**FORM** 21 Rev 08/14

## State of Colorado Oil and Gas Conservation Commission

**Document Number:** 

400934484

Date Received:

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

## **MECHANICAL INTEGRITY TEST**

- 1. Duration of the pressure test must be a minimum of 15 minutes.
- An original pressure chart must accompany this report if this test was not witnessed by an OGCC representative.
   Injection well tests must be witnessed by an OGCC representative.
   For production wells, test pressures must be at a minimum of 300 psig.
- 4. New injection wells must be tested to maximum requested injection pressure.
- 5. For injection wells, test pressures must be at least 300 psig or average injection pressure, whichever is greater.
- A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.
   Do not use this form if submitting under provisions of Rule 326.a(1)B. or C.
   Written OGCC notification must be provided 10 days prior to the test via Form 42, Field Operations Notice
   Packers or bridge plugs, etc., must be set within 100 feet of the perforated interval to be considered a valid test.

Complete the Attachment

Checklist

a. Fackers of bridge pic	igs, etc., iii	ust be set within To	o leet of the p	enorated interv	al to be consid	iereu a valiu tes	ι.		OP OGCC	
OGCC Operator Number:			5	Contact Name Jenifer Hakkarinen		rinen	Pressure Chart			
Name of Operator: PDC ENERGY INC						Phone: (30	3) 8605800	Cement Bond Log		
Address: 1775 SHERMAN STREET - STE 3000								Tracer Survey		
City: DENVER		State:	CO Zip:	80203	Email: .	Jenifer.Hakka	rinen@pdce.com	Temperature Survey	<i>'</i>	
API Number : 05- 123-25043 OGCC Facility ID Number: 290272								Inspection N	umber	
Well/Facility Name:	HLHOFF	F Well/Facility Number: 44-2								
Location QtrQtr:	SESE	Section:	2 T	ownship: 6	N F	Range: 63W	Meridian: 6	3		
SHUT-IN PROD	UCTION V	VELL [	INJECTIO	ON WELL	Last	MIT Date:				
Test Type:    X   Test to Maintain SI/TA status										
Wellbore Data at T	ime of Te	st						Casing Test		
Injection Producing Zone(s)		s) F	Perforated Interval		Open Hole Interval			Use when perforations or open hole is		
NB-CI	664	6645-6826					lge plug or cement plug; use if aly with plug back total depth.			
Tubing Casing/Ann	ulus Test	'		•				Plug or Cement Plug I	·	
Tubing Size: Tubing D		ubing Depth:	epth: Top Packer Depth:		Multiple Packers?			6612	Берш	
					I			0012		
			1	est Data (U	se -1 for a v	acuum)				
Test Date	Well Status During Test		st Casino	Casing Pressure Befo				Final Tubing Pre	Final Tubing Pressure	
11-05-2015		SHUT -IN		0			0	0	,	
Casing Pressure Star	t Test	Casing Pressu			ssure - 10 M	n. Casing	Pressure Final Tes		Pressure Loss or Gain	
525		529			529		529	4		
Test Witnessed by State Representative? OGCC Field Representative  I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.										
	tatements	made in this for	m are, to the	best of my ki	_					
Signed: Print Name: Jenifer Hakkarinen										
Title: Reg Tech Email: Jenifer.Hakkarinen@pdce.com Date:										
Based on the inform	ation prov	rided herein, this	Notice (For	m 21) complie	es with COG	CC Rules and	applicable orders a	and is hereby approved	d.	
COGCC Approved: Date:										
CONDITIONS OF APPROVAL, IF ANY:										

General Comments						
User Group	Comment		Comment Date			
Total: 0 comment(s)						