

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
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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: 10542 Contact Name Paul Gottlob
 Name of Operator: CUB CREEK ENERGY Phone: (720) 420-5747
 Address: 200 PLAZA DRIVE SUITE 100 Fax: ()
 City: HIGHLANDS RANCH State: CO Zip: 80129 Email: paul.gottlob@iptenergyservices.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 43129 00 OGCC Facility ID Number: 445615
 Well/Facility Name: Haley Well/Facility Number: 6HZ
 Location QtrQtr: NWSW Section: 20 Township: 3N Range: 68W 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: HORIZONTAL (Vertical, Directional, Horizontal)

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

FNL/FSL		FEL/FWL	
<u>1996</u>	<u>FSL</u>	<u>730</u>	<u>FWL</u>

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

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Current **Surface** Location **From** QtrQtr NWSW Sec 20

Twp 3N Range 68W Meridian 6

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

Twp _____ Range _____ Meridian _____

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

<u>1161</u>	<u>FSL</u>	<u>460</u>	<u>FWL</u>
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Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

<u>1325</u>	<u>FSL</u>	<u>460</u>	<u>FWL</u>	**
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Current **Top of Productive Zone** Location **From** Sec 20

Twp 3N Range 68W

New **Top of Productive Zone** Location **To** Sec 20

Twp 3N Range 68W

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

<u>1161</u>	<u>FSL</u>	<u>460</u>	<u>FEL</u>
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Change of **Bottomhole** Footage **To** Exterior Section Lines:

<u>1325</u>	<u>FSL</u>	<u>460</u>	<u>FEL</u>	**
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Current **Bottomhole** Location Sec 20 Twp 3N Range 68W

** attach deviated drilling plan

New **Bottomhole** Location Sec 20 Twp 3N Range 68W

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 _____

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 11/01/2016

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:

Adjusting directional path slightly and TD to 11,643', change to TPZ & BHL, updated casing data entered on same tab. Same Formation.

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
Conductor Casing	26				16				43	0	80	400	80	0
Surface String	13	1		2	9	5		8	36	0	1500	681	1500	0
First String	8	1		2	5	1		2	17	0	11643	2057	11643	

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:

<u>Best Management Practices</u>	
<u>No BMP/COA Type</u>	<u>Description</u>

Operator Comments:

Adjusting directional path slightly and TD to 11,643', change to TPZ & BHL, updated casing data entered on tab, does not affect the PSU. No change to Formation.
 Updated Directional Data & Deviated Drilling Plan & Plat attached.
 Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation: 317' to Haley 8HZ.
 Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator (Top Operating), including plugged wells: 6' to Haley 3.

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

Signed: _____ Print Name: Paul Gottlob
 Title: Regulatory & Engin. Tech. Email: paul.gottlob@iptenergyservices.com Date: 10/4/2016

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

COGCC Approved: GARRISON, PENNY Date: 11/14/2016

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

	Bradenhead tests shall be performed according to the following schedule and the Form 17 submitted within 10 days of each test: 1) Within 60 days of rig release and prior to stimulation and 2) If a delayed completion, 6 months after rig release and prior to stimulation. 3) Within 30 days after first production, as reported on Form 5A.
	1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU (spud notice) for the first well activity with a rig on the pad and provide 48 hour spud notice via Form 42 for all subsequent wells drilled on the pad. 2) Comply with Rule 317.j. and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 3) This Form 4 makes changes to the approved Form 2 and must be displayed with the Form 2 while drilling.

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Permitting Review Complete.	11/14/2016
Engineer	Received stimulation setback consent from Top Operating via email from Paul Gottlob.	10/11/2016
Engineer	ON HOLD- Need stimulation setback consent. "Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator (Top Operating), including plugged wells: 6' to Haley 3."	10/06/2016
Engineer	Offset wells were evaluated by previous Engineer during Form 2 review and approval.	10/06/2016

Total: 4 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401115042	SUNDRY NOTICE APPROVED-LOC-DRLG-CSG
401115093	WELL LOCATION PLAT
401120559	DIRECTIONAL DATA
401120562	DEVIATED DRILLING PLAN
401148765	FORM 4 SUBMITTED

Total Attach: 5 Files