

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: 402754933			
Date Received: 07/21/2021			

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: 52530 Contact Name Jody Kost
 Name of Operator: MAGPIE OPERATING INC Phone: (719) 429-1434
 Address: 2707 SOUTH COUNTY RD 11 Fax: ()
 City: LOVELAND State: CO Zip: 80537 Email: magpieoil2@yahoo.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 069 06535 00 OGCC Facility ID Number: 479729
 Well/Facility Name: Bunker 8 Well/Facility Number: 2H
 Location QtrQtr: NESW Section: 29 Township: 5N Range: 68W Meridian: 6
 County: LARIMER Field Name: LOVELAND
 Federal, Indian or State Lease Number: _____

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 40.369320 GPS Quality Value: 1.2 Type of GPS Quality Value: PDOP Measurement Date: 07/20/2021
 Longitude -105.032010

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>1990</u>	<u>FSL</u>	<u>2275</u>	<u>FWL</u>
<u>1990</u>	<u>FSL</u>	<u>2275</u>	<u>FWL</u>

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

Current **Surface** Location **From** QtrQtr NESW Sec 29 Twp 5N Range 68W Meridian 6
 New **Surface** Location **To** QtrQtr NESW Sec 29 Twp 5N Range 68W Meridian 6

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

<u>989</u>	<u>FSL</u>	<u>643</u>	<u>FEL</u>
<u>1089</u>	<u>FSL</u>	<u>643</u>	<u>FEL</u>

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

Current **Top of Productive Zone** Location **From** Sec 29 Twp 5N Range 68W
 New **Top of Productive Zone** Location **To** Sec 29 Twp 5N Range 68W

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

<u>984</u>	<u>FSL</u>	<u>1990</u>	<u>FEL</u>
<u>1084</u>	<u>FSL</u>	<u>1990</u>	<u>FEL</u>

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

Current **Bottomhole** Location Sec 30 Twp 5N Range 68W ** attach deviated drilling plan
 New **Bottomhole** Location Sec 30 Twp 5N Range 68W

Is location in High Density Area? No

Distance, in feet, to nearest building 1883, public road: 1989, above ground utility: 2229, railroad: 5280,
 property line: _____, lease line: 643, well in same formation: _____

Ground Elevation 4994 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>
NIOBRARA	NBRR	384-3	3280	4N-68W Sec 5: W/2NE/4, NW/4,

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 BUNKER 8 Number 2H 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 07/25/2021

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:

Due to anti-collision safety concerns, Magpie proposes to move the Landing Zone and Bottom-hole further north to avoid the existing wellbores in the area.

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	36	30		40	0	40	120	40	0
SURF	13+1/2	9+5/8		36	0	1550	565	1550	0
S.C. 1.1	8+1/2	5+1/2		20	0	12482	1824	12482	

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	0	0	995	995	1001-10000	Groundwater Sample	Aquifer review on DWR showed no data for this area; TDS and depths are from Groundwater sampling sites on COGCC.
Confining Layer	Parkman	995	995	1700	1610			
Hydrocarbon	Sussex	1700	1610	2200	1990			
Hydrocarbon	Shannon	2200	1990	5755	4470			
Confining Layer	Sharon Springs	5755	4470	5800	4500			
Hydrocarbon	Niobrara	5800	4500	12482	4614			Btm MD=TD, Btm TVD=TV D @ BHL, since well is drilled with inclination > 90 deg

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:

This sundry updates the directional drilling plan to avoid existing wells for anti-collision.
It changes the target formation from Codell to Niobrara.
It updates the casing and cementing to reflect these changes in depth and length.

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

Signed: _____ Print Name: Jessica Donahue
Title: Compliance Specialist Email: jdonahue@ardorenvironmental.com Date: 7/21/2021

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

COGCC Approved: GARRISON, PENNY Date: 7/26/2021

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type

Description

0 COA

General Comments

User Group

Comment

Comment Date

Engineer Combined the 2 entries for 1st string into a single entry. Operator concurs. 07/23/2021

Total: 1 comment(s)

Attachment List

Att Doc Num

Name

402754933	SUNDRY NOTICE APPROVED-LOC-OBJ-DRLG-CSG
402755066	DIRECTIONAL DATA
402755071	WELL LOCATION PLAT
402755074	DEVIATED DRILLING PLAN
402759294	FORM 4 SUBMITTED

Total Attach: 5 Files