

**DOYLE HARTMAN**

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

June 4, 1985

Mrs. Marilyn Tarleton  
14 Middlesbury Lane  
Los Altos, California 94022

Re: E. E. Jack Lease  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico

Dear Mrs. Tarleton:

We have been informed through our attorney, William F. Carr of Santa Fe, and through your attorney, Mark Adams of Santa Fe that you are still entertaining the possibility of selling your interest in the above-captioned 160-acre Jalmat (gas) lease, but as of this date you have not had an evaluation of your interest performed by a Registered Petroleum Engineer.

In view of these circumstances and at the request of your attorney, we have continued to June 19 (previously set for June 5) the compulsory pooling hearing covering our proposed E. E. Jack No. 5 well to be drilled as an infill Jalmat well in the NW/4 Section 8, T-24-S, R-37-E. Furthermore, because the services of a Registered Petroleum Engineer may be more readily available in Midland, we have also taken the liberty of having your 25% interest covering the Jalmat interval in the E. E. Jack lease evaluated by Joe C. Neal and Associates, an independent engineering consulting firm.

Please find enclosed a copy of a reserves and economics evaluation dated June 3, 1985 and performed by Mr. Joe C. Neal. A review of the enclosed evaluation reveals the present worth of the future production attributable to your 25% WI in the E. E. Jack 160-acre Jalmat (gas) lease to be \$32,169.00 based on a 12% discount rate. Our original purchase offer submitted to you on February 20, 1985 was for \$48,000.00. You can see from the attached evaluation that our \$48,000.00 offer is quite a bit more generous than you could expect to receive if you were to sell your interest on the open market. Normally properties sell for an amount about equal to the computed future present worth based on a 25% discount factor.

Mrs. Marilyn T. Eton  
June 4, 1985  
Page 2

As we have already indicated in past correspondence, we are still willing to purchase your Jalmat (Gas) interest in NW/4 Section 8, T-24-S, R-37-E for \$48,000. However, since we do have a hearing scheduled for June 19, we respectfully request your prompt attention to this matter.

Very truly yours,

DOYLE HARTMAN



Ruth Sutton  
Landman

RS/mh

Enclosure

cc: Mr. William F. Carr  
Campbell and Black, P. A.  
Post Office Box 2208  
Santa Fe, New Mexico 87501

Mr. Daniel S. Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501

Mr. William P. Aycock  
1207 W. Wall  
Midland, Texas 79701

Mr. Mark Adams

PDP JACK - 1 8-248-37E  
JALMAT (GAS)  
LEA, NM  
SUN EXPLORATION

EVALUATION FOR DOYLE HARTMAN  
CASE II

RESERVES AND ECONOMICS

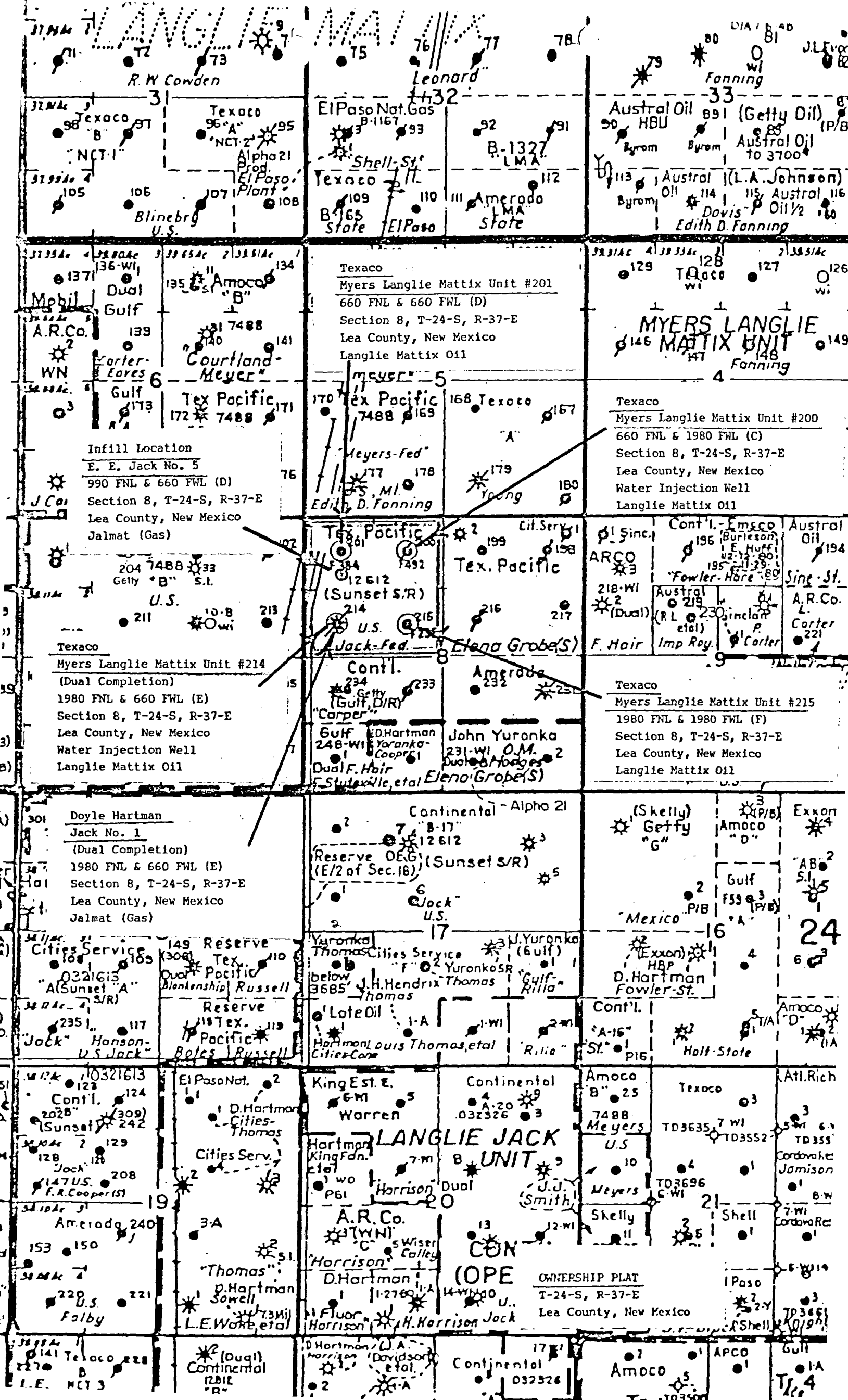
AS OF JULY 1, 1985

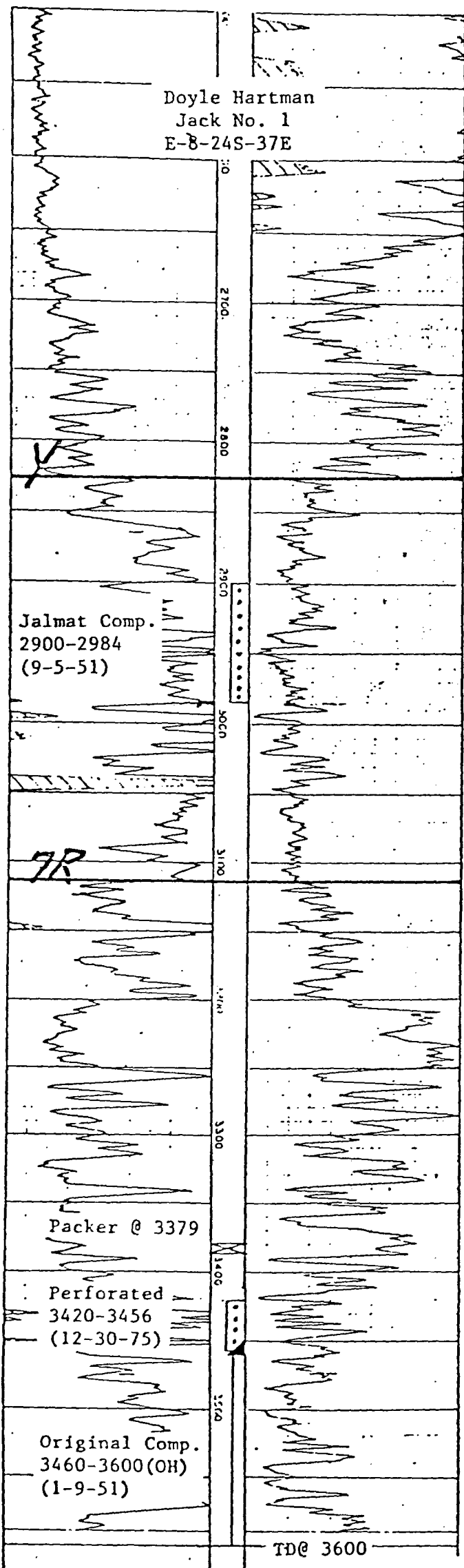
END- MO-YR	GROSS PRODUCTION		NET PRODUCTION		PRICES		OPERATIONS, M\$		CAPITAL COSTS, M\$	CASH FLOW		12.00 PCT CUM. DISC STAX, M\$
	OIL, MMBL	GAS, MMCF	OIL, MMBL	GAS, MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV+ WF TAXES		BTAX, M\$	STAX, M\$	
12-85	.000	26.228	.000	2.410	.00	1.17	6.324	1.010	.000	4.076	3.962	
12-86	.000	48.088	.000	9.918	.00	1.17	11.594	1.851	.000	7.119	10.318	
12-87	.000	42.797	.000	8.827	.00	1.24	10.938	1.672	.000	6.485	15.488	
12-88	.000	38.090	.000	7.856	.00	1.31	10.319	1.511	.000	5.860	19.659	
12-89	.000	33.900	.000	6.992	.00	1.39	9.735	1.366	.000	5.244	22.9	
12-90	.000	30.171	.000	6.223	.00	1.48	9.184	1.236	.000	4.636	25.623	
12-91	.000	26.852	.000	5.538	.00	1.56	8.664	1.119	.000	4.034	27.667	
12-92	.000	23.899	.000	4.929	.00	1.66	8.174	1.014	.000	3.439	29.223	
12-93	.000	21.269	.000	4.387	.00	1.76	7.711	.919	.000	2.847	30.373	
12-94	.000	18.930	.000	3.904	.00	1.86	7.274	.834	.000	2.259	31.188	
12-95	.000	16.848	.000	3.475	.00	1.98	6.863	.758	.000	1.673	31.727	
12-96	.000	14.994	.000	3.093	.00	2.09	6.475	.689	.000	1.088	32.040	
12-97	.000	13.345	.000	2.752	.00	2.22	6.107	.626	.000	.501	32.169	
12-98												
12-99												

12-0												
12-1												
12-2												
12-3												
12-4												
6 TOT	.000	353.411	.000	73.304	.00	1.49	109.362	14.603	.000	49.261	32.1	
REM.	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	32.169	
TOTAL	.000	353.411	.000	73.304	.00	1.49	109.362	14.603	.000	49.261	32.169	
CUM.	.000	5026.915										
U.L.T.	.000	5382.326										
BTAX RATE OF RETURN (PCT)												
BTAX PAYOUT YEARS	100.00											
BTAX PAYOUT YEARS (DISC)	.00											
BTAX NET INCOME/INVEST	.00											
BTAX NET INCOME/INVEST (DISC)	.00											
INITIAL M.I. FRACTION												
FINAL M.I. FRACTION	230000											
PRODUCTION START DATE	7-1-85											
MONTHS IN FIRST LINE	6.00											
PRESENT WORTH PROFILE												
DISC RATE	0											
PW OF NET BTAX, M\$	49.261											
PW OF NET STAX, M\$	21.032											
DISC RATE	35.0											
PW OF NET BTAX, M\$	19.241											
DISC RATE	40.0											
PW OF NET BTAX, M\$	17.762											
DISC RATE	43.0											
PW OF NET BTAX, M\$	16.519											
DISC RATE	50.0											
PW OF NET BTAX, M\$	15.469											
DISC RATE	60.0											
PW OF NET BTAX, M\$	13.769											
DISC RATE	70.0											
PW OF NET BTAX, M\$	12.473											
DISC RATE	80.0											
PW OF NET BTAX, M\$	11.445											
DISC RATE	90.0											
PW OF NET BTAX, M\$	10.610											
DISC RATE	100.0											
PW OF NET BTAX, M\$	9.922											

DATE: 06/03/85  
TIME: 16:33.34  
FILE: JACK  
DET0: 1

JOE C. NEAL & ASSOCIATES  
PETROLEUM CONSULTANTS JC





COMPANY Doyle Hartman  
(Getty)

WELL E. E. Jack No. 1  
(MLMU No. 214)

FIELD Jalmat (Gas)

LOCATION 1980 FNL & 660 FWL (E)  
Section 8, T-24-S, R-37-E  
(24-37-8-E)

COUNTY Lea

STATE New Mexico

ELEVATIONS: KB \_\_\_\_\_  
DF 3305  
5-31-85 GL \_\_\_\_\_

### COMPLETION RECORD

SPUD DATE 11-02-50 COMP. DATE 1-09-51

TD 3600 PBTD \_\_\_\_\_

CASING RECORD 10-3/4 @ 323 w/200  
5-1/2 @ 3460 w/300

PERFORATING RECORD OH: 3460-3600

STIMULATION Shot/200 qts  
(3460-3590)

IP IPF= 53 BOPD (Langlie Mattix)

GOR GR 36

TP 120 CP 400

CHOKE TUBING 2 @ 3470

### REMARKS

9-05-51: Perf 2900-2984 w/168.

Blew out. Excellent blow for 6 hrs.

Dual Comp. Yates F/10 MFCF

Queen 2.4 BOPH.

1-64: TA Langlie Mattix Zone

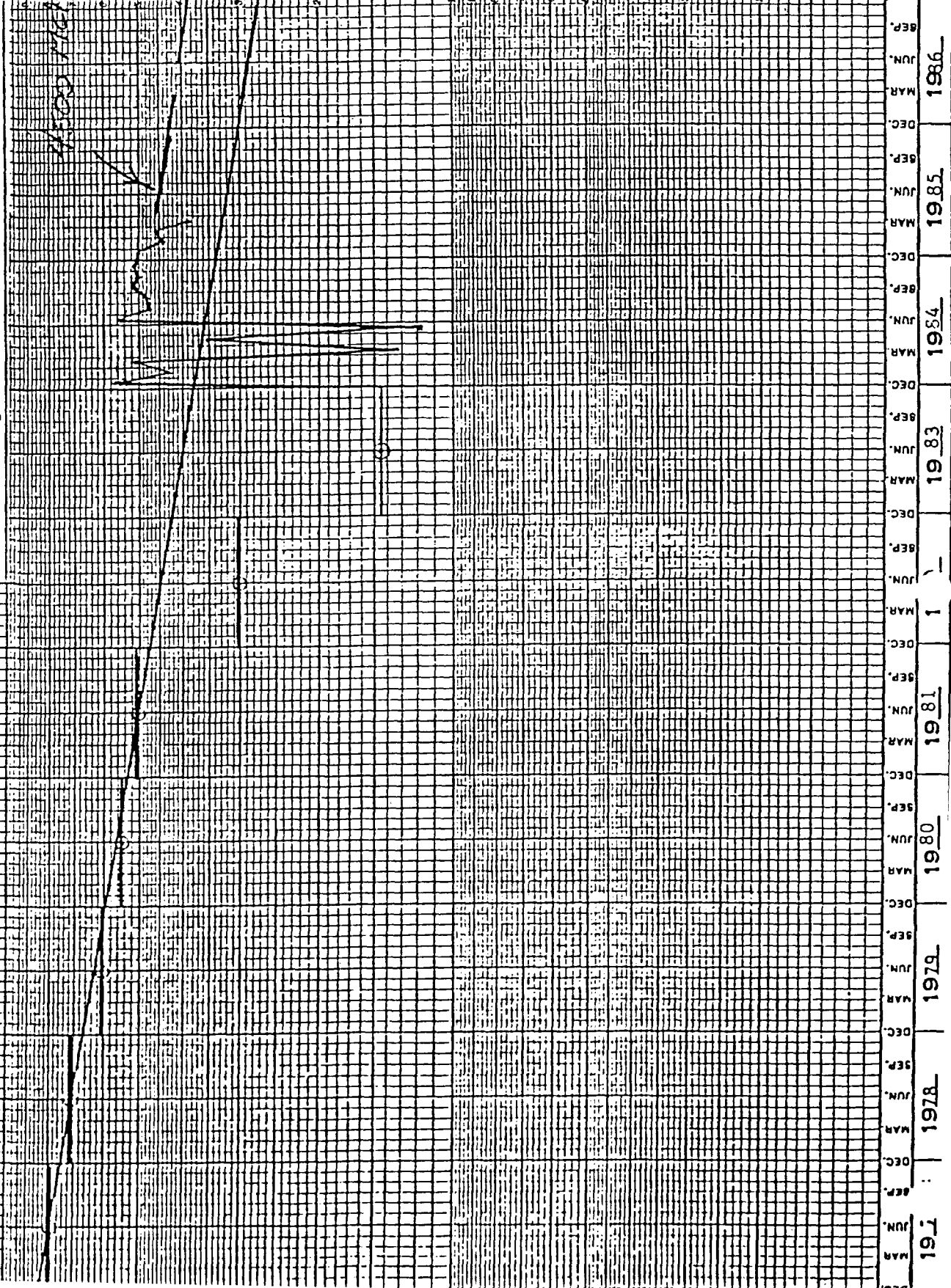
12-30-75: Perf 3420-3456. A/750.

