#### 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,

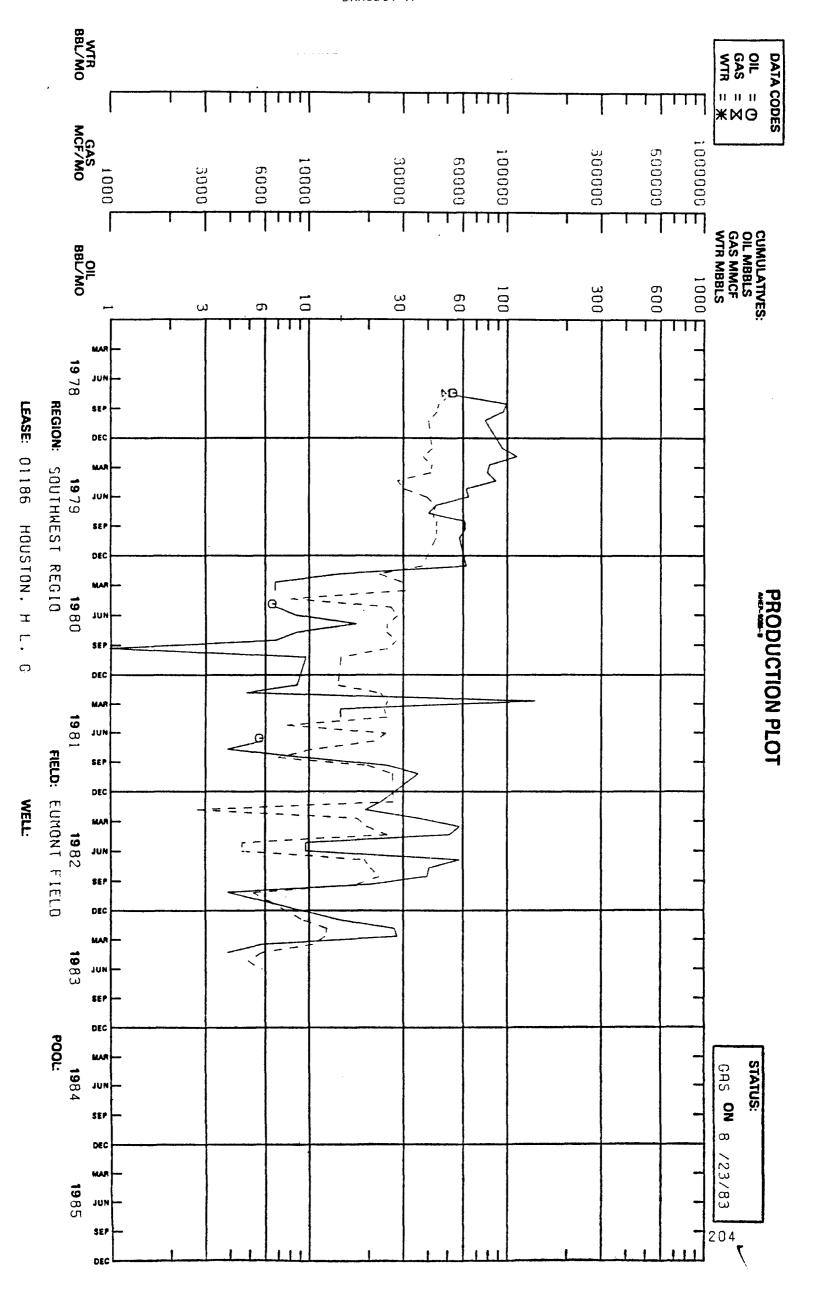
Venuse Dregson
Denise Gregson
Petroleum Engineer

