

FORM
5A

Rev
02/08

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400126700

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 47120 4. Contact Name: Cindy Vue
2. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6832
3. Address: P O BOX 173779 Fax: (720) 929-7832
City: DENVER State: CO Zip: 80217-37

5. API Number 05-123-22310-00 6. County: WELD
7. Well Name: LUDWIG Well Number: 21-5
8. Location: QtrQtr: NENW Section: 5 Township: 3N Range: 65W Meridian: 6
9. Field Name: _____ Field Code: _____

Completed Interval

FORMATION: <u>CODELL</u>		Status: <u>COMMINGLED</u>	
Treatment Date: <u>02/25/2010</u>		Date of First Production this formation: <u>11/03/2004</u>	
Perforations	Top: <u>7290</u>	Bottom: <u>7304</u>	No. Holes: <u>56</u> Hole size: <u>0.45</u>
Provide a brief summary of the formation treatment:		Open Hole: <input type="checkbox"/>	
<div>Drilled out CIBP to commingle with NBRR production and J Sand.</div>			
This formation is commingled with another formation:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Test Information:			
Date: _____	Hours: _____	Bbls oil: _____	Mcf Gas: _____ Bbls H2O: _____
Calculated 24 hour rate: _____		Bbls oil: _____	Mcf Gas: _____ Bbls H2O: _____ GOR: _____
Test Method: _____	Casing PSI: _____	Tubing PSI: _____	Choke Size: _____
Gas Disposition: _____	Gas Type: _____	BTU Gas: _____	API Gravity Oil: _____
Tubing Size: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____
Reason for Non-Production: _____			
<div></div>			
Date formation Abandoned: _____		Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____
Bridge Plug Depth: _____		Sacks cement on top: _____	

FORMATION: <u>J SAND</u>			Status: <u>PRODUCING</u>		
Treatment Date: <u>02/25/2010</u>		Date of First Production this formation: <u>03/06/2006</u>			
Perforations	Top: <u>7744</u>	Bottom: <u>7816</u>	No. Holes: <u>132</u>	Hole size: <u>0.38</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
<div style="border: 1px solid black; padding: 2px;">Remove CIBP and commingle well with NB/CD production.</div>					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Test Information:					
Date: <u>01/15/2011</u>	Hours: <u>24</u>	Bbls oil: <u>0</u>	Mcf Gas: <u>11</u>	Bbls H2O: <u>0</u>	
Calculated 24 hour rate:		Bbls oil: <u>0</u>	Mcf Gas: <u>11</u>	Bbls H2O: <u>0</u>	GOR: <u>0</u>
Test Method: <u>FLOWING</u>	Casing PSI: <u>366</u>	Tubing PSI: <u>331</u>	Choke Size: <u>24/64</u>		
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	BTU Gas: <u>1201</u>	API Gravity Oil: <u>59</u>		
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>7705</u>	Tbg setting date: <u>02/25/2010</u>	Packer Depth: _____		
Reason for Non-Production:					
Date formation Abandoned: _____		Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____		
Bridge Plug Depth: _____		Sacks cement on top: _____			

FORMATION: <u>NIOBRARA-CODELL</u>			Status: <u>PRODUCING</u>		
Treatment Date: <u>02/25/2010</u>		Date of First Production this formation: <u>03/01/2010</u>			
Perforations	Top: <u>7013</u>	Bottom: <u>7304</u>	No. Holes: <u>122</u>	Hole size: <u>0.42</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
<div style="border: 1px solid black; padding: 2px;">Drilled out CIBP and commingle NB/CD and J Sand production.</div>					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Test Information:					
Date: <u>01/15/2011</u>	Hours: <u>24</u>	Bbls oil: <u>3</u>	Mcf Gas: <u>83</u>	Bbls H2O: <u>0</u>	
Calculated 24 hour rate:		Bbls oil: <u>3</u>	Mcf Gas: <u>83</u>	Bbls H2O: <u>0</u>	GOR: <u>27667</u>
Test Method: <u>FLOWING</u>	Casing PSI: <u>366</u>	Tubing PSI: <u>331</u>	Choke Size: <u>24/64</u>		
Gas Disposition: <u>SOLD</u>	Gas Type: <u>WET</u>	BTU Gas: <u>1201</u>	API Gravity Oil: <u>59</u>		
Tubing Size: <u>2 + 3/8</u>	Tubing Setting Depth: <u>7705</u>	Tbg setting date: <u>02/25/2010</u>	Packer Depth: _____		
Reason for Non-Production:					
Date formation Abandoned: _____		Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____		
Bridge Plug Depth: _____		Sacks cement on top: _____			

FORMATION: NIOBRARA Status: COMMINGLED

Treatment Date: 02/25/2010 Date of First Production this formation: 11/20/2009

Perforations Top: 7013 Bottom: 7172 No. Holes: 66 Hole size: 0.42

Provide a brief summary of the formation treatment: Open Hole: ☐

Drilled out CIBP to commingle with CODL production and J Sand.

This formation is commingled with another formation: ☒ Yes ☐ No

Test Information:

Date: _____ Hours: _____ Bbls oil: _____ Mcf Gas: _____ Bbls H2O: _____

Calculated 24 hour rate: _____ Bbls oil: _____ Mcf Gas: _____ Bbls H2O: _____ GOR: _____

Test Method: _____ Casing PSI: _____ Tubing PSI: _____ Choke Size: _____

Gas Disposition: _____ Gas Type: _____ BTU Gas: _____ API Gravity Oil: _____

Tubing Size: _____ Tubing Setting Depth: _____ Tbg setting date: _____ Packer Depth: _____

Reason for Non-Production:

Date formation Abandoned: _____ Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt _____

Bridge Plug Depth: _____ Sacks cement on top: _____

Comment:

ATTN: DARLA GEIMAU SADDLE

This well is on the Delinquency List for NBRR reports missing 4/2010-9/2010. This Form 5A is the most up to date on record. Thank you.

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

Signed: _____ Print Name: Cindy Vue

Title: Regulatory Analyst II Date: _____ Email Cindy.Vue@anadarko.com

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Based on the information provided herein, this Completed Interval Report (Form 5A) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

Attachment Check List

Att Doc Num	Name

Total Attach: 0 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)