Converted to WTW thru 3420-56 & OH  
3460-3600.

NOTE: Lower Yates unperforated  
in E. E. Jack No. 1 wellbore.

510 MIN

Field:	Jalmat (Gas)
Operator:	Sun Exploration & Production
Well:	Jack No. 1
Location:	E-8-24S-37E
County:	Lea
State:	New Mexico
Date Prod. Began:	Acres:



Marilyn L. Tarlton  
Trustee  
14 Middlebury Lane  
Los Altos, California 94022

May 29, 1985

Mr. Doyle Hartman  
500 North Main  
P.O. Box 10426  
Midland, Texas 79702

Re: NW/4 of Section 8, Township 24 South, Range 37 East, Lea  
County, New Mexico

Dear Mr. Hartman:

When you purchased your part ownership in E.E. Jack No. 1, you bought into a partnership which has been in successful operation for many years. You also bought into, with your portion of the partnership, an existing and valid operating agreement. Your continuing refusal to recognize this operating agreement puts us in an adversarial position which needs to be resolved. I do not agree with your claim that the original operating agreement has "expired under its own terms."

You indicated in your letter of May 8 that you are somewhat amazed at my attitude toward the drilling of the proposed new infill well. I have not in any way indicated to you my position on the drilling of a new well. Indeed, I am somewhat amazed that you would consider drilling a new well given my refusal to sign your proffered "new operating agreement", which agreement is both unneeded and completely unacceptable to me as trustee for the Lortscher interest.

At this point, it seems to me that we need to settle the basics before we can consider new or expanded development on this lease. I cannot believe that the compulsory pooling statutes of the State of New Mexico would support a new operator forcing upon existing partners a farmout offer which does not conform to an existing and valid operating agreement.

cc Encl. 5-30-85

MAY 30 1985

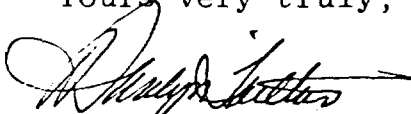
Mr. Doyle Hartman  
May 29, 1985  
Page 2

Should you wish to propose an alternative which, contrary to those in your letter of April 2nd, conforms to the operating agreement, I would be willing to consider it.

Or, should you be interested in making an offer to purchase more in line with the earnings of the oil and gas interest owned by the Lortscher Trust, it may be of interest to you to know that since I became trustee in June of 1981, the average monthly net income has been \$1,475.00, not the \$1,032.26 figured in your letter of April 11, 1985. (\$64,000 divided by 62 months.)

Please know that I am as anxious as you to come to an understanding which will permit continued profitable operation of this lease.

Yours very truly,



Marilyn Tarlton  
Trustee

MT/sa

cc: Mark Adams, Rodey, Dickason, Sloan, Akin & Robb, P.A.  
Judge Robert C. Scott  
Mrs. Arlene S. Anthony



EXP-100

SEE BACK FORM SET FOR COMPLETE PREPARATION INSTRUCTIONS

YOUR FEDERAL EXPRESS ACCOUNT NUMBER

1070-048-0

DATE

5/29/85



FROM (Your Name)

Marilyn Tarlton

COMPANY

DEPARTMENT/FLOOR NO

TO (Recipient's Name)

Doyle Hartman

COMPANY

If Hold For Pick Up or Saturday Delivery  
Recipient's Phone Number

DEPARTMENT/FLOOR NO

STREET ADDRESS

14 Middlebury Lane

CITY

Los Altos

STATE

Ca.

STREET ADDRESS (P.O. BOX NUMBERS ARE NOT DELIVERABLE)

500 North Main

CITY

Midland

STATE

Texas

AIRBILL NO.

707720694

ZIP ADDRESS OF CARRIER FOR  
FOR CORRECT INVOICING

94022

IN TENDERING THIS SHIPMENT, SHIPPER AGREES THAT  
F.E.C. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM  
CARRIAGE HEREON. F.E.C. DOES NOT  
CLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH  
RESPECT TO THIS SHIPMENT. THIS IS A NON-NEGOTIABLE  
AGREEMENT SUBJECT TO CONDITIONS OF CONTRACT SET FORTH  
ON REVERSE OF SHIPPER'S COPY. UNLESS YOU DECLARE A  
HIGHER VALUE, THE LIABILITY OF FEDERAL EXPRESS CORPORATION IS LIMITED TO \$100.00ZIP ADDRESS OF CARRIER FOR  
FOR OVERNIGHT DELIVERY

79701

YOUR NOTES/REFERENCE NUMBERS (FIRST 12 CHARACTERS WILL ALSO APPEAR ON INVOICE)

Pers.

PAYMENT ☒ P.I. Shipper ☐ Bill Recipient's F.E.C. Acct. ☐ Bill 3rd Party F.E.C. Acct. ☐ Bill Credit Card  
☐ Cash In Advance Account Number/Credit Card NumberIN TENDERING THIS SHIPMENT, SHIPPER AGREES THAT  
F.E.C. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM  
CARRIAGE HEREON. F.E.C. DOES NOT  
CLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, WITH  
RESPECT TO THIS SHIPMENT. THIS IS A NON-NEGOTIABLE  
AGREEMENT SUBJECT TO CONDITIONS OF CONTRACT SET FORTH  
ON REVERSE OF SHIPPER'S COPY. UNLESS YOU DECLARE A  
HIGHER VALUE, THE LIABILITY OF FEDERAL EXPRESS CORPORATION IS LIMITED TO \$100.00

FEDERAL EXPRESS USE

FREIGHT CHARGES

DECLARED VALUE CHARGE

SERVICES CHECK ONLY ONE BOX		DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED		PIECES	WEIGHT	DECLARED VALUE	O/S	EMP. NO.	DATE	FEDERAL EXPRESS USE			
<b>PRIORITY ONE (P-1)</b> <input checked="" type="checkbox"/> <b>OVERNIGHT LETTER</b> <input type="checkbox"/> <b>OVERNIGHT PARCEL</b> <input type="checkbox"/> <b>COURIER PAK</b> <input type="checkbox"/> <b>OVERNIGHT ENVELOPE</b> <input type="checkbox"/> <b>OVERNIGHT BOX</b> <input type="checkbox"/> <b>OVERNIGHT TUBE</b> <b>STANDARD AIR</b> <input type="checkbox"/> <b>DELIVERY AND BUSINESS DAY FOLLOW-UP PICK UP</b>		<input type="checkbox"/> <b>HOLD FOR PICK-UP AT FOLLOWING FEDERAL EXPRESS LOCATION SHOWN IN SERVICE GUIDE.</b> <input checked="" type="checkbox"/> <b>DELIVER</b> <input type="checkbox"/> <b>SATURDAY SERVICE REQUIRED</b> <input type="checkbox"/> <b>RESTRICTED ARTICLES SERVICE (P-1 and Standard Air Packages Only) extra charge.</b> <input type="checkbox"/> <b>SSS (Signature Security Service required extra charge applies)</b> <input type="checkbox"/> <b>DAY ICE</b> _____ LBS <input type="checkbox"/> <b>OTHER SPECIAL SERVICE</b> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____									<input type="checkbox"/> <b>CASH RECEIVED</b> <input type="checkbox"/> <b>RETURN SHIPMENT</b> <input type="checkbox"/> <b>THIRD PARTY</b> <input type="checkbox"/> <b>CHG TO DEL</b> <input type="checkbox"/> <b>CHG TO HOLD</b>	<b>AGT/PRO</b> <b>AGT/PRO</b>	<b>ADVANCE ORIGIN</b> <b>ADVANCE DESTINATION</b>
				<b>TOTAL</b>	<b>TOTAL</b>	<b>TOTAL</b>		<b>STREET ADDRESS</b>		<b>OTHER</b>			
				<b>RECEIVED AT</b> <input type="checkbox"/> <b>SHIPPER'S DOOR</b> <input type="checkbox"/> <b>REGULAR STOP</b> <input checked="" type="checkbox"/> <b>ON CALL STOP</b> <input type="checkbox"/> <b>F.E.C. LOC</b>				<b>CITY</b> _____ <b>STATE</b> _____ <b>ZIP</b> _____		<b>TOTAL CHARGES</b>			
				<b>Federal Express Corporation Employee No.</b> _____				<b>RECEIVED BY: (Signature)</b> <b>X</b>		<b>PART</b> #2041735000 REVISION DATE 3/81 PRINTED U.S.A.			
				<b>DATE/TIME For Federal Express Use</b> _____				<b>DATE/TIME RECEIVED</b> _____		<b>F.E.C. EMPLOYEE NUMBER</b> _____			

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10428

MIDLAND, TEXAS 79702

(915) 684-4011

May 20, 1985

Mr. Robert C. Scott  
2826 East Oakland Park Blvd.  
Fort Lauderdale, Florida 33306

Re: E. E. Jack No. 1  
NW/4 Section 8  
T-24S, R-37E  
Lea County, New Mexico

Dear Mr. Scott:

In the past, through numerous letters and telephone conversations, we have tried to impress upon you the extremely urgent need for the drilling of a new infill Jalmat (gas) well on our 160-acre E. E. Jack lease. Although we had previously docketed a compulsory pooling hearing for May 21, we have delayed the hearing to give you two additional weeks to have the opportunity to voluntarily cooperate in the drilling of our proposed new Jalmat (gas) well.

In the past we have tried to emphasize the fact that it is very unlikely that the Jalmat (gas) interval in the E. E. Jack No. 1 will recover all of the remaining Jalmat (gas) reserves underlying the subject 160-acre tract. Please find enclosed the attached exhibit that was compiled (with considerable effort) to demonstrate to you and the New Mexico Oil Conservation Division the producing history of the original dually completed Jalmat-Langlie Mattix wells within the boundaries of the Myers-Langlie Mattix Unit waterflood since the start of the Myers-Langlie Mattix Unit waterflood in 1974. Since 1974, the Jalmat (gas) zone has been abandoned in 11 of the 15 original Jalmat-Langlie Mattix duals initially placed into the Myers-Langlie Mattix Unit waterflood (73.3% abandoned to date). During the same time frame, the Jalmat production from dually completed wells has dropped from 117,696 mcf/mo to 7,137 mcf/mo, for a 93.9% decline in Jalmat production from dually completed wells. Therefore, as demonstrated by the attached table, it should be very obvious that attempting to produce any remaining Jalmat (gas) reserves through the annulus of a dually completed Jalmat-Langlie Mattix well is a highly inefficient and unsatisfactory method of producing the Jalmat interval, and it is imperative that a new infill Jalmat producer be drilled on the E. E. Jack lease before the Jalmat interval in the E. E. Jack No. 1 (MLMU No. 214) is completely lost and any remaining Jalmat reserves are left unrecovered.

In any event, we have proposed the drilling of a new infill well being that the recovery of any remaining Jalmat (gas) reserves from a dually completed well is a precarious situation at best, and any future well problems that might occur in the E. E. Jack could result in the

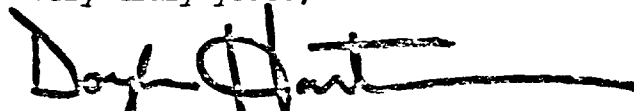
Mr. Robert C. S. t  
May 20, 1985  
Page 2

permanent loss of Jalmat (gas) production as to the E. E. Jack lease. We are further making the subject proposal so that we, as the largest working interest owner in the lease, will have the opportunity to recover all of the remaining reserves from the E. E. Jack lease in the most prudent and efficient manner possible. Although NMOC rules are designed to protect the correlative rights of all leasehold owners from offset operators, it is the obligation of the owners of each individual lease to ensure that he has the ability to recover the reserves from under his tract, and to ensure that he is in all instances protecting his Lessor, which in this case is the United States of America.

At the time we purchased our interest in the E. E. Jack Lease, we inherited a situation where the original Jalmat (gas) producer had been placed in the Myers-Langlie Mattix Unit waterflood as a dual producer by the previous operator. At this time, we are simply attempting to make the best of a less than optimum situation and therefore are proposing to drill the proposed E. E. Jack No. 5 infill Jalmat producer. We respectfully request your cooperation as a working interest owner concerning the proposed further development of the E. E. Jack lease. In the event that you are not interested in the drilling of the E. E. Jack No. 5 well, then our previous offers to purchase or farmout your interest still stand.

Please let us hear from you in this regard without further delay.

Very truly yours,

  
Doyle Hartman

DH/mh

Enclosure as above

cc: Mr. William F. Carr  
Campbell and Black, P. A.  
Post Office Box 2208  
Santa Fe, New Mexico 87501

Mr. Daniel Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501

Mr. William P. Aycock  
1207 West Wall  
Midland, Texas 79701

History of Dually Completed Wells  
Jalmat-Langlie Mattix Pools  
T-23-S & T-24-S; R-36-E & R-37-E  
Lea County, New Mexico

<u>Operator</u>	<u>Well Name</u>	<u>Pool</u>	<u>Location</u>	<u>Type of Dual</u> (P-Producer) (I-Injector)	<u>Average</u> <u>Production</u>	<u>Cum Prod.</u> <u>Through</u> <u>Date Shown</u>	<u>Remarks</u> <u>and/or</u> <u>Present Status</u>
1. Getty Amerada Hess	MLMU No. 68	LM	F-36-23S-36E	P	1984 135 BO/Mo.	12-84 71.2 MBO	
	State LMT No. 2	JM	F-36-23S-36E		1973 16106 MCF/Mo. 1980 481 MCF/Mo.	12-73 5073.7 MMCF 7-80 5576.8 MMCF	Last JM Prod: 7-80
2. Getty Getty	MLMU No. 100	LM	J-36-23S-36E	P	1984 208 BO/Mo.	12-84 87.9 MBO	
	Mexico "D" No. 1	JM	J-36-23S-36E		1973 9690 MCF/Mo. 1981 2 MCF/Mo.	12-73 2617.6 MMCF 2-81 2983.7 MMCF	Last JM Prod: 2-81
3. Getty Gulf	MLMU No. 104	LM	P-36-23S-36E	P	1984 674 BO/Mo.	12-84 193.2 MBO	
	J. R. Holt NCT-B No. 2	JM	P-36-23S-36E		1973 10291 MCF/Mo. 1981 391 MCF/Mo.	12-73 1814.8 MMCF 11-81 1991.8 MMCF	Last JM Prod: 11-81
4. Getty Gulf	MLMU No. 4	LM	D-29-23S-37E	P	1984 175 BO/Mo.	12-84 21.9 MBO	
	C. E. Lamunyon No. 4	JM	D-29-23S-37E		1973 6737 MCF/Mo. 1978 13311 MCF/Mo.	12-73 3148.7 MMCF 4-78 3207.1 MMCF	Last JM Prod: 4-78
5. Getty Conoco	MLMU No. 206	LM	E-12-24S-36E	I	Injector		JM Presently Producing
	Vaughan A-12 No. 1	JM	E-12-24S-36E	P	1973 640 MCF/Mo. 1984 152 MCF/Mo.	12-73 1238.4 MMCF 12-84 1347.7 MMCF	
6. Getty ARCO	MLMU No. 207	LM	F-12-24S-36E	P	1984 70 BO/Mo.	12-84 9.7 MBO	
	Cooper WN No. 2	JM	F-12-24S-36E		1973 1248 MCF/Mo. 1975 800 MCF/Mo.	12-73 703.2 MMCF 8-75 721.5 MMCF	Last JM Prod: 8-75
7. Getty ARCO	MLMU No. 208	LM	G-12-24S-36E	I	Injector		
	Cooper WN No. 1	JM	G-12-24S-36E		1973 614 MCF/Mo. 1975 344 MCF/Mo.	12-73 1034.5 MMCF 8-75 1042.7 MMCF	Last JM Prod: 8-75
8. Getty Conoco	MLMU No. 209	LM	H-12-24S-36E	P	1984 78 BO/Mo.	12-84 42.3 MBO	
	Vaughan B-12 No. 1	JM	H-12-24S-36E		1973 10151 MCF/Mo. 1974 11443 MCF/Mo.	12-73 5597.9 MMCF 11-74 5690.9 MMCF	Last JM Prod: 11-74

<u>Operator</u>	<u>Well Name</u>	<u>Pool</u>	<u>Location</u>	<u>Type of Dual (P-Producer) (I-Injector)</u>	<u>Average Production</u>	<u>Cum Prod. Through Date Shown</u>	<u>Remarks and/or Present Status</u>
9. Getty Texaco	MLMU No. 144 E. D. Fanning No. 7	LM JM	G- 5-24S-37E	I	Injector	6-73 1458.5 MMCF	Last JM Prod: 6-73
			G- 5-24S-37E		1973 40 MCF/Mo.		
10. Getty Gulf	MLMU No. 136 Carter Eaves NCT-A No. 1	LM JM	C- 6-24S-37E	I	Injector		JM Presently Producing
			C- 6-24S-37E	P	1973 9371 MCF/Mo.	12-73 1614.5 MMCF	
					1984 2330 MCF/Mo.	12-84 2254.5 MMCF	
11. Getty Sun	MLMU No. 172 C Myers No. 1	LM JM	J- 6-24S-37E	P	1984 460 BO/Mo.	12-84 144.8 MBO	Last JM Prod: 9-82
			J- 6-24S-37E		1973 17203 MCF/Mo.	12-73 3071.1 MMCF	
					1982 46 MCF/Mo.	9-82 3741.7 MMCF	
12. AA Energy Doyle Hartman	Toby No. 2 Toby No. 2	LM JM	K- 7-24S-37E	P	1984 972 BO/Mo.	12-84 56.2 MBO	Last JM Prod: 12-82
			K- 7-24S-37E		1973 3639 MCF/Mo.	12-73 3349.2 MMCF	
					1982 71 MCF/Mo.	12-82 3777.2 MMCF	
13. Getty Doyle Hartman	MLMU No. 214 Jack No. 1	LM JM	E- 8-24S-37E	I	Injector		JM Presently Producing
			E- 8-24S-37E	P	1973 14797 MCF/Mo.	12-73 4156.3 MMCF	
					1984 4288 MCF/Mo.	12-84 5001.0 MMCF	
14. Getty ARCo	MLMU No. 218 Fowler Hair No. 2	LM JM	E- 9-24S-37E	I	Injector		Last JM Prod: 7-76
			E- 9-24S-37E		1973 10300 MCF/Mo.	12-73 3168.5 MMCF	
					1976 13028 MCF/Mo.	7-76 3476.8 MMCF	
15. Getty Amoco	MLMU No. 996 Myers B Fed. RA A No. 13	LM JM	L- 9-24S-37E	P			LM Not Producing JM Presently Producing
			L- 9-24S-37E	P	1973 6909 MCF/Mo.	12-73 1731.8 MMCF	
					1984 367 MCF/Mo.	12-84 1953.0 MMCF	

NOTE: Total number of duals at beginning of Myers Langlie Mattix Unit Waterflood: 15  
Total duals producing from Jalmat (Gas) at end of 1984: 4  
Total duals with Jalmat (Gas) abandoned at end of 1984: 11 (73.3% abandoned)  
Average Jalmat Production from Duals for year 1973 (15 wells): 117,696 MCF/Mo.  
Average Jalmat Production from Duals for year 1984 ( 4 wells): 7,137 MCF/Mo. (93.3% drop from the initial total production rate)

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

May 20, 1985

Ms. Arlene Anthony  
721 Chatham Road  
Olenville, Illinois 60025

Re: E. E. Jack No. 1  
NW/4 Section 8  
T-24S, R-37E  
Lea County, New Mexico

Dear Ms. Anthony:

In the past, through numerous letters and telephone conversations, we have tried to impress upon you the extremely urgent need for the drilling of a new infill Jalmat (gas) well on our 160-acre E. E. Jack lease. Although we had previously docketed a compulsory pooling hearing for May 21, we have delayed the hearing to give you two additional weeks to have the opportunity to voluntarily cooperate in the drilling of our proposed new Jalmat (gas) well.