DG/dq

Attachments

XC Hobbs District Office

File



# 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

CO	' MPANY	Amera	ada Hess						
LOC	CATION	H.L H	buston	DATE /-/8-83					
ME	TER MA		MODEL	SERI	AL	METER PROVER REPORT NUMBER			
Flocio				<del> </del>	<del></del>	PREVIONS METER			
	OVING	CLOSED	TEMPERATURE	YES		FACTOR AND NUMBER OF			
ME	THOD	~	COMPENSATED	NO		SINCE LAST			
TVI	e of f		vde	GRAVI	TY LAST PERIOD.	34/	TOTALIZER SE	37	
==	PROVER DATA				RUN #1	RUN #2	RUN #3	RUN #4	
1	Line P	ressure, PSI		, :	10	10			
2	Calibra	ation Pressure,	PSI		10	10			
3	Separa	tor Line Press	шге		20	. 20			
4	Observ	ved Gravity and	i Temperature		33 AJ 44	33 AT 44			
5	Cor. G	ravity at 60° F	(T-5)	-	34./	34.1			
6	Final S	Scale Reading,	Pounds		228.5	326.5			
7	Begint	ng Scale Readi	ng, Pounds		120.5	222.5			
8	Observ	red Fluid Weigh	nt, Pounds (6–7)		102.0	104.0			
9	Percer	ntage of Water			0	0			
10	Fluid Density, Lb./Bbl. (T-8×42) 7 106				298.83	298.83			
11	Net F1	uid Weight, Po	, •		298.83	298.83			
12	Air Bouyancy Correction, Lb/Bbl (Closed Method Only) (Std 0.34)				134	3/2			
13	Conversion Factor, Lb/Bbl (11 + 12)				299.17	299.12			
14	Согтес	ted Barrells in	Prover (8 + 13)		34094	34763			
		MET	ER DATA						
15	Final I	Meter Reading,	Bbl	`	7,556	7.899			
16	Beginn	ing Meter Read	ding, Bbl		7220	7.55%			
17	Barrel	s Registered (1	5-16)		336	1343			
18	Tempe	rature Correcti	on Factor (T-6)		1,0074	1.0074			
19	Net Ba	rrels Metered (	(19 × 20)		,33849	34553			
20	Meter	Factor (14+19)			1.00723	1,00108			
REA	ARKS _	-							
21	Averag	e Meter Factor	1.00 666						
22	Averag	e Pressure Cor	rection Factor (Compr	essibility	)				
23	Meter ]	Factor to Be Us	sed						
		SIGNED _	David I	Espe	<u> </u>	FOR			

# 7ex-Mex Meter Service, Inc.

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

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

#### **GRAVIMETRIC METER PROVER**

COL	MPANY AMERAL	A Hes	5				
TAC	CATION H. L. H.	0115700			DATE 2-2	1-83	
	•		SERIAI		METER PROVI	• •	
E		-500-2			PREVIONS ME		
PROVING   TEMPERATURE   YES			ŒS		FACTOR AND I	DATE / colife	1-18-83
ME	THOD CLOSED COM	PENSATED N	10 r	7	NUMBER OF B SINCE LAST PI		
		<u> </u>	······································	J	1		
TYI	PE OF FLUID		RAVIT	Y LAST PERIOD_	<i>3 4 .  </i>  1	OTALIZER 84	188
	PROVER DA	NTA		RUN #1	RUN #2	RUN #3	RUN #4
1	Line Pressure, PSI			<del>\</del>			
2	Calibration Pressure, PSI			<u> </u>			
3	Separator Line Pressure			)			
4	Observed Gravity and Temp	erature					
5	Cor. Gravity at 60° F (T-5)						
6	Final Scale Reading, Pounds	3		33			
7	Begining Scale Reading, Pou	ınds		0_			
8	Observed Fluid Weight, Pour	nds (6-7)					
9	Percentage of Water			C			
10	Fluid Density, Lb./Bbl. (T-8>	×42)			+		
11	Net Fluid Weight, Pounds (9	+ 10)					
12	Air Bouyancy Correction, Lb (Closed Method Only) (Std	o/Bbl 0.34)					
13	Conversion Factor, Lb/Bbl						
14	Corrected Barrells in Prover	(8 ÷ 13)					
	METER DA	TA.				- V	
15	Final Meter Reading, Bbl						
16	Beginning Meter Reading, Bl	bl				-	
17	Barrels Registered (15-16)	<u>.</u>					
18	Temperature Correction Fac	ctor (T-6)					
19	Net Barrels Metered (19 × 20	)) .					
20	Meter Factor (14÷19)						
REI	MARKS						
21	Average Meter Factor						
22	Average Pressure Correction	Factor (Compress	ibility)			······································	
23	Meter Factor to Be Used						

