

**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: <b>400715108</b>			
Date Received: <b>10/23/2014</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: 46685 Contact Name Paul Belanger  
 Name of Operator: KINDER MORGAN CO2 CO LP Phone: (970) 882-2464  
 Address: 17801 HWY 491 Fax: (970) 882-5521  
 City: CORTEZ State: CO Zip: 81321 Email: Paul\_Belanger@kindermorgan.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 083 06718 00 OGCC Facility ID Number: 438273  
 Well/Facility Name: CD Well/Facility Number: 4  
 Location QtrQtr: NWSE Section: 18 Township: 38N Range: 18W Meridian: N  
 County: MONTEZUMA Field Name: MCELMO  
 Federal, Indian or State Lease Number: \_\_\_\_\_

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 \_\_\_\_\_ PDOP Reading \_\_\_\_\_ Date of Measurement \_\_\_\_\_  
 Longitude \_\_\_\_\_ GPS Instrument Operator's Name \_\_\_\_\_

**LOCATION CHANGE (all measurements in Feet)**

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

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

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

Current **Surface** Location **From** QtrQtr NWSE Sec 18

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 18

New **Top of Productive Zone** Location **To** Sec 18

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

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

Current **Bottomhole** Location Sec 18 Twp 38N

New **Bottomhole** Location Sec 18 Twp 38N

Is location in High Density Area? No

Distance, in feet, to nearest building \_\_\_\_\_, public road: \_\_\_\_\_, above ground utility: \_\_\_\_\_, railroad: \_\_\_\_\_,

property line: \_\_\_\_\_, lease line: 261, well in same formation: 5280

Ground Elevation \_\_\_\_\_ feet Surface owner consultation date \_\_\_\_\_

FNL/FSL		FEL/FWL	
<u>1580</u>	<u>FSL</u>	<u>2356</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>38N</u>	Range <u>18W</u>	Meridian <u>N</u>	
Twp _____	Range _____	Meridian _____	
<u>1902</u>	<u>FSL</u>	<u>3152</u>	<u>FWL</u>
<u>1582</u>	<u>FSL</u>	<u>3051</u>	<u>FWL</u> **
Twp <u>38N</u>	Range <u>18W</u>		
Twp <u>38N</u>	Range <u>18W</u>		
<u>2286</u>	<u>FNL</u>	<u>2144</u>	<u>FWL</u>
<u>1582</u>	<u>FSL</u>	<u>3051</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 CD Number 4 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 10/27/2014

☐ 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:

changing from one long horizontal to a vertical - or as near a vertical as possible to avoid fed minerals immediately to the east and under SHL.. See attached added submit comments, new drilling plans, plat and surveys attached as well as casing tab for changes.

#### 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	80	100	80	0
Surface String	12	1		4	9	5		8	36	0	2323	1300	2823	0
First String	8	3		4	7				29/32	0	8315	2100	8315	0
1ST LINER	6				4	1		2	13	8315	8725	100		

#### 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**

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Operator Comments:

This is a sundry to change BHL from a long horizontal to an offset directional to avoid fed minerals; it would have otherwise been a change to simply a vertical wellbore. Casing changes reflected in casing tab.  
There are no changes in BMPs.  
There are no wells within 1500 feet; no fracking is being planned.  
There are no other changes to the original APD.  
Attached are new plat, drilling plans and directional surveys

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

Signed: \_\_\_\_\_ Print Name: Paul E. Belanger  
Title: Regulatory Contractor Email: Paul\_Belanger@kindermorgan.com Date: 10/23/2014

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

COGCC Approved: WEEMS, MARK Date: 11/3/2014

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

- 1) Provide 48 hour notice of spud to COGCC and submit via form 42
- 2) The operator shall comply with Rule 321 and it shall be the operator's responsibility to ensure that the well bore complies with setback requirements in Commission orders and/or rules prior to producing the well.
- 3) Run and submit Directional Survey from the KOP of the pilot well bore through to TD for each lateral section
- 4) Borehole problems while drilling that require an additional sidetrack: Contact & discuss w/ COGCC Regional Engineer – Mark Weems within 24 hours of occurrence  
  
970-259-4587 off  
970-749-0624 cell  
mark.weems@state.co.us
- 5) Follow CO2 venting and monitoring procedures as per procedure prepared by KM, dated June 26, 2014 REV3 and approved by the COGCC Field Inspection Unit.
- 6) Submit CBL on 7" O.D. production casing and the 4 1/2" OD liner

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

Permit	Attached new drilling plan and well location plat.	10/23/2014 1:32:58 PM
Permit	Requested a new well location plat. And revising drilling plan.	10/23/2014 10:22:07 AM
Permit	Well went from horizontal to directional.	10/23/2014 10:14:04 AM

Total: 3 comment(s)

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

2519392	WELL LOCATION PLAT
2519393	DRILLING PLAN
400715108	FORM 4 SUBMITTED
400715114	DIRECTIONAL DATA
400715293	DIRECTIONAL SURVEY

Total Attach: 5 Files