In the past we have tried to emphasize the fact that it is very unlikely that the Jalmat (gas) interval in the E. E. Jack No. 1 will recover all of the remaining Jalmat (gas) reserves underlying the subject 160-acre tract. Please find enclosed the attached exhibit that was compiled (with considerable effort) to demonstrate to you and the New Mexico Oil Conservation Division the producing history of the original dually completed Jalmat-Langlie Mattix wells within the boundaries of the Myers-Langlie Mattix Unit waterflood since the start of the Myers-Langlie Mattix Unit waterflood in 1974. Since 1974, the Jalmat (gas) zone has been abandoned in 11 of the 15 original Jalmat-Langlie Mattix duals initially placed into the Myers-Langlie Mattix Unit waterflood (73.3% abandoned to date). During the same time frame, the Jalmat production from dually completed wells has dropped from 117,696 mcf/mo to 7,137 mcf/mo, for a 93.9% decline in Jalmat production from dually completed wells. Therefore, as demonstrated by the attached table, it should be very obvious that attempting to produce any remaining Jalmat (gas) reserves through the annulus of a dually completed Jalmat-Langlie Mattix well is a highly inefficient and unsatisfactory method of producing the Jalmat interval, and it is imperative that a new infill Jalmat producer be drilled on the E. E. Jack lease before the Jalmat interval in the E. E. Jack No. 1 (MLMU No. 214) is completely lost and any remaining Jalmat reserves are left unrecovered.

In any event, we have proposed the drilling of a new infill well being that the recovery of any remaining Jalmat (gas) reserves from a dually completed well is a precarious situation at best, and any future well problems that might occur in the E. E. Jack could result in the

Ms. Arlene Antl  
May 20, 1985  
Page 2

permanent loss of Jalmat (gas) production as to the E. E. Jack lease. We are further making the subject proposal so that we, as the largest working interest owner in the lease, will have the opportunity to recover all of the remaining reserves from the E. E. Jack lease in the most prudent and efficient manner possible. Although NMOC rules are designed to protect the correlative rights of all leasehold owners from offset operators, it is the obligation of the owners of each individual lease to ensure that he has the ability to recover the reserves from under his tract, and to ensure that he is in all instances protecting his Lessor, which in this case is the United States of America.

At the time we purchased our interest in the E. E. Jack Lease, we inherited a situation where the original Jalmat (gas) producer had been placed in the Myers-Langlie Mattix Unit waterflood as a dual producer by the previous operator. At this time, we are simply attempting to make the best of a less than optimum situation and therefore are proposing to drill the proposed E. E. Jack No. 5 infill Jalmat producer. We respectfully request your cooperation as a working interest owner concerning the proposed further development of the E. E. Jack lease. In the event that you are not interested in the drilling of the E. E. Jack No. 5 well, then our previous offers to purchase or farmout your interest still stand.

Please let us hear from you in this regard without further delay.

Very truly yours,

  
Doyle Hartman

DH/mh

Enclosure as above

cc: Mr. William F. Carr  
Campbell and Black, P. A.  
Post Office Box 2208  
Santa Fe, New Mexico 87501

Mr. Daniel Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501

Mr. William P. Aycock  
1207 West Wall  
Midland, Texas 79701

History of Dually Completed Wells  
Jalmat-Langlie Mattix Pools  
T-23-S & T-24-S; R-36-E & R-37-E  
Lea County, New Mexico

Operator	Well Name	Pool	Location	Type of Dual (P-Producer) (I-Injector)	Average Production	Cum Prod. Through Date Shown	Remarks and/or Present Status
1. Getty Amerada Hess	MLMU No. 68	LM	F-36-23S-36E	P	1984 135 BO/Mo.	12-84 71.2 MBO	Last JM Prod: 7-80
	State LMT No. 2	JM	F-36-23S-36E		1973 16106 MCF/Mo. 1980 481 MCF/Mo.	12-73 5073.7 MMCF 7-80 5576.8 MMCF	
2. Getty Getty	MLMU No. 100	LM	J-36-23S-36E	P	1984 208 BO/Mo.	12-84 87.9 MBO	Last JM Prod: 2-81
	Mexico "D" No. 1	JM	J-36-23S-36E		1973 9690 MCF/Mo. 1981 2 MCF/Mo.	12-73 2617.6 MMCF 2-81 2983.7 MMCF	
3. Getty Gulf	MLMU No. 104	LM	P-36-23S-36E	P	1984 674 BO/Mo.	12-84 193.2 MBO	Last JM Prod: 11-81
	J. R. Holt NCT-B No. 2	JM	P-36-23S-36E		1973 10291 MCF/Mo. 1981 391 MCF/Mo.	12-73 1814.8 MMCF 11-81 1991.8 MMCF	
4. Getty Gulf	MLMU No. 4	LM	D-29-23S-37E	P	1984 175 BO/Mo.	12-84 21.9 MBO	Last JM Prod: 4-78
	C. E. Lamunyon No. 4	JM	D-29-23S-37E		1973 6737 MCF/Mo. 1978 13311 MCF/Mo.	12-73 3148.7 MMCF 4-78 3207.1 MMCF	
5. Getty Conoco	MLMU No. 206	LM	E-12-24S-36E	I	Injector		JM Presently Producing
	Vaughan A-12 No. 1	JM	E-12-24S-36E	P	1973 640 MCF/Mo. 1984 152 MCF/Mo.	12-73 1238.4 MMCF 12-84 1347.7 MMCF	
6. Getty ARCo	MLMU No. 207	LM	F-12-24S-36E	P	1984 70 BO/Mo.	12-84 9.7 MBO	Last JM Prod: 8-75
	Cooper WN No. 2	JM	F-12-24S-36E		1973 1248 MCF/Mo. 1975 800 MCF/Mo.	12-73 703.2 MMCF 8-75 721.5 MMCF	
7. Getty ARCo	MLMU No. 208	LM	G-12-24S-36E	I	Injector		Last JM Prod: 8-75
	Cooper WN No. 1	JM	G-12-24S-36E		1973 614 MCF/Mo. 1975 344 MCF/Mo.	12-73 1034.5 MMCF 8-75 1042.7 MMCF	
8. Getty Conoco	MLMU No. 209	LM	H-12-24S-36E	P	1984 78 BO/Mo.	12-84 42.3 MBO	Last JM Prod: 11-74
	Vaughan B-12 No. 1	JM	H-12-24S-36E		1973 10151 MCF/Mo. 1974 11443 MCF/Mo.	12-73 5597.9 MMCF 11-74 5690.9 MMCF	



<u>Operator</u>	<u>Well Name</u>	<u>Pool</u>	<u>Location</u>	<u>Type of Dual</u> (P-Producer) (I-Injector)	<u>Average</u> <u>Production</u>	<u>Cum Prod.</u> <u>Through</u> <u>Date Shown</u>	<u>Remarks</u> <u>and/or</u> <u>Present Status</u>
9. Getty Texaco	MLMU No. 144 E. D. Fanning No. 7	LM JM	G- 5-24S-37E G- 5-24S-37E	I	Injector 1973 40 MCF/Mo.	6-73 1458.5 MMCF	Last JM Prod: 6-73
10. Getty Gulf	MLMU No. 136 Carter Eaves NCT-A No. 1	LM JM	C- 6-24S-37E C- 6-24S-37E	I P	Injector 1973 9371 MCF/Mo. 1984 2330 MCF/Mo.	12-73 1614.5 MMCF 12-84 2254.5 MMCF	JM Presently Producing
11. Getty Sun	MLMU No. 172 C Myers No. 1	LM JM	J- 6-24S-37E J- 6-24S-37E	P	1984 460 BO/Mo. 1973 17203 MCF/Mo. 1982 46 MCF/Mo.	12-84 144.8 MBO 12-73 3071.1 MMCF 9-82 3741.7 MMCF	Last JM Prod: 9-82
12. AA Energy Doyle Hartman	Toby No. 2 Toby No. 2	LM JM	K- 7-24S-37E K- 7-24S-37E	P	1984 972 BO/Mo. 1973 3639 MCF/Mo. 1982 71 MCF/Mo.	12-84 56.2 MBO 12-73 3349.2 MMCF 12-82 3777.2 MMCF	Last JM Prod: 12-82
13. Getty Doyle Hartman	MLMU No. 214 Jack No. 1	LM JM	E- 8-24S-37E E- 8-24S-37E	I P	Injector 1973 14797 MCF/Mo. 1984 4288 MCF/Mo.	12-73 4156.3 MMCF 12-84 5001.0 MMCF	JM Presently Producing
14. Getty ARCo	MLMU No. 218 Fowler Hair No. 2	LM JM	E- 9-24S-37E E- 9-24S-37E	I	Injector 1973 10300 MCF/Mo. 1976 13028 MCF/Mo.	12-73 3168.5 MMCF 7-76 3476.8 MMCF	Last JM Prod: 7-76
15. Getty Amoco	MLMU No. 996 Myers B Fed. RA A No. 13	LM JM	L- 9-24S-37E L- 9-24S-37E	P P	1973 6909 MCF/Mo. 1984 367 MCF/Mo.	12-73 1731.8 MMCF 12-84 1953.0 MMCF	LM Not Producing JM Presently Producing

NOTE: Total number of duals at beginning of Myers Langlie Mattix Unit Waterflood: 15  
Total duals producing from Jalmat (Gas) at end of 1984: 4  
Total duals with Jalmat (Gas) abandoned at end of 1984: 11 (73.3% abandoned)  
Average Jalmat Production from Duals for year 1973 (15 wells): 117,696 MCF/Mo.  
Average Jalmat Production from Duals for year 1984 ( 4 wells): 7,137 MCF/Mo. (93.3% drop from the initial total production rate)

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10428

MIDLAND, TEXAS 79702

(915) 684-4011

May 20, 1985

Mrs. Marilyn A. Tarlton  
14 Middlesbury Lane  
Los Altos, California 94022

Re: E. E. Jack No. 1  
NW/4 Section 8  
T-24S, R-37E  
Lea County, New Mexico

Dear Mrs. Tarlton:

In the past, through numerous letters and telephone conversations, we have tried to impress upon you the extremely urgent need for the drilling of a new infill Jalmat (gas) well on our 160-acre E. E. Jack lease. Although we had previously docketed a compulsory pooling hearing for May 21, we have delayed the hearing to give you two additional weeks to have the opportunity to voluntarily cooperate in the drilling of our proposed new Jalmat (gas) well.

In the past we have tried to emphasize the fact that it is very unlikely that the Jalmat (gas) interval in the E. E. Jack No. 1 will recover all of the remaining Jalmat (gas) reserves underlying the subject 160-acre tract. Please find enclosed the attached exhibit that was compiled (with considerable effort) to demonstrate to you and the New Mexico Oil Conservation Division the producing history of the original dually completed Jalmat-Langlie Mattix wells within the boundaries of the Myers-Langlie Mattix Unit waterflood since the start of the Myers-Langlie Mattix Unit waterflood in 1974. Since 1974, the Jalmat (gas) zone has been abandoned in 11 of the 15 original Jalmat-Langlie Mattix duals initially placed into the Myers-Langlie Mattix Unit waterflood (73.3% abandoned to date). During the same time frame, the Jalmat production from dually completed wells has dropped from 117,696 mcf/mo to 7,137 mcf/mo, for a 93.9% decline in Jalmat production from dually completed wells. Therefore, as demonstrated by the attached table, it should be very obvious that attempting to produce any remaining Jalmat (gas) reserves through the annulus of a dually completed Jalmat-Langlie Mattix well is a highly inefficient and unsatisfactory method of producing the Jalmat interval, and it is imperative that a new infill Jalmat producer be drilled on the E. E. Jack lease before the Jalmat interval in the E. E. Jack No. 1 (MLMU No. 214) is completely lost and any remaining Jalmat reserves are left unrecovered.

In any event, we have proposed the drilling of a new infill well being that the recovery of any remaining Jalmat (gas) reserves from a dually completed well is a precarious situation at best, and any future well problems that might occur in the E. E. Jack could result in the

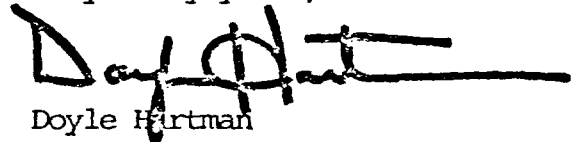
Mrs. Marilyn A. Erlton  
May 20, 1985  
Page 2

permanent loss of Jalmat (gas) production as to the E. E. Jack lease. We are further making the subject proposal so that we, as the largest working interest owner in the lease, will have the opportunity to recover all of the remaining reserves from the E. E. Jack lease in the most prudent and efficient manner possible. Although NMOC rules are designed to protect the correlative rights of all leasehold owners from offset operators, it is the obligation of the owners of each individual lease to ensure that he has the ability to recover the reserves from under his tract, and to ensure that he is in all instances protecting his Lessor, which in this case is the United States of America.

At the time we purchased our interest in the E. E. Jack Lease, we inherited a situation where the original Jalmat (gas) producer had been placed in the Myers-Langlie Mattix Unit waterflood as a dual producer by the previous operator. At this time, we are simply attempting to make the best of a less than optimum situation and therefore are proposing to drill the proposed E. E. Jack No. 5 infill Jalmat producer. We respectfully request your cooperation as a working interest owner concerning the proposed further development of the E. E. Jack lease. In the event that you are not interested in the drilling of the E. E. Jack No. 5 well, then our previous offers to purchase or farmout your interest still stand.

Please let us hear from you in this regard without further delay.

