

State of Colorado  
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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Document Number:

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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: <u>10646</u>	Contact Name <u>Nathan Bennett</u>
Name of Operator: <u>AXIS EXPLORATION LLC</u>	Phone: <u>(303) 312-8166</u>
Address: <u>370 17TH ST SUITE 5200</u>	Fax: <u>( )</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>nbennett@civiresources.com</u>

## FORM 4 SUBMITTED FOR:

Facility Type: LOCATIONAPI Number : 05- 005 00 ID Number: 454144Name: Jamaso Number: 4-65Location QtrQtr: SWNW Section: 4 Township: 4S Range: 65W Meridian: 6County: ARAPAHOE Field Name: WILDCAT

Oil &amp; Gas Location(s) and Oil &amp; Gas Development Plan (OGDP) Information

Location(s)

Location ID	Location Name and Number
454144	Jamaso 4-65

OGDP(s)

No OGDP

## WELL LOCATION CHANGE OR AS-BUILT GPS REPORT

☐ Change of Location for Well \*☐ As-Built GPS Location Report☐ As-Built GPS Location Report with Survey

\* Well Location Change requires a new Plat.

SURFACE LOCATION GPS DATA Data must be provided for Change of Surface Location and As Built Reports.

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

GPS Quality Value: \_\_\_\_\_ Type of GPS Quality Value: \_\_\_\_\_ Measurement Date: \_\_\_\_\_

Well Ground Elevation: \_\_\_\_\_ feet (Required for change of Surface Location.)

## WELL LOCATION CHANGE

Well plan is: \_\_\_\_\_ (Vertical, Directional, Horizontal)

Change of **Surface** Footage From:Change of **Surface** Footage To:Current **Surface** Location From QtrQtr SWNW Sec 4 Twp 4S Range 65W Meridian 6New **Surface** Location To QtrQtr \_\_\_\_\_ Sec \_\_\_\_\_ Twp \_\_\_\_\_ Range \_\_\_\_\_ Meridian \_\_\_\_\_Change of **Top of Productive Zone** Footage From:Change of **Top of Productive Zone** Footage To:Current **Top of Productive Zone** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_ Range \_\_\_\_\_New **Top of Productive Zone** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_ Range \_\_\_\_\_

Change of **Base of Productive Zone** Footage **From:**

Change of **Base of Productive Zone** Footage **To:**

\*\*

Current **Base of Productive Zone** Location

Sec

Twp

Range

New **Base of Productive Zone** Location

Sec

Twp

Range

Change of **Bottomhole** Footage **From:**

Change of **Bottomhole** Footage **To:**

\*\*

Current **Bottomhole** Location

Sec

Twp

Range

\*\* attach deviated drilling plan

New **Bottomhole** Location

Sec

Twp

Range

## SAFETY SETBACK INFORMATION

Required for change of Surface Location.

Distance from Well to nearest:

Building: \_\_\_\_\_ Feet  
Building Unit: \_\_\_\_\_ Feet  
Public Road: \_\_\_\_\_ Feet  
Above Ground Utility: \_\_\_\_\_ Feet  
Railroad: \_\_\_\_\_ Feet  
Property Line: \_\_\_\_\_ Feet

### INSTRUCTIONS:

- Specify all distances per Rule 308.b.(1).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit – as defined in 100 Series Rules.

## SUBSURFACE MINERAL SETBACKS

Required for change of Top and/or Base of Productive Zone. Enter 5280 for distance greater than 1 mile.

Is this Well within a unit? \_\_\_\_\_

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: \_\_\_\_\_ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well within the same unit permitted or completed in the same formation: \_\_\_\_\_ Feet

If NO:

Enter the minimum distance from the Completed Zone of this Well to the Lease Line of the described lease: \_\_\_\_\_ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well producing from the same lease and permitted or completed in the same formation: \_\_\_\_\_ Feet

## Exception Location

☐ If this Well requires the approval of a Rule 401.c Exception Location, enter the Rule or spacing order number and attach the Exception Location Request and Waivers. \_\_\_\_\_

## LOCATION CHANGE COMMENTS

## OTHER

### ☐ RULE 502 VARIANCE

Order Number: \_\_\_\_\_

Description: \_\_\_\_\_

### ☐ REMOVE FROM SURFACE BOND      Signed surface use agreement is a required attachment

### ☐ CHANGE NAME OR NUMBER OF WELL, FACILITY, OIL & GAS LOCATION, OR OGD

From: Name JAMASO Number 4-65 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 911)

