

# State of Colorado Oil and Gas Conservation Commission

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|                                      |    |    |    |
|--------------------------------------|----|----|----|
| DE                                   | ET | OE | ES |
| Document Number:<br><b>402757478</b> |    |    |    |
| 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: 10071 Contact Name Gabe Findlay  
Name of Operator: HIGHPOINT OPERATING CORPORATION Phone: (720) 440-6163  
Address: 555 17TH ST STE 3700 Fax: ( )  
City: DENVER State: CO Zip: 80202 Email: GFindlay@bonanzacrk.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 51289 00 OGCC Facility ID Number: 478350  
Well/Facility Name: Anschutz Equus Farms Well/Facility Number: 4-62-21-5764C  
Location QtrQtr: NESE Section: 21 Township: 4N Range: 62W 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 \_\_\_\_\_ 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:

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

Current **Surface** Location **From** QtrQtr NESE Sec 21

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 21

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 20 Twp 4N

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           |            |
|---------------|------------------|-------------------|------------|
| <u>2377</u>   | <u>FSL</u>       | <u>923</u>        | <u>FEL</u> |
| _____         | _____            | _____             | _____      |
| Twp <u>4N</u> | Range <u>62W</u> | Meridian <u>6</u> |            |
| Twp _____     | Range _____      | Meridian _____    |            |
| <u>500</u>    | <u>FSL</u>       | <u>460</u>        | <u>FEL</u> |
| _____         | _____            | _____             | _____      |
| Twp <u>4N</u> | Range <u>62W</u> |                   |            |
| Twp _____     | Range _____      |                   |            |
| <u>500</u>    | <u>FSL</u>       | <u>400</u>        | <u>FWL</u> |
| _____         | _____            | _____             | _____      |
|               |                  |                   | **         |

\*\* 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> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|
|                            |                       |                             |                     |                           |

**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 ANSCHUTZ EQUUS FARMS Number 4-62-21-5764C 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 (Form 2) – 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    09/01/2021

☐ 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"/> Bradenhead Plan                             | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |
| <input type="checkbox"/> Other _____                                 |   |  |

**COMMENTS:**

This sundry notice is being submitted to revise the following portions of the Drilling Program: Casing/Cement Plan, Drilling Mud Program, and Drilling Waste Management Program. The updates to the casing and cement plan include changing this well to a monobore well with surface and production string only. The updates to the Drilling Mud Program Include utilizing both water and oil-based mud to drill out the wellbore, see waste management plan for details. The updates to the Drilling Waste Management Program include changing to a recycle/reuse program for drilling fluids and commercial disposal of drill cuttings, please see the attached waste management plan for details.

**CASING PROGRAM**

| <u>Casing Type</u> | <u>Size of Hole</u> | <u>Size of Casing</u> | <u>Grade</u> | <u>Wt/Ft</u> | <u>Csg/Liner Top</u> | <u>Setting Depth</u> | <u>Sacks Cmt</u> | <u>Cmt Btm</u> | <u>Cmt Top</u> |
|--------------------|---------------------|-----------------------|--------------|--------------|----------------------|----------------------|------------------|----------------|----------------|
| SURF               | 13+1/2              | 9+5/8                 | J-55         | 36           | 0                    | 1600                 | 511              | 1600           | 0              |
| 1ST                | 8+1/2               | 5+1/2                 | P-110        | 20           | 0                    | 16828                | 2951             | 16828          | 0              |

**POTENTIAL FLOW AND CONFINING FORMATIONS**

| <u>Zone Type</u>  | <u>Formation /Hazard</u>  | <u>Top M.D.</u> | <u>Top T.V.D.</u> | <u>Bottom M.D.</u> | <u>Bottom T.V.D.</u> | <u>TDS (mg/L)</u> | <u>Data Source</u>       | <u>Comment</u>   |
|-------------------|---------------------------|-----------------|-------------------|--------------------|----------------------|-------------------|--------------------------|--|
| Groundwater       | Alluvium                  | 0               | 0                 | 79                 | 79                   | 501-1000          | USGS                     | Sampled well ~3.6 miles away (USGS DWQ Station SB00406224BDD)                                      |
| Groundwater       | Laramie-Fox Hills         | 79              | 79                | 250                | 250                  | 501-1000          | Produced Water Sample    | Sampled well ~2.5 miles away (permit 287415); Sampled by ALS on behalf of BCEI on 6/29/17; TDS 950 |
| Confining Layer   | Pierre Shale              | 250             | 250               | 400                | 400                  |                   |                          |  |
| Groundwater       | Upper Pierre Aquifer (Paw | 400             | 400               | 1372               | 1360                 | 1001-10000        | Electric Log Calculation | Nearest well with e-logs ~1.7 miles away (05-123-42738)  |
| Confining Layer   | Pierre Shale              | 1372            | 1360              | 3456               | 3279                 |                   |                          |  |
| Hydrocarbon       | Parkman                   | 3456            | 3279              | 3506               | 3329                 |                   |                          |  |
| Confining Layer   | Pierre Shale              | 3506            | 3329              | 6264               | 5860                 |                   |                          |  |
| Subsurface Hazard | Sharon Springs            | 6264            | 5860              | 6471               | 6009                 |                   |                          | Sloughing shales   |
| Hydrocarbon       | Niobrara                  | 6471            | 6009              | 16828              | 6366                 |                   |                          | Did not exit formation, bottom of zone = MD/TVD @ TD of well                                       |

**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:

This sundry notice is being submitted to revise the following portions of the Drilling Program: Casing/Cement Plan, Drilling Mud Program, and Drilling Waste Management Program.

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

Signed: \_\_\_\_\_ Print Name: Aubrey Noonan

Title: Regulatory Analyst Email: regulatory@bonanzacrk.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:**

**COA Type**

**Description**

|  |  |
|--|--|
|  |  |
|--|--|

### **General Comments**

**User Group**

**Comment**

**Comment Date**

|  |  |                     |
|--|--|---------------------|
|  |  | Stamp Upon Approval |
|--|--|---------------------|

Total: 0 comment(s)

### **Attachment List**

**Att Doc Num**

**Name**

|           |                       |
|-----------|-----------------------|
| 402790386 | WASTE MANAGEMENT PLAN |
|-----------|-----------------------|

Total Attach: 1 Files