Very truly yours,

  
Doyle Hartman

DH/mh

Enclosure as above

cc: Mr. William F. Carr  
Campbell and Black, P. A.  
Post Office Box 2208  
Santa Fe, New Mexico 87501

Mr. Daniel Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501

Mr. William P. Aycock  
1207 West Wall  
Midland, Texas 79701

History of Dually Completed Wells  
Jalmat-Langlie Mattix Pools  
T-23-S & T-24-S; R-36-E & R-37-E  
Lea County, New Mexico

<u>Operator</u>	<u>Well Name</u>	<u>Pool</u>	<u>Location</u>	<u>Type of Dual</u> (P-Producer) (I-Injector)	<u>Average</u> <u>Production</u>	<u>Cum Prod.</u> <u>Through</u> <u>Date Shown</u>	<u>Remarks</u> <u>and/or</u> <u>Present Status</u>
1. Getty Amerada Hess	MLMU No. 68 State LMT No. 2	LM JM	F-36-23S-36E F-36-23S-36E	P	1984 135 BO/Mo. 1973 16106 MCF/Mo. 1980 481 MCF/Mo.	12-84 71.2 MBO 12-73 5073.7 MMCF 7-80 5576.8 MMCF	Last JM Prod: 7-80
2. Getty Getty	MLMU No. 100 Mexico "D" No. 1	LM JM	J-36-23S-36E J-36-23S-36E	P	1984 208 BO/Mo. 1973 9690 MCF/Mo. 1981 2 MCF/Mo.	12-84 87.9 MBO 12-73 2617.6 MMCF 2-81 2983.7 MMCF	Last JM Prod: 2-81
3. Getty Gulf	MLMU No. 104 J. R. Holt NCT-B No. 2	LM JM	P-36-23S-36E P-36-23S-36E	P	1984 674 BO/Mo. 1973 10291 MCF/Mo. 1981 391 MCF/Mo.	12-84 193.2 MBO 12-73 1814.8 MMCF 11-81 1991.8 MMCF	Last JM Prod: 11-81
4. Getty Gulf	MLMU No. 4 C. E. Lamunyon No. 4	LM JM	D-29-23S-37E D-29-23S-37E	P	1984 175 BO/Mo. 1973 6737 MCF/Mo. 1978 13311 MCF/Mo.	12-84 21.9 MBO 12-73 3148.7 MMCF 4-78 3207.1 MMCF	Last JM Prod: 4-78
5. Getty Conoco	MLMU No. 206 Vaughan A-12 No. 1	LM JM	E-12-24S-36E E-12-24S-36E	I P	Injector 1973 640 MCF/Mo. 1984 152 MCF/Mo.	12-73 1238.4 MMCF 12-84 1347.7 MMCF	JM Presently Producing
6. Getty ARCO	MLMU No. 207 Cooper MN No. 2	LM JM	F-12-24S-36E F-12-24S-36E	P	1984 70 BO/Mo. 1973 1248 MCF/Mo. 1975 800 MCF/Mo.	12-84 9.7 MBO 12-73 703.2 MMCF 8-75 721.5 MMCF	Last JM Prod: 8-75
7. Getty ARCO	MLMU No. 208 Cooper MN No. 1	LM JM	G-12-24S-36E G-12-24S-36E	I	Injector 1973 614 MCF/Mo. 1975 344 MCF/Mo.	12-73 1034.5 MMCF 8-75 1042.7 MMCF	Last JM Prod: 8-75
8. Getty Conoco	MLMU No. 209 Vaughan B-12 No. 1	LM JM	H-12-24S-36E H-12-24S-36E	P	1984 78 BO/Mo. 1973 10151 MCF/Mo. 1974 11443 MCF/Mo.	12-84 42.3 MBO 12-73 5597.9 MMCF 11-74 5690.9 MMCF	Last JM Prod: 11-74

<u>Operator</u>	<u>Well Name</u>	<u>Pool</u>	<u>Location</u>	<u>Type of Dual (P-Producer) (I-Injector)</u>	<u>Average Production</u>	<u>Cum Prod. Through Date Shown</u>	<u>Remarks and/or Present Status</u>
9. Getty Texaco	MLMU No. 144 E. D. Fanning No. 7	LM JM	G- 5-24S-37E G- 5-24S-37E	I	Injector 1973 40 MCF/Mo.	6-73 1458.5 MMCF	Last JM Prod: 6-73
10. Getty Gulf	MLMU No. 136 Carter Eaves NCT-A No. 1	LM JM	C- 6-24S-37E C- 6-24S-37E	I P	Injector 1973 9371 MCF/Mo. 1984 2330 MCF/Mo.	12-73 1614.5 MMCF 12-84 2254.5 MMCF	JM Presently Producing
11. Getty Sun	MLMU No. 172 C Myers No. 1	LM JM	J- 6-24S-37E J- 6-24S-37E	P	1984 460 BO/Mo. 1973 17203 MCF/Mo. 1982 46 MCF/Mo.	12-84 144.8 MBO 12-73 3071.1 MMCF 9-82 3741.7 MMCF	Last JM Prod: 9-82
12. AA Energy Doyle Hartman	Toby No. 2 Toby No. 2	LM JM	K- 7-24S-37E K- 7-24S-37E	P	1984 972 BO/Mo. 1973 3639 MCF/Mo. 1982 71 MCF/Mo.	12-84 56.2 MBO 12-73 3349.2 MMCF 12-82 3777.2 MMCF	Last JM Prod: 12-82
13. Getty Doyle Hartman	MLMU No. 214 Jack No. 1	LM JM	E- 8-24S-37E E- 8-24S-37E	I P	Injector 1973 14797 MCF/Mo. 1984 4288 MCF/Mo.	12-73 4156.3 MMCF 12-84 5001.0 MMCF	JM Presently Producing
14. Getty ARCo	MLMU No. 218 Fowler Hair No. 2	LM JM	E- 9-24S-37E E- 9-24S-37E	I	Injector 1973 10300 MCF/Mo. 1976 13028 MCF/Mo.	12-73 3168.5 MMCF 7-76 3476.8 MMCF	Last JM Prod: 7-76
15. Getty Amoco	MLMU No. 996 Myers B Fed. RA A No. 13	LM JM	L- 9-24S-37E L- 9-24S-37E	P P	1973 6909 MCF/Mo. 1984 367 MCF/Mo.	12-73 1731.8 MMCF 12-84 1953.0 MMCF	LM Not Producing JM Presently Producing

NOTE: Total number of duals at beginning of Myers Langlie Mattix Unit Waterflood: 15  
Total duals producing from Jalmat (Gas) at end of 1984: 4  
Total duals with Jalmat (Gas) abandoned at end of 1984: 11 (73.3% abandoned)  
Average Jalmat Production from Duals for year 1973 (15 wells): 117,696 MCF/Mo.  
Average Jalmat Production from Duals for year 1984 ( 4 wells): 7,137 MCF/Mo. (93.3% drop from the initial total production rate)

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10428

MIDLAND, TEXAS 79702

(915) 684-4011

May 14, 1985

Mr. Robert C. Scott  
2826 East Oakland Park Blvd.  
Fort Lauderdale, Florida 33306

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico

Dear Mr. Scott:

Please refer to our past correspondence and conversations with you relative to drilling the captioned well; with our last letter to you being April 25, 1985.

Frankly, we are somewhat surprised that we have had no further response regarding the drilling of our proposed new infill well. We have already pointed out to you that this well is needed because of the high probability the E. E. Jack No. 1 well will one day suddenly be lost as a producer due to mechanical problems arising out of its present status as a dual Jalmat (Gas) producer and Langlie Mattix water injector. Any mechanical problems will most likely occur at such time as Getty performs any new well work on its Myers Langlie Mattix Unit No. 214 which is dualled with our E. E. Jack No. 1 Jalmat producer.

A study of the other original dually completed wells (a total of 15 Jalmat-Langlie Mattix duals) within the Myers Langlie Mattix Unit waterflood has revealed to us that a disproportionately large percentage (73.3%) of the original dually completed wells within the Myers Langlie Mattix Unit have now been abandoned as to the Jalmat interval. The sad performance of the duals within the Myers Langlie Mattix Unit leads us to believe that we should not expect a normal remaining producing life from the E. E. Jack No. 1.

As to our proposed future plans concerning the E. E. Jack lease, we have previously given you the options of selling your interest, farming out, or joining in the drilling of our proposed new well. Since we have had no further response from you, it appears that you are not interested in taking any of these options that we have proposed.

In view of the conditions noted above, we will, in order to protect our correlative rights, be required to docket before the New Mexico Oil

Mr. Robert C. ( )  
May 14, 1985  
Page 2

Conservation Division a compulsory pooling hearing for the drilling of  
our proposed E. E. Jack No. 6.

Very truly yours,

  
Doyle Hartman

DH/dm

cc: Mr. Daniel S. Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501

Mr. William F. Carr  
Campbell and Black  
Post Office Box 2208  
Santa Fe, New Mexico 87501

Mr. William P. Aycock  
1207 West Wall  
Midland, Texas 79701

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

May 14, 1985

Ms. Arlene Anthony  
721 Chatham Road  
Olenville, Illinois 60025

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico

Dear Ms. Anthony:

Please refer to our past correspondence and conversations with you relative to drilling the captioned well; with our last letter to you being April 25, 1985.

Frankly, we are somewhat surprised that we have had no further response regarding the drilling of our proposed new infill well. We have already pointed out to you that this well is needed because of the high probability the E. E. Jack No. 1 well will one day suddenly be lost as a producer due to mechanical problems arising out of its present status as a dual Jalmat (Gas) producer and Langlie Mattix water injector. Any mechanical problems will most likely occur at such time as Getty performs any new well work on its Myers Langlie Mattix Unit No. 214 which is dualled with our E. E. Jack No. 1 Jalmat producer.

A study of the other original dually completed wells (a total of 15 Jalmat-Langlie Mattix duals) within the Myers Langlie Mattix Unit waterflood has revealed to us that a disproportionately large percentage (73.3%) of the original dually completed wells within the Myers Langlie Mattix Unit have now been abandoned as to the Jalmat interval. The sad performance of the duals within the Myers Langlie Mattix Unit leads us to believe that we should not expect a normal remaining producing life from the E. E. Jack No. 1.

As to our proposed future plans concerning the E. E. Jack lease, we have previously given you the options of selling your interest, farming out, or joining in the drilling of our proposed new well. Since we have had no further response from you, it appears that you are not interested in taking any of these options that we have proposed.

In view of the conditions noted above, we will, in order to protect our correlative rights, be required to docket before the New Mexico Oil



Ms. Arlene Ant  
May 14, 1985  
Page 2

Conservation Division a compulsory pooling hearing for the drilling of  
our proposed E. E. Jack No. 6.

Very truly yours,

  
Doyle Hartman

DH/dm

cc: Mr. Daniel S. Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501

Mr. William F. Carr  
Campbell and Black  
Post Office Box 2208  
Santa Fe, New Mexico 87501

Mr. William P. Aycock  
1207 West Wall  
Midland, Texas 79701

DOYLE HARTMAN

*Oil Operator*

800 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

May 8, 1985

Mrs. Marilyn A. Tarlton  
14 Middlesbury Lane  
Los Altos, California 94022

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico

Dear Mrs. Tarlton:

We are in receipt of your letter of April 26, 1985 which indicates you are unwilling to join us in the drilling of the above captioned well.

Frankly, we are somewhat amazed at your attitude toward the drilling of our proposed new infill well. We have already pointed out to you that this well is needed because of the high probability the E. E. Jack No. 1 well will one day suddenly be lost as a producer due to mechanical problems arising out of its present status as a dual Jalmat (Gas) producer and Langlie Mattix water injector. Any mechanical problems will most likely occur at such time as Getty performs any new well work on its Myers Langlie Mattix Unit No. 214 which is dualled with our E. E. Jack No. 1 Jalmat producer.

A study of the other original dually completed wells (Jalmat-Langlie Mattix) within the Myers Langlie Mattix Unit waterflood has revealed to us that a disproportionately large percentage of the original dually completed wells within the Myers Langlie Mattix Unit have now been abandoned as to the Jalmat interval. The performance of the duals within the Myers Langlie Mattix Unit leads us to believe that we cannot expect a normal producing life from the E. E. Jack No. 1.

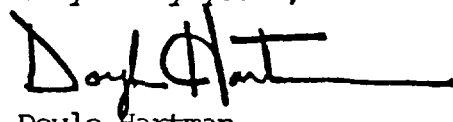
As to our proposed future plans concerning the E. E. Jack lease, we have previously given you the options of selling your interest, farming out, or joining in the drilling of our proposed new well. From your letter, it appears that you are not interested in taking any of these options that we have proposed.

In view of the conditions noted above, we will, in order to protect our correlative rights, be required to docket before the New Mexico Oil

Mrs. Marilyn A. Carlton  
May 8, 1985  
Page 2

Conservation Division a compulsory pooling hearing for the drilling of  
our proposed E. E. Jack No. 6.

Very truly yours,



Doyle Hartman

DH/dm

cc: Mr. Daniel S. Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501

Mr. William F. Carr  
Campbell and Black  
Post Office Box 2208  
Santa Fe, New Mexico 87501

Mr. William P. Aycock  
1207 West Wall  
Midland, Texas 79701

TARLTON PROPERTIES, INC.

POST OFFICE BOX 1212

126 THIRD STREET

LOS ALTOS, CALIFORNIA 94022

(415) 948-0298

CERTIFIED

April 26, 1985

Doyle Hartman  
500 N. Main  
P.O. Box 10426  
Midland, Texas 70702

Dear Mr. Hartman:

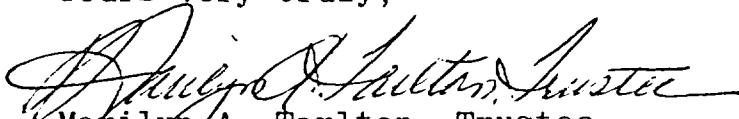
Thank you for sending us a copy of the original operating agreement. After reviewing same with local and New Mexico counsel, it is our opinion that the agreement is still operative and in full force and effect. Therefore, we wish to continue to operate under this agreement.

Under the terms of the operating agreement, the drilling of a new well would require agreement from at least one additional owner--which agreement we are not yet prepared to render. Similarly, it is our current thinking to oppose any forced pooling action which you might entertain before the New Mexico Oil Conservation Commission.

As to our willingness to sell, we are continuing to evaluate the fair market value along with the benefits to the Trust of continuing our ownership.

We will let you know just as soon as our deliberations are concluded--which should be in two to three weeks.

Yours very truly,

  
Marilyn A. Tarlton, Trustee  
The Lortscher Family Trust

ML/sa

cc: Mark Adams, Esquire  
Judge Robert Scott  
Arlene S. Anthony

MAY 7 1985

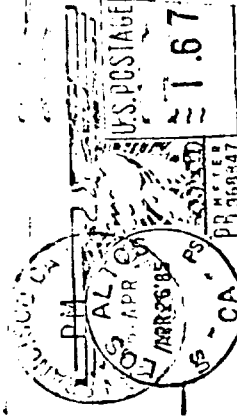
**TARLTON PROPERTIES, INC.**

128 THIRD STREET

POST OFFICE BOX 1212

LOS ALTOS, CALIFORNIA 94022

CERTIFIED



CLAIM CHECK  
NO.

**445571**

☐ HOLD

DATE

6

1ST NOTICE

2ND NOTICE

RETURN

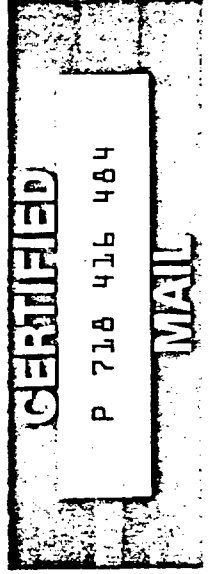
Detached from  
PS Form 3849-A  
Oct. 1980

Mr. Doyle Hartman

P.O. Box 10426

Midland, Texas 79702

**RETURN RECEIPT  
REQUESTED**



DOYLE HARTMAN

*Oil Operator*

800 N. MAIN

P.O. BOX 10428

MIDLAND, TEXAS 79702

(915) 684-4011

April 25, 1985

Ms. Arlene S. Anthony  
721 Chatham Road  
Olenville, Illinois 60025

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico

Dear Ms. Anthony:

Reference is made to our past correspondence and conversations concerning the captioned well.

This letter is to advise you that we are going to have to proceed with plans to drill. It is expected that there will be an industry-wide rush to drill at year-end because of the probability of unfavorable tax legislation; thus, we feel we must move forward now in spite of the fact that some owners have not yet reached a decision.

We would, of course, prefer to (1) buy your interest, (2) take a farmout, or (3) have you participate as outlined in our letter to you of April 2, 1985, but absent any of these elections, we have no alternative except to proceed under the compulsory pooling statutes of the State of New Mexico.

This is to notify you that your interest will have to be shown as non-committed when we make our filings with the New Mexico Oil Conservation Division. However, this will not affect your election to choose one of the above solutions.

We will keep you advised of our progress in this matter.

Very truly yours,

DOYLE HARTMAN



Ruth Sutton  
Landman

RS/dm

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

April 25, 1985

Mr. Robert C. Scott  
2826 East Oakland Park Blvd.  
Fort Lauderdale, Florida 33306

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico

Dear Mr. Scott:

Reference is made to our past correspondence and conversations concerning the captioned well.

This letter is to advise you that we are going to have to proceed with plans to drill. It is expected that there will be an industry-wide rush to drill at year-end because of the probability of unfavorable tax legislation; thus, we feel we must move forward now in spite of the fact that some owners have not yet reached a decision.

We would, of course, prefer to (1) buy your interest, (2) take a farmout, or (3) have you participate as outlined in our letter to you of April 2, 1985, but absent any of these elections, we have no alternative except to proceed under the compulsory pooling statutes of the State of New Mexico.

This is to notify you that your interest will have to be shown as non-committed when we make our filings with the New Mexico Oil Conservation Division. However, this will not affect your election to choose one of the above solutions.

We will keep you advised of our progress in this matter.

Very truly yours,

DOYLE HARTMAN



Ruth Sutton  
Landman

RS/dm

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

April 25, 1985

Mrs. Marilyn Tarleton  
14 Middlesbury Lane  
Los Altos, California 94022

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico

Dear Mrs. Tarleton:

Reference is made to our past correspondence and conversations concerning the captioned well.

This letter is to advise you that we are going to have to proceed with plans to drill. It is expected that there will be an industry-wide rush to drill at year-end because of the probability of unfavorable tax legislation; thus, we feel we must move forward now in spite of the fact that some owners have not yet reached a decision.


We would, of course, prefer to (1) buy your interest, (2) take a farmout, or (3) have you participate as outlined in our letter to you of April 2, 1985, but absent any of these elections, we have no alternative except to proceed under the compulsory pooling statutes of the State of New Mexico.

This is to notify you that your interest will have to be shown as non-committed when we make our filings with the New Mexico Oil Conservation Division. However, this will not affect your election to choose one of the above solutions.

We will keep you advised of our progress in this matter.

