

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: 401076547 | | | |
| Date Received: 08/15/2016 | | | |

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: 10548 | Contact Name Paul Gottlob |
| Name of Operator: HRM RESOURCES II LLC | Phone: (720) 420-5747 |
| Address: 410 17TH STREET #1600 | Fax: () |
| City: DENVER State: CO Zip: 80202 | Email: paul.gottlob@iptenergyservices.com |

Complete the Attachment
Checklist

OP OGCC

| | |
|--|--|
| API Number : 05- 123 39471 00 | OGCC Facility ID Number: 437287 |
| Well/Facility Name: LEHL | Well/Facility Number: 30-1 |
| Location QtrQtr: NENE Section: 30 Township: 1N Range: 65W 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:

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

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

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 **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 **30** Twp **1N**

New **Bottomhole** Location Sec **31** Twp **1N**

Is location in High Density Area? **No**

Distance, in feet, to nearest building **469**, public road: **229**, above ground utility: **259**, railroad: **3006**,

property line: **237**, lease line: **237**, well in same formation: **328**

Ground Elevation **4974** feet Surface owner consultation date **01/22/2014**

| FNL/FSL | | FEL/FWL | |
|---------------|------------------|-------------------|------------|
| 237 | FNL | 286 | FEL |
| | | | |
| Twp 1N | Range 65W | Meridian 6 | |
| Twp _____ | Range _____ | Meridian _____ | |
| 460 | FNL | 500 | FEL |
| | | | |
| Twp 1N | Range 65W | | |
| Twp _____ | Range _____ | | |
| 460 | FSL | 500 | FEL |
| 460 | FSL | 500 | FEL |

**

**

** 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> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|
| CODELL | CODL | 407-1758 | 640 | GWA |

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 LEHL Number 30-1 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 09/01/2016

☐ 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:

Changing wellbore to a 2 Mile HZ and Casing to monobore.

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 |
|----------------|------|----|---|------|------|----|---|--------|-------|------------|---------------|-----------------|---------------|------------|
| Surface String | 13 | 1 | | 2 | 9 | 5 | | 8 | 36 | 0 | 1500 | 681 | 1500 | 0 |
| First String | 8 | 3 | | 4 | 5 | 1 | | 2 | 20 | 0 | 17414 | 3199 | 17414 | |

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:

Changing wellbore to a 2 Mile HZ and Casing to monobore.
Updated Directional Survey & Data attached.
Updated Offset Well Evaluation attached.
Updated Plat Attached.
All BMP's & COA's to carry over from approved Form 2's and 4's.
Pooling & Spacing approved for E/2 Sec. 30, E/2 Sec. 31: ALL T1N-R65W.
For the Location Change/As-Built GPS tab: Distance, in feet, to nearest well in same formation - used the Lehl 30-8, API 05-123-41051, considering the CODL & NBRR as same formation.

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: 8/15/2016

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

COGCC Approved: McCoy, Diane Date: 10/12/2016

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) This Form 4 makes changes to the casing and cementing program approved on the Form 2 and must be displayed with the Form 2 while drilling.
3) Comply with Rule 317.j. and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|-------------------------|
| Engineer | <p>Operator acknowledges the proximity of the non-operated listed well. Operator agrees to: provide mitigation option 1 or 2 (per the DJ Basin Horizontal Offset Policy) to mitigate the situation, ensure all applicable documentation is submitted based on the selected mitigation option chosen, and submit a Form 42 ("OFFSET MITIGATION COMPLETED") stating that appropriate mitigation occurred and that it has been completed, prior to the hydraulic stimulation of this well. 05-123-08740, ADAM TEN 1-A</p> <p>Operator acknowledges the proximity of the listed non-operated wells. Operator assures that this offset list will be remediated per the DJ Basin Horizontal Offset Policy (option 3). Operator will submit a Form 42 ("OFFSET MITIGATION COMPLETED") stating what appropriate mitigation occurred and that it has been completed, prior to the hydraulic stimulation of this well. 05-123-08068, LUTZ 1</p> <p>Operator acknowledges the proximity of the listed well. 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. Surface and production casing pressures will be actively monitored during stimulation. Operator will assure that the offset well's Bradenhead is open and monitored during the entire stimulation treatment – a person will monitor for any evidence of fluid, a Bradenhead test will be performed prior to the beginning of stimulation. If there is indication of communication between the stimulation treatment and the offset well, treatment will be stopped and COGCC Engineering notified. 05-123-13340, MARGUERITE B LEHL A-1</p> | 9/2/2016 11:04:00 AM |
| Engineer | Emailed list of wells that require mitigation to Paul. Waiting on response. | 9/2/2016 11:02:57 AM |
| Permit | Permitting Review Complete. | 8/24/2016 1:01:45 PM |

Total: 3 comment(s)

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|------------------------|
| 401076547 | FORM 4 SUBMITTED |
| 401076570 | WELL LOCATION PLAT |
| 401092006 | DIRECTIONAL DATA |
| 401092008 | DEVIATED DRILLING PLAN |
| 401092012 | OFFSET WELL EVALUATION |
| 401092108 | MULTI-WELL PLAN |

Total Attach: 6 Files