# 7ex-Mex Meter Service, Inc.

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#### **GRAVIMETRIC METER PROVER**

CO	MPANY	CERRO	16 1/05	<u> </u>				
LOC	CATION.	Parties - Ballions - Services	Morecal	TTT TOTAL MANAGE - A CASA		DATE 4-		
METER MAKE MODEL SERI					L	METER PROV		
IOPEN				PREVIONS METER				
	OVING		TEMPERATURE	YES		j	DATE/. ^ -///	
ME	тнор ССС	HOD CLOSED COMPENSATED		NO ;		NUMBER OF I SINCE LAST P		
ara.c	DE OF FLUID	م <sub>م</sub> ر		CRAT	mr v acm remion		TOTALIZER	71T
1 1	PROVER DATA				RUN #1	RUN #2	RUN =3	RUN #4
1	Line Pressure, PSI					:		
:	Calibration Pressure, PSI							
3	Separator Li	ne Pressu	ıre		)	<del></del>		1
4	Observed Gr	avity and	Temperature	1	*		,	:
5	Cor. Gravity	at 60° F	(Tー5)					
•	Final Scale F	Reading, l	Pounds		· · · · · · · · · · · · · · · · · · ·			
7	Begining Sca	le Readin	g, Pounds		_	i		
8	Observed Flu	id Weigh	t, Pounds (6-7)			:		
9	Percentage o	! Water			•			
10	Fluid Density	, Lb./Bbl	. (T-8×42)		C			
11	Net Fluid We	ight, Pou	nds (9 + 10)					
12	Air Bouyancy (Closed Meth	/ Correcti od Only)	on, Lb/Bbl (Std 0.34)					
13	Conversion F	actor, Lb	/Bbl (11 + 12)			1		
14	Corrected Ba	rrells in I	Prover (8 + 13)				<u> </u>	
		METE	ER DATA					
==== 15	Final Meter I	Reading, l	Bul					
15	Beginning Me	ter Read	ing, Bbl					
 17	Barrels Regis	stered (15	-16)					
18	Temperature	Correction	on Factor (T-6)					
19	Net Barrels 3	letered (1	(9 × 20)		·			
20	Meter Factor	(14÷19)						
REM	ARKS							
21	Average Mete	r Factor						
2	Average Pres	sure Corr	ection Factor (Compre	essibility)				
3	Meter Factor	to Be Use	ed					
	SI	GNED _	,		F	OR		



Size July Model 7-34 Serial No. 108

CO	MPANY HONDADA ASS				<del></del>	The second of the second	
LO	CATION AL HOUSEN				•		
	r.R			DATE 6-9-	83	No.	
Μŧ	ETER INSTALLED OR REPAIRED		annen gara en	METER PROVER REPORT NUMBER	11.50		
MH	TER MAKE MODEL	SERI	AL 				
_2	OVING OPEN TEMPERATURE	*****		PREVIOUS METER			
	OVING OPEN TEMPERATURE COMPENSATED	YES NO		NUMBER OF BAR SINCE LAST PRO			
РО	OL		G	RAVITY LAST PERIO	D	- 145 A.A.	
===	PROVER DATA		RUN #1	RUN #2	RUN #3	RUN #4	
1	Line Pressure, PSI					2 32 5	
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						
	Beginning Scale Reading, Pounds						
7	Observed Fluid Weight, Pounds (6-7)						
8	A CONTROL OF THE STATE OF THE CONTROL OF THE CONTRO		angles participant of the confidence of the conf				
	Net Fluid Weight, Pounds  Percentage of Water						
10			7.11				
11 12	Fluid Density, Lb/Bbl (T-8 × 42)  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		8502.2				
17	Final Meter Reading, Bbl						
18	Beginning Meter Reading, Bbl		.398				
19	Barrels Registered (17-18)				·		
20	Temperature Correction Factor (T-6)						
21	Net Barrels Metered (19 × 20)						
22	Meter Factor (14 ÷ 21)						
	REMARKS No Jirobelron Sur	ges	l Pefer O	E Piraviocis E	(nebor		
23	Average Meter Factor						
24	Average Pressure Correction Factor (Compr	essibilit	y)				
25	Meter Factor to Be Used		* · · · · · · · · · · · · · · · · · · ·				
Test	ed by Fath History Witnessed	t by		I hereby certiful plete to the be	fy that the informa est of my knowledge		
	all some			m: . l			
Posi	tion [180 Syllim Position_						
STE	ELL'S SALES & SERVICE, INC. Company						
				3113	No. 10 Personal Conference of the Conference of		



