

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: <u>400908477</u>			
Date Received: <u>04/05/2016</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>10513</u>	Contact Name <u>David Platt</u>
Name of Operator: <u>IRONHORSE RESOURCES LLC</u>	Phone: <u>(303) 5734436</u>
Address: <u>216 16TH STREET SUITE 1200</u>	Fax: <u>()</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>david@windmillenergy.net</u>

Complete the Attachment
Checklist

OP OGCC

API Number : <u>05-</u> <u>123</u> <u>32961</u> <u>00</u>	OGCC Facility ID Number: <u>421573</u>
Well/Facility Name: <u>Girard</u>	Well/Facility Number: <u>2-63 11-1H</u>
Location QtrQtr: <u>SWSE</u> Section: <u>11</u> Township: <u>2N</u> Range: <u>63W</u> Meridian: <u>6</u>	
County: <u>WELD</u> Field Name: <u>WATTENBERG</u>	
Federal, Indian or State Lease Number: <u></u>	

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: (Vertical, Directional, Horizontal)

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

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

Current **Surface** Location **From** QtrQtr SWSE Sec 11

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 11

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 11 Twp 2N

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>600</u>	<u>FSL</u>	<u>1980</u>	<u>FEL</u>
<u></u>	<u></u>	<u></u>	<u></u>
Twp <u>2N</u>	Range <u>63W</u>	Meridian <u>6</u>	
Twp <u></u>	Range <u></u>	Meridian <u></u>	
<u>1131</u>	<u>FSL</u>	<u>1885</u>	<u>FEL</u>
<u></u>	<u></u>	<u></u>	<u></u>
			**
Twp <u>2N</u>	Range <u>63W</u>		
Twp <u></u>	Range <u></u>		
<u>613</u>	<u>FNL</u>	<u>1983</u>	<u>FEL</u>
<u></u>	<u></u>	<u></u>	<u></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 GIRARD Number 2-63 11-1H 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 09/30/2015

☐ REPORT OF WORK DONE Date Work Completed _____

- | | | |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input checked="" type="checkbox"/> Request to Vent or Flare | <input type="checkbox"/> E&P Waste Mangement Plan |
| <input 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:

There has not been any new infrastructure built close to the wells that would make well connections feasible and the small volumes of gas would not justify well connects, cogen facilities or NGL stripping. Pipeline construction distance is 2.5 miles at an estimated cost of \$625,000. IronHorse requests to continue to flare.

Current Daily Flare Volume 9 mcf
CDHPE Permit #12WE1860

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

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: 4 in ppm (parts per million)

Date of Measurement or Sample Collection 02/09/2016

Description of Sample Point:

well head

Absolute Open Flow Potential 9000 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.):

pumping oil well, majority of gas used in well facilities, excess gas flared

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: 3327 FEET

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: 6344 FEET

COMMENTS:

Best Management Practices

No BMP/COA Type

Description

Operator Comments:

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

Signed: _____ Print Name: David Platt
 Title: Agent Email: David@Windmillenergy.net Date: 4/5/2016

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

COGCC Approved: BURN, DIANA Date: 4/24/2016

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

	1) Flaring of natural gas shall comply with COGCC Rule 912. 2) Submit requests to flare annually to COGCC on Form 4 (Sundry Notice), which discusses timing to connect to sales line, plans to develop infrastructure, and justification for continued venting/flaring. Provide gas analysis including H2S with each Sundry Notice. 3) Report flaring volumes on Form 7, Operator's Monthly Report of Operations. 4) The operator is required to obtain and maintain any required air permits from CDPHE. 5) Notify the local emergency dispatch or the local governmental designee of natural gas flaring.
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General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	returned to DRAFT again - The gas analysis needs to include H2S and should be a recent or current gas analysis. The reason for flaring should be a little more explicit and explain how far to infrastructure and what those costs would be. In these instances, the reference to the volumes being too small to consider stripping or co-generation is fine.	3/3/2016 12:20:59 PM
Environmental Data	The extended gas analysis provided by the operator has been entered in the COENV database	2/11/2016 2:20:52 PM
Engineer	returned to DRAFT - no discussion of the need to flare, no gas analysis, no previous requests, no volumes	12/22/2015 7:54:34 AM

Total: 3 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400908477	FORM 4 SUBMITTED
401021931	GAS ANALYSIS REPORT

Total Attach: 2 Files