

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 18 2009

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

Lm

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

OCD-ARTESIA

5. Lease Serial No

10384576

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Cedar Lake 35 Fed 1

Com

9. API Well No.

30-015-26969

10. Field and Pool, or Exploratory Area

Loco Hills; Atoka

11. County or Parish, State

Eddy

NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>Meter Exception</u>                    |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Cedar Lake 35 Fed Com 1 is the nearest well to the compressor station:

EOG Resources requests a variance to use CPA flow conditioners for the following meter:

Ranger Sand Tank Frontier sales meter number 063-85-524, EOG meter number 61683010

Attached are CPA flow conditioner specifications and related flow schematics.

**REJECTED:** No approval for off lease measurement and sales, commingling of production is not approved. This need to be corrected prior to any approvals being issued. Commingling with production other than federal may not be approved.

Due to ongoing production inspections on these leases the following Federal Regulations are in question.  
43CFR3162.7-3/Onshore Order  
#5,III,A,B,C 22,D 2

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Stan Wagner

Title Regulatory Analyst

Signature

Date 6/15/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

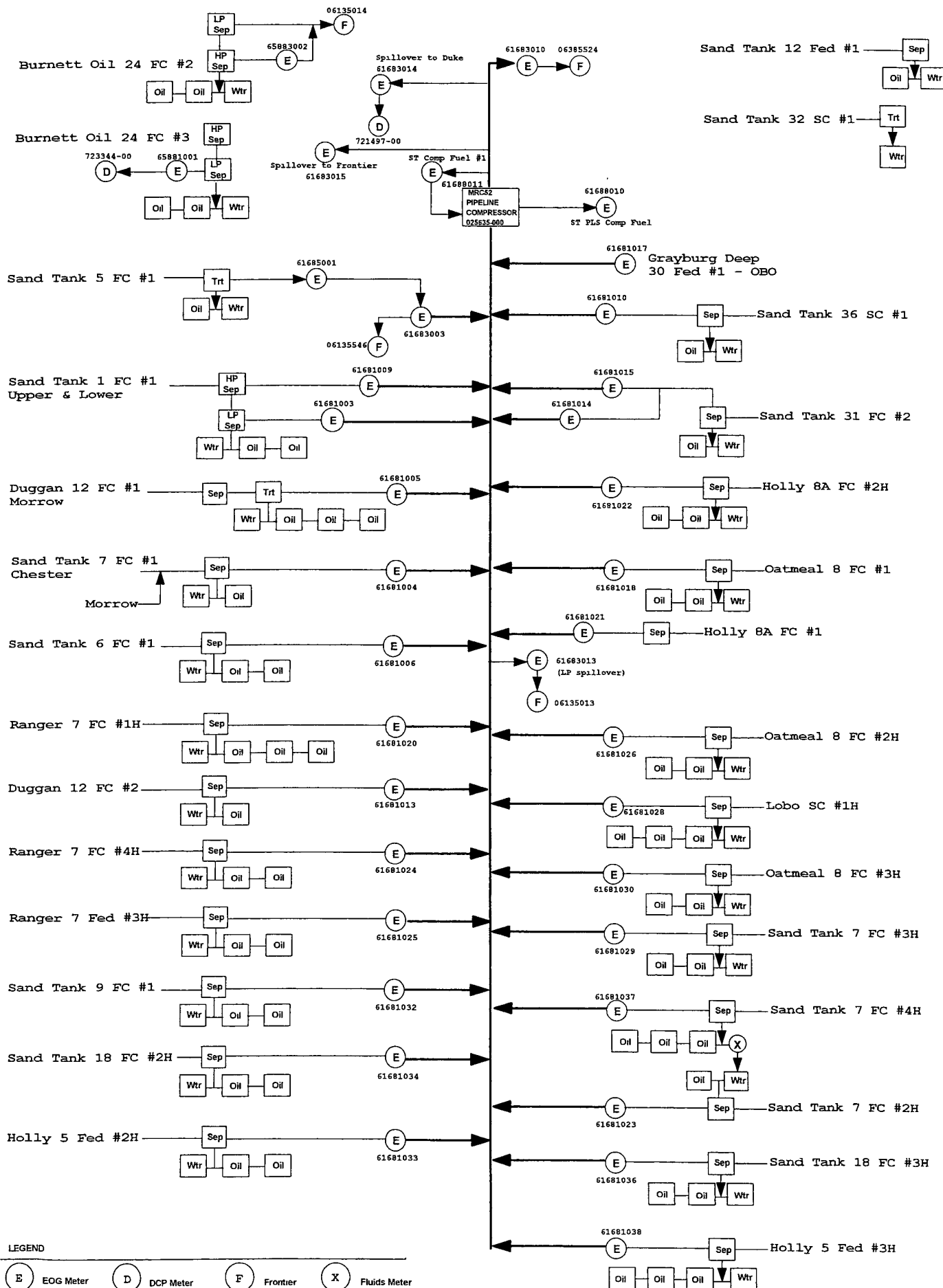
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MR



