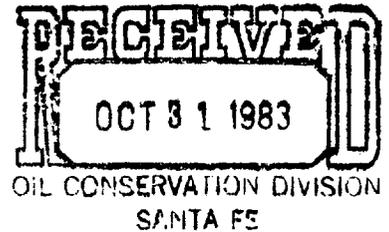


AMERADA HESS CORPORATION

October 27, 1983

P. O. DRAWER "D"  
MONUMENT, NEW MEXICO 88265



Joe Ramey  
State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: H. L. Houston - Exemption of  
Monthly Proving of Commingling  
Meter

Dear Mr. Ramey:

Amerada Hess Corporation is requesting an exemption from monthly meter proving of our commingling meter on the H. L. Houston lease - Order PC 420. Exhibit A shows production beginning 1978 through 1983. It can be seen that this well produces gas with very little oil. When oil production does occur, the average volume is approximately one or two barrels per day. Exhibit B shows the meter provings for 1983. It should be noted that out of 7 provings in 1983 there was no oil to prove 6 times, even though measures had been taken to retain the oil at the metering point for proving. With such small amounts of oil for proving, the meter factors obtained are questionable measures.

In view of the above information, we respectfully request an exemption to monthly provings and request permission to annually prove the commingled meter on the H. L. Houston lease.

Sincerely,

A handwritten signature in cursive script that reads "Denise Gregson".

