

State of Colorado Oil and Gas Conservation Commission

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| | | | |
|--------------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: <u>402443832</u> | | | |
| Date Received: <u>07/20/2020</u> | | | |

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>10542</u> | Contact Name <u>DAN BERBERICK</u> |
| Name of Operator: <u>CUB CREEK ENERGY</u> | Phone: <u>(303) 918-3098</u> |
| Address: <u>200 PLAZA DRIVE SUITE 100</u> | Fax: <u>()</u> |
| City: <u>HIGHLANDS RANCH</u> State: <u>CO</u> Zip: <u>80129</u> | Email: <u>dan.berberick@cub-creek.com</u> |

| | |
|--|--|
| API Number : <u>05-</u> <u>123</u> <u>47911</u> <u>00</u> | OGCC Facility ID Number: <u>457376</u> |
| Well/Facility Name: <u>KNIGHT</u> | Well/Facility Number: <u>5</u> |
| Location QtrQtr: <u>SWNE</u> Section: <u>30</u> Township: <u>3N</u> Range: <u>68W</u> Meridian: <u>6</u> | |
| County: <u>WELD</u> Field Name: <u>WATTENBERG</u> | |
| Federal, Indian or State Lease Number: <u></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 40.197960 GPS Quality Value: 2.3 Type of GPS Quality Value: PDOP Measurement Date: 10/18/2017
Longitude -105.041970 GPS Instrument Operator's Name Brian Rottinghaus

LOCATION CHANGE (all measurements in Feet)

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

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

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

Current **Surface** Location **From** QtrQtr SWNE Sec 30

New **Surface** Location **To** QtrQtr SWNE Sec 30

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 30

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 6 Twp 2N

New **Bottomhole** Location Sec Twp

Is location in High Density Area?

Distance, in feet, to nearest building 633, public road: 729, above ground utility: 548, railroad: 5280,

property line: 230, lease line: 460, well in same formation: 165

Ground Elevation 4995 feet Surface owner consultation date

| FNL/FSL | | FEL/FWL | |
|------------------|------------------|-------------------|------------|
| <u>2138</u> | <u>FNL</u> | <u>1558</u> | <u>FEL</u> |
| <u>2108</u> | <u>FNL</u> | <u>1558</u> | <u>FEL</u> |
| Twp <u>3N</u> | Range <u>68W</u> | Meridian <u>6</u> | |
| Twp <u>3N</u> | Range <u>68W</u> | Meridian <u>6</u> | |
| <u>1782</u> | <u>FNL</u> | <u>990</u> | <u>FEL</u> |
| <u></u> | <u></u> | <u></u> | <u></u> |
| Twp <u>3N</u> | Range <u>68W</u> | | |
| Twp <u></u> | Range <u></u> | | |
| <u>2060</u> | <u>FNL</u> | <u>990</u> | <u>FEL</u> |
| <u></u> | <u></u> | <u></u> | <u></u> |
| Range <u>68W</u> | | | |
| Range <u></u> | | | |

**

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** 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> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|
| NIOBRARA | NBRR | 407-2380 | 1440 | Sec 6, 30, 31 |

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 KNIGHT Number 5 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 08/01/2020

☐ 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:

Request to change the SHL and Objective Formation, requiring Casing & Cement & MD updates. Updated Plat, Directional Data, & Deviated Drilling Plan attached.

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 | 839 | 1500 | 0 |
| First String | 8 | 1 | | 2 | 5 | 1 | | 2 | 17 | 0 | 18228 | 3252 | 18228 | 0 |

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

| <u>No</u> | | <u>BMP/COA Type</u> | <u>Description</u> |
|------------------|--|----------------------------|---------------------------|
| | | | |

Operator Comments:

Request to change the SHL and Objective Formation, requiring Casing & Cement & MD updates. Updated Plat, Directional Data, & Deviated Drilling Plan attached.

Distance to nearest well in the same formation is to the KNIGHT 6: 165', Measurement determined using 3D SYSDRILL SOFTWARE.

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: 7/20/2020

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

COGCC Approved: Haverkamp, Curtis Date: 8/10/2020

CONDITIONS OF APPROVAL, IF ANY:

| <u>COA Type</u> | <u>Description</u> |
|-----------------|---|
| | <p>Operator acknowledges the proximity of the listed wells. Operator assures that this offset will be remediated per the DJ Basin Horizontal Offset Policy (option 4). Operator will submit a Form 42 ("OTHER – AS SPECIFIED BY PERMIT CONDITION") stating that appropriate mitigation will be completed, during the hydraulic stimulation of this well. This Form 42 shall be filed 48 hours prior to stimulation. A downhole plug will be set above the Niobrara formation top. A Bradenhead test will be performed on the offset wells listed below within 30 days prior to the beginning of stimulation of this well. Surface and production casing pressures of this offset well list will be actively monitored during stimulation of this well. Operator will assure that the offset well's bradenhead is open and actively monitored during the entire stimulation treatment of this pad and monitored for any evidence of fluid. If there is indication of communication between the stimulation treatment and an offset well, treatment will be stopped and COGCC Engineering notified.</p> <p>(123-37399) SRC Union #C-5NHZ (123-38451) SRC Union #C-5CHZ (123-37396) SRC Union #12-5CHZ (123-37400) SRC Union #12-5NHZ (123-37397) SRC Union #A-5NHZ (123-37398) SRC Union #A-5CHZ</p> |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|---------------------|
| Permit | Formation updated in well update to NBRR . | 07/21/2020 |

Total: 1 comment(s)

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|---|
| 402443832 | SUNDRY NOTICE APPROVED-LOC-OBJ-DRLG-CSG |
| 402443918 | WELL LOCATION PLAT |
| 402443919 | DEVIATED DRILLING PLAN |
| 402443920 | DIRECTIONAL DATA |
| 402462596 | FORM 4 SUBMITTED |

Total Attach: 5 Files