Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

AUG 18 2009

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

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.

SUBMIT IN TRIPLICATE - *Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other **Variance for Gas Meter**

8. Well Name and No.
Jordan 22 Fee Com 1

2. Name of Operator
EOG Resources Inc.

9. API Well No.
30-015-34048

3a. Address
P.O. Box 2267 Midland, Texas 79702

3b. Phone No. *(include area code)*
432-686-3689

10. Field and Pool, or Exploratory Area
Collins Ranch; Wolfcamp Gas

4. Location of Well *(Footage, Sec , T., R., M., or Survey Description)*
Sec 22, T17S, R24E SE/4

11. County or Parish, State
Eddy NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other **Meter Exception**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.)

Jordan 22 Fee Com 1 is nearest well to the compressor station:

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

Thames to Agave, sales meter number 12221, EOG meter 67083005
Thames to Enterprise, sales meter number 68-672-01, EOG meter 67083004
Thames to DCP, sales meter number 722073-00, EOG meter 67083007

Thames compressor fuel #2, EOG meter number 67088002

Attached are CPA flow conditioner specifications and related flow schematics.

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 tr
Name *(Printed/Typed)*
Stan Wagner Title **Regulatory Analyst**

Signature Date **6/15/09**

E USE

Approved by Date

Conditions of approval, if ar
the applicant holds legal or e
entitle the applicant to condu

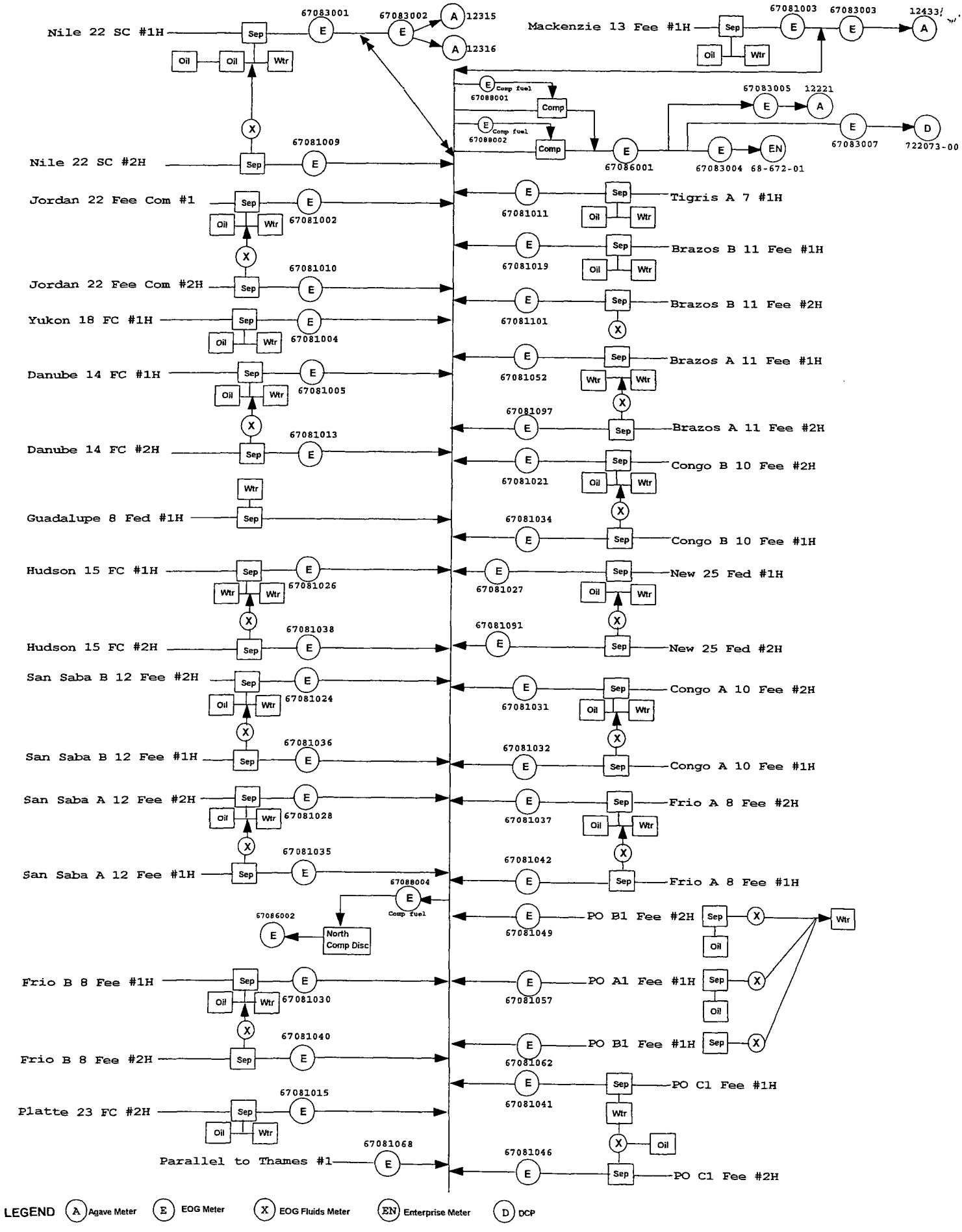
REJECTED: No approval for off lease measurement and sales, commingling of production is not approved. This need to be corrected prior to any approvals being issued. Commingling with production other than federal may not be approved.