Denise Gregson  
Petroleum Engineer

DG/dg

Attachments

XC Hobbs District  
Office

File

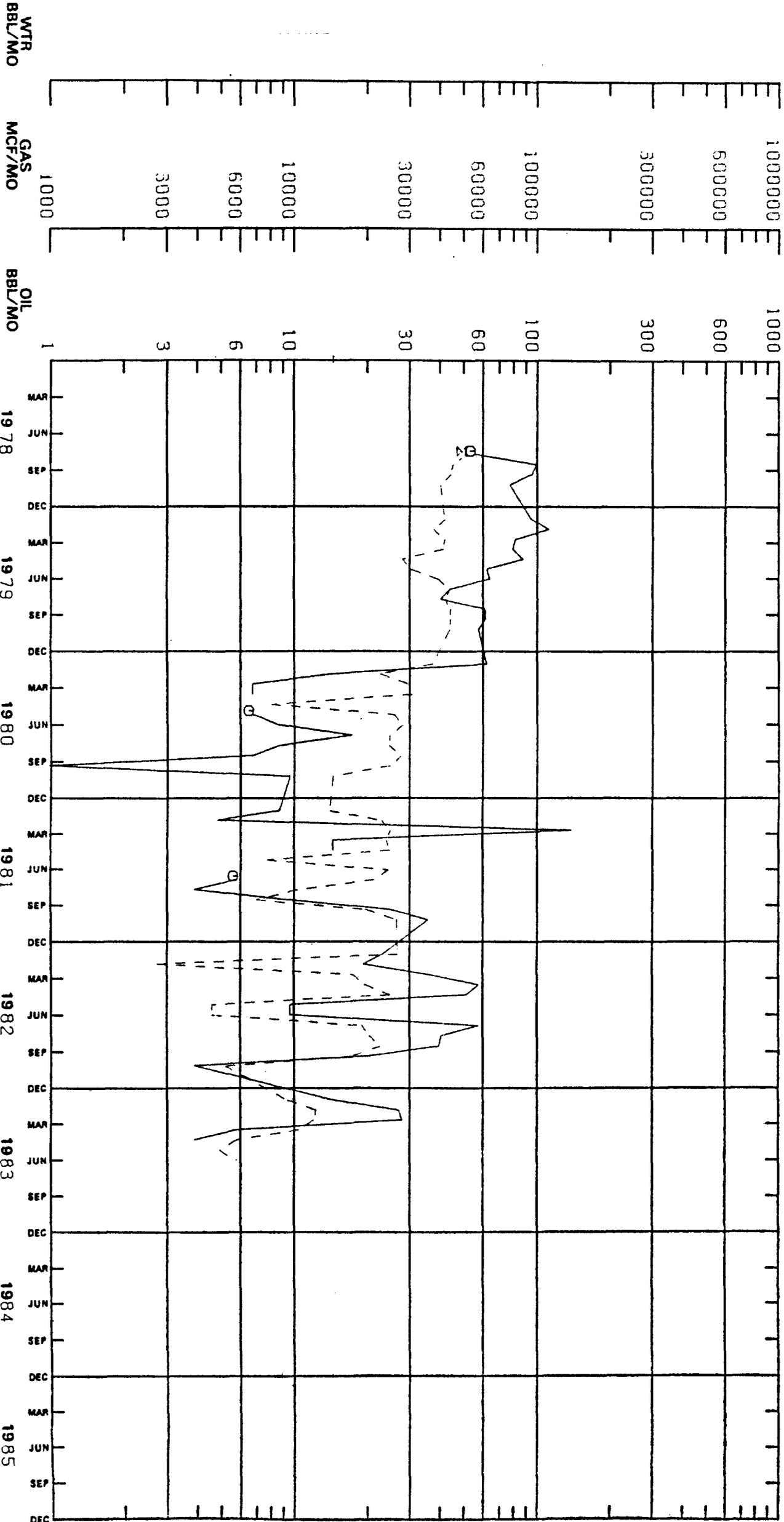
EXHIBIT A

**DATA CODES**  
 OIL = ○  
 GAS = ∑  
 WTR = \*

**CUMULATIVES:**  
 OIL MBBLs  
 GAS MMCF  
 WTR MBBLs

**PRODUCTION PLOT**  
AMER-008-10

**STATUS:**  
 GAS ON 8 / 23 / 83



204

REGION: SOUTHWEST REGIO  
 FIELD: EUMONT FIELD  
 POOL:  
 LEASE: 01186 HOUSTON, H L, G  
 WELL:

# Tex-Mex Meter Service, Inc.

PHONE 915 563-2211  P. O. BOX 5595  MIDLAND, TEXAS 79701  
PHONE 915 684-7306

EXHIBIT B

BRANCH OFFICES—

P. O. BOX 1620  
HOBBS, N. M. 88240  
PHONE 505 393-7410

P. O. BOX 209  
SUNDOWN, TEXAS 79372  
PHONE 806 229-5411

## GRAVIMETRIC METER PROVER

COMPANY Amerada Hess

LOCATION H.L. Houston

METER MAKE Floco MODEL SERIAL

PROVING METHOD 

OPEN	TEMPERATURE COMPENSATED	YES
CLOSED <input checked="" type="checkbox"/>		NO <input checked="" type="checkbox"/>

DATE 1-18-83  
METER PROVER REPORT NUMBER 6  
PREVIOUS METER FACTOR AND DATE 1.00417  
NUMBER OF BARRELS SINCE LAST PROVING

TYPE OF FLUID Crude

GRAVITY LAST PERIOD 34.1 TOTALIZER 8437

PROVER DATA		RUN #1	RUN #2	RUN #3	RUN #4
1	Line Pressure, PSI	10	10		
2	Calibration Pressure, PSI	10	10		
3	Separator Line Pressure	20	20		
4	Observed Gravity and Temperature	33.144	33.144		
5	Cor. Gravity at 60° F (T-5)	34.1	34.1		
6	Final Scale Reading, Pounds	222.5	326.5		
7	Beginning Scale Reading, Pounds	120.5	222.5		
8	Observed Fluid Weight, Pounds (6-7)	102.0	104.0		
9	Percentage of Water	0	0		
10	Fluid Density, Lb./Bbl. (T-8x42) <u>7.106</u>	298.83	298.83		
11	Net Fluid Weight, Pounds (9 + 10)	298.83	298.83		
12	Air Bouyancy Correction, Lb/Bbl (Closed Method Only) (Std 0.34)	.34	.34		
13	Conversion Factor, Lb/Bbl (11 + 12)	299.17	299.17		
14	Corrected Barrells in Prover (8 + 13)	340.94	347.3		

