Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
OCD Hobbs

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

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.

HOBBS OCD
JUN 18 2018
RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. NMNM 19859
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No. NMNM135942
2. Name of Operator COG OPERATING LLC Contact: MELANIE WILSON E-Mail: mjp1692@gmail.com	8. Well Name and No. MONET FEDERAL COM 3H
	9. API Well No. 30-025-42763-00-S1
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 3b. Phone No. (include area code) Ph: 575-914-1461	10. Field and Pool or Exploratory Area RED HILL/S-BONE SPRINGS
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 4 T25S R33E Lot 3 190FNL 1980FWL	11. County or Parish, State LEA COUNTY, NM

12. CHECK THE 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	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Onshore Order Variance
	☐ 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating LLC respectfully requests permission to install a Micro Motion Coriolis LACT at the Monet Federal #3H facility.

Meter #CMF300M355NRAUEZZZ Serial #14443214
Transmitter #2700C12ABUEAZX Serial #3298802

A site facility diagram will be submitted as soon as possible.

The LACT is scheduled to be proved Friday 6/3/16.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #340872 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 06/03/2016 (16PP0727SE)

Name *(Printed/Typed)* MELANIE WILSON — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 06/02/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By DUNCAN WHITLOCK — Title TECHNICAL LPET — Date 06/04/2018

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 Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

