

# State of Colorado Oil and Gas Conservation Commission

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DE	ET	OE	ES
Document Number: <b>402595478</b>			
Date Received: <b>02/11/2021</b>			

## 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: 10261 Contact Name Mark Brown  
Name of Operator: BAYSWATER EXPLORATION & PRODUCTION LLC Phone: (720) 350 8858  
Address: 730 17TH ST STE 500 Fax: ( )  
City: DENVER State: CO Zip: 80202 Email: mbrown@bayswater.us

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 48148 00 OGCC Facility ID Number: 457899  
Well/Facility Name: Calvary Farms Well/Facility Number: F-20-21HN  
Location QtrQtr: NENE Section: 19 Township: 7N Range: 65W Meridian: 6  
County: WELD Field Name: WATTENBERG  
Federal, Indian or State Lease Number:

Survey Plat		
Directional Survey		
Srvc Eqpm 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  GPS Quality Value:  Type of GPS Quality Value:  Measurement Date:   
Longitude

### LOCATION CHANGE (all measurements in Feet)

Well will be: HORIZONTAL (Vertical, Directional, Horizontal)

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

FNL/FSL		FEL/FWL	
<u>1248</u>	<u>FNL</u>	<u>413</u>	<u>FEL</u>
<u></u>	<u></u>	<u></u>	<u></u>

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

Current **Surface** Location **From** QtrQtr NENE Sec 19  
New **Surface** Location **To** QtrQtr  Sec

Twp 7N Range 65W Meridian 6  
Twp  Range  Meridian

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

<u>1155</u>	<u>FNL</u>	<u>470</u>	<u>FWL</u>
<u>1267</u>	<u>FNL</u>	<u>470</u>	<u>FWL</u>

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec 20  
New **Top of Productive Zone** Location **To** Sec 20

Twp 7N Range 65W  
Twp 7N Range 65W

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

<u>1451</u>	<u>FNL</u>	<u>470</u>	<u>FEL</u>
<u>1434</u>	<u>FNL</u>	<u>470</u>	<u>FEL</u>

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

Current **Bottomhole** Location Sec 21 Twp 7N  
New **Bottomhole** Location Sec 21 Twp 7N

Range 65W **\*\* attach deviated drilling plan**  
Range 65W

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: 329

Ground Elevation  feet Surface owner consultation date

**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	407-2551	1280	Sec 20, 21: All

**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 CALVARY FARMS Number F-20-21HN Effective Date: 02/12/2021

To: Name Calvary Farms Number 1

☐ **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 03/01/2021

☐ 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"/> Bradenhead Plan                             | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |
| <input type="checkbox"/> Other _____                                 |   |  |

## COMMENTS:

Bayswater intends to reorganize the 19-D Calvary Farms North and Calvary Farms 19-L South Pads by proposing adjustments to the N-S footages to TPZ and BHL for 10 North Pad wells and abandoning the remaining wells on the South Pad in order to maximize engineering efficiency and minimize surface disturbance.

Calvary Farms 19-D Pad (Loc ID 457898): Calvary Farms D-20-21HN (API: 05-123-48153) Abandon well; Calvary Farms E-20-21HC (API: 05-123-48143) Abandon well; Calvary Farms EA-20-21HN (API: 05-123-48151) amend TPZ, BHL, change name to Calvary Farms 10; Calvary Farms F-20-21HN (API: 05-123-48148) amend TPZ, BHL, Formation to Codell, change name to Calvary Farms 1; Calvary Farms G-20-21HN (API: 05-123-48146) amend TPZ, BHL, change name to Calvary Farms 2; Calvary Farms H-20-21HC (API: 05-123-48152) amend TPZ, BHL, Formation to Niobrara, change name to Calvary Farms 3; Calvary Farms HA-20-21HN (API: 05-123-48154) amend TPZ, BHL, change name to Calvary Farms 4; Calvary Farms I-20-21HN (API: 05-123-48157) amend TPZ, BHL, Formation to Codell, change name to Calvary Farms 5; Calvary Farms J-20-21HN (API: 05-123-48155) amend TPZ, BHL, change name to Calvary Farms 6; Calvary Farms K-20-21HC (API: 05-123-48144) amend TPZ, BHL, Formation to Niobrara, change name to Calvary Farms 7; Calvary Farms KA-20-21HN (API: 05-123-48156) amend TPZ, BHL, change name to Calvary Farms 8; Calvary Farms L-20-21HN (API: 05-123-48158) amend TPZ, BHL, change name to Calvary Farms 9.