### METER DATA

15	Final Meter Reading, Bbl	7.556	7.899		
16	Beginning Meter Reading, Bbl	7.220	7.556		
17	Barrells Registered (15-16)	.336	.343		
18	Temperature Correction Factor (T-6)	1.0074	1.0074		
19	Net Barrells Metered (19 x 20)	.33849	.34553		
20	Meter Factor (14+19)	1.00723	1.00608		

REMARKS

21 Average Meter Factor 1.00666

22 Average Pressure Correction Factor (Compressibility)

23 Meter Factor to Be Used

SIGNED David Roper

FOR

# Tex-Mex Meter Service, Inc.

PHONE 915 563-2211  P. O. BOX 5595  MIDLAND, TEXAS 79701  
 PHONE 915 684-7306

BRANCH OFFICES— P. O. BOX 1620 HOBBS, N. M. 88240 PHONE 505 393-7410  
 P. O. BOX 209 SUNDOWN, TEXAS 79372 PHONE 806 229-5411

## GRAVIMETRIC METER PROVER

COMPANY AMERADA Hess

LOCATION H. L. HOUSTON

METER MAKE FLOCO MODEL F-500-2 SERIAL \_\_\_\_\_

PROVING METHOD  OPEN  CLOSED  
 TEMPERATURE COMPENSATED  YES  NO

DATE 2-2-83  
 METER PROVER REPORT NUMBER 7  
 PREVIOUS METER FACTOR AND DATE 1.0666 1-18-83  
 NUMBER OF BARRELS SINCE LAST PROVING \_\_\_\_\_

TYPE OF FLUID \_\_\_\_\_ GRAVITY LAST PERIOD 34.1 TOTALIZER 8488

	PROVER DATA	RUN #1	RUN #2	RUN #3	RUN #4
1	Line Pressure, PSI	NO PRODUCTION			
2	Calibration Pressure, PSI				
3	Separator Line Pressure				
4	Observed Gravity and Temperature				
5	Cor. Gravity at 60° F (T-5)				
6	Final Scale Reading, Pounds				
7	Beginning Scale Reading, Pounds				
8	Observed Fluid Weight, Pounds (6-7)				
9	Percentage of Water				
10	Fluid Density, Lb./Bbl. (T-8×42)				
11	Net Fluid Weight, Pounds (9 + 10)				
12	Air Bouyancy Correction, Lb/Bbl (Closed Method Only) (Std 0.34)				
13	Conversion Factor, Lb/Bbl (11 + 12)				
14	Corrected Barrells in Prover (8 + 13)				

### METER DATA

15	Final Meter Reading, Bbl			
16	Beginning Meter Reading, Bbl			
17	Barrels Registered (15-16)			
18	Temperature Correction Factor (T-6)			
19	Net Barrels Metered (19 × 20)			
20	Meter Factor (14+19)			

REMARKS \_\_\_\_\_

21	Average Meter Factor	
22	Average Pressure Correction Factor (Compressibility)	
23	Meter Factor to Be Used	

SIGNED \_\_\_\_\_

FOR \_\_\_\_\_

# Tex-Mex Meter Service, Inc.

PHONE 915 563-2211  P. O. BOX 5595  MIDLAND, TEXAS 79701  
PHONE 915 684-7306

BRANCH OFFICES— P. O. BOX 1620  
HOBBS, N. M. 88240  
PHONE 505 393-7410

P. O. BOX 209  
SUNDOWN, TEXAS 79372  
PHONE 806 229-5411

## GRAVIMETRIC METER PROVER

COMPANY El Paso Gas 11055

LOCATION El Paso Houston

METER MAKE <u>Flow</u>	MODEL	SERIAL
PROVING METHOD OPEN CLOSED <input checked="" type="checkbox"/>	TEMPERATURE COMPENSATED	YES NO <input checked="" type="checkbox"/>
TYPE OF FLUID <u>Gas</u>	GRAVITY LAST PERIOD	TOTALIZER <u>11055</u>