MSB/OCD
6/14/2018

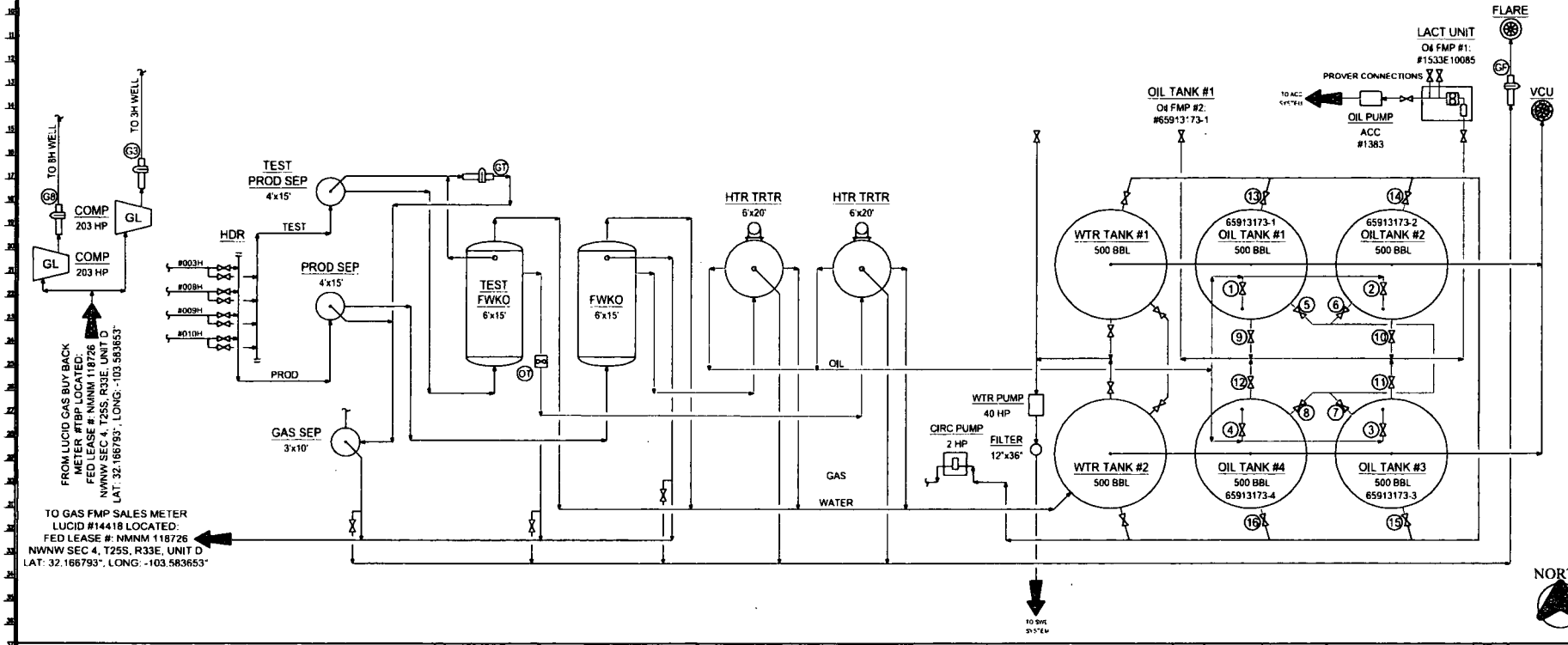
MONET FEDERAL COM 3H BATTERY
NENW SECTION 4, T25S, R33E, UNIT C
LEA COUNTY, NM

WELLS:
MONET FEDERAL COM #003H: 30-025-42763
MONET FEDERAL COM #008H: 30-025-42765
MONET FEDERAL COM #009H: 30-025-42766
MONET FEDERAL COM #010H: 30-025-42767

GAS METERS
Test Meter: (GT): #39022227
Flare Meter: (GF): #39022228
#3H Gas Lift Meter: (G3): #39022230
#8H Gas Lift Meter: (G8): #39022231

Production Phase - Oil Tank #1
- Valve 1 open
- Valves 2, 3, and 4 closed
- Valves 5, 6, 7, and 8 open
- Valves 9, 10, 11, and 12 closed
- Valve 13 open
- Valves 14, 15, and 16 closed

Sales Phase - Oil Tank #1
- Valve 1 closed
- Valves 2, 3, or 4 open
- Valve 5 closed
- Valves 6, 7, and 8 open
- Valve 9 open
- Valves 10, 11, and 12 closed
- Valve 13 closed
- Valves 14, 15, or 16 open



NOTES:
Type of Lease: Federal
Federal Lease SHL #: NMNM 019859
CA/Agreement #: NMNM 135942
Property Code: 315180
OGRID #: 229137

Ledger for Site Diagram
Produced Fluid: ——
Produced Oil: ——
Produced Gas: ——
Produced Water: ——

REFERENCE DRAWINGS

NO.	TITLE

COG OPERATING LLC — ONE CONCHO CENTER
SITE SECURITY PLANS — 600 WEST ILLINOIS AVENUE
LOCATED AT: — MIDLAND, TEXAS 79701

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK.	APP.
A	08/01/12	ISSUE FOR SITE PERMITTING	CRB		
B	04/27/18	UPDATED FOR MONET FED COM 3H BTY	CRB		

ENGINEERING RECORD

	BY	DATE
DRN:	CRB	08/01/12
DES:	CRB	08/01/12
CHK:		
APP:		
AFE NO:		
FACL ENGR:	C. BLEDSOE	
OPER ENGR:	VARIES	
SCALE:	NONE	

CONCHO
NORTHERN DELAWARE BASIN ASSET
PRODUCTION FACILITIES
SITE FACILITY DIAGRAM
MONET FEDERAL COM 3H BATTERY
LEA COUNTY — NEW MEXICO
TOWNSHIP/RANGE: MULTIPLE
DWG NO.: D-1700-81-005
REV: B

Micro Motion, Inc.

Mass Flowmeter Calibration Certificate

14443214

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CMF300M355NRAUEZZZ	14443214	10176640	1.1	1	
PUCK700	33108384				

Process

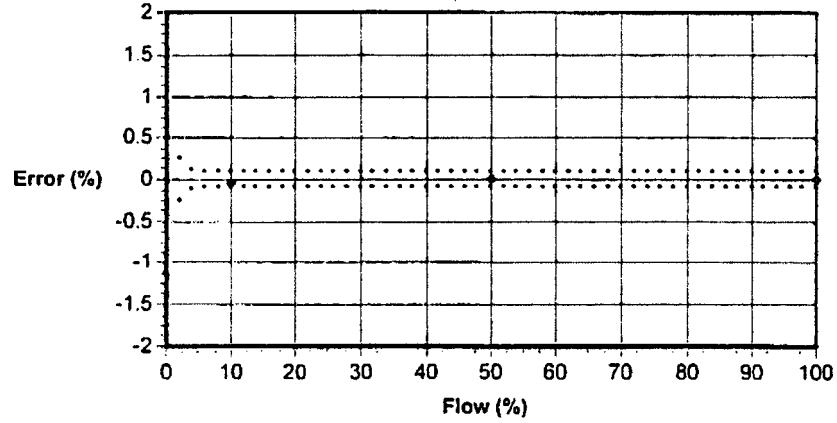
Process ID : 1.31413352
Process Time : 2014.09.14 12:50:28
Process Stand : TSM2A@SSCB
Stand Uncertainty : +/-0.030%
Fluid : H2O
100% Rate : 2268 KG/MIN
Pickoff : 1
Max Rate P/T : 18.66 PSIG/22.1 C

