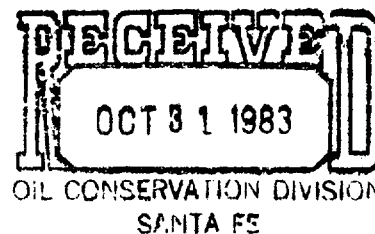


AMERADA HESS CORPORATION

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, appearing to read "Denise Gregson".

Denise Gregson
Petroleum Engineer

DG/dg

Attachments

XC Hobbs District
Office

File

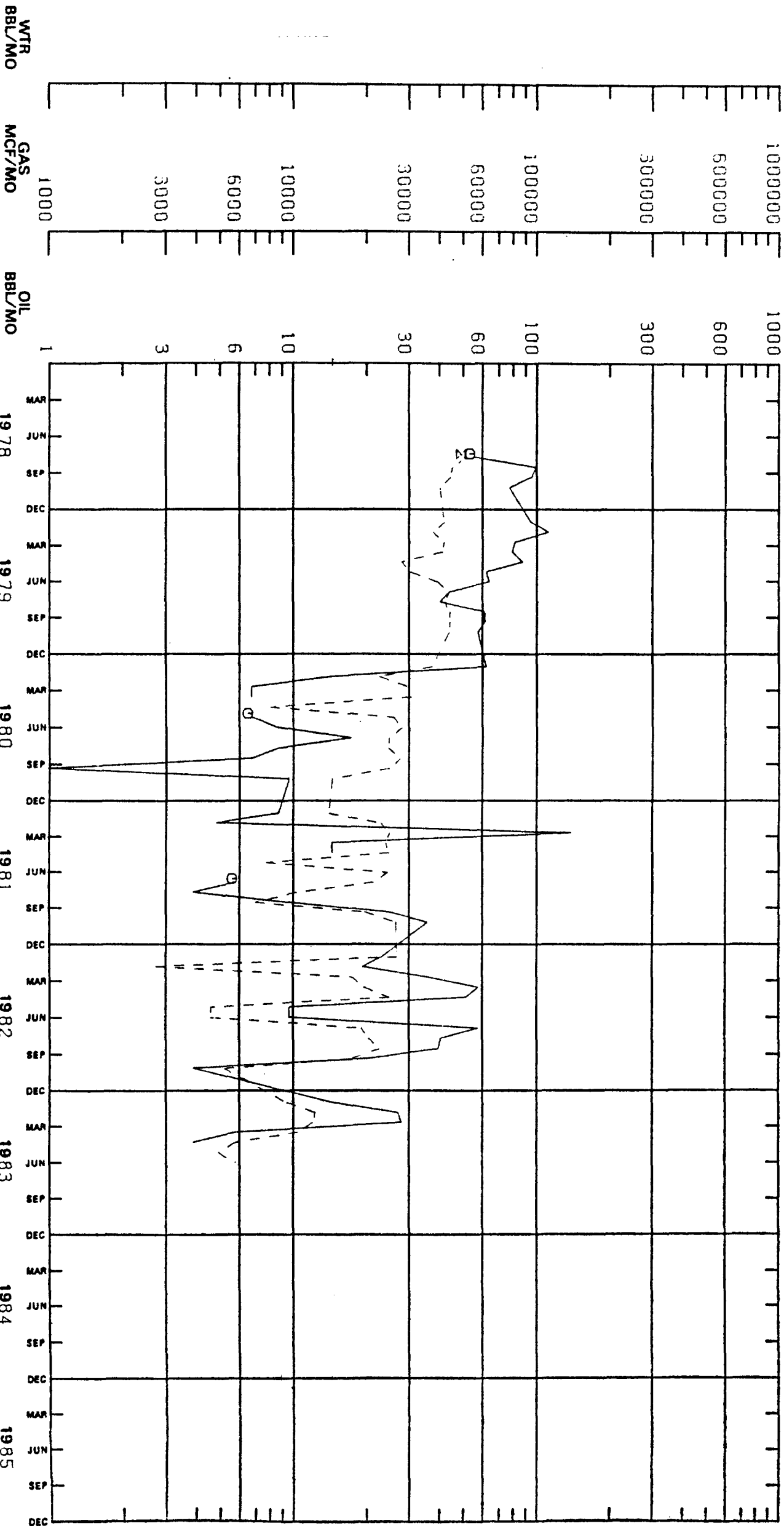
DATA CODES
OIL = O
GAS = Σ
WTR = *

CUMULATIVES:
OIL MBLS
GAS MMCF
WTR MBLS

PRODUCTION PLOT
AMEL-008-1

STATUS:
GAS ON 8 /23/83

204



LEASE: 01186 HOUSTON, H L, G

WELL:

REGION: SOUTHWEST REGIO

FIELD: EUMONT FIELD

POOL:

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
CLOSED <input checked="" type="checkbox"/>

 TEMPERATURE COMPENSATED YES NO ☒

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	33.44	33.44		
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-8×42) <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	347.63		

METER DATA

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

REMARKS

21	Average Meter Factor <u>1.00666</u>
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	MODEL	SERIAL
<u>F-1000</u>	<u>F-500-2</u>	

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

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	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 11055

LOCATION El Paso Horizontal

METER MAKE Flow MODEL SERIAL

PROVING METHOD

OPEN
CLOSED <input checked="" type="checkbox"/>

 TEMPERATURE COMPENSATED

YES
NO <input checked="" type="checkbox"/>

TYPE OF FLUID Crude GRAVITY LAST PERIOD

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

TOTALIZER 74.25

	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-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 _____



P. O. BOX 947 • (505) 397-3517 • HOBBS, N.M. 88240

GRAVIMETRIC METER PROVER

Size 764 Model 734 Serial No 108

COMPANY ARMADA HSS

LOCATION A.L. Houston

S.T.R. _____

DATE 6-9-83

METER INSTALLED OR REPAIRED _____

METER MAKE Floco MODEL 75002 SERIAL —

METER PROVER
REPORT NUMBER 16083

PROVING METHOD OPEN ☐ TEMPERATURE COMPENSATED YES ☐
CLOSED ☒ NO ☒

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 production suggest Refer to previous factor

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

Tested by F. B. Hester

Witnessed by _____

Position Adm. Services

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 HSS

LOCATION H.L. Houston

PR. NO 623-0463

S.T.R.

DATE 7-15-83

METER INSTALLED OR REPAIRED

METER MAKE

MODEL

SERIAL

Nico

7500-2

-

PROVING
METHOD

OPEN

TEMPERATURE
COMPENSATED

YES

CLOSED ☒

NO ☒

METER PROVER

REPORT NUMBER 2/083

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

There was no 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.

Signed

Title

Address

Company

Tested by Bobby Hester Witnessed by

Position Field Service Position

STELL'S SALES & SERVICE, INC.

Company



GRAVIMETRIC METER PROVER

Size 2661 Model 734 Serial No. 128

COMPANY ARMADA HOS
LOCATION A.L. Houston

S.T.R. _____

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

DATE <u>8-1-83</u>
METER PROVER REPORT NUMBER <u>3/a 83</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	<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 defect to previous factor

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 _____

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 266 Model 7-34 Serial No. 108

COMPANY AMARARA ASS

LOCATION H.L. Houston

S.T.R.

DATE 9-19-83

METER INSTALLED OR REPAIRED

METER MAKE MODEL SERIAL

Alco 75002

PROVING METHOD OPEN TEMPERATURE COMPENSATED YES

CLOSED NO

METER PROVER REPORT NUMBER 46083

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 F. H. Hester Witnessed by F. H. Hester
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