Very truly yours,

DOYLE HARTMAN



Ruth Sutton  
Landman

RS/dm



DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10428

MIDLAND, TEXAS 79702

(915) 684-4011

April 16, 1985

Mr. Robert C. Scott  
2826 East Oakland Park Blvd.  
Fort Lauderdale, Florida 33306

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico

Dear Mr. Scott:

Reference is made to our previous communications by phone and mail relative to the above tract.

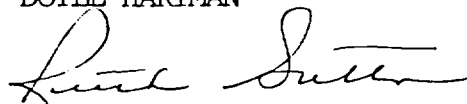
In a conversation with Ms. Arlene Anthony last evening, I learned that you had apparently not yet received your copies of the information mailed you under our cover letter of April 2, 1985. A review of our file revealed that our package was received at your office on April 8, 1985 by J. Cox. (A copy of the returned receipt is enclosed.)

We are aware that you may have this material in hand now, but since we are not able to verify that, and since time is of the essence in our development plans, we are sending this letter with copies of our April 2 mailing to you by Federal Express.

We are, of course, still anxious to talk with you and learn your decision as soon as possible.

Very truly yours,

DOYLE HARTMAN



Ruth Sutton  
Landman

RS/dm

Enclosure

EXPRESS

SEE BACK OF FORM FOR COMPLETE PREPARATION INSTRUCTIONS

See Service Guide for details

Date

From (Your Name) <b>Ruth Sutton</b>		To (Recipient's Name) <b>Mr. Robert C. Scott</b>	
Your Phone Number (Very Important) <b>915 684-4011</b>		Recipient's Phone Number (Very Important) <b>(305) 765-4150</b>	
Department/Floor No. <b>1</b>		Department/Floor No. <b>1</b>	
Company <b>ALL AMERICAN LIFE COMPANY</b>		Company <b>1</b>	
Exact Street Address (Use of P.O. Boxes or P.O. * Zip Codes Will Delay Delivery And Result in Extra Charge) <b>2826 East Oakland Park Blvd.</b>		Exact Street Address (Use of P.O. Boxes or P.O. * Zip Codes Will Delay Delivery And Result in Extra Charge) <b>2826 East Oakland Park Blvd.</b>	
City <b>Fort Lauderdale</b>		City <b>Fort Lauderdale</b>	
State <b>FL</b>		State <b>Florida</b>	
ZIP * Zip Code Required For Correct Invoicing <b>33306</b>		ZIP * Zip Code Required For Correct Invoicing <b>33306</b>	
BILL NO. <b>396759185</b>		ZIP * Zip Code Required For Correct Invoicing <b>33306</b>	

OUR BILLING REFERENCE INFORMATION (FIRST TWELVE CHARACTERS WILL APPEAR ON INVOICE)

**E. L. Jack No. 6 infill well - AFE Enclosed**

MENT ☐ Shipper ☐ B. Recipient's FedEx Acct. No. ☐ B. Third Party FedEx Acct. No. ☐ E. Credit Card  
Full in line below Full in line below Full in line below  
☐ Cash FedEx Acct. No. or Major Credit Card No.

SERVICES CHECK ONLY ONE BOX	DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED	PACKAGES	WEIGHT	YOUR DECLARED VALUE (See right)	OVER SIZE
<b>PRIORITY 1</b> Overnight Delivery Through Packaging 12" x 15"	1 <input type="checkbox"/> <b>HOLD FOR PICK-UP</b> Give the Federal Express address where you want package held or <b>Section H at right</b>				
<b>OVERNIGHT LETTER</b> (Our Packaging) 9" x 12"	2 <input checked="" type="checkbox"/> <b>DELIVER WEEKDAY</b>				
<b>OVERNIGHT DELIVERY USING OUR PACKAGING</b> Cover-Fit Overnight Envelope 12" x 15"	3 <input type="checkbox"/> <b>DELIVER SATURDAY</b> (Extra charge applies)	Total	Total	Total	
Overnight Box 12" x 17" x 3" <input type="checkbox"/> A	4 <input type="checkbox"/> <b>RESTRICTED ARTICLES SERVICE</b> (Rt) and Standard Air Packages only. (Extra charge applies)	Received At Shipper's Door <input type="checkbox"/> Regular Stop <input type="checkbox"/> On-Call Stop <input type="checkbox"/> FedEx Loc			
Overnight Tube 36" x 6" x 6" <input type="checkbox"/> B	5 <input type="checkbox"/> <b>SIGNATURE SECURITY SERVICE</b> (SSS) (Extra charge applies)	Federal Express Corp. Employee No.			
<b>STANDARD AIR</b> Delivery not later than second business day	6 <input type="checkbox"/> <b>DRY ICE</b> _____ Lbs.	Date/Time For Federal Express Use			
<b>SERVICE COMMITMENT</b> ATN 1: Delivery is scheduled for next business morning in locations. It may take two or more business days to or later or earlier, or if the destination is outside our primary service areas. ATN 2: Delivery is generally within business day, or not later than second business day. It may take three or more business days to or later or earlier, or if the destination is outside our primary service areas.	7 <input type="checkbox"/> <b>OTHER SPECIAL SERVICE</b> _____				
	8 <input type="checkbox"/>				
	9 <input type="checkbox"/> <b>SATURDAY PICK-UP OR SATURDAY DROP-OFF</b> (Extra charge applies)				

HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS ADDRESS:

Street Address (See Service Guide or Call 800-238-5355)

City State

ZIP \* Zip Code of Street Address Required

## YOUR DECLARED VALUE

## DAMAGE OR LOSS

We are liable for no more than \$100 per package in the event of this loss or damage, unless you have a higher Declared Value to the left and document higher actual loss in the event of a claim. We charge \$50 for each additional \$100 of declared value up to the maximum shown in our Service Guide. Declared value restrictions are shown in the back of the Shipper's Copy of this form. We make no express or implied warranties.

## DELAY

There is a risk of delay of delivery or non-delivery. In the event of a delay, Federal Express will, at your request, refund a transportation charge paid. See back of Shipper's Copy of this form for further information.

## CONSEQUENTIAL DAMAGES

We will not be responsible or liable for any loss or damage resulting from delay, non-delivery or damage to a package or contents not shown above. This includes loss of sales, income, interest, profits, attorney fees and other costs, but is not limited to these items. Such damages are called "consequential damages."

Federal Express Use

Base Charges

Declared Value Charge

Origin Agent Charge

Other

Total Charges

PART

#2041738901

FEC-S-751-1000

REVISION DATE

10-84 NCR

PRINTED U.S.A.

SHIPPER'S COPY

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

April 11, 1985

Mrs. Marilyn A. Tarlton, Trustee  
Surviving Trustors Trust of the  
Lortscher Family Trust dated 11-26-80  
14 Middlesbury Lane  
Los Altos, California 94022

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico  
(160 acres)

Dear Mrs. Tarlton:

Reference is made to our previous correspondence of February 20, 1985 and April 2, 1985, pertaining to the drilling of our proposed E. E. Jack No. 6 infill Jalmat gas well in the NW/4 Section 8, T-24-S, R-37-E, Lea County, New Mexico. Reference is also made to our telephone conversation of April 9, 1985 pertaining to the same.

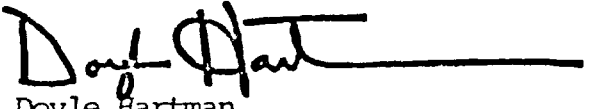
In our recent phone conversation with you and your husband, I hope we were able to answer all of the important questions that you might have regarding our proposal of April 2. As you requested, we are enclosing a copy of the original operating agreement between R. Olsen and Charles T. Scott, Harold S. Russell, Herbert J. Schmitz and F. D. Lortscher dated January 16, 1951 (as amended December 15, 1954) which covers the NW/4 Section 8, T-24-S, R-37-E, Lea County, New Mexico. A review of the enclosed operating agreement will reveal that it is a quite old and outdated operating agreement in comparison with today's AAPL 1982 Standard Form Operating Agreement, which today is the oil and gas industry's standard operating agreement. A further review of Paragraph 14 of the 1951 agreement will show that the agreement has expired under its own terms and in view of this fact, we enclosed a new operating agreement for your consideration in our letter to you of April 2, 1985.

Also, as stated in our phone conversation, we paid Mrs. Gloria Bundy \$51,200.00 for all of her oil and other rights down to 3,700' as to her 20% interest in the NW/4 Section 8. Therefore, we are also agreeable to paying you \$64,000.00 for your 25% interest in the NW/4 Section 8 [ie (25%/20%) x \$51,200.00= \$64,000.00]. This offer is subject only to title approval which we believe is no problem.

Mrs. Marilyn J. Farlton, Trustee  
April 11, 1985  
Page 2

Please do not hesitate to contact us if we may be of further assistance in this matter.

Very truly yours,

  
Doyle Hartman

DH/mh

cc: Mr. William F. Carr  
Campbell and Black, P. A.  
Post Office Box 2208  
Santa Fe, New Mexico 87501

Mr. William P. Aycock  
1207 West Wall  
Midland, Texas 79701

Mr. Daniel Nutter  
105 E. Alicante  
Santa Fe, New Mexico 87501

OPERATING AGREEMENT

between

TEXAS PACIFIC COAL AND OIL COMPANY

and

CHARLES T. SCOTT  
HAROLD S. RUSSELL  
HERBERT J. SCHMITZ  
F. D. LORTSCHER

\* \* \* \* \*

Tract 24 - Jack Lease

of

Exhibit "A" of Paramount Conveyance  
dated January 20, 1951, from Olsen  
Oils, Inc., Jal Oil Company and  
R. Olsen to -TP-.

\* \* \* \* \*

Lin. County, New Mexico

Executed January 16, 1951

ILLEGIBLE

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

April 2, 1985

CERTIFIED

Mr. Robert C. Scott  
2826 East Oakland Park Blvd.  
Ft. Lauderdale, Florida 33306

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico  
(160-acres)

Dear Mr. Scott:

Subsequent to our correspondence with you dated February 20, 1985 concerning the purchase of your interest as to the Jalmat (Gas) rights in the above noted lease, we have completed further geological and engineering work on the 160-acre E. E. Jack lease and have concluded that an infill well needs to be drilled on this tract in order to recover any possible additional reserves before the declining Jalmat reservoir pressures reach the point where it will become impossible to obtain a new commercial completion because of low reservoir pressures.

Your Jalmat interest in the E. E. Jack lease can be included in the drilling of our proposed new E. E. Jack No. 6 infill well in one of the following ways:

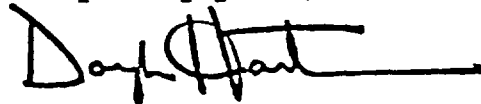
1. We again offer to purchase your 8.333% working interest down to the stratigraphic equivalent of the depth of 3,168 feet as found in the type log for the Myers Langlie Mattix Unit waterflood (Texas Pacific Oil Company Blinbry "B" No. 3 located C-34-23S-37E) under those same terms as stated in our letter to you of February 20, 1985. Our offer to you of \$16,000 is equal to the product of your recent historical average monthly income calculated for a 34-month period times 62 months. We believe this amount to be a very generous offer and it is considerably higher than normal industry practice. A check with an evaluations expert familiar with the evaluation of oil and gas properties will reveal that more typical offers for similar oil properties range between 30 and 40 months. When the age of the E. E. Jack lease is factored into the decision

making process (lease dated December 28, 1937), our offer of 62 months appears to be even more generous.

2. As a second alternative, you may elect to farmout to us your interest (Jalmat rights only) covering the proposed new Jalmat infill well while you retain a 30% gross overriding royalty interest. Under a farmout arrangement, the farmouttee pays all costs of drilling and completing any new wells, and the farmoutor retains a proportionately reduced overriding royalty as an income interest. Your retained overriding royalty interest shall absorb all present burdens thereby delivering to us a 70% effective net revenue interest. We would like to point out that this proposal would provide you with a net overriding royalty equal to 12.5% (gross override of 30% less current burdens of 17.5%), and this is the same royalty that is being received by the Federal government as mineral owner and original lessor under the E. E. Jack lease. All interests and overrides are naturally subject to proportionate reduction thereby yeilding to you a final income interest of 1.0417% for any new wells drilled ( $8.333\% \text{ W.I.} \times 12.5\% \text{ ORRI}$ ).
3. As a third option, you may join as a paying interest owner in the drilling of our proposed new Jalmat well with your 8.333% working interest. Pertaining to this option, we are enclosing two copies of an AFE and Operating Agreement. If you elect to participate in the drilling of the proposed new well, please execute and return one copy of both the AFE and Operating Agreement together with your check for your proportionate share of the projected cost of drilling the proposed infill well (\$31,500). As provided for in the enclosed Operating Agreement, all monies collected will be placed in an interest bearing escrow account until such monies are paid out to cover actual drilling and completion expenses.

In closing, we respectfully request your decision by April 15, 1985 as to how you plan to participate in the drilling of our proposed E. E. Jack No. 6 well since there still remains a tremendous amount of work to be carried out before a new well can actually be spudded. Please do not hesitate to call us if we can be of any additional assistance.

Very truly yours,



Doyle Hartman

DH/dm

Enclosure

DOYLE HARTMAN  
OIL OPERATOR  
500 N. MAIN STREET  
MIDLAND, TEXAS

Revised 5-15-82

AUTHORIZATION FOR EXPENDITURE AND DETAIL WELL ESTIMATE

LEASE NAME Jack, E. E. WELL NO. 6 W.I. 100% of well cost

COUNTY Lea STATE New Mexico FIELD Jalmat (Gas)

LOCATION: NW/4 Section 8, T-24-S, R-37-E (160-acre Jalmat Proration Unit)

DRILLING INTANGIBLES:

		PRODUCER	DRY HOLE
1. Drilling Cost	<u>3,450</u> Feet @ <u>12.75</u> Per Foot	<u>44,000</u>	<u>44,000</u>
2. Day Work	<u>1 day at 3750</u>		
		<u>3,750</u>	<u>3,750</u>
3. Coring Service	<u>Well Surveys</u>	<u>8,400</u>	<u>8,400</u>
4. Bits and Reamers		<u>- - -</u>	<u>- - -</u>
5. Testing		<u>- - -</u>	<u>- - -</u>
6. Directional Drilling		<u>- - -</u>	<u>- - -</u>
7. Fuel	<u>Water</u>	<u>6,500</u>	<u>6,500</u>
8. Mud	<u>Mud Logging</u>	<u>8,100</u>	<u>8,100</u>
9. Cementing Service	<u>Cement</u> <u>Floats</u>	<u>15,600</u>	<u>5,000</u>
10. Company Labor	<u>Contract Labor</u>	<u>9,500</u>	<u>3,600</u>
11. Surface Damages and Right-of-Way		<u>2,800</u>	<u>2,800</u>
12. Digging Pits	<u>Filling Pits</u>	<u>1,200</u>	<u>1,200</u>
13. Pit Lining		<u>1,450</u>	<u>1,450</u>
14. Roads & Bridges	<u>Dredging &amp; Grading</u>	<u>8,000</u>	<u>8,000</u>
15. Acidizing	<u>10,000</u> <u>Fracturing</u> <u>86,000</u> <u>Perforating</u> <u>4,000</u>	<u>100,000</u>	<u>- - -</u>
16. Plugging		<u>- - -</u>	<u>2,800</u>
17. Trucking Cost		<u>2,900</u>	<u>1,500</u>
18. Development Superintendence	<u>14</u> days @ \$ <u>500</u> /day	<u>7,000</u>	<u>3,500</u>
19. Rental Equipment		<u>4,500</u>	<u>500</u>
20. Swabbing and Testing		<u>10,500</u>	<u>- - -</u>
21. Legal and Professional Expenses:			
Product Price Determination		<u>2,400</u>	<u>2,400</u>
Regulatory Hearings	<u>Other</u>	<u>3,600</u>	<u>3,600</u>
22. Abstracts and Title Opinions		<u>4,300</u>	<u>4,300</u>
23. Geological, Geophysical and Land Support			
24. Other Costs			
25. Contingency @ <u>15</u> %		<u>38,500</u>	<u>10,600</u>
	Total Intangibles	<u>283,000</u>	<u>122,000</u>

WELL EQUIPMENT:

26. Casing	<u>400</u> Ft. of <u>9 5/8</u> @ <u>8.50</u> Per Ft.		
	<u>3450</u> Ft. of <u>7</u> @ <u>6.20</u> Per Ft.		
	<u>        </u> Ft. of <u>        </u> @ <u>        </u> Per Ft.	<u>24,800</u>	<u>3,400</u>
27. Tubing	<u>3450</u> Ft. of <u>2 3/8</u> @ <u>2.55</u> Per Ft.	<u>8,800</u>	<u>- - -</u>
28. Casing Head		<u>1,300</u>	<u>1,300</u>
29. Xmas Tree or Pumping Connections		<u>4,600</u>	<u>- - -</u>
30. Pumping Unit		<u>19,500</u>	<u>- - -</u>
31. Engine/Motor Controller and Power System		<u>4,500</u>	<u>- - -</u>
32. Sucker Rods		<u>6,100</u>	<u>- - -</u>
33. Pump		<u>2,000</u>	<u>- - -</u>
34. Tank Battery		<u>2,600</u>	<u>- - -</u>
35. Separator or Dehydration Equip.		<u>2,400</u>	<u>- - -</u>
36. Metering Equipment		<u>- - -</u>	<u>- - -</u>
37. Flow Lines		<u>1,900</u>	<u>- - -</u>
38. Guards and Fences		<u>2,300</u>	<u>2,300</u>
39. Other Costs			
40. Contingency @ <u>15</u> %		<u>14,200</u>	<u>1,000</u>
	Total Tangibles	<u>95,000</u>	<u>8,000</u>

TOTAL COST OF WELL

378,000 130,000

Robert C. Scott Share at 8.333 % 31,500 10,833

REMARKS: The above estimate of \$378,000 is based on historical costs (plus  
a 15% contingency for unanticipated but very possible additional  
costs) for the drilling and completing of similar type wells in  
this area of the Jalmat Pool.