Results

Status : PASS
D1 : 0
D2 : 1
K1 : 10582.64
K2 : 12563.16
DT : 4.42
FD : 198.0042
DTG : 0
DFQ1 : 0
DFQ2 : 0
FlowCal : 700.114.29
FFQ : 0
FTG : 0
DensCal : 10583125634.42
FCF : 700.11
FT : 4.29

Andrew Mitchell
ANDREW MITCHELL
Technician

Detail



Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	2268	1704.553	1704.684	-0.008	0.100
10.0	226.8	170.2399	170.3002	-0.035	0.100
50.0	1134	846.2475	846.1873	0.007	0.100
100.0	2268	1703.911	1703.839	0.004	0.100

Micro Motion, Inc.

Transmitter Configuration Report | **3298802**

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CMF300M355NRAUE2ZZ	14443214	10176640	1.1	1	
2700C12ABUEAZX	3298802	10176640	1.45	1	
PUCK700	33108384				

Process

Process ID : 1.31417175
Process Time : 2014.09.15 16:03:19
Process Stand : SSCB-CONFIG1@SSCB

Sensor

D1 : 0
D2 : 1
DFQ1 : 0
DFQ2 : 0
DT : 4.42
DTG : 0
Density Meter Factor : 1
Density Press Comp Factor : 0
FCF : 700.11
FD : 198.0042
FFQ : 0
FT : 4.29
FTG : 0
Flow PCP : 0
Flow PCF : 0
K1 : 10582.64
K2 : 12563.16
Mass Flow Meter Factor : 1
Temperature Cal Factor : 1.00000T.00000
Volume Flow Meter Factor : 1

Units

Density Unit : LB/CUFT
Mass Flow Unit : LB/HR
Pressure Unit : PSI
Special Mass Base Unit : GRAM
Special Mass Conv Factor : 1
Special Mass Flow Text : NONE
Special Mass Time Unit : SEC
Special Mass Total Text : NONE

Units

Special Volume Base Unit : LITER
Special Volume Conv Factor : 1
Special Volume Flow Text : NONE
Special Volume Time Unit : SEC
Special Volume Total Text : NONE
Temperature Unit : DEGF
Volume Flow Unit : GAL/MIN

Assignments

Event 1 Variable : DENSITY
Event 2 Variable : DENSITY
Frequency Scaling Method : FREQUENCY/FLOW
Frequency Variable : MASS FLOW RATE
mA1 Variable : MASS FLOW RATE

Ranges

Event 1 Setpoint : 0
Event 1 Type : LOW ALARM
Event 2 Setpoint : 0
Event 2 Type : LOW ALARM
Frequency Active State : ACTIVE HIGH
Frequency Hertz : 1000
Frequency Pulses/Unit : 1587.302
Frequency Rate : 2268
Frequency Units/Pulse : 0.00063
mA1 LRV : 0
mA1 URV : 2268