**DANIEL**

INDUSTRIES, INC. Flow Products Division

9720 Katy Road • P.O. Box 19097 • Houston, Texas 77224 • (713) 827-5099 • FAX (714) 827-3822

**MICROMETER REPORT**

Tube Serial No.: 98-330372

Work Order No.: 4985

Sales Order No.: HM-57401

Customer: ENRON LIQUIDS P/L CO.

Purchase Order No.: RED HILLS CHECK METER

Catalog No.: 3M-015C

Fitting Serial No.: 98090112

Nominal Size: 8.000" Schedule: 80

ANSI Rating: 600#

Design Standard: API 14.3

Operator

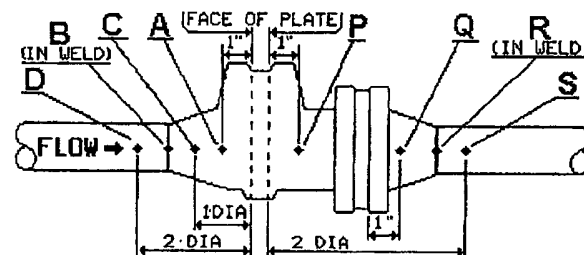
Temperature

Upstream MOSES

Upstream 80 °F

Downstream MOSES

Downstream 80 °F

**FLANGNECK ORIFICE FITTING**

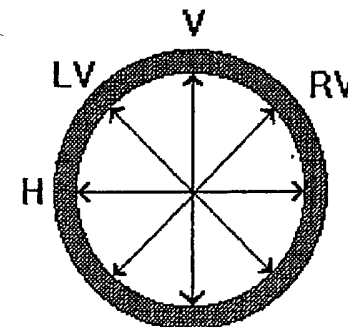
NOTE: IF "C" FALLS IN WELD, REPORT AS "B"

TYPE	A	B	C	D	E	P	Q	R	S
V	7.628	7.627	7.627	7.623		7.627	7.625	7.627	7.627
LV	7.627	7.623	7.623	7.623		7.626	7.625	7.629	7.624
RV	7.627	7.628	7.628	7.629		7.626	7.626	7.627	7.626
H	7.628	7.630	7.630	7.626		7.626	7.626	7.630	7.624
Mean Avg.	7.628	← Meter Tube I.D.			Temperature 80.0° F				

\*

7.628

Actual I.D. corrected to 68 F. Stamp this I.D. on meter tube and use for discharge coefficient calculations. [Dr]

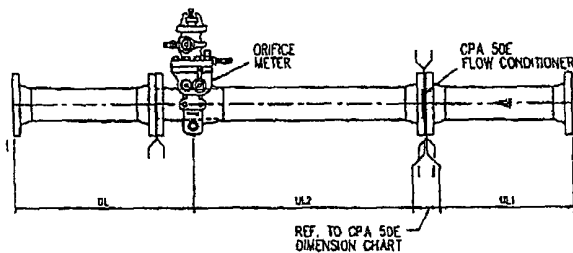


Red Hills Steel  
Co. Inc.

# Flow Conditioner CPA 50E Installation Specifications

March 2002

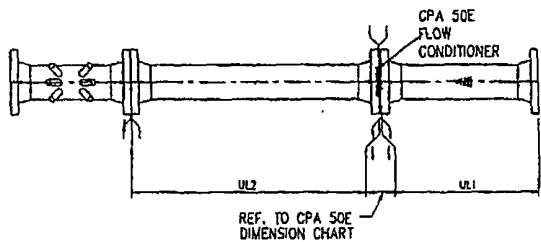
## CPA 50E / Orifice Meter:



