

State of Colorado
Oil and Gas Conservation Commission

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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		
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 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

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 _____

<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:

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.):

[Empty box for release potential and duration description]

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:

[Empty box for comments]

Best Management Practices

No BMP/COA Type

Description

<u>No BMP/COA Type</u>	<u>Description</u>

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

<u>COA Type</u>	<u>Description</u>
	<p>1)Operator shall comply with the most current revision of the Northwest Notification Policy.</p> <p>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.</p> <p>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.</p>

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