Faults

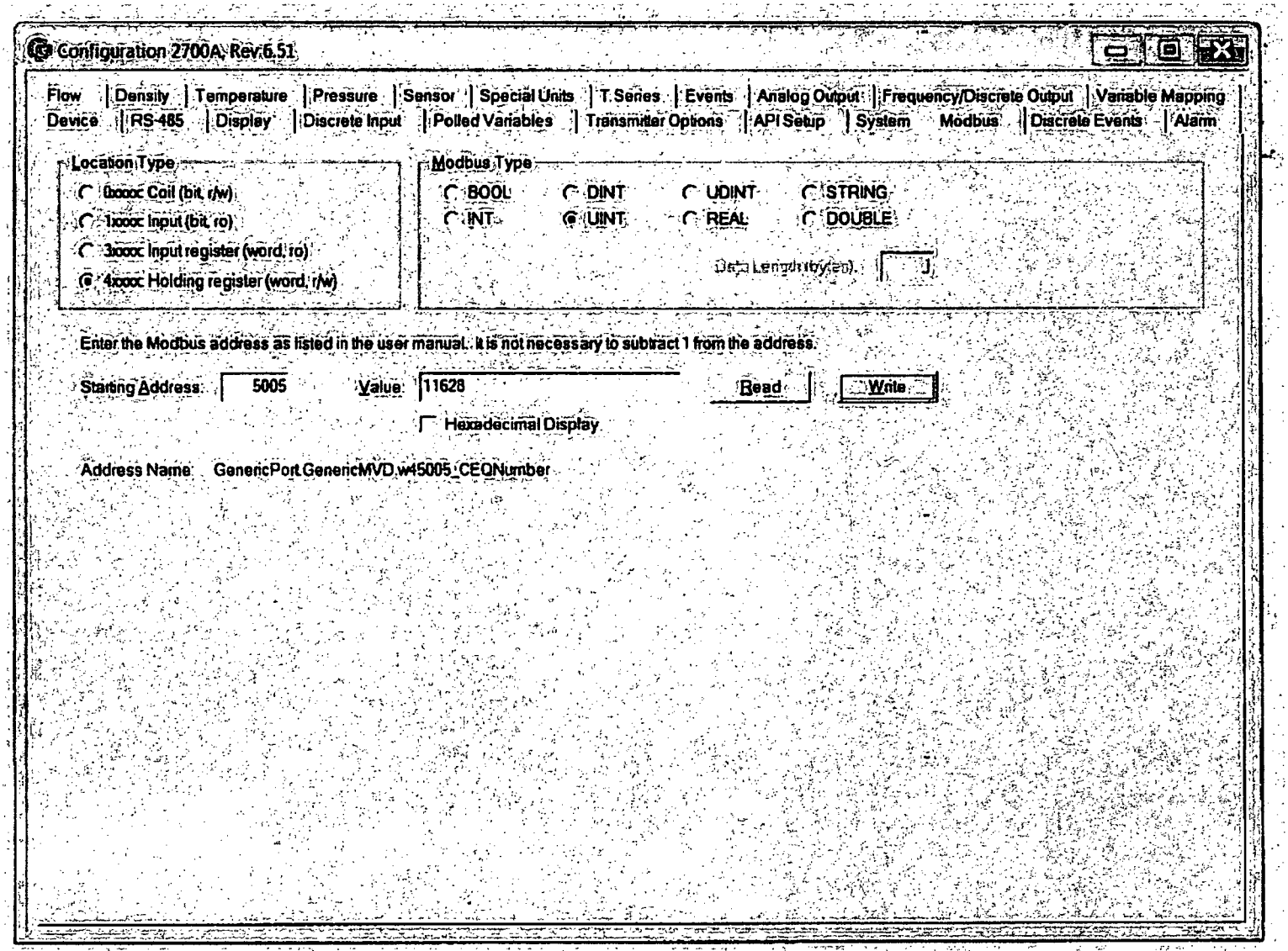
Frequency Fault Behavior : DOWNSCALE
Frequency Fault Value : 15000
RS485 Fault Behavior : NONE

Faults

mA1 Fault Behavior	DOWNSCALE
mA1 Fault Value	2

Other

Calibration Process ID	1.31413352
Core Software Rev	34
Density Cutoff	12.48559
Density Damping	0.8
Density High Limit	5
Density Low Limit	0
Direction	FORWARD
Fault Dwell Time	0
Feature Key	8
Flow Damping	0.8
HART Device ID	3111254
LD Coil	0
LD Type	0
Mass Flow Cutoff	857.1572
Pressure Comp Line Pressure	0
Pressure Compensation State	OFF
RS485 Baud	1200
RS485 Parity	ODD
RS485 Protocol	HART
Slug Duration	0
Tag	
Temperature Damping	2.4
Transmitter Software Rev	65
Volume Flow Cutoff	1.711835


Configuration 2700A Rev.6.51
Flow
Density
Temperature
Pressure
Sensor
Special Units
T Series
Events
Analog Output
Frequency/Discrete Output
Variable Mapping
Device
RS-485
Display
Discrete Input
Polled Variables
Transmitter Options
API Setup
System
Modbus
Discrete Events
Alarm
Location Type
0xxxx Coil (bit, r/w)
1xxxx Input (bit, ro)
3xxxx Input register (word, ro)
4xxxx Holding register (word, r/w)
Modbus Type
BOOL
DINT
UDINT
STRING
INT
UINT
REAL
DOUBLE
Data Length(bytes)
1
Enter the Modbus address as listed in the user manual. It is not necessary to subtract 1 from the address.
Starting Address:
5005
Value:
11628
Read
Write
Hexadecimal Display
Address Name:
GenericPort.GenericMVD.w45005_CEQNumber

Operational Procedure Update
(Software)

ETO#: 11628_651

Different set of 100 Hz variables for API (Add Inventories).

