

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

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DE	ET	OE	ES
Document Number: <b>400987743</b>			
Date Received: <b>02/15/2016</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: 96155	Contact Name: Michael Brown	Complete the Attachment Checklist
Name of Operator: WHITING OIL & GAS CORPORATION	Phone: (307) 237-9310	
Address: 1700 BROADWAY STE 2300	Fax: ( )	
City: DENVER State: CO Zip: 80290 Email: ml_brown@bresnan.net		
API Number : 05- 123 42114 00	OGCC Facility ID Number: 443050	Survey Plat
Well/Facility Name: Horsetail	Well/Facility Number: 07G-0610	Directional Survey
Location QtrQtr: SWNE Section: 7 Township: 10N Range: 57W Meridian: 6		Srvc Eqpmt Diagram
County: WELD Field Name: WILDCAT		Technical Info Page
Federal, Indian or State Lease Number:		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: 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 7

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 7

New Top of Productive Zone Location To

Sec 7

Change of Bottomhole Footage From Exterior Section Lines:

Change of Bottomhole Footage To Exterior Section Lines:

Current Bottomhole Location

Sec 6

Twp 10N

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	
2646	FNL	1738	FEL
Twp 10N	Range 57W	Meridian 6	
Twp	Range	Meridian	
2524	FNL	2100	FEL
2558	FNL	2145	FEL
			**
Twp 10N	Range 57W		
Twp 10N	Range 57W		
1337	FNL	2123	FEL
			**
			** 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>
NIOBRARA	NBRR	535-508	960	N/2 S7, All S6

**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 HORSETAIL Number 07G-0610 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: Change Drilling & Directional Plans

**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 02/15/2016

☐ 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:

The well will be drilled to a KOP at 5293' TVD. A curve will be built to landed in the Niobrara at 5814' TVD. The lateral will be drilled with a 7.875 bit to TD at 12697 MD. A 5-1/2" casing string will be run with a marker joint to isolate the legal productive interval and cemented to surface. If hole issues occur during the drilling operation we will revert to the outlined contingency drilling program.

#### 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	24				20				92	0	80	179	80	0
Surface String	13	1		2	9	5		8	36	0	1800	798	1800	0
First String	7	7		8	5	1		2	20	0	12697	1567	12697	0

#### 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**

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

**Operator Comments:**

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

Signed: \_\_\_\_\_ Print Name: Michael Brown  
Title: Agent Email: ml\_brown@bresnan.net Date: 2/15/2016

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

COGCC Approved: ANDRUS, KATRINA Date: 3/8/2016

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

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**General Comments****User Group****Comment****Comment Date**

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Total: 0 comment(s)

**Attachment Check List****Att Doc Num****Name**

400987743	FORM 4 SUBMITTED
400987788	DIRECTIONAL DATA
400987795	DEVIATED DRILLING PLAN
400987796	OTHER
400989189	WELL LOCATION PLAT

Total Attach: 5 Files