Originated by Larry A. Newman Title Engineer Date March 26, 1985

Title \_\_\_\_\_ Date \_\_\_\_\_



P 639 372 022

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1983-403-517 PS Form 3800, Feb. 1982	Sent to	Robert C. Scott
	Street and No.	2826 E Oakland Park Blvd
	P.O., State and ZIP Code	Ft. Lauderdale, FL 33306
	Postage	\$2.40
	Certified Fee	.75
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to whom and Date Delivered	60
	Return receipt showing to whom, Date, and Address of Delivery	
	TOTAL Postage and Fees	\$3.15
Postmark or Date 4-2-85		
E. E. Jail #6 - DH		

PS Form 3811, Dec. 1980 RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL	● SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.	
	(CONSULT POSTMASTER FOR FEES)	
	1. The following service is requested (check one). <input checked="" type="checkbox"/> Show to whom and date delivered ..... 60¢ <input type="checkbox"/> Show to whom, date, and address of delivery .. —¢	
	2. <input type="checkbox"/> RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.) —¢	
	TOTAL \$60	
	3. ARTICLE ADDRESSED TO: Robert C. Scott 2826 East Oakland Park Blvd. Ft. Lauderdale, Florida 33306	
	4. TYPE OF SERVICE: <input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED <input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD <input type="checkbox"/> EXPRESS MAIL	ARTICLE NUMBER P639372022
	(Always obtain signature of addressee or agent) I have received the article described above. SIGNATURE <input type="checkbox"/> Addressee <input type="checkbox"/> Authorized agent [Signature]	
	5. RATE OF DELIVERY	POSTMARK [Circular Postmark]
	6. ADDRESSEE'S ADDRESS (Only if requested)	
7. UNABLE TO DELIVER BECAUSE:	7a. EMPLOYEE'S INITIALS	

E. E. Jail #6 Forward - DH

4-2-85

P 639 372 022

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	Robert C. Scott
Street and No.	2826 East Oakland Park Blvd
P.O. State and ZIP Code	Ft. Lauderdale, FL 33306
Postage	\$2.40
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$3.15

Postmark or Date

4-2-85

E.E. Teal #6 - 1A

CERTIFIED

P 639 372 022

MAIL

\* U.S.G.P.O. 1993-403-517

PS Form 3800, Feb. 1982



PS Form 3811, Dec. 1980

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

① SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.	
(CONSULT POSTMASTER FOR FEES)	
1. The following service is requested (check one). <input checked="" type="checkbox"/> Show to whom and date delivered <u>60</u> <input type="checkbox"/> Show to whom, date, and address of delivery <u>—</u> 2. <input type="checkbox"/> RESTRICTED DELIVERY (The restricted delivery fee is charged in addition to the return receipt fee.) <u>—</u>	
3. ARTICLE ADDRESSED TO: <u>Robert C. Scott</u> <u>2826 East Oakland Park Blvd.</u> <u>Ft. Lauderdale, Florida 33306</u>	
4. TYPE OF SERVICE: <input type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> EXPRESS MAIL	ARTICLE NUMBER <u>PL639372022</u>
(Always obtain signature of addressee or agent) I have received the article described above. SIGNATURE <input type="checkbox"/> Addressee <input type="checkbox"/> Authorized agent	
5. DATE OF DELIVERY	POSTMARK
6. ADDRESSEE'S ADDRESS (Only if requested)	
7. UNABLE TO DELIVER BECAUSE	7a. EMPLOYEE'S INITIALS

E.E. Teal #6 Fernand - DFL 4-2-85

DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

April 2, 1985

CERTIFIED

Ms. Marilyn A. Tarlton, Trustee  
Surviving Trustors Trust of the  
Lortscher Family Trust dated 11-26-80  
14 Middlesbury Lane  
Los Altos, California 94022

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico  
(160-acres)

Dear Ms. Tarlton:

Subsequent to our correspondence with you dated February 20, 1985 concerning the purchase of your interest as to the Jalmat (Gas) rights in the above noted lease, we have completed further geological and engineering work on the 160-acre E. E. Jack lease and have concluded that an infill well needs to be drilled on this tract in order to recover any possible additional reserves before the declining Jalmat reservoir pressures reach the point where it will become impossible to obtain a new commercial completion because of low reservoir pressures.

Your Jalmat interest in the E. E. Jack lease can be included in the drilling of our proposed new E. E. Jack No. 6 infill well in one of the following ways:

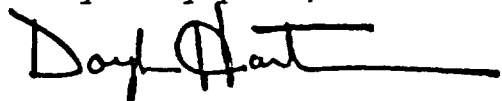
1. We again offer to purchase your 25% working interest down to the stratigraphic equivalent of the depth of 3,168 feet as found in the type log for the Myers Langlie Mattix Unit waterflood (Texas Pacific Oil Company Blinbry "B" No. 3 located C-34-23S-37E) under those same terms as stated in our letter to you of February 20, 1985. Our offer to you of \$48,000 is equal to the product of your recent historical average monthly income calculated for a 34-month period times 62 months. We believe this amount to be a very generous offer and it is considerably higher than normal industry practice. A check with an evaluations expert familiar with the evaluation of oil and gas properties will reveal that more typical offers for similar oil properties range between 30 and 40 months. When the age of the E. E. Jack lease is factored into the decision

making process (lease dated December 28, 1937), our offer of 62 months appears to be even more generous.

2. As a second alternative, you may elect to farmout to us your interest (Jalmat rights only) covering the proposed new Jalmat infill well while you retain a 30% gross overriding royalty interest. Under a farmout arrangement, the farmouttee pays all costs of drilling and completing any new wells, and the farmoutor retains a proportionately reduced overriding royalty as an income interest. Your retained overriding royalty interest shall absorb all present burdens thereby delivering to us a 70% effective net revenue interest. We would like to point out that this proposal would provide you with a net overriding royalty equal to 12.5% (gross override of 30% less current burdens of 17.5%), and this is the same royalty that is being received by the Federal government as mineral owner and original lessor under the E. E. Jack lease. All interests and overrides are naturally subject to proportionate reduction thereby yielding to you a final income interest of 3.125% for any new wells drilled (25% W.I. x 12.5% ORRI).
3. As a third option, you may join as a paying interest owner in the drilling of our proposed new Jalmat well with your 25% working interest. Pertaining to this option, we are enclosing two copies of an AFE and Operating Agreement. If you elect to participate in the drilling of the proposed new well, please execute and return one copy of both the AFE and Operating Agreement together with your check for your proportionate share of the projected cost of drilling the proposed infill well (\$94,500). As provided for in the enclosed Operating Agreement, all monies collected will be placed in an interest bearing escrow account until such monies are paid out to cover actual drilling and completion expenses.

In closing, we respectfully request your decision by April 15, 1985 as to how you plan to participate in the drilling of our proposed E. E. Jack No. 6 well since there still remains a tremendous amount of work to be carried out before a new well can actually be spudded. Please do not hesitate to call us if we can be of any additional assistance.

Very truly yours,



Doyle Hartman

DOYLE HARTMAN  
OIL OPERATOR  
500 N. MAIN STREET  
MIDLAND, TEXAS

NEW-SPU 2-12-84

AUTHORIZATION FOR EXPENDITURE AND DETAIL WELL ESTIMATE

LEASE NAME Jack, E. E. WELL NO. 6 W.I. 100% of well cost

COUNTY Lea STATE New Mexico FIELD Jalmat (Gas)

LOCATION: NW/4 Section 8, T-24-S, R-37-E (160-acre Jalmat Proration Unit)

DRILLING INTANGIBLES:

		PRODUCER	DRY HOLE
1. Drilling Cost	<u>3,450</u> Feet @ <u>12.75</u> Per Foot	<u>44,000</u>	<u>44,000</u>
2. Day Work	<u>1 day at 3750</u>		
		<u>3,750</u>	<u>3,750</u>
3. Coring Service	<u>Well Surveys</u>	<u>8,400</u>	<u>8,400</u>
4. Bits and Reamers		<u>- - -</u>	<u>- - -</u>
5. Testing		<u>- - -</u>	<u>- - -</u>
6. Directional Drilling		<u>- - -</u>	<u>- - -</u>
7. Fuel	<u>Water</u>	<u>6,500</u>	<u>6,500</u>
8. Mud	<u>Mud Logging</u>	<u>8,100</u>	<u>8,100</u>
9. Cementing Service	<u>Cement</u> <u>Floats</u>	<u>15,600</u>	<u>5,000</u>
10. Company Labor	<u>Contract Labor</u>	<u>9,500</u>	<u>3,600</u>
11. Surface Damages and Right-of-Way		<u>2,800</u>	<u>2,800</u>
12. Digging Pits	<u>Filling Pits</u>	<u>1,200</u>	<u>1,200</u>
13. Pit Lining		<u>1,450</u>	<u>1,450</u>
14. Roads & Bridges	<u>Dredging &amp; Grading</u>	<u>8,000</u>	<u>8,000</u>
15. Acidizing <u>10,000</u> Fracturing <u>86,000</u> Perforating <u>4,000</u>		<u>100,000</u>	<u>- - -</u>
16. Plugging		<u>- - -</u>	<u>2,800</u>
17. Trucking Cost		<u>2,900</u>	<u>1,500</u>
18. Development Superintendence <u>14</u> days @ \$ <u>500</u> /day		<u>7,000</u>	<u>3,500</u>
19. Rental Equipment		<u>4,500</u>	<u>500</u>
20. Swabbing and Testing		<u>10,500</u>	<u>- - -</u>
21. Legal and Professional Expenses:			
Product Price Determination		<u>2,400</u>	<u>2,400</u>
Regulatory Hearings	<u>Other</u>	<u>3,600</u>	<u>3,600</u>
22. Abstracts and Title Opinions		<u>4,300</u>	<u>4,300</u>
23. Geological, Geophysical and Land Support			
24. Other Costs			
25. Contingency @ <u>15</u> %		<u>38,500</u>	<u>10,600</u>
	Total Intangibles	<u>283,000</u>	<u>122,000</u>

WELL EQUIPMENT:

26. Casing	<u>400</u> Ft. of <u>9 5/8</u> @ <u>8.50</u> Per Ft.		
	<u>3450</u> Ft. of <u>7</u> @ <u>6.20</u> Per Ft.		
	<u>        </u> Ft. of <u>        </u> @ <u>        </u> Per Ft.	<u>24,800</u>	<u>3,400</u>
27. Tubing	<u>3450</u> Ft. of <u>2 3/8</u> @ <u>2.55</u> Per Ft.	<u>8,800</u>	<u>- - -</u>
28. Casing Head		<u>1,300</u>	<u>1,300</u>
29. Xmas Tree or Pumping Connections		<u>4,600</u>	<u>- - -</u>
30. Pumping Unit		<u>19,500</u>	<u>- - -</u>
31. Engine/Motor Controller and Power System		<u>4,500</u>	<u>- - -</u>
32. Sucker Rods		<u>6,100</u>	<u>- - -</u>
33. Pump		<u>2,000</u>	<u>- - -</u>
34. Tank Battery		<u>2,600</u>	<u>- - -</u>
35. Separator or Dehydration Equip.		<u>2,400</u>	<u>- - -</u>
36. Metering Equipment		<u>- - -</u>	<u>- - -</u>
37. Flow Lines		<u>1,900</u>	<u>- - -</u>
38. Guards and Fences		<u>2,300</u>	<u>2,300</u>
39. Other Costs			
40. Contingency @ <u>15</u> %		<u>14,200</u>	<u>1,000</u>
	Total Tangibles	<u>95,000</u>	<u>8,000</u>
	TOTAL COST OF WELL	<u>378,000</u>	<u>130,000</u>
	<u>Marilyn A. Tarlton, Trustee Share at 25 %</u>	<u>94,500</u>	<u>32,500</u>

REMARKS: The above estimate of \$378,000 is based on historical costs (plus  
a 15% contingency for unanticipated but very possible additional  
costs) for the drilling and completing of similar type wells in  
this area of the Jalmat Pool.

Originated by Larry A. Newmyer Title Engineer Date March 26, 1985



P 639 372 024

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982  
★ U.S.G.P.O. 1983-403-517

Sender's Name	Marilyn A. Jarlton
Street and No.	14 Middlesbury Lane
P.O. State and ZIP Code	Los Altos, CA 94022
Postage	\$ 2.40
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 3.75
Postmark or Date	4-2-85
E.E. Jack #6 Farmout - DM	

PS Form 3811, Dec. 1980

● SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).  
☒ Show to whom and date delivered ..... \$ .60  
☐ Show to whom, date, and address of delivery .. \$

2. ☐ RESTRICTED DELIVERY  
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ 6.00

3. ARTICLE ADDRESSED TO:  
Marilyn A. Jarlton, Trustee  
14 Middlesbury Lane  
Los Altos CA 94022

4. TYPE OF SERVICE: ☐ REGISTERED ☐ INSURED ☒ CERTIFIED ☐ COD ☐ EXPRESS MAIL

ARTICLE NUMBER  
P639372024

(Always obtain signature of addressee or agent)

I have received the article described above.  
SIGNATURE ☐ Addressee ☐ Authorized agent

5. DATE OF DELIVERY  
4-6-85

POSTMARK

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:

7a. EMPLOYEE'S INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

E.E. Jack #6 Farmout - DM 4-3-85

P 639 372 024

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Postage		3.40
Certified Fee		.75
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to whom, Date, and Address of Delivery		60
Postage and Fees		3.75

Postmark or Date

4-2-85

CERTIFIED

P 639 372 024

MAIL

DOYLE HARTMAN  
P. O. BOX 10426  
MIDLAND, TEXAS 79702

TO:

Ms. Marilyn A. Tarlton, Trustee  
Surviving Trustors Trust of the  
Lortscher Family Trust dated 11-26-80  
14 Middlesbury Lane  
Los Altos, California 94022

SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space  
on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).

☒ Show to whom and date delivered. .... 60¢

☐ Show to whom, date, and address of delivery. .... 6¢

2. ☐ RESTRICTED DELIVERY  
(The restricted delivery fee is charged in addition to the return receipt fee.)

3. ARTICLE ADDRESSED TO: Marilyn A. Tarlton, Trustee  
14 Middlesbury Lane  
Los Altos, CA 94022

TOTAL \$1.00

4. TYPE OF SERVICE: ☐ REGISTERED ☐ INSURED ☐ CERTIFIED ☐ COD ☐ EXPRESS MAIL

ARTICLE NUMBER: 639372024

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE ☐ Addressee ☐ Authorized agent

5. DATE OF DELIVERY

POSTMARK

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:

7a. EMPLOYEE'S INITIALS

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL



U.S. POSTAGE  
\$3.75



DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10428

MIDLAND, TEXAS 79702

(915) 684-4011

April 2, 1985

CERTIFIED

Ms. Arlene S. Anthony  
721 Chatham Road  
Olenville, Illinois 60025

Re: E. E. Jack No. 6  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico  
(160-acres)

Dear Ms. Anthony:

Subsequent to our correspondence with you dated February 20, 1985 concerning the purchase of your interest as to the Jalmat (Gas) rights in the above noted lease, we have completed further geological and engineering work on the 160-acre E. E. Jack lease and have concluded that an infill well needs to be drilled on this tract in order to recover any possible additional reserves before the declining Jalmat reservoir pressures reach the point where it will become impossible to obtain a new commercial completion because of low reservoir pressures.

Your Jalmat interest in the E. E. Jack lease can be included in the drilling of our proposed new E. E. Jack No. 6 infill well in one of the following ways:

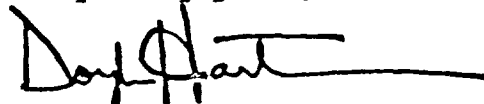
1. We again offer to purchase your 8.333% working interest down to the stratigraphic equivalent of the depth of 3,168 feet as found in the type log for the Myers Langlie Mattix Unit waterflood (Texas Pacific Oil Company Blinbry "B" No. 3 located C-34-23S-37E) under those same terms as stated in our letter to you of February 20, 1985. Our offer to you of \$16,000 is equal to the product of your recent historical average monthly income calculated for a 34-month period times 62 months. We believe this amount to be a very generous offer and it is considerably higher than normal industry practice. A check with an evaluations expert familiar with the evaluation of oil and gas properties will reveal that more typical offers for similar oil properties range between 30 and 40 months. When the age of the E. E. Jack lease is factored into the decision

making process (lease dated December 28, 1937), our offer of 62 months appears to be even more generous.