DATE 4-11-83

METER PROVER REPORT NUMBER 7

PREVIOUS METER FACTOR AND DATE 1.0000 3-3-83

NUMBER OF BARRELS SINCE LAST PROVING 7

	PROVER DATA	RUN #1	RUN #2	RUN #3	RUN #4
1	Line Pressure, PSI				
2	Calibration Pressure, PSI				
3	Separator Line Pressure				
4	Observed Gravity and Temperature				
5	Cor. Gravity at 60° F (T-5)				
6	Final Scale Reading, Pounds				
7	Beginning Scale Reading, Pounds				
8	Observed Fluid Weight, Pounds (6-7)				
9	Percentage of Water				
10	Fluid Density, Lb./Bbl. (T-8x42)				
11	Net Fluid Weight, Pounds (9 + 10)				
12	Air Bouyancy Correction, Lb/Bbl (Closed Method Only) (Std 0.34)				
13	Conversion Factor, Lb/Bbl (11 + 12)				
14	Corrected Barrells in Prover (8 + 13)				

### METER DATA

15	Final Meter Reading, Bbl				
16	Beginning Meter Reading, Bbl				
17	Barrels Registered (15-16)				
18	Temperature Correction Factor (T-6)				
19	Net Barrels Metered (19 x 20)				
20	Meter Factor (14÷19)				

REMARKS \_\_\_\_\_

21	Average Meter Factor				
22	Average Pressure Correction Factor (Compressibility)				
23	Meter Factor to Be Used				

SIGNED \_\_\_\_\_ FOR \_\_\_\_\_



GRAVIMETRIC METER PROVER

Size 766 Model 734 Serial No. 108

COMPANY AMARADA HESS

LOCATION H. L. Houston

S.T.R.

DATE 6-9-83

METER INSTALLED OR REPAIRED

METER MAKE <u>Alco</u>	MODEL <u>75002</u>	SERIAL <u>—</u>
PROVING METHOD OPEN CLOSED <input checked="" type="checkbox"/>	TEMPERATURE COMPENSATED	YES NO <input checked="" type="checkbox"/>

METER PROVER REPORT NUMBER 16083

PREVIOUS METER FACTOR AND DATE

NUMBER OF BARRELS SINCE LAST PROVING

POOL GRAVITY LAST PERIOD

	PROVER DATA	RUN #1	RUN #2	RUN #3	RUN #4
1	Line Pressure, PSI				
2	Calibration Pressure, PSI				
3	Separator Line Pressure				
4	Observed Gravity and Temperature				
5	Cor. Gravity at 60° F (T-5)				
6	Final Scale Reading, Pounds				
7	Beginning Scale Reading, Pounds				
8	Observed Fluid Weight, Pounds (6-7)				
9	Net Fluid Weight, Pounds				
10	Percentage of Water				
11	Fluid Density, Lb/Bbl (T-8 × 42)				
12	Air Bouyancy Correction, Lb/Bbl (Closed Method Only) (Std 0.34)				
13	Conversion Factor, Lb/Bbl (11 + 12)				
14	Corrected Barrels in Prover (10 ÷ 13)				

METER DATA

15	Observed Flow Rate, BPH (360 ÷ No. Sec/0.1 Bbl)				
16	Totalizer Reading	<u>8502.2</u>			
17	Final Meter Reading, Bbl				
18	Beginning Meter Reading, Bbl	<u>.398</u>			
19	Barrels Registered (17 - 18)				
20	Temperature Correction Factor (T-6)				
21	Net Barrels Metered (19 × 20)				
22	Meter Factor (14 ÷ 21)				

REMARKS No indication suggest Refer to previous factor

23	Average Meter Factor				
24	Average Pressure Correction Factor (Compressibility)				
25	Meter Factor to Be Used				

Tested by [Signature] Witnessed by \_\_\_\_\_

Position [Signature] Position \_\_\_\_\_

Are all meters on this system included? Yes \_\_\_ No \_\_\_  
I hereby certify that the information is true and complete to the best of my knowledge.