☐ 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 907)

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 WELL RECORDS CONFIDENTIALITY (Rule 206.c.(1))

### ☐ DIGITAL WELL LOG UPLOAD

☐ DOCUMENTS SUBMITTED Purpose of Submission: \_\_\_\_\_

☐ COMPLIANCE with CONDITION OF APPROVAL (COA) on Form NO: \_\_\_\_\_ Document Number: \_\_\_\_\_

## 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, as required by Rule 434.b.(3).

Date well temporarily abandoned \_\_\_\_\_

Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required. Date of last MIT \_\_\_\_\_

## 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/REQUEST FOR APPROVAL      Approximate Start Date \_\_\_\_\_

☐ SUBSEQUENT REPORT      Date of Activity \_\_\_\_\_

- ☐ Bradenhead Plan
- ☐ Change Drilling Plan
- ☐ Gross Interval Change
- ☐ Underground Injection Control
- ☐ Request approval of Reuse and Recycling Plan per Rule 905.a.(3). (Reuse and Recycling Plan must be attached.)
- ☐ Request approval of Alternative Sampling Plan per Rule 909.j.(6). for this Pit. (Alternative Sampling Program must be attached.)
- ☐ Other
- ☐ Venting or Flaring (Rule 903)
- ☐ Repair Well
- ☐ E&P Waste Mangement
- ☐ Beneficial Reuse of E&P Waste

☐ Request that an existing produced water sample from the same formation be used per Rule 909.j.(6) to meet the requirements of Rule 909.j.(1)-(5) for this Well.

Pit ID \_\_\_\_\_ Pit Name \_\_\_\_\_

(No Sample Provided)

☒ Subsequent well operations with heavy equipment (Rule 312)

API	Well Name
005-07333	Jamaso 4-65 5-6-3
005-07339	Jamaso 4-65 5-6-4
005-07337	Jamaso 4-65 5-6-6
005-07334	Jamaso 4-65 5-6-1
005-07374	Jamaso 4-65 5-6-12
005-07373	Jamaso 4-65 5-6-9
005-07375	Jamaso 4-65 5-6-10
005-07336	Jamaso 4-65 5-6-7

## COMMENTS:

Axis Exploration intends to drill four (4) wells where surface casing was previously set to TD. Following the completion of drilling operations, Axis Exploration intends to complete a total of eight (8) wells and turn the pad to production.

## GAS CAPTURE

## VENTING AND FLARING:

Operation type: \_\_\_\_\_ Operational phase requiring venting/flaring: \_\_\_\_\_

Reason for venting/flaring: \_\_\_\_\_

Describe Other reason for venting/flaring:

Describe why venting or flaring is necessary. If reporting per Rule 903.b.(2), 903.c.(3).C, or 903.d.(2), include the explanation, rationale, and cause of the event:

Describe how the operation will protect and minimize adverse impacts to public health, safety, welfare, the environment, and wildlife resources. If reporting per Rule 903.d.(2), include BMPs used to minimize venting on the BMP Tab:

Total volume of gas vented or flared: \_\_\_\_\_ mcf ☐ estimated ☐ measured

Total duration of emission event: \_\_\_\_\_ hours ☐ consecutive ☐ cumulative

Submit a single representative gas analysis via Form 43 to create a Sample Site Facility ID# for this Location. Reference the Form 43 document number on the Related Forms tab.

Sample Site Facility ID#: \_\_\_\_\_

## GAS CAPTURE PLAN

Describe the plan to connect to a gathering line or beneficially use the gas; include anticipated timeline:

A Gas Capture Plan that meets the requirements of Rule 903.e is attached. ☐

## H2S REPORTING

☐ Intentional release of H2S gas due to Upset Condition or malfunction.

☐ Intent to temporarily abandon well with potential H2S concentration >100 ppm.

