

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: 401063850			
Date Received: 06/16/2016			

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: <u>10396</u>	Contact Name <u>Cheryl Rowell</u>
Name of Operator: <u>SWN PRODUCTION COMPANY LLC</u>	Phone: <u>(832) 796-7439</u>
Address: <u>PO BOX 12359</u>	Fax: <u>()</u>
City: <u>SPRING</u> State: <u>TX</u> Zip: <u>77391</u>	Email: <u>cheryl_rowell@swn.com</u>

Complete the Attachment
Checklist

OP OGCC

API Number : <u>05-081-07679-01</u>	OGCC Facility ID Number: <u>425424</u>
Well/Facility Name: <u>Bret Granbouche</u>	Well/Facility Number: <u>24-02H</u>
Location QtrQtr: <u>SESW</u> Section: <u>2</u> Township: <u>6N</u> Range: <u>92W</u> Meridian: <u>6</u>	
County: <u>MOFFAT</u> Field Name: <u>SAND WASH HORIZONTAL NIOBRARA</u>	
Federal, Indian or State Lease Number: <u></u>	

Survey Plat		
Directional Survey		
Srfc 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 SESW Sec 2

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 2

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 6N

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>664</u>	<u>FSL</u>	<u>1983</u>	<u>FWL</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Twp <u>6N</u>	Range <u>92W</u>	Meridian <u>6</u>	
Twp <u> </u>	Range <u> </u>	Meridian <u> </u>	
<u>665</u>	<u>FSL</u>	<u>1983</u>	<u>FWL</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Twp <u>6N</u>	Range <u>92W</u>		
Twp <u> </u>	Range <u> </u>		
<u>713</u>	<u>FSL</u>	<u>1309</u>	<u>FWL</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Twp <u>6N</u>	Range <u>92W</u>		
Twp <u> </u>	Range <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 BRET GRANBOUCHE Number 24-02H 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 06/16/2016

☐ 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:

Gathering Line Connection Point: Diamond T Sheep 7-92 1-26 location. As the bird flies this connection point is located 15,740' from the Bret Grandbouche 24-02H location.

The project will not payout during the forecasted life of the well. With the discounted loss on investment being over \$400,000, not accounting for severance taxes or operation costs (compression, pigging, chemicals, etc)

See attached economic evaluation for selling the gas currently flared. This evaluation is based upon the following:

Capital Costs: \$944,400
Gas Price Used \$3.00/MMBtu
Severance Tax = 0%
Operating Costs = \$0

The forecasted gas production used in the economic evaluation is gas to flare. The Welker and Bret Grandbouche locations both utilize a heater treater and pumping unit that consume an estimated 4.8 Mcfd and 5.8 Mcfd, respectively.

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: _____ 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

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Operator Comments:

The project will not payout during the forecasted life of the well. Request to flare gas produced. Many of SWN's operated wells are in remote areas. The economics of this well do not support construction of an infrastructure. SWN has continued interest in developing this area and plans to do so when pricing rebounds. SWN operations are in compliance with Rule 805.b.(1). SWN will continue to use CDPHE approved flaring method and any site specific permitting required by the CDPHE. SWN will evaluate power generation, gas to liquids technology, or other options for produced gas for the next annual Sundry filing.

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

Signed: _____ Print Name: Cheryl Rowell
Title: Sr. Staff Reg. Analyst Email: cheryl_rowell@swn.com Date: 6/16/2016

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

COGCC Approved: KOESELL, ARTHUR Date: 8/23/2016

CONDITIONS OF APPROVAL, IF ANY:**COA Type****Description**

- 1) Comply with all requirements of Rule 912, including monthly reporting of flared volumes (on Form 7) and notifications to local emergency dispatch or the local government designee.
- 2) Submit annual updates (requests to flare) to COGCC on Form 4s (Sundry Notices), including all information specified in COGCC's "Notice to Operators, Rule 912 Venting or Flaring Produced Natural Gas - Statewide."
- 3) Comply with any Colorado Department of Public Health and Environment, Air Pollution Control Division rules or requirements for all atmospheric discharges.
- 4) An enclosed flare shall be used, unless an open flare is specifically allowed by CDPHE's Regulation 7.
- 5) Within 30 days of approval of this form, submit an Electronic Data Deliverable (EDD), prepared by the laboratory that performed the gas analysis attached to this form. The EDD shall be submitted with a new Form 4, in the format specified on COGCC's website, located in Help => Environmental => COGCC EDD Information.

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental Data	The attached gas analytical data has been entered in the COENV database.	8/23/2016 8:17:46 AM
Engineer	Added comments from operator to submit information.	8/23/2016 7:16:00 AM
Engineer	Emailed operator requesting additional information required by Notice to Operators.	7/6/2016 9:41:00 AM

Total: 3 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401063850	FORM 4 SUBMITTED
401063862	OTHER
401097444	GAS ANALYSIS REPORT

Total Attach: 3 Files