Size 2661. Model 4.34 Serial No. 108 PR. NO 623-0463 S.T.R. DATE METER INSTALLED OR REPAIRED. REPORT NUMBER SERIAL METER MAKE MODEL Flow 7.500-2 PREVIOUS METER FACTOR AND DATE PROVING TEMPERATURE YES NUMBER OF BARRELS COMPENSATED METHOD SINCE LAST PROVING CLOSE NO GRAVITY LAST PERIOD. POOL RUN #2 PROVER DATA **RUN #1** RUN #3 **RUN #4** Line Pressure, PSI 1 Calibration Pressure, PSI 2 Separator Line Pressure 4 Observed Gravity and Temperature 5 Cor. Gravity at 60° F (T-5) 6 Final Scale Reading, Pounds Beginning Scale Reading, Pounds 7 Observed Fluid Weight, Pounds (6-7) Net Fluid Weight, Pounds Percentage of Water 10 Fluid Density, Lb/Bbl (T-8 × 42) 11 Air Bouyancy Correction, Lb/Bbl (Closed Method Only) (Std 0.34) Conversion Factor, Lb/Bbl (11+12) 13 | Corrected Barrels in Prover (10 ÷ 13) METER DATA Observed Flow Rate, BPH (360 + No. Sec/0.1 Bbl) 2502 Totalizer Reading 16 17 Final Meter Reading, Bbl Beginning Meter Reading, Bbl 19 Barrels Registered (17-18) Temperature Correction Factor (T-6) Net Barrels Metered (19 × 20) Meter Factor (14 21) REMARKS PLUS wish no production suggest Refer to Driving fraker 23 Average Meter Factor Average Pressure Correction Factor (Compressibility) Meter Factor to Be Used Are all meters on this system included? Yes \_\_\_ No\_ I hereby certify that the information is true and com-Solle Hist plete to the best of my knowledge. Witnessed by Position ..... Address STELL'S SALES & SERVICE, INC. Company... SHEET\_\_\_\_of\_



