreement extension and a copy of the water analysis are attached to this submission.

This agreement is beneficial to all parties involved, along with the residents of the State of Colorado in that it promotes beneficial reuse of an otherwise waste stream. TEP will have less water to dispose of and Caerus will need to access less fresh surface water. The Parties request that the water share plan be in effect until December 31, 2020.

Custody of the produced water will transfer at the Starkey Production Pit 14-28-696 (CE&P Facility ID 454686, Pit ID 414554) located in Sec 28, T6S-R96W (the “Custody Transfer Point”); latest water analysis is attached. The lat/long for the Custody Transfer Point is approximately: 39°29’19.4” N, 108°07’13.3” W. Caerus will assume regulatory responsibility upon entry of the water into pump that Caerus will operate on the Starkey Production Pit Site. Water, drawn from the pit, will be transferred, by a combination of both surface and buried pipelines, to the North Parachute Ranch EP Waste Mgmt Facility (i.e. Middlefork) (I.D. #120803). Produced water will be transferred from Middlefork (I.D. 120803), located in Lot 13 and 14 of Section 30, Township 5S, Range 95W of the 6th P.M., via Caerus pipelines to completions operations at the following locations:
o A24 (I.D. #458475) located in NWNW and Lot 4 of Section 24, Township 4S, Range 96W of the 6th P.M.
o E34 (I.D. #335928) located in SWNW of Section 34, Township 4S, Range 96W of the 6th P.M.
o L27 (I.D. #335939) located in NWSW of Section 27, Township 4S, Range 96W of the 6th P.M.
o O04 (I.D. #414231) located in Lot 9 of Section 4, Township 6S, Range 96W of the 6th P.M.
o J14 (I.D. #467272) located in NESW of Section 14, Township 4S, Range 96W of the 6th P.M.

En route to locations, water may make a stop at the Divide Road Water Treatment Facility (ID #432214).

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:

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

Signed: _____ Print Name: Jeff Kirtland

Title: Regulatory Lead Email: jkirtland@terraep.com Date: 1/24/2020

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

COGCC Approved: FISCHER, ALEX Date: 3/6/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description
	Provide documentation that the CAs in inspection Document Number 699700100 have been addressed.
	TERMINATION OF ACTIVITIES: BOTH CAERUS AND TEP SHALL NOTIFY THE COGCC VIA SUNDRY IMMEDIATELY UPON TERMINATION OF ACTIVITIES.
	Within 6-months of completion of the Water Share, all temporary above ground conveyance lines, pumps, valves, and any other associated equipment and materials shall be removed and areas reclaimed.
	CAERUS AND TEP WILL EACH SEPERATELY SUBMIT AN ANNUAL REPORT TO THE COGCC SUMMARIZING THE TRANSFER OF PRODUCTION WATER (BOTH AS TRANSFER AND RECEIVING OPERATOR) DURING THE CALENDAR YEAR AND INCUDING LABORATORY ANALYTICAL RESULTS FOR REPRESENTATIVE SAMPLES(S) OF THE PRODUCTION WATER PROVIDED AS THE TRANSFER/RECIEVER. THE ANNUAL REPORT SHALL BE SUBMITTED ON OR BEFORE THE ANNIVERSAY OF THE FIRST DATE OF TRANSFER AND CAN BE PART OF THE ANNUAL REPORT FOR FACILITY ID 454680.
	PRODUCED WATER OR FLOWBACK WATER OR OTHER EXPLORATION AND PRODUCTION WASTE SHALL NOT BE TEMPORARILY STORED IN MODULAR LARGE VOLUME STORAGE TANKS (MLVSTs). PRODUCED WATER OR FLOWBACK WATER SHALL BE TEMPORARILY STORED IN FRAC TANKS.
	OPERATOR MUST IMPLEMENT BEST MANAGEMENT PRACTICES TO CONTAIN CONVEYED VIA TEMPORARY SURFACE PIPELINES.
	Elevate pipes and hoses to prevent direct contact with liner and remove foreign debris (angular rocks) to maintain liner integrity, per Rule 904.b.(2).

General Comments

User Group	Comment	Comment Date
Environmental	Custody Point within center of the Starkey Pit. Is the 34,084 (6.4 mile) steel line buried? Last Inspection Date: August 2, 2019	01/27/2020
Environmental	A task has been opened for the Environmental Group to review the information provided by the operator.	01/24/2020

Total: 2 comment(s)

Attachment Check List

Att Doc Num	Name
402293954	SUNDRY NOTICE APPROVED-OTHER
402293995	OTHER
402293996	OPERATIONS SUMMARY
402293997	ANALYTICAL RESULTS
402335486	FORM 4 SUBMITTED

Total Attach: 5 Files