Signed \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

STELL'S SALES & SERVICE, INC. Company \_\_\_\_\_ Company \_\_\_\_\_



**GRAVIMETRIC METER PROVER**

Size 2661 Model 7.34 Serial No. 108

COMPANY AMERADA HESS

LOCATION H.L. Houston

PR. NO 623-0463

S.T.R. \_\_\_\_\_

DATE 7-15-83

METER INSTALLED OR REPAIRED \_\_\_\_\_

METER PROVER REPORT NUMBER 2/2083

METER MAKE <u>Alco</u>	MODEL <u>7500-2</u>	SERIAL <u>-</u>
---------------------------	------------------------	--------------------

PREVIOUS METER FACTOR AND DATE \_\_\_\_\_

PROVING METHOD	OPEN	TEMPERATURE COMPENSATED	YES
	CLOSED <input checked="" type="checkbox"/>		NO <input checked="" type="checkbox"/>

NUMBER OF BARRELS SINCE LAST PROVING -

POOL \_\_\_\_\_ GRAVITY LAST PERIOD -

	PROVER DATA	RUN #1	RUN #2	RUN #3	RUN #4
1	Line Pressure, PSI				
2	Calibration Pressure, PSI				
3	Separator Line Pressure				
4	Observed Gravity and Temperature				
5	Cor. Gravity at 60° F (T-5)				
6	Final Scale Reading, Pounds				
7	Beginning Scale Reading, Pounds				
8	Observed Fluid Weight, Pounds (6-7)				
9	Net Fluid Weight, Pounds				
10	Percentage of Water				
11	Fluid Density, Lb/Bbl (T-8 x 42)				
12	Air Bouyancy Correction, Lb/Bbl (Closed Method Only) (Std 0.34)				
13	Conversion Factor, Lb/Bbl (11 + 12)				
14	Corrected Barrels in Prover (10 ÷ 13)				

**METER DATA**

15	Observed Flow Rate, BPH (360 ÷ No. Sec/0.1 Bbl)				
16	Totalizer Reading	<u>8502.</u>			
17	Final Meter Reading, Bbl				
18	Beginning Meter Reading, Bbl				
19	Barrels Registered (17 - 18)				
20	Temperature Correction Factor (T-6)				
21	Net Barrels Metered (19 x 20)				
22	Meter Factor (14 ÷ 21)				

REMARKS Pressure too production suggest refer to previous meter

23	Average Meter Factor				
24	Average Pressure Correction Factor (Compressibility)				
25	Meter Factor to Be Used				

Are all meters on this system included? Yes \_\_\_ No \_\_\_  
I hereby certify that the information is true and complete to the best of my knowledge.

Tested by Bobby Hester Witnessed by \_\_\_\_\_

Signed \_\_\_\_\_

Position Field Service Position \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

STELL'S SALES & SERVICE, INC. Company \_\_\_\_\_

Company \_\_\_\_\_

## GRAVIMETRIC METER PROVER

Size 2661 Model 734 Serial No. 128

COMPANY Amada Hess

LOCATION A.L. Houston

S.T.R. \_\_\_\_\_

METER INSTALLED OR REPAIRED

METER MAKE <u>Alco</u>	MODEL <u>7500-2</u>	SERIAL _____
PROVING METHOD OPEN CLOSED <input checked="" type="checkbox"/>	TEMPERATURE COMPENSATED YES NO <input checked="" type="checkbox"/>	

DATE 8-1-83

METER PROVER REPORT NUMBER 3/a 83

PREVIOUS METER FACTOR AND DATE \_\_\_\_\_

NUMBER OF BARRELS SINCE LAST PROVING \_\_\_\_\_

POOL \_\_\_\_\_

GRAVITY LAST PERIOD \_\_\_\_\_

	PROVER DATA	RUN #1	RUN #2	RUN #3	RUN #4
1	Line Pressure, PSI				
2	Calibration Pressure, PSI				
3	Separator Line Pressure				
4	Observed Gravity and Temperature				
5	Cor. Gravity at 60° F (T-5)				
6	Final Scale Reading, Pounds				
7	Beginning Scale Reading, Pounds				
8	Observed Fluid Weight, Pounds (6-7)				
9	Net Fluid Weight, Pounds				
10	Percentage of Water				
11	Fluid Density, Lb/Bbl (T-8 × 42)				
12	Air Bouyancy Correction, Lb/Bbl (Closed Method Only) (Std 0.34)				
13	Conversion Factor, Lb/Bbl (11 + 12)				
14	Corrected Barrels in Prover (10 ÷ 13)				

