

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



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|--------------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: 401251346 | | | |
| Date Received: 04/06/2017 | | | |

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: 10598 Contact Name Angela G. Callaway
 Name of Operator: SANDRIDGE EXPLORATION & PRODUCTION LLC Phone: (303) 942-0506
 Address: 123 ROBERT S KERR AVE Fax: ()
 City: OKLAHOMA CITY State: OK Zip: 73102 Email: acallaway@upstreampm.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 057 06599 00 OGCC Facility ID Number: 449276
 Well/Facility Name: Rabbit Ears 0681 Well/Facility Number: 2-23H
 Location QtrQtr: SWNE Section: 23 Township: 6N Range: 81W Meridian: 6
 County: JACKSON Field Name: WILDCAT
 Federal, Indian or State Lease Number: COC070050

| | | |
|---------------------|--|--|
| 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 40.477121 PDOP Reading 1.4 Date of Measurement 03/20/2016
 Longitude -106.454316 GPS Instrument Operator's Name ADL

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 SWNE Sec 23

New **Surface** Location **To** QtrQtr SWNE Sec 23

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 23

New **Top of Productive Zone** Location **To** Sec 23

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

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

Current **Bottomhole** Location Sec 34 Twp 6N

New **Bottomhole** Location Sec 35 Twp 6N

Is location in High Density Area?

Distance, in feet, to nearest building 1822, public road: 1057, above ground utility: 1228, railroad: 5280,

property line: 1210, lease line: 0, well in same formation: 666

Ground Elevation feet Surface owner consultation date

| FNL/FSL | | FEL/FWL | |
|---------------|------------------|-------------------|---------------|
| <u>1707</u> | <u>FNL</u> | <u>2239</u> | <u>FEL</u> |
| <u>1672</u> | <u>FNL</u> | <u>2332</u> | <u>FEL</u> |
| Twp <u>6N</u> | Range <u>81W</u> | Meridian <u>6</u> | |
| Twp <u>6N</u> | Range <u>81W</u> | Meridian <u>6</u> | |
| <u>2456</u> | <u>FNL</u> | <u>1456</u> | <u>FWL</u> |
| <u>2042</u> | <u>FNL</u> | <u>1179</u> | <u>FWL</u> ** |
| Twp <u>6N</u> | Range <u>81W</u> | | |
| Twp <u>6N</u> | Range <u>81W</u> | | |
| <u>1674</u> | <u>FNL</u> | <u>1297</u> | <u>FEL</u> |
| <u>25</u> | <u>FSL</u> | <u>1010</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 RABBIT EARS 0681 Number 2-23H Effective Date: 04/06/2017

To: Name REU 0681 Number 2-23H35

☐ **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 06/01/2017

☐ REPORT OF WORK DONE Date Work Completed _____

- ☐ Intent to Recomplete (Form 2 also required)
- ☐ Request to Vent or Flare
- ☐ E&P Waste Mangement Plan
- ☒ Change Drilling Plan
- ☐ Repair Well
- ☐ Beneficial Reuse of E&P Waste
- ☐ Gross Interval Change
- ☐ Rule 502 variance requested. Must provide detailed info regarding request.
- ☐ Other _____
- ☐ Status Update/Change of Remediation Plans for Spills and Releases

COMMENTS:

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 |
|------------------|------|----|---|------|------|----|---|--------|-------|------------|---------------|-----------------|---------------|------------|
| Conductor Casing | 20 | | | | 16 | | | | 65 | 0 | 90 | 63 | 90 | 0 |
| Surface String | 12 | 1 | | 4 | 9 | 5 | | 8 | 36 | 0 | 2400 | 577 | 2400 | 0 |
| First String | 8 | 3 | | 4 | 5 | 1 | | 2 | 20 | 0 | 20400 | 3609 | 20400 | |

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:

The Surface Hole Location and Bottom Hole Location of this well are being changed as indicated in the form. The name of the well has changed from the Rabbit Ears 0681 2-23H to the REU 0681 2-23H35. The Bottom Hole Lease has changed from COC70050 to COC70049.

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

Signed: _____ Print Name: Angela G. Callaway
Title: Permit Agent Email: acallaway@upstreampm.com Date: 4/6/2017

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

COGCC Approved: Daigle, Ryan Date: 7/27/2017

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

| | |
|--|---|
| | 1)Operator shall comply with the most current revision of the Northwest Notification Policy. 2)Operator shall provide cement coverage from the production casing shoe (5 1/2" First String) to a minimum of 200' above the surface casing shoe. Verify production casing cement coverage with a cement bond log. 3) Minimum surface casing setting depth requirements: 50' below the base of the Coalmont Formation with the shoe in the Lance Formation. Full cement to surface is required for the surface casing; increase cement volume if necessary to accomplish that objective. Refer to COGCC's comment on Form 2 (document # 401101959) regarding the operator's prognosed depth to the Lance Formation. |
|--|---|

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Permit | Passes permitting. | 07/27/2017 |
| Permit | The Instrument Operator's Name is incorrect. Corrected. | 07/20/2017 |
| Engineer | <p>Offset Well Evaluation: There are no existing offset oil and gas wells within 1,500 feet of the revised wellbore path. Evaluated offset well MCNAMARA #35-1 API #057 -06214 status DA located about 1560' from the eastern wellbore planned on this pad due to the spud date and uncertainty in the wells location. Niobrara top at 5340' drilled to the Morrison and plugged and abandoned. Plugged with 75 sx from 6540 to 6340', 35 sx from 4400 to 4300', 35 sx from 2130 to 2030', 25 sx from 410 to 340' and 25 sx at surface. Niobrara is not covered but the plug from 4400 to 4300' is less than 1000' above the Niobrara in competent shale based on review of induction log. No mitigation required.</p> <p>Changed attachment labeled directional survey to deviated drilling plan. Emailed operator. Attached plan shows a MD of 20,400'. Revised casing information per operator.</p> | 04/19/2017 |

Total: 3 comment(s)

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|--|
| 401251346 | SUNDRY NOTICE APPROVED-LOC-NAME-DRLG-CSG |
| 401251354 | WELL LOCATION PLAT |
| 401251355 | LEGAL/LEASE DESCRIPTION |
| 401251356 | DEVIATED DRILLING PLAN |
| 401251357 | DIRECTIONAL DATA |
| 401355575 | FORM 4 SUBMITTED |

Total Attach: 6 Files