MVD 1700/2700 Unit

March 8, 2011

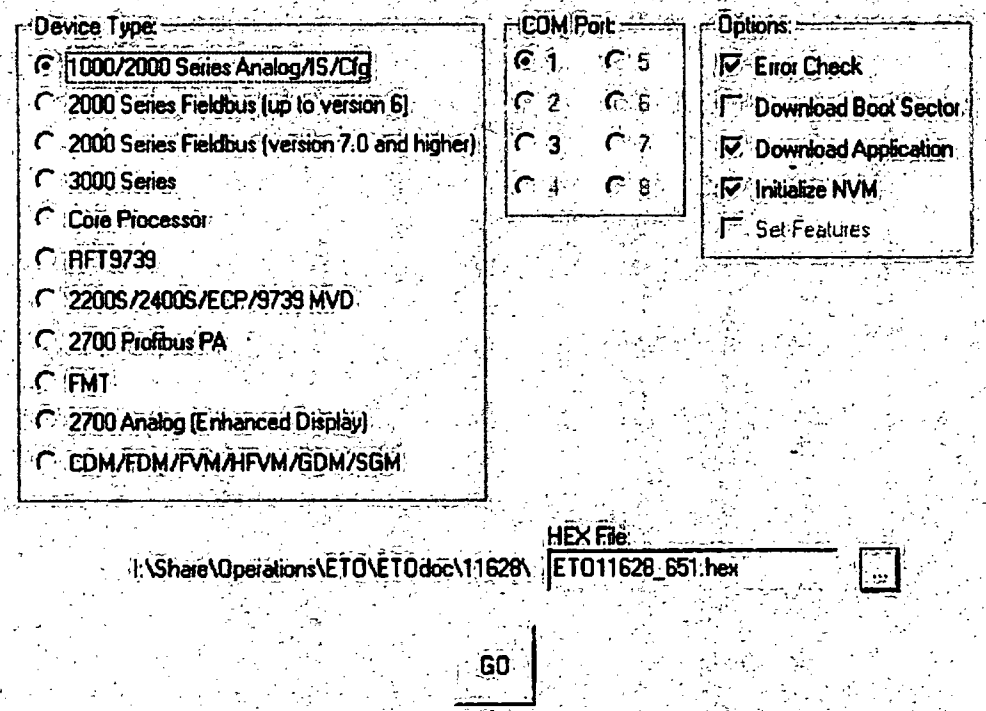
Description of Change
Substituted Mass, Gross Vol and Corr Vol inventories to the 100 Hz API transfer/update list.

Prior Operational Characteristics
Used to have LPO, Drive Gain and Tube Freq in the list.

Upgrade Procedure
The MVD 2700 unit can be upgraded via flash download of the software (part# ETO11628_651.hex) using the MVD Load Utility PC application.