2. As a second alternative, you may elect to farmout to us your interest (Jalmat rights only) covering the proposed new Jalmat infill well while you retain a 30% gross overriding royalty interest. Under a farmout arrangement, the farmouttee pays all costs of drilling and completing any new wells, and the farmoutor retains a proportionately reduced overriding royalty as an income interest. Your retained overriding royalty interest shall absorb all present burdens thereby delivering to us a 70% effective net revenue interest. We would like to point out that this proposal would provide you with a net overriding royalty equal to 12.5% (gross override of 30% less current burdens of 17.5%), and this is the same royalty that is being received by the Federal government as mineral owner and original lessor under the E. E. Jack lease. All interests and overrides are naturally subject to proportionate reduction thereby yeilding to you a final income interest of 1.0417% for any new wells drilled (8.333% W.I. x 12.5% ORRI).
3. As a third option, you may join as a paying interest owner in the drilling of our proposed new Jalmat well with your 8.333% working interest. Pertaining to this option, we are enclosing two copies of an AFE and Operating Agreement. If you elect to participate in the drilling of the proposed new well, please execute and return one copy of both the AFE and Operating Agreement together with your check for your proportionate share of the projected cost of drilling the proposed infill well (\$31,500). As provided for in the enclosed Operating Agreement, all monies collected will be placed in an interest bearing escrow account until such monies are paid out to cover actual drilling and completion expenses.

In closing, we respectfully request your decision by April 15, 1985 as to how you plan to participate in the drilling of our proposed E. E. Jack No. 6 well since there still remains a tremendous amount of work to be carried out before a new well can actually be spudded. Please do not hesitate to call us if we can be of any additional assistance.

Very truly yours,

  
Doyle Hartman

DOYLE HARTMAN  
OIL OPERATOR  
500 N. MAIN STREET  
MIDLAND, TEXAS

AUTHORIZATION FOR EXPENDITURE AND DETAIL WELL ESTIMATE

LEASE NAME Jack, E. E. WELL NO. 6 W.I. 100% of well cost

COUNTY Lea STATE New Mexico FIELD Jalmat (Gas)

LOCATION: NW/4 Section 8, T-24-S, R-37-E (160-acre Jalmat Proration Unit)

DRILLING INTANGIBLES:

	PRODUCER	DRY HOLE
1. Drilling Cost <u>3,450</u> Feet @ <u>12.75</u> Per Foot	<u>44,000</u>	<u>44,000</u>
2. Day Work <u>1 day at 3750</u>		
	<u>3,750</u>	<u>3,750</u>
3. Coring Service _____ Well Surveys _____	<u>8,400</u>	<u>8,400</u>
4. Bits and Reamers _____	<u>- - -</u>	<u>- - -</u>
5. Testing _____	<u>- - -</u>	<u>- - -</u>
6. Directional Drilling _____	<u>- - -</u>	<u>- - -</u>
7. Fuel _____ Water _____	<u>6,500</u>	<u>6,500</u>
8. Mud _____ Mud Logging _____	<u>8,100</u>	<u>8,100</u>
9. Cementing Service _____ Cement _____ Floats _____	<u>15,600</u>	<u>5,000</u>
10. Company Labor _____ Contract Labor _____	<u>9,500</u>	<u>3,600</u>
11. Surface Damages and Right-of-Way _____	<u>2,800</u>	<u>2,800</u>
12. Digging Pits _____ Filling Pits _____	<u>1,200</u>	<u>1,200</u>
13. Pit Lining _____	<u>1,450</u>	<u>1,450</u>
14. Roads & Bridges _____ Dredging & Grading _____	<u>8,000</u>	<u>8,000</u>
15. Acidizing <u>10,000</u> Fracturing <u>86,000</u> Perforating <u>4,000</u>	<u>100,000</u>	<u>- - -</u>
16. Plugging _____	<u>- - -</u>	<u>2,800</u>
17. Trucking Cost _____	<u>2,900</u>	<u>1,500</u>
18. Development Superintendence <u>14</u> days @ \$ <u>500</u> /day	<u>7,000</u>	<u>3,500</u>
19. Rental Equipment _____	<u>4,500</u>	<u>500</u>
20. Swabbing and Testing _____	<u>10,500</u>	<u>- - -</u>
21. Legal and Professional Expenses:		
Product Price Determination _____	<u>2,400</u>	<u>2,400</u>
Regulatory Hearings _____ Other _____	<u>3,600</u>	<u>3,600</u>
22. Abstracts and Title Opinions _____	<u>4,300</u>	<u>4,300</u>
23. Geological, Geophysical and Land Support _____		
24. Other Costs _____		
25. Contingency @ <u>15</u> % _____	<u>38,500</u>	<u>10,600</u>
Total Intangibles	<u>283,000</u>	<u>122,000</u>

WELL EQUIPMENT:

26. Casing <u>400</u> Ft. of <u>9 5/8</u> @ <u>8.50</u> Per Ft.		
<u>3450</u> Ft. of <u>7</u> @ <u>6.20</u> Per Ft.		
_____ Ft. of _____ @ _____ Per Ft.	<u>24,800</u>	<u>3,400</u>
27. Tubing <u>3450</u> Ft. of <u>2 3/8</u> @ <u>2.55</u> Per Ft.	<u>8,800</u>	<u>- - -</u>
28. Casing Head _____	<u>1,300</u>	<u>1,300</u>
29. Xmas Tree or Pumping Connections _____	<u>4,600</u>	<u>- - -</u>
30. Pumping Unit _____	<u>19,500</u>	<u>- - -</u>
31. Engine/Motor Controller and Power System _____	<u>4,500</u>	<u>- - -</u>
32. Sucker Rods _____	<u>6,100</u>	<u>- - -</u>
33. Pump _____	<u>2,000</u>	<u>- - -</u>
34. Tank Battery _____	<u>2,600</u>	<u>- - -</u>
35. Separator or Dehydration Equip. _____	<u>2,400</u>	<u>- - -</u>
36. Metering Equipment _____	<u>- - -</u>	<u>- - -</u>
37. Flow Lines _____	<u>1,900</u>	<u>- - -</u>
38. Guards and Fences _____	<u>2,300</u>	<u>2,300</u>
39. Other Costs _____		
40. Contingency @ <u>15</u> % _____	<u>14,200</u>	<u>1,000</u>
Total Tangibles	<u>95,000</u>	<u>8,000</u>
TOTAL COST OF WELL	<u>378,000</u>	<u>130,000</u>
Arlene S. Anthony Share at <u>8.333</u> %	<u>31,500</u>	<u>10,833</u>

REMARKS: The above estimate of \$378,000 is based on historical costs (plus  
a 15% contingency for unanticipated but very possible additional  
costs) for the drilling and completing of similar type wells in  
this area of the Jalmat Pool.

Originated by Larry A. Nunn Title Engineer Date March 26, 1985

Title \_\_\_\_\_ Date \_\_\_\_\_

P 639 372 023

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982  
\* U.S.G.P.O. 1983-403-517

Sent to	Mr. Arlene S. Anthony
Street and No.	721 Chatham Road
P.O. State and ZIP Code	Olexville, Illinois 60025
Postage	\$ 2.40
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 3.75
Postmark or Date	4-2-85

E.E. Jack #4 Farmout - DN

PS Form 3811, Dec. 1980

● SENDER: Complete items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one). 60

☒ Show to whom and date delivered .....

☐ Show to whom, date, and address of delivery..

2. ☐ RESTRICTED DELIVERY  
(The restricted delivery fee is charged in addition to the return receipt fee.) 60

TOTAL \$ 60

3. ARTICLE ADDRESSED TO:  
Arlene S. Anthony  
721 Chatham Road  
Olexville, Illinois 60025

4. TYPE OF SERVICE: ARTICLE NUMBER

☐ REGISTERED ☐ INSURED P639372023

☒ CERTIFIED ☐ COD

☐ EXPRESS MAIL

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE ☐ Addressee ☐ Authorized agent

*Arlene S. Anthony*

5. DATE OF DELIVERY POSTMARK

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE: 7A. EMPLOYEE'S INITIALS

E.E. Jack #4 Farmout - DN 4-2-85

TEXAS  
AFR-2'85

3.75

P 639 372 023

RECEIPT FOR CERTIFIED MAIL  
NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Send to	Ms. Arlene S. Anthony
Street and No.	721 Chatham Road
City, State and ZIP Code	Olenville, Illinois 60025
Postage	\$ 2.40
Carried Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	.60
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 3.75

Postmark or Date  
4-2-85

CERTIFIED

P 639 372 023

MAIL

\* U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

DOYLE HARTMAN  
P. O. BOX 10426  
MIDLAND, TEXAS 79702

TO:  
Ms. Arlene S. Anthony  
721 Chatham Road  
Olenville, Illinois 60025

● SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one). 60¢
- ☒ Show to whom and date delivered
- ☐ Show to whom, date, and address of delivery
- ☐ RESTRICTED DELIVERY
2. (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ 60

3. ARTICLE ADDRESSED TO:  
Ms. Arlene S. Anthony  
721 Chatham Road  
Olenville, Illinois 60025

4. TYPE OF SERVICE:  
☐ REGISTERED ☐ INSURED  
☒ CERTIFIED ☐ COD  
☐ EXPRESS MAIL

ARTICLE NUMBER  
7639372023

(Always obtain signature of addressee or agent)

I have received the article described above. ☐ Authorized agent

SIGNATURE ☐ Addressee

5. DATE OF DELIVERY

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:

8. EMPLOYEE'S INITIALS

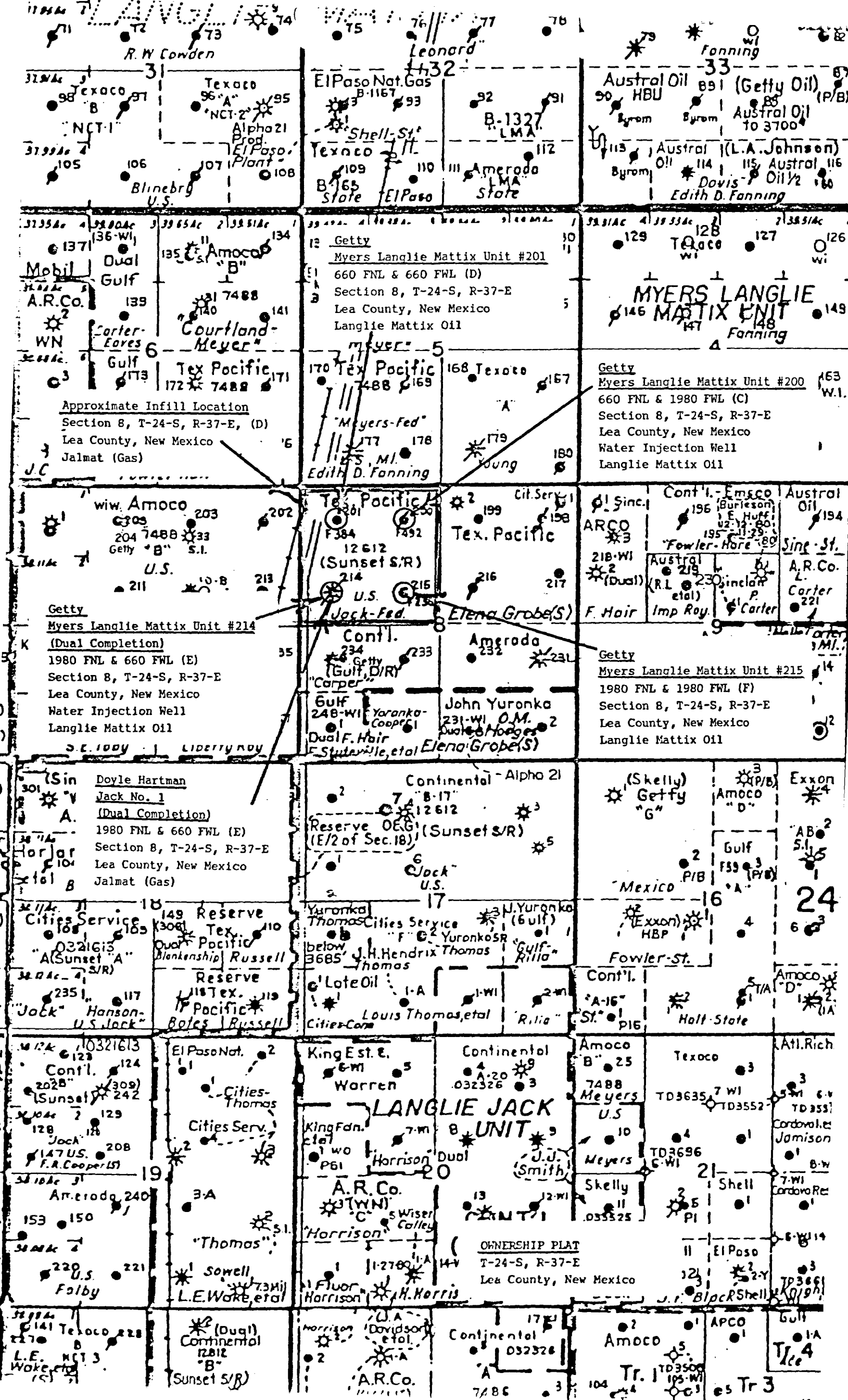
9. POSTMARK

10. RETURN TO: Ms. Arlene S. Anthony  
721 Chatham Road  
Olenville, Illinois 60025

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

PS Form 3811, Dec. 1980

4-2-85



Unaffiliated  
Interval  
(MEMU)

C-8-24-37

C-8-24-37

# LANE WELLS *Radioactivity Log*

COMPANY: R. OLSEN WELL: JACK NO. 3 FIELD: LANGLE MATIX COUNTY: 129 LOCATION: 129° 01' E 1/4 & 130° 01' E 1/4 OF SECTION 1, T-12S, R-37E		Location of Well
LOG MEAS FROM TOP KELLY DRIVE PUSHER ELEV. • DRUG MEAS FROM TOP KELLY DRIVE PUSHER ELEV. • PERM. DATUM TO F. S. D. IS 11' ABOVE G. L. ELEV. •		
TYPE OF LOG RUN NO. DATE TOTAL DEPTH (DRILLER) FEET EFFECTIVE DEPTH (DRILLER) TOP OF LOGGED INTERVAL BOTTOM OF LOGGED INTERVAL TYPE OF FLUID IN HOLE FLUID LEVEL MAXIMUM RECORDED TEMP. SOURCE STRENGTH & TYPE SOURCE SPACING - IN. LENGTH OF MEASURING DEVICE - IN. C.D. OF INSTRUMENT - IN. TIME CONSTANT - SECONDS LOGGING - 10 FT. MIN. STATISTICAL VARIATION - IN. SENSITIVITY REFERENCE RECORDED BY WITNESSED BY	DATA PAY ONE-WAY 2-12-55 3110 3110 SURFACE 3103 150 150 600K 2.25 36" 3 5/8" 5.0 20-10 27L SCHLOTTERBEIN & DANSON FRENCH	NETWORK ONE-WAY 2-12-55 3110 3110 SURFACE 3112 150 150 600K 2.25 36" 3 5/8" 5.0 20-10 275 SCHLOTTERBEIN & DANSON FRENCH
VELL RECORD RUN NO. 111 BIT SIZE 8 5/8" CASING WT.-LB. 265 FROM WELL RECORD SURFACE TO 265 FROM LOG SURFACE TO 257 TO 3111 TO 3111 TO 3111 TO 3111 TO 3111 TO 3111		
REMARKS OF OTHER DATA ELEVATION UNDETERMINED.		

Recorded By  
West Texas Electrical Log Service

Dallas 2, Texas

REFERENCE 169730

## COMPLETION RECORD

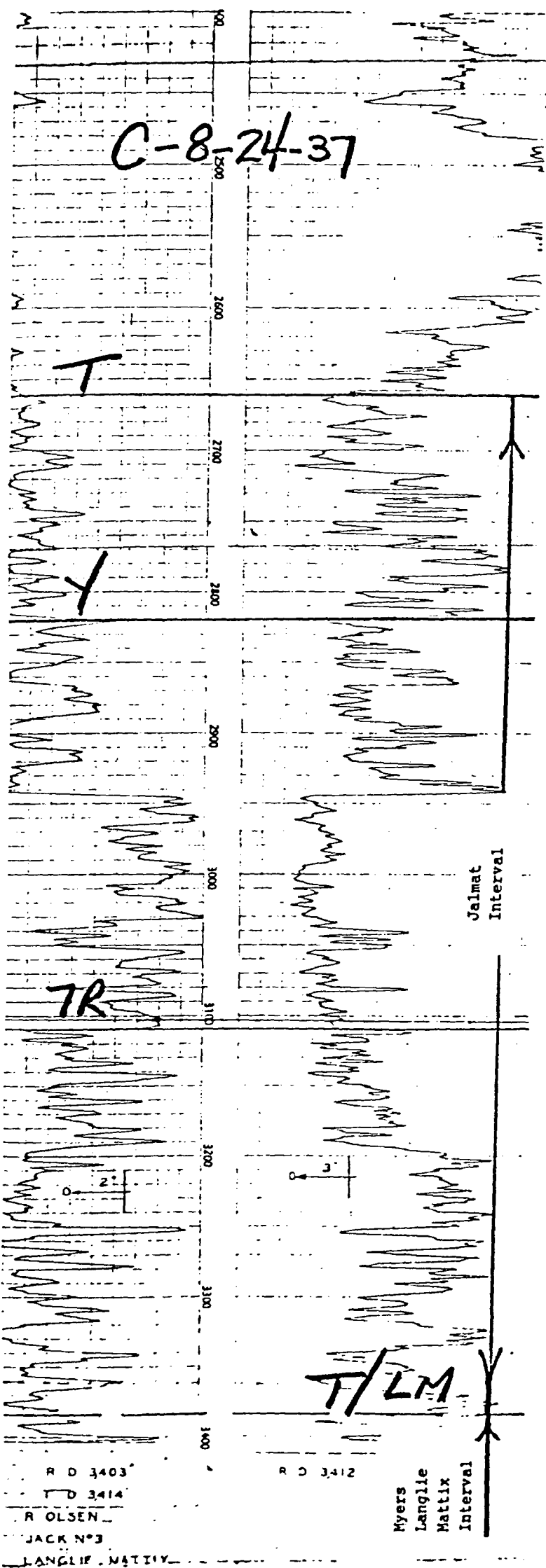
SPLIT DATE

CONE DATE

LOG RECORD

LOG NO. 11

LOG DATE 11/1/55



Myers  
Langlie  
Mattix  
Interval



BOOK 312 PAGE 356

(d) "Director" is defined as the Director of the United States Geological Survey.