Title 18 U S C. Section 100
fictitious or fraudulent state

to any department or agency of the United States any false,

THAMES 1

GJ 05/20/2009



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

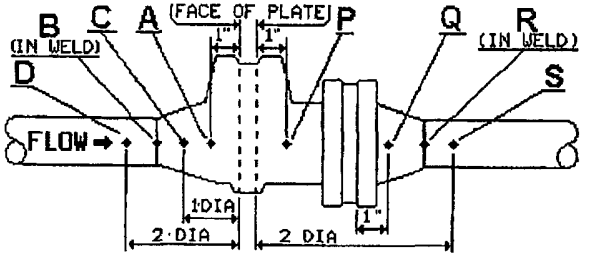
Fitting Serial No.: 98090112

Nominal Size: 8.000" Schedule: 80

ANSI Rating: 600#

Design Standard: API 14.3

FLANGNECK ORIFICE FITTING

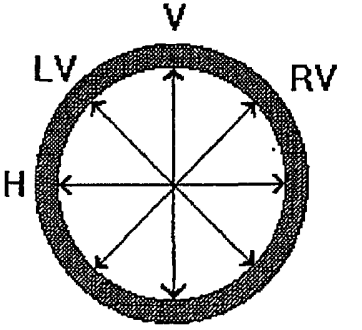


[redacted]

Operator		Temperature	
Upstream	MOSES	Upstream	80 °F
Downstream	MOSES	Downstream	80 °F

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]							



Richard D. Young

THIS IS TO CERTIFY THAT THE ABOVE READINGS ARE ACCURATE & CORRECT.

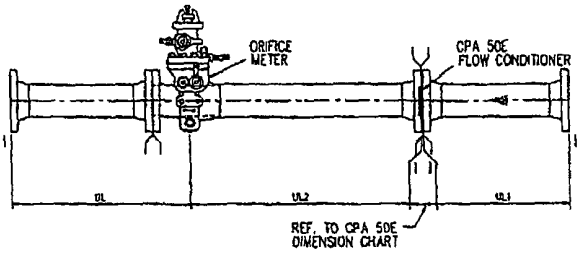
DATE: 08/27/98

Flow Conditioner

March 2002

CPA 50E Installation Specifications

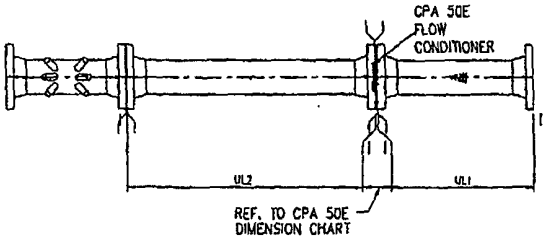
CPA 50E / Orifice Meter:



