

FORM  
5

Rev  
02/20

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400491326

Date Received:

## DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and/or cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: <u>69175</u>	Contact Name: <u>Cassie Gonzalez</u>
Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(303) 860-5800</u>
Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>Cassie.Gonzalez@pdce.com</u>

API Number <u>05-123-36957-00</u>	County: <u>WELD</u>
Well Name: <u>WASTE MANAGEMENT</u>	Well Number: <u>2L-421</u>
Location: QtrQtr: <u>SESW</u> Section: <u>2</u> Township: <u>2N</u> Range: <u>64W</u> Meridian: <u>6</u>	
	FNL/FSL <span style="float: right;">FEL/FWL</span>
Footage at surface: Distance: <u>230</u> feet Direction: <u>FSL</u> Distance: <u>2080</u> feet Direction: <u>FWL</u>	
As Drilled Latitude: <u>40.160830</u> As Drilled Longitude: <u>-104.520860</u>	
GPS Data: GPS Quality Value: <u>2.0</u> Type of GPS Quality Value: <u>PDOP</u> Date of Measurement: <u>10/20/2013</u>	
GPS Instrument Operator's Name: <u>Holly L. Tracy</u>	FNL/FSL <span style="float: right;">FEL/FWL</span>
** If directional footage at Top of Prod. Zone Dist: <u>805</u> feet Direction: <u>FSL</u> Dist: <u>1801</u> feet Direction: <u>FWL</u>	
Sec: <u>2</u> Twp: <u>2N</u> Rng: <u>64W</u>	FNL/FSL <span style="float: right;">FEL/FWL</span>
** If directional footage at Bottom Hole Dist: <u>501</u> feet Direction: <u>FNL</u> Dist: <u>1825</u> feet Direction: <u>FWL</u>	
Sec: <u>2</u> Twp: <u>2N</u> Rng: <u>64W</u>	
Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>	
Federal, Indian or State Lease Number: _____	

Spud Date: (when the 1st bit hit the dirt) 07/16/2013 Date TD: 07/25/2013 Date Casing Set or D&A: 07/21/2013  
 Rig Release Date: 08/16/2013 Per Rule 308A.b.

Well Classification:

Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

Total Depth MD 11433 TVD\*\* 7031 Plug Back Total Depth MD 11425 TVD\*\* 7031

Elevations GR 4934 KB 4949 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:

CBL, MUD

### **CASING, LINER AND CEMENT**

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	13+3/4	9+5/8	36	0	931	840	0	931	VISU
1ST	8+3/4	7	26	0	7,398	540	700	7,398	CBL
1ST LINER	6+1/8	4+1/5	13.5	7275	11,429				

### **STAGE/TOP OUT/REMEDIAL CEMENT**

Cement work date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

### **FORMATION LOG INTERVALS AND TEST ZONES**

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
PARKMAN	3,949				
SUSSEX	4,257				
SHANNON	5,224				
SHARON SPRINGS	6,645				
NIOBRARA	6,760				
FORT HAYS	7,470				
CODELL	7,487				

Operator Comments:

No open hole logs were run on this pad. APD was approved with no logging BMPs or exceptions.  
MUD log ran in place of MWD.  
Corrections on CBL made by operator due to vendor losing large database files in a truck fire.  
TOC comments from our Engineer: 7" TOC, lower amplitude and VDL indicating bonding to pipe and formation.

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

Signed: \_\_\_\_\_

Print Name: Cassie Gonzalez

Title: Regulatory Technician

Date: \_\_\_\_\_

Email: Cassie.Gonzalez@pdce.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
402332723	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
402332728	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
402332717	LAS-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402332718	PDF-CBL 1ST RUN	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402332725	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402336487	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
402336488	LAS-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Return to draft for AOC settlement.	09/06/2016
Permit	Returned to Draft per operator's request.	05/07/2015

Total: 2 comment(s)