(e) "Secretary" is defined as the Secretary of the Interior of the United States of America or any other person duly authorized to exercise powers vested in that office.

(f) "Department" is defined as the Department of the Interior of the United States of America.

(g) "Supervisor" is defined as the Oil and Gas Supervisor of the United States Geological Survey having jurisdiction over oil and gas operation on Federal lands in the Unit Area.

(h) "Unitized Formation" means that interval underlying the Unit Area the vertical limits of which extend from a point 100 feet above the base of the Seven Rivers formation to the base of the Queen formation; said interval having been heretofore found to occur in Texas Pacific Oil Company's Blinbry "B" No. 3 well (located 2310 feet from the west line and 330 feet from the north line of Section 34, Township 23 South, Range 37 East, Lea County, New Mexico) at an indicated depth interval of 3168 feet to 3570 feet, as recorded on the Schlumberger Electrical log Run No. 1 taken December 26, 1952, said log being measured from a derrick floor elevation of 3300 feet above sea level.

(i) "Unitized Substances" means all oil, gas, gaseous substances, sulphur contained in gas, condensate, distillate and all associated and constituent liquid or liquefiable hydrocarbons within and produced from the Unitized Formation underlying the lands unitized hereunder.

(j) "Tract" is defined as each parcel of land described as such and given a tract number in Exhibit "B".

(k) "Tract Participation" is defined as the percentage of Unitized Substances to be allocated to a Tract qualified for participation under this agreement, as shown on Exhibit "C".

(l) "Unit Participation" of each Working Interest Owner means the sum of the products obtained by multiplying the Working Interest share of such Working Interest Owner in each Tract by the Tract Participation of such Tract.

(m) "Working Interest" is defined as the right to search for, produce and acquire Unitized Substances whether held as an incident of ownership of mineral for simple title, under an oil or gas lease, or otherwise, and

Unitized Interval  
Myers Langlie Mattix Unit

Excerpt from Myers Langlie Mattix  
Unit agreement. Above is  
definition of unitized interval  
or unitized formation.



DATE 3/28/83 TIME 14:52:00

PLEASE HAVE WORK  
WELL  
UNDER HARMONY DOYLE

LOCATION BEZAS JTE DATES ID # 3022453760800YT FIELD JALPAT TAMBILL VT 7 RWS (PRO GAS) VT PRODUCTION UNIT # - 53035  
COMPLETION DATE 1/08/50 CUM DATES - LIQUID 0/69/12 CUMES - LIQUID 0 LID GATHERER 3450098 GAS GATHERER EL PASO NATURAL GAS COMPANY

PRODUCTION DATA

YR	MR	WELLS	PRODIN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD	1TD	AUG
77	FLOW	LIFT		1	1	1	1	1	1	1	1	1	1	1	1			
			DAYS	0	0	0	0	0	0	0	0	0	0	0	0			
			OIL	0	0	0	0	0	0	0	0	0	0	0	0			0
			WATER	0	0	0	0	0	0	0	0	0	0	0	0		0	0
			GAS	8682	7853	8656	8325	6836	7157	8378	7896	7791	7819	7951	7159	94503	4611717	7875
78	FLOW	LIFT		1	1	1	1	1	1	1	1	1	1	1	1			
			DAYS	0	0	0	0	0	0	0	0	0	0	0	0			
			OIL	0	0	0	0	0	0	0	0	0	0	0	0			0
			WATER	0	0	0	0	0	0	0	0	0	0	0	0		0	0
			GAS	7763	6842	8878	7103	6862	6289	6924	6731	6706	7183	6759	6744	84784	4496501	7065
79	FLOW	LIFT		1	1	1	1	1	1	1	1	1	1	1	1			
			DAYS	0	0	0	0	0	0	0	0	0	0	0	0			
			OIL	0	0	0	0	0	0	0	0	0	0	0	0			0
			WATER	0	0	0	0	0	0	0	0	0	0	0	0		0	0
			GAS	6561	6016	6485	6097	6270	5263	6302	5859	5660	5976	6051	6215	72755	4769256	6063
80	FLOW	LIFT		1	1	1	1	1	1	1	1	1	1	1	1			
			DAYS	0	0	0	0	0	0	0	0	0	0	0	0			
			OIL	0	0	0	0	0	0	0	0	0	0	0	0		0	0
			WATER	0	0	0	0	0	0	0	0	0	0	0	0		0	0
			GAS	6120	5465	6072	5504	5555	5478	4346	5723	5290	5462	5504	5083	65602	4834858	5467
81	FLOW	LIFT		1	1	1	1	1	1	1	1	1	1	1	1			
			DAYS	0	0	0	0	0	0	0	0	0	0	0	0			
			OIL	0	0	0	0	0	0	0	0	0	0	0	0			0
			WATER	0	0	0	0	0	0	0	0	0	0	0	0		0	0
			GAS	5223	4640	5249	4571	5126	5084	5389	5182	4953	5049	5230	5137	60833	4895691	5069
82	FLOW	LIFT		1	1	1	1	1	1	1	1	1	1	1	1			
			DAYS	0	0	0	0	0	0	0	0	0	0	0	0			
			OIL	0	0	0	0	0	0	0	0	0	0	0	0			0
			WATER	0	0	0	0	0	0	0	0	0	0	0	0		0	0
			GAS	5062	4726	4940	4585	3385	2964	1669	247	288	296	1871	6410	36443	4932134	3037
83	FLOW	LIFT		1	1	1	1	1	1	1	1	1	1	1	1			
			DAYS	0	0	0	0	0	0	0	0	0	0	0	0			
			OIL	6	1	31	30	31	30	31	31	30	31	30	31	313		26
			WATER	0	0	0	0	0	0	0	0	0	0	0	0		0	0
			GAS	1438	220	2351	1644	570	160	773	81	1480	479	2257	5985	17438	4949572	1453

PLEASE HAVE JACK  
WELL ...  
OFER WARTHAN BOYLE

LOCATION/ BE-24S 37K

INWIGTS ID # 30224537E08E00YT

FIELD - JALMAT TANSILL YT 7 RURS (PRO GAS) YT

PROPORTION UNIT 0 - 53035

OFER WARTHAN BOYLE

CUMULATIVE DATES - LIQUID		0/69/12
GAS		0/69/12

LIQUID	0	LIQ GATHERER
GAS	3450098	GAS GATHERER

### PRODUCTION DATA

YR	MR	WELLS	PROVIN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD	AVG
84	FLOW			1	1	1	1	1	1	1	1	1	1	1	0		
	LIFT			0	0	0	0	0	0	0	0	0	0	0	0		
	RAVS	31	25	31	31	30	31	31	30	31	31	29	31	30	0	330	30
	OIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WATER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	GAS	5642	4288	5081	1336	3518	1186	5524	4737	4796	5137	5070	0	46315	4995867	4210	

TEST DATE	WELLHEAD S/I PRESS	ROT HOLE PRESSURE	Z-FACTOR	P/Z	TEST DATE	
					GAS	CUPE
70/08/14	343	367	.948	387	3,543,016	
71/08/20	340	364	.949	384	3,665,537	
72/08/22	260	278	.960	290	3,513,163	
73/06/12	228	244	.965	253	4,064,860	
74/06/10	213	228	.967	236	4,224,293	
75/06/09	200	214	.969	221	4,344,393	
76/05/25	183	196	.972	202	4,449,531	
77/06/28	172	184	.974	189	4,564,246	
78/06/26	166	177	.975	182	4,654,616	
79/06/18	129	138	.980	141	4,731,088	
80/05/22	46	49	.993	49	4,796,359	
81/04/06	139	148	.979	151	4,850,884	
82/06/21	135	144	.979	147	4,920,464	
83/09/06	165	176	.975	181	4,939,667	

A.A.P.L. FORM 610-1982

MODEL FORM OPERATING AGREEMENT

OPERATING AGREEMENT

DATED

March 27 , 19 85 ,

OPERATOR Doyle Hartman

CONTRACT AREA NW/4 Section 8.

T-24-S, R-37-E

COUNTY ~~OR PARISH~~ OF Lea STATE OF New Mexico

E. E. Jack No. 6

COPYRIGHT 1982 — ALL RIGHTS RESERVED  
AMERICAN ASSOCIATION OF PETROLEUM  
LANDMEN, 2408 CONTINENTAL LIFE BUILDING,  
FORT WORTH, TEXAS, 76102. APPROVED FORM.  
A.A.P.L. NO. 610 - 1982 REVISED

TABLE OF CONTENTS

<u>Article</u>	<u>Title</u>	<u>Page</u>
I.	<u>DEFINITIONS</u>	1
II.	<u>EXHIBITS</u>	1
III.	<u>INTERESTS OF PARTIES</u>	2
	A. OIL AND GAS INTERESTS	2
	B. INTERESTS OF PARTIES IN COSTS AND PRODUCTION	2
	C. EXCESS ROYALTIES, OVERRIDING ROYALTIES AND OTHER PAYMENTS	2
	D. SUBSEQUENTLY CREATED INTERESTS	2
IV.	<u>TITLES</u>	2
	A. TITLE EXAMINATION	2-3
	B. LOSS OF TITLE	3
	<del>1. Failure of Title</del>	<del>3</del>
	<del>2. Loss by Non-Payment or Erroneous Payment of Amount Due</del>	<del>3</del>
	3. Other Losses	3
V.	<u>OPERATOR</u>	4
	A. DESIGNATION AND RESPONSIBILITIES OF OPERATOR	4
	B. RESIGNATION OR REMOVAL OF OPERATOR AND SELECTION OF SUCCESSOR	4
	1. Resignation or Removal of Operator	4
	2. Selection of Successor Operator	4
	C. EMPLOYEES	4
	D. DRILLING CONTRACTS	4
VI.	<u>DRILLING AND DEVELOPMENT</u>	4
	A. INITIAL WELL	4-5
	B. SUBSEQUENT OPERATIONS	5
	1. Proposed Operations	5
	2. Operations by Less than All Parties	5-6-7
	3. Stand-By Time	7
	4. Sidetracking	7
	C. TAKING PRODUCTION IN KIND	7
	D. ACCESS TO CONTRACT AREA AND INFORMATION	8
	E. ABANDONMENT OF WELLS	8
	1. Abandonment of Dry Holes	8
	2. Abandonment of Wells that have Produced	8-9
	3. Abandonment of Non-Consent Operations	9
VII.	<u>EXPENDITURES AND LIABILITY OF PARTIES</u>	9
	A. LIABILITY OF PARTIES	9
	B. LIENS AND PAYMENT DEFAULTS	9
	C. PAYMENTS AND ACCOUNTING	9
	D. LIMITATION OF EXPENDITURES	9-10
	1. Drill or Deepen	9-10
	2. Rework or Plug Back	10
	3. Other Operations	10
	E. RENTALS, SHUT-IN WELL PAYMENTS AND MINIMUM ROYALTIES	10
	F. TAXES	10
	G. INSURANCE	11
VIII.	<u>ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST</u>	11
	A. SURRENDER OF LEASES	11
	B. RENEWAL OR EXTENSION OF LEASES	11
	C. ACREAGE OR CASH CONTRIBUTIONS	11-12
	D. MAINTENANCE OF UNIFORM INTEREST	12
	E. WAIVER OF RIGHTS TO PARTITION	12
	<del>F. PREFERENTIAL RIGHT TO PURCHASE</del>	<del>12</del>
IX.	<u>INTERNAL REVENUE CODE ELECTION</u>	12
X.	<u>CLAIMS AND LAWSUITS</u>	13
XI.	<u>FORCE MAJEURE</u>	13
XII.	<u>NOTICES</u>	13
XIII.	<u>TERM OF AGREEMENT</u>	13
XIV.	<u>COMPLIANCE WITH LAWS AND REGULATIONS</u>	14
	A. LAWS, REGULATIONS AND ORDERS	14
	B. GOVERNING LAW	14
	C. REGULATORY AGENCIES	14
XV.	<u>OTHER PROVISIONS</u>	14
XVI.	<u>MISCELLANEOUS</u>	15

## OPERATING AGREEMENT

THIS AGREEMENT, entered into by and between Doyle Hartman, hereinafter designated and referred to as "Operator", and the signatory party or parties other than Operator, sometimes hereinafter referred to individually herein as "Non-Operator", and collectively as "Non-Operators".

## WITNESSETH:

WHEREAS, the parties to this agreement are owners of oil and gas leases and/or oil and gas interests in the land identified in Exhibit "A", and the parties hereto have reached an agreement to explore and develop these leases and/or oil and gas interests for the production of oil and gas to the extent and as hereinafter provided,

NOW, THEREFORE, it is agreed as follows:

# ARTICLE I. DEFINITIONS

As used in this agreement, the following words and terms shall have the meanings here ascribed to them:

A. The term "oil and gas" shall mean oil, gas, casinghead gas, gas condensate, and all other liquid or gaseous hydrocarbons and other marketable substances produced therewith, unless an intent to limit the inclusiveness of this term is specifically stated.

B. The terms "oil and gas lease", "lease" and "leasehold" shall mean the oil and gas leases covering tracts of land lying within the Contract Area which are owned by the parties to this agreement.

C. The term "oil and gas interests" shall mean unleased fee and mineral interests in tracts of land lying within the Contract Area which are owned by parties to this agreement.

D. The term "Contract Area" shall mean all of the lands, oil and gas leasehold interests and oil and gas interests intended to be developed and operated for oil and gas purposes under this agreement. Such lands, oil and gas leasehold interests and oil and gas interests are described in Exhibit "A".

E. The term "drilling unit" shall mean the area fixed for the drilling of one well by order or rule of any state or federal body having authority. If a drilling unit is not fixed by any such rule or order, a drilling unit shall be the drilling unit as established by the pattern of drilling in the Contract Area or as fixed by express agreement of the Drilling Parties.

F. The term "drillsite" shall mean the oil and gas lease or interest on which a proposed well is to be located.

G. The terms "Drilling Party" and "Consenting Party" shall mean a party who agrees to join in and pay its share of the cost of any operation conducted under the provisions of this agreement.

H. The terms "Non-Drilling Party" and "Non-Consenting Party" shall mean a party who elects not to participate in a proposed operation.

Unless the context otherwise clearly indicates, words used in the singular include the plural, the plural includes the singular, and the neuter gender includes the masculine and the feminine.

# ARTICLE II. EXHIBITS

The following exhibits, as indicated below and attached hereto, are incorporated in and made a part hereof:

☒ A. Exhibit "A", shall include the following information:

- (1) Identification of lands subject to this agreement,
- (2) Restrictions, if any, as to depths, formations, or substances,
- (3) Percentages or fractional interests of parties to this agreement,
- (4) Oil and gas leases and/or oil and gas interests subject to this agreement,
- (5) Addresses of parties for notice purposes.

☐ B. Exhibit "B", Form of Lease.

☒ C. Exhibit "C", Accounting Procedure.

☒ D. Exhibit "D", Insurance.

☐ E. Exhibit "E", Gas Balancing Agreement.

☐ F. Exhibit "F", Non-Discrimination and Certification of Non-Segregated Facilities.

☐ G. Exhibit "G", Tax Partnership.

If any provision of any exhibit, except Exhibits "E" and "G", is inconsistent with any provision contained in the body of this agreement, the provisions in the body of this agreement shall prevail.



### ARTICLE III. INTERESTS OF PARTIES

#### A. Oil and Gas Interests:

If any party owns an oil and gas interest in the Contract Area, that interest shall be treated for all purposes of this agreement and during the term hereof as if it were covered by the form of oil and gas lease attached hereto as Exhibit "B", and the owner thereof shall be deemed to own both the royalty interest reserved in such lease and the interest of the lessee thereunder.

#### B. Interests of Parties in Costs and Production:

Unless changed by other provisions, all costs and liabilities incurred in operations under this agreement shall be borne and paid, and all equipment and materials acquired in operations on the Contract Area shall be owned, by the parties as their interests are set forth in Exhibit "A". In the same manner, the parties shall also own all production of oil and gas from the Contract Area subject to the payment of royalties to the extent of one-eighth (1/8) which shall be borne as hereinafter set forth.

Regardless of which party has contributed the lease(s) and/or oil and gas interest(s) hereto on which royalty is due and payable, each party entitled to receive a share of production of oil and gas from the Contract Area shall bear and shall pay or deliver, or cause to be paid or delivered, to the extent of its interest in such production, the royalty amount stipulated hereinabove and shall hold the other parties free from any liability therefor. No party shall ever be responsible, however, on a price basis higher than the price received by such party, to any other party's lessor or royalty owner, and if any such other party's lessor or royalty owner should demand and receive settlement on a higher price basis, the party contributing the affected lease shall bear the additional royalty burden attributable to such higher price.

Nothing contained in this Article III.B. shall be deemed an assignment or cross-assignment of interests covered hereby.

#### C. Excess Royalties, Overriding Royalties and Other Payments:

Unless changed by other provisions, if the interest of any party