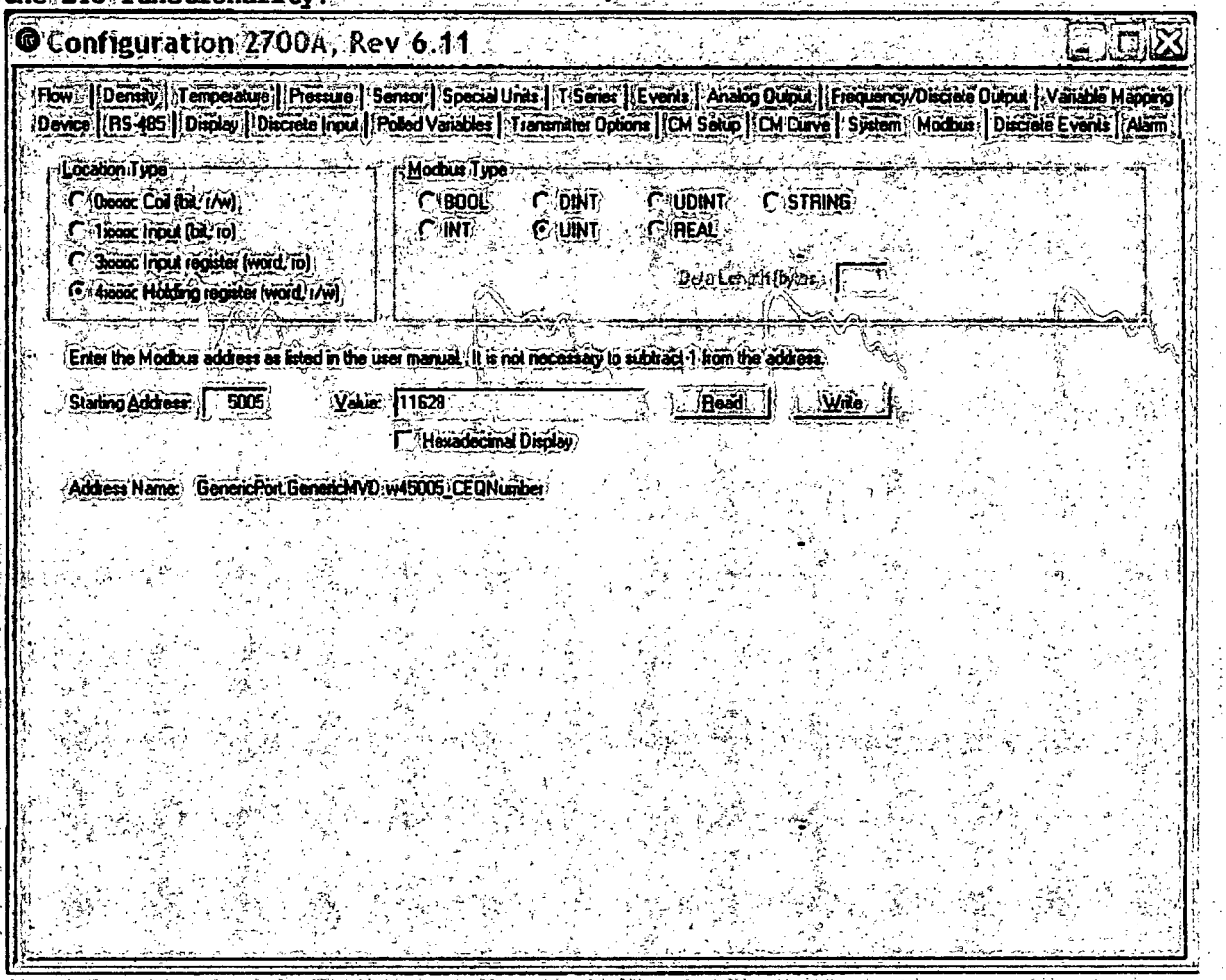
The steps to upgrade the unit are as follows:

1. Connect transmitter to power and communication.
2. Start the Load Utility application (called LU for short)
3. Select Device type
4. Select COM port
5. Select Options: Error Check, Download Application, and Initialize NVM
6. Select ETO11628_651.hex
7. Select "GO"
8. Select "Done" when complete



9. Perform **standard SSC configuration** on unit per sales order.

10. Write the ETO number to register 5005 using Modbus. Connect to the unit with Prolink II over the USP. From the Modbus tab enter 5005 into the Starting Address box. Select the UINT radio button. Select the 4xxxx: Holding Register (word, r/w) radio button. Enter 11628 into the Value. Click on the Write button. **Note: This must be done to enable the ETO functionality.**



11. Save, print and send a copy of the device tab showing ETO number, serial number of device and software version
12. Label product with ETO # and software version #

End of Operational Procedure Update MVD

TEST PROCEDURE

ETO#: 11628_651

Different set of 100 Hz variables for API (Add Inventories).

MVD 1700/2700 Unit

March 8, 2011

Start of MVD Analog Test Procedure

1. Connect the Core Processor to the MVD 2700 unit.
2. Apply power to the Core Processor and the MVD 2700 unit.
3. If the MVD 2700 unit is equipped with an LDO, the LCD will initially display all segments on, followed by all segments off, and followed by the version number. The version number should read "6.51". Following the version number, the CEQ number is displayed. The CEQ number should read "11628".

End MVD 2700 Test Procedure