ORIFICE METER RUN LENGTHS - To the nearest inch				
NPS	SCHEDULE	UL1 (5 Dia.)	UL2 (8 Dia.)	UL (5 Dia.)
2	40/80	10	16	10
4	40/80	20	32	20
6	40/80	30	48	30
8	40/STD.	40	64	40
8	80/XS	38	61	38
10	40/STD.	50	80	50
10	80/XS	49	78	49
10	80	48	76.5	48
12	STD.	60	96	60
12	40	60	95.5	60
12	XS	59	94	59
12	80	57	91	57
16	STD.	76	122	76
16	40/XS	75	120	75
16	80	71.5	114.5	71.5

20 and larger, Contact Canada Pipeline Accessories Co. Ltd. 1-888-FIX-FLOW

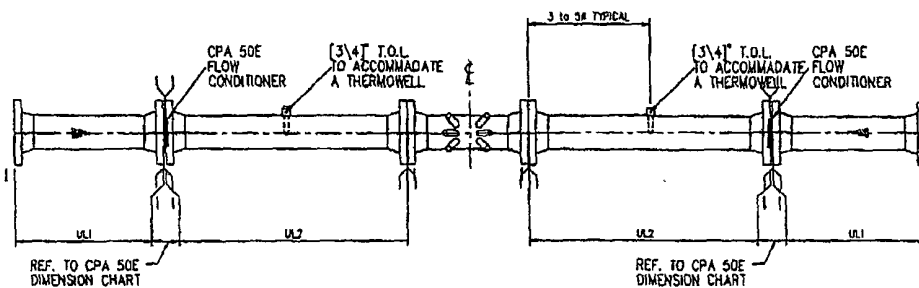
## CPA 50E / Ultrasonic Meter Uni-directional:



ULTRASONIC METER RUN LENGTHS			
NPS	SCHEDULE	UL1 (5 Dia.)	UL2 (8 Dia.)
2	40/80	10	16
4	40/80	20	32
6	40/80	30	48
8	40/STD.	40	64
8	80/XS	38	61
10	40/STD.	50	80
10	80/XS	49	78
10	80	48	76.5
12	STD.	60	96
12	40	60	95.5
12	XS	59	94
12	80	57	91
16	STD.	76	122
16	40/XS	75	120
16	80	71.5	114.5

20 and larger, Contact Canada Pipeline Accessories Co. Ltd.  
1-888-FIX-FLOW

## CPA 50E / Ultrasonic Meter Bi-directional:



ULTRASONIC METER RUN LENGTHS			
NPS	SCHEDULE	UL1 (5 Dia.)	UL2 (8 Dia.)
2	40/80	10	16
4	40/80	20	32
6	40/80	30	48
8	40/STD.	40	64
8	80/XS	38	61
10	40/STD.	50	80
10	80/XS	49	78
10	80	48	76.5
12	STD.	60	96
12	40	60	95.5
12	XS	59	94
12	80	57	91
16	STD.	76	122
16	40/XS	75	120
16	80	71.5	114.5

20 and larger, Contact Canada Pipeline Accessories Co. Ltd.  
1-888-FIX-FLOW

THESE DIMENSIONS ARE RECOMMENDED MINIMUM LENGTHS.  
THIS DRAWING DOES NOT REPLACE THE STANDARD  
THERE ARE OTHER REQUIREMENTS FOR A COMPLIANT METER RUN AND THE  
STANDARD MUST BE CAREFULLY FOLLOWED.



Canada Pipeline Accessories

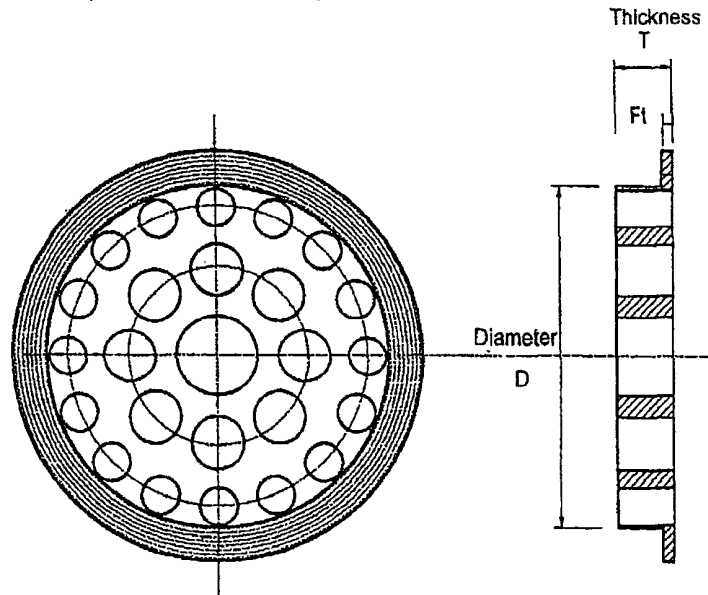
1-888-349-3569

<http://www.flowconditioner.com>

403 236 0019

# CPA 50E Dimensional Specifications ( Type A )

Standard Dimensions (ANSI 300,600,900#)