METER DATA

15	Observed Flow Rate, BPH (360 ÷ No. Sec/0.1 Bbl)				
16	Totalizer Reading	<u>8502</u>			
17	Final Meter Reading, Bbl				
18	Beginning Meter Reading, Bbl				
19	Barrels Registered (17 - 18)				
20	Temperature Correction Factor (T-6)				
21	Net Barrels Metered (19 × 20)				
22	Meter Factor (14 ÷ 21)				

REMARKS Received no production suggest refer to previous file

23	Average Meter Factor	
24	Average Pressure Correction Factor (Compressibility)	
25	Meter Factor to Be Used	

Tested by Bobby Hester Witnessed by \_\_\_\_\_  
 Position Field Service Position \_\_\_\_\_  
 Company \_\_\_\_\_ Company \_\_\_\_\_

Are all meters on this system included? Yes \_\_\_ No \_\_\_  
 I hereby certify that the information is true and complete to the best of my knowledge.

Signed \_\_\_\_\_  
 Title \_\_\_\_\_  
 Address \_\_\_\_\_  
 Company \_\_\_\_\_

**GRAVIMETRIC METER PROVER**

Size 26in Model A-34 Serial No. 108

COMPANY AMARARA ASS

LOCATION A.L. Houston

S.T.R. \_\_\_\_\_

DATE 9-19-83

METER INSTALLED OR REPAIRED

METER MAKE	MODEL	SERIAL	
<u>Alco</u>	<u>75002</u>		
PROVING METHOD	TEMPERATURE COMPENSATED	YES	NO
<input type="checkbox"/> OPEN	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CLOSED			

METER PROVER REPORT NUMBER	<u>46083</u>
PREVIOUS METER FACTOR AND DATE	
NUMBER OF BARRELS SINCE LAST PROVING	

POOL \_\_\_\_\_ GRAVITY LAST PERIOD \_\_\_\_\_

	PROVER DATA	RUN #1	RUN #2	RUN #3	RUN #4
1	Line Pressure, PSI				
2	Calibration Pressure, PSI				
3	Separator Line Pressure				
4	Observed Gravity and Temperature				
5	Cor. Gravity at 60° F (T-5)				
6	Final Scale Reading, Pounds				
7	Beginning Scale Reading, Pounds				
8	Observed Fluid Weight, Pounds (6-7)				
9	Net Fluid Weight, Pounds				
10	Percentage of Water				
11	Fluid Density, Lb/Bbl (T-8 × 42)				
12	Air Bouyancy Correction, Lb/Bbl (Closed Method Only) (Std 0.34)				
13	Conversion Factor, Lb/Bbl (11 + 12)				
14	Corrected Barrels in Prover (10 ÷ 13)				

**METER DATA**

15	Observed Flow Rate, BPH (360 ÷ No. Sec/0.1 Bbl)				
16	Totalizer Reading				
17	Final Meter Reading, Bbl	<u>8502</u>			
18	Beginning Meter Reading, Bbl				
19	Barrels Registered (17 - 18)				
20	Temperature Correction Factor (T-6)				
21	Net Barrels Metered (19 × 20)				
22	Meter Factor (14 ÷ 21)				

**REMARKS**

Received no production

23	Average Meter Factor	
24	Average Pressure Correction Factor (Compressibility)	
25	Meter Factor to Be Used	

Tested by Fobby Hester Witnessed by \_\_\_\_\_  
 Position Field Service Position \_\_\_\_\_

Are all meters on this system included? Yes \_\_\_ No \_\_\_  
 I hereby certify that the information is true and complete to the best of my knowledge.  
 Signed \_\_\_\_\_  
 Title \_\_\_\_\_  
 Address \_\_\_\_\_  
 Company \_\_\_\_\_