

PDC Energy, Inc.  
1775 Sherman Street, Suite 3000  
Denver, CO 80203

Attachment for Form 42 Associated with COGCC Inspection #671100039  
Green 22-24H  
Section 24, Township 7N, Range 65W, Qtr Qtr SENW

Dear COGCC,

As outlined in the COGCC inspection completed at the Green 22-24H, PDC Energy, Inc. completed the corrective actions outlined in the inspection except for installing placards on the separator at this location as the operating capacity for this separator is approximately 7.85 barrels (330 gallons). This operating volume is less than the 10 barrel volume that is outlined in COGCC Rule 210.d(1). PDC has attached a specification sheet for this separator that shows its total operating capacity.

# Equipment Specification Sheet

**Equipment Part Number:** L10-0008-000  
**Equipment Description:** SEPARATOR 30" X 10' X 300# SINGLE FLANGE

## Vessel Specifications:

All vessels shall be constructed in accordance with ASME Section VIII Division I

Code Date: 2010 Edition Addenda: 2011

Vessel #1:		LP Vessel	
Shell:			
Outside Dia:	30	Length (S/S):	10'
Material:	SA-36	Thickness:	0.375
Head:			
Outside Dia:	30	Type:	ELLIPTICAL 2:1
Material:	SA-516 G70N	Thickness:	0.375
MAWP:	300 PSI	Temp:	650 ° F
MDMT:	-10 ° F	Pressure:	300 PSI
Designed Operating Conditions:			
Liquid Volume:			
Liquid:	330 gal	Level:	30"
Water Box:	11.5 gal		
Oil Box:	12.3 gal		
Flow Rates:			
Gas Flow Rate:	3.3 mmcf @ 60% MAWP		
Liquid Flow Rate	2500 b/d @ 3 min Ret		
Instrumentation:			
Level Control (LP Vessel)		WELLMARK SNAPTROL ST4UP	
Discharge Valve (LP Vessel)		KIMRAY 2200 SMA	
PRV (Size, Pressure, Orifice)		2" X 2", 300#, F - ORIFICE	
Rupture Disc (Size and Pressure)		1-1/2", MIN 315#, MAX 330#	
Coil (Length)		973 in @ 2-3/8" O.D.	
Firetube (Size and Length)		216.5 in @ 8-5/8" O.D.	
Burner (Size)		500K BTU	
Hi/Lo Controller		FISHER 4660 XF	
Anode (Size and Material)		MAGNESIUM ALLOY, 1-5/16" X 24"	

## Documentation:

Interface Control Drawing (ICD): L10-0008-000 ICD  
 Process and Instrumentation Diagram (P&ID): L10-0008-000 PID