ORIFICE METER RUN LENGTHS – To the nearest Inch				
NPS	SCHEDULE	UL1 (5 Dia.)	UL2 (8 Dia.)	OL (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	60/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

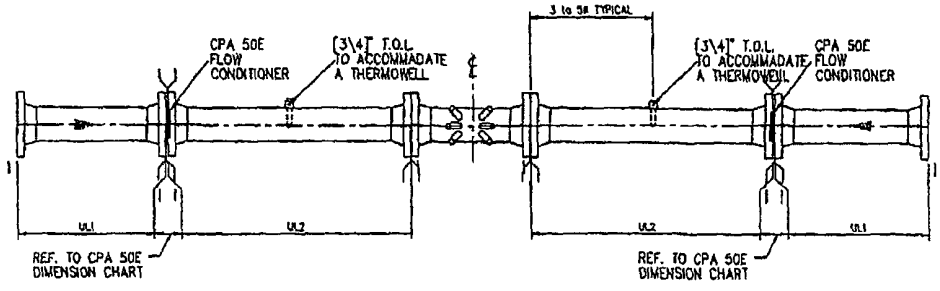
CPA 50E / Ultrasonic Meter Uni-directional:



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	60/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	60/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

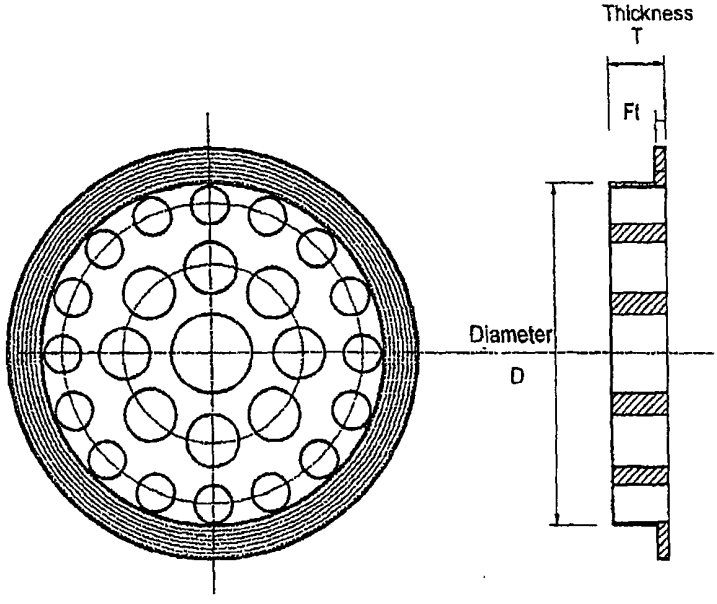
Canada Pipeline Accessories 1-888-349-3569 http://www.flowconditioner.com

403 236 0019

March 2002

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**

CANADA PIPELINE ACCESSORIES

March 2000

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

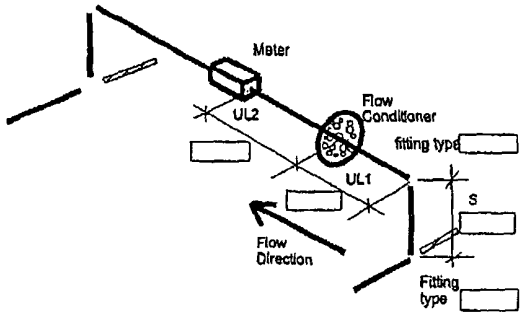
Each flow conditioner is sized to the specified internal diameter of the piping, to ensure proper flow conditioning. The section which inserts into the flange is machined to tight tolerances to self center in the pipe.

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

Meter Type	☐ Ultrasonic ☐ Orifice ☐ Turbine ☐ Other (Please Specify)
Size	Pipe Size Schedule I.D.
Pressure Rating	☐ ANSI (150 to 2500) _____ ☐ Other (Please Specify)
Material	☐ 304 SS ☐ Other (Please Specify)
Style	☐ Standard ☐ Other (Please Specify)
Other Specifications	