

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: 402593377			
Date Received:			

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 24098 00 OGCC Facility ID Number: 457399
 Well/Facility Name: PUCKETT Well/Facility Number: GM 434-8
 Location QtrQtr: NESW Section: 8 Township: 7S Range: 96W Meridian: 6
 County: GARFIELD Field Name: GRAND VALLEY
 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 _____ GPS Quality Value: _____ Type of GPS Quality Value: _____ Measurement Date: _____
 Longitude _____

LOCATION CHANGE (all measurements in Feet)

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

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

	FNL/FSL		FEL/FWL
	2226	FSL	2216
			FWL

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

--	--	--	--

Current **Surface** Location **From** QtrQtr NESW Sec 8

Twp	<u>7S</u>	Range	<u>96W</u>	Meridian	<u>6</u>
-----	-----------	-------	------------	----------	----------

New **Surface** Location **To** QtrQtr _____ Sec _____

Twp	_____	Range	_____	Meridian	_____
-----	-------	-------	-------	----------	-------

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

	216	FSL	1750	FWL
--	-----	-----	------	-----

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

				**
--	--	--	--	----

Current **Top of Productive Zone** Location **From** Sec 8

Twp	<u>7S</u>	Range	<u>96W</u>
-----	-----------	-------	------------

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

Twp	_____	Range	_____
-----	-------	-------	-------

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

	162	FSL	1730	FWL
--	-----	-----	------	-----

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

				**
--	--	--	--	----

Current **Bottomhole** Location Sec 8 Twp 7S Range 96W

** 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 _____

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 PUCKETT Number GM 434-8 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 02/11/2021

REPORT OF WORK DONE Date Work Completed _____

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

COMMENTS:

TEP Rocky Mountain LLC (TEP) requests a waiver of the top of cement COA applied to the Puckett GM 434-8 that requires cement coverage from the production casing shoe (4+1/2" FIRST STRING) to a minimum of 200 ft. above the Mesaverde or Ohio Creek if present. The COGCC was notified of Low TOC prior to completions operations on 11/4/2019. Based on the attached Mesaverde Water Evaluation, TEP believes that the intent of the COA has been met as there is de minimis potential for fluid migration between any gas or water bearing formations and/or coalbeds in the uncemented interval of the well.

Echometer results show there is a constant fluid level present in the production casing annulus, which is an indication of no fluid cross-zone flow. An echometer reading was taken on 2/9/2021 and showed a fluid level of approximately 771 ft above the surface casing shoe. The bradenhead pressure on the well during the echometer test was 3 psi on 2/9/2021. The presence of static bradenhead pressure suggests the gas and fluid column is static.

The permeability of the Ohio Creek formation is estimated to be 10^-3md. The nearest Ohio Creek core is believed to be cut in the Cascade Creek 629-1 (Laramie) well, however, TEP does not have access to this core. There is no Ohio Creek core data available in the USGS core library. TEP does not produce hydrocarbons from the Ohio Creek within Section 8 T7S R96W. There are no reported producing Ohio Creek wells within a 5 mile radius of this well. As a non-producing interval, no water samples have been collected nor are there any TDS analysis available. There are no active injections reported into the Ohio Creek in the TEP operated Grand Valley Field.

Comment on Mechanical Integrity: TEP believes that when a well has low static bradenhead pressure and adequate cement coverage above the shallowest perforation, introducing squeeze perforations above the cement top introduces risk for cross flow. Squeeze perfs are more likely to lose mechanical integrity than new casing over the life of the well due to normal operations. Unless there are sources of bradenhead pressure behind the casing to attempt to eliminate, TEP does not encourage compromising the mechanical integrity of new casing by creating cement perforations. Top of Cement is 4410 ft, and top of last perforation is 5214 ft. TEP has 804 ft of cement over the top perforation, which we believe to be adequate cement over the top perforation. Our recommendation would be to not remediate low TOC for this well. If we experience an increase in bradenhead pressure, we will address the issue accordingly, which may include remediation.

CASING PROGRAM

(No Casing Provided)

POTENTIAL FLOW AND CONFINING FORMATIONS

(No Casing Provided)

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: Vicki Schoeber _____

Title: Regulatory Specialist Email: vschoeber@terraep.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:

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

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402593642	OTHER

Total Attach: 1 Files