Size	D – Diameter Schedule 40/80		T – Thickness Schedule 40/80		Ft – Flange Thickness
1 1/2	1.610	1.500	0.240	0.225	0.125
2	2.067	1.939	0.310	0.290	0.125
3	3.068	2.900	0.460	0.435	0.250
4	4.026	3.826	0.600	0.574	0.250
6	6.065	5.761	0.900	0.864	0.250
8	7.981	7.625	1.190	1.144	0.250
10	10.020	9.562	1.500	1.434	0.250
12	11.938	11.374	1.790	1.700	0.250
16	15.000	14.312	2.250	2.147	0.250
20	18.812	17.938	2.820	2.690	0.375
24	22.624	21.562	3.390	3.230	0.500

**Notes:**

1. Dimensions in inches
2. Other sizes and specifications available, please contact us



## CPA 50E Specifications

### Application

The CPA 50E should be used wherever swirl-free, fully developed flow is required in gas and liquid process piping. The 50E effectively isolates the upstream piping and resulting swirl and distorted velocity profile to produce a fully developed profile 5 diameters downstream. The CPA 50E is ideally suited to flow measurement applications, with meters that are sensitive to swirl and velocity profile effects.

### Sizing

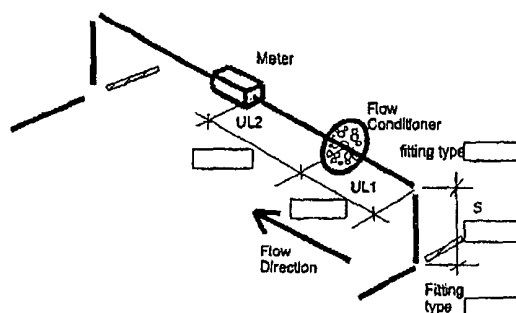
Each flow conditioner is sized to the specified internal diameter of the piping, to ensure proper flow conditioning. The section which inserts into the flange is machined to tight tolerances to self center in the pipe.

### Installation

The CPA 50E is usually installed between two raised face flanges. Standard CPA 50E Flange thickness ( dimensions are shown on the page reverse ), or flange thickness can be custom machined for specific applications.

The recommended installation for orifice and ultrasonic meters is 8 or more pipe diameters between the flow conditioner and the meter, and 5 diameters or more upstream of the flow conditioner to the nearest fitting or valve (shorter installations are possible; please contact CPA directly). The installation should be in compliance with A.G.A. 3 for orifice meters and with A.G.A. 9 for ultrasonic meters. For turbine meters, the flow conditioner should be installed 5D upstream of the meter, and 4D downstream of the nearest fitting or valve.

Fill in the sketch below with the existing or proposed metering piping with dimensions to assist us in specifying the correct placement of the CPA 50E flow conditioner:



### Pressure Rating

The CPA 50E standard is raised face flange faces, designed to fit the application (ANSI 150 to 2500). Other flange faces available by special order. The CPA 50E flow conditioner will meet the requirements of ASME B31.3 and B31.8. In the case of special designs or applications which are not covered by these codes, please contact Canada Pipeline Accessories.

### Materials

The CPA 50E is manufactured of 304 Stainless Steel. Other materials are available, ie ; titanium or duplex stainless.

### Specifications

<b>Meter Type</b>	<input type="checkbox"/> Ultrasonic	<input type="checkbox"/> Orifice
	<input type="checkbox"/> Turbine	<input type="checkbox"/> Other (Please Specify)
<b>Size</b>	Pipe Size _____	Schedule _____ I.D. _____
<b>Pressure Rating</b>	<input type="checkbox"/> ANSI (150 to 2500) _____	
	<input type="checkbox"/> Other (Please Specify) _____	
<b>Material</b>	<input type="checkbox"/> 304 SS	<input type="checkbox"/> Other (Please Specify)
<b>Style</b>	<input type="checkbox"/> Standard	<input type="checkbox"/> Other (Please Specify)
<b>Other Specifications</b>		