Calvary Farms 19-L Pad (Loc ID 457976): Calvary Farms M-20-21HN (API: 05-123-48176) Abandon well; Calvary Farms N-20-21HC (API: 05-123-48182) Abandon well; Calvary Farms NA-20-21HN (API: 05-123-48174) Abandon well; Calvary Farms O-20-21HN (API: 05-123-48180) Abandon well; Calvary Farms P-20-21HN (API: 05-123-48175) Abandon well; Calvary Farms Q-20-21HC (API: 05-123-48179) Abandon well; Calvary Farms QA-20-21HN (API: 05-123-48173) Abandon well; Calvary Farms R-20-21HN (API: 05-123-48169) Abandon well.

**CASING PROGRAM**

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>
CONDUCTOR	26	16	N/A	42	0	80	400	80	0
SURF	13+1/2	9+5/8	J55LTC	36	0	1500	660	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	17177	2339	17177	2500

**POTENTIAL FLOW AND CONFINING FORMATIONS**

<u>Zone Type</u>	<u>Formation /Hazard</u>	<u>Top M.D.</u>	<u>Top T.V.D.</u>	<u>Bottom M.D.</u>	<u>Bottom T.V.D.</u>	<u>TDS (mg/L)</u>	<u>Data Source</u>	<u>Comment</u>
Groundwater	Laramie/Fox Hills	24	24	412	412	501-1000	Groundwater Sample	Sample site ID 753716
Groundwater	Upper Pierre	412	412	1660	1660	0-500	Groundwater Sample	Sample site ID 753695
Confining Layer	Pierre Shale	1660	1660	3766	3766			
Hydrocarbon	Parkman	3766	3766	4150	4151			
Hydrocarbon	Sussex	4200	4205	4450	4465			
Hydrocarbon	Shannon	4550	4560	4950	4978			
Confining Layer	Pierre Shale	4950	4978	6900	6917			
Confining Layer	Sharon Springs	6900	6917	6950	6950			
Hydrocarbon	Niobrara	6950	6950	7300	7215			
Confining Layer	Ft Hays	7300	7215	7350	7249			Not Productive
Hydrocarbon	Codell	7350	7249	17177	7258			Potential Flow Formation Table: The TVD of the deepest hydrocarbon zone is the bottom of the well and not the bottom of the formation. The formation is not planned to be exited.

**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:

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**Best Management Practices****No BMP/COA Type****Description**

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## Operator Comments:

There have been no new buildings constructed and no changes to the surrounding land use. The well sites have been constructed. SHL will not change. All lateral changes stay within the currently approved DSU boundaries. There are no changes to the Surface & Minerals, Cultural Distances, Offset Well Evaluation, or Local Government Information. All previously submitted notices, Surface Use Agreements, and letters are also still valid.

Vertex Point updated to 1128' FNL, 0' FEL, Sec 20.

The nearest well in unit per anti-collision is updated to the proposed Calvary Farms 10 (API:05-123-48151) @ 329'.

The nearest outside operated well per anti-collision is updated to Myers 1 (API: 05-123-11653) PA Status @ 478'.

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

Signed: \_\_\_\_\_ Print Name: Justin Garrett  
 Title: Regulatory Analyst Email: regulatory@ascentgeomatics.com Date: 2/11/2021

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

COGCC Approved: JENKINS, STEVE Date: 2/16/2021

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

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**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	-Added the distance to the nearest well in the same formation from the operator's comment	02/16/2021
	-Passed Permit Review	

Total: 1 comment(s)

**Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
402595478	SUNDRY NOTICE APPROVED-LOC-OBJ-NAME-DRLG-CSG
402596848	WELL LOCATION PLAT
402596849	DEVIATED DRILLING PLAN
402596850	DIRECTIONAL DATA
402600368	FORM 4 SUBMITTED

Total Attach: 5 Files