**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:

## OIL &amp; GAS LOCATION UPDATES

OGDP ID \_\_\_\_\_ OGDG Name \_\_\_\_\_

## SITE EQUIPMENT LIST UPDATES

Indicate the number and type of major equipment components planned for use on this Oil and Gas Location:

Wells	8	Oil Tanks	6	Condensate Tanks	_____	Water Tanks	2	Buried Produced Water Vaults	_____
Drilling Pits	_____	Production Pits	_____	Special Purpose Pits	_____	Multi-Well Pits	_____	Modular Large Volume Tank	2
Pump Jacks	8	Separators	8	Injection Pumps	_____	Heater-Treaters	_____	Gas Compressors	2
Gas or Diesel Motors	_____	Electric Motors	_____	Electric Generators	_____	Fuel Tanks	_____	LACT Unit	1
Dehydrator Units	_____	Vapor Recovery Unit	4	VOC Combustor	2	Flare	_____	Enclosed Combustion Devices	_____
Meter/Sales Building	3	Pigging Station	_____	Vapor Recovery Towers	1				

## OTHER PERMANENT EQUIPMENT UPDATES

Permanent Equipment Type	Number
Combustor Knockout	2
Oil Pump Skid	1
Sales Gas Scrubber	1
Fuel Gas Scrubber	1
Instrument Air Skid	1
Electrical Racks	2
Bulk Theater	1
Pipe Racks	4
Recycle Pump	1
Communications Tower	2

## OTHER TEMPORARY EQUIPMENT UPDATES

Temporary Equipment Type	Number
Sand Cans	8
Frac Tank	1

## CULTURAL AND SAFETY SETBACK UPDATES

## OTHER LOCATION CHANGES AND UPDATES

Provide a description of other changes or updates to technical information for this Location:

## POTENTIAL OGDG UPDATES

## PROPOSED CHANGES TO AN APPROVED OGDG

☐ This Sundry Form 4 is being submitted pursuant to Rule 301.c to propose changes to an approved Oil and Gas Development Plan.

Check all boxes that pertain to the type(s) of changes being proposed for this OGDG:

- |  |  |
|--|--|
| <input type="checkbox"/> Add Oil and Gas Location(s)                     | <input type="checkbox"/> Add Drilling and Spacing Unit(s)    |
| <input type="checkbox"/> Amend Oil and Gas Location(s)                   | <input type="checkbox"/> Amend Drilling and Spacing Unit(s)  |
| <input type="checkbox"/> Remove Oil and Gas Location(s)                  | <input type="checkbox"/> Remove Drilling and Spacing Unit(s) |
| <input type="checkbox"/> Oil and Gas Location attachment or plan updates | <input type="checkbox"/> Amend the lands subject to the OGDG |
| <input type="checkbox"/> Other   |  |

Provide a detailed description of the changes being proposed for this OGDG. Attach supporting documentation such as maps if necessary.

### **Best Management Practices**

#### **No BMP/COA Type**

#### **Description**

1	Community Outreach and Notification	Operator will send out Move In Rig Up Notices (MIRU) notices compliant with COGCC Rule 412.b. These notices will contain the COGCC Complaints Fact Sheet and a link to a project-specific-website that is being developed to provide more information regarding the development process.
2	Noise mitigation	Operator shall comply with COGCC Rule 423. Construction activity will take place during daylight hours only. Thirty-two (32) foot tall soundwalls will be installed on all sides of the well pad during drilling and completion operations; openings will be required on the west side of the pad for ingress/egress.
3	Odor mitigation	Operator shall employ IOGP Group II drilling fluids, with low to negligible aromatic contact, during drilling operations after surface casing is set and freshwater aquifers are protected.

Total: 3 comment(s)

#### **Operator Comments:**

This Form 04 Sundry is being submitted in support of future operations including the reconstruction of the approved well pad and the resumption of operations including drilling and completions activities. Location was originally constructed in late-2018.

A CDPHE- Air Pollution Control Division Reg 7 Air Quality Monitoring Plan will be submitted and approved prior to drilling operations.

ATTACHMENTS include the following:

- UPDATED Location Drawing
- UPDATED Layout Drawings: E&S Controls/BMPs, Rig Layout, Completions Layout, Flowback Equipment Layout, and Facility Layout.
- Community Outreach Plan

Operator plans to drill, complete, and produce a total of eight (8) wells. Equipment counts have been changed to account for a total of eight (8) wells.

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

Signed: \_\_\_\_\_ Print Name: Nathan Bennett

Title: Manager, W&L Permitting Email: nbennett@civiresources.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**

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### 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>
402963277	COMMUNITY OUTREACH PLAN
402980443	LOCATION DRAWING
402980460	LAYOUT DRAWINGS

Total Attach: 3 Files