Size 266 Model 734 Serial No 128

co	MPANY	AmerADAZ	455			Size	Model Seria	al No.		
	CATION	1.2. Ha	ston							
LU	CATION	71 2 4								
S.T	.R		<u> </u>		DATE 8- 1-8	3				
		STALLED OR			METER PROVER	7/65				
ME	TER MA	AKE	MODEL	SERI	REPORT NUMBER	3 fa 83				
7	oving	0000	TEMPERATURE	VDC		PREVIOUS METER FACTOR AND DATE				
	THOD	OPEN	COMPENSATED	YES	2	NUMBER OF BARR				
		CLOSED	]	NO		SINCE LAST PROV	ING			
PO	OL					GRAVITY LAST PERIOI	)			
	ļ	PRO	VER DATA		RUN #1	RUN #2	RUN #3	RUN #4		
1	Line P	ressure, PSI						·		
2	Calibra	tion Pressure, I	PSI							
_3_	Separa	tor Line Pressur	re							
4	Observ	ed Gravity and	Temperature	······································						
_5	Cor. G	ravity at 60° F	(T-5)	<del></del>						
6	Final S	Scale Reading, P	ounds							
7	Beginn	ing Scale Readir	ng, Pounds	<del></del>						
8	Observ	ed Fluid Weigh	t, Pounds (6-7)							
9	Net Fl	uid Weight, Pou	inds							
10	Percen	tage of Water		· · · · · · · · · · · · · · · · · · ·						
11		Density, Lb/Bbl		, , , , , , , , , , , , , , , , , , ,						
12	Air Bo (Close	uyancy Correction Method Only)	on, Lb/Bbl ) (Std 0.34)							
13	Conver	sion Factor, Lb.	/Bbl (11 + 12)							
14	Correct	ted Barrels in P	rover (10 ÷ 13)							
			TER DATA							
_	l 01									
15	(360 ÷	ed Flow Rate, B No. Sec/0.1 Bb	ol)	····						
16	Totaliz	er Reading			2502					
17	Final I	Meter Reading, 1	Bbl							
18	Beginn	ing Meter Read	ing, Bbl							
19	Barrels	Registered (17	-18)							
20	Temper	ature Correction	Factor (T-6)							
21_	Net Ba	rrels Metered (1	19×20)			·				
22	Meter	Factor (14 ÷ 21)								
	DESEAT	wa Decel	ent ma a pa	Rec 1.	Lan Sugar	Defeate ;	service de	refer		
	KEMAI	VAS				0	0			
	<b>-</b>	· · · · · · · · · · · · · · · · · · ·								
23	Averag	e Meter Factor								
24	Averag	e Pressure Cor.	rection Factor (Comp	ressibil	ity)					
25	Meter 1	Factor to Be Us	ed							
						Are all meters	on this system include	led? Yes No		
		3.1	/_/.			I hereby certify plete to the bes	y that the information at of my knowledge.	n is true and com-		
Tes	ted by	Joseph .	Witness.	ed by_		Signed				
Pos	ition	Tul OSen	Witness	<del></del>		Title				
						Address				
STI	ell's s.	ALES & SERVI	CE, INC. Compan	y		Company				
						SHEI	ETof			



			a Mes		···	Size 26	Model 7.34 Se	erial No./08
LOC	MPANY/ CATION	H.L.A	n Ass laston					
s.t.								
S.1.	π				DATE 9-19			
	TER INS	STALLED OR I	REPAIRED	SERIA	METER PROVEI	er 4/083		
1	loco		7500-2			PREVIOUS MET	77	
	OVING	OPEN	TEMPERATURE	YES		FACTOR AND I		
ME'	THOD	CLOSED 🖊	COMPENSATED	NO •		NUMBER OF BA		
POC	)L				G	RAVITY LAST PER	RIOD	
		PRO	VER DATA		RUN #1	RUN #2	RUN #3	RUN #4
1	Line Pr	essure, PSI						
2	Calibrat	ion Pressure, F	PSI					
3	Separat	or Line Pressur	re					
4	Observe	d Gravity and	Temperature					
5	Cor. Gr	avity at 60° F	(T-5)					
6	Final S	cale Reading, Pe	ounds					
7	Beginni	ng Scale Readir	ng, Pounds					
8	Observe	d Fluid Weight	t, Pounds (6-7)					
9	Net Flu	id Weight, Pou	ands					
10	Percent	age of Water						
11 12	Air Bou	ensity, Lb/Bbl nyancy Correction of Method Only	on, Lb/Bbl					
13	Convers	ion Factor, Lb,	/Bbl (11 + 12)					
14	Correcte	ed Barrels in P	rover (10 ÷ 13)				·	
		MET	TER DATA					
15	Observe (360 ÷	d Flow Rate, B No. Sec/0.1 Bb	PH ol)					
16	Totalize	er Reading						
17	Final M	eter Reading, I	Bbl		8502			
18	Beginni	ng Meter Readi	ing, Bbl					
19	Barrels	Registered (17	' - 18)					
20	Tempera	ture Correction	n Factor (T-6)		· · · · · · · · · · · · · · · · · · ·			
21	Net Bar	rels Metered (1	19 × 20)					
22	Meter F	actor (14 ÷ 21)						
	REMAR		no profu	/ran.a	0			
23	Average	Meter Factor						
24			rection Factor (Comp	ressibilit	y)			
25	Meter F	actor to Be Us	ed					
Test	ed by	566/f	Ser Witness	ed by		I hereby co plete to the	ters on this system inc rtify that the informat best of my knowledge	ion is true and com-
Posi	tion Z	il So			W 75 47 1500 W 7 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Title		
			•					
STE	LUS SA	LES & SERVI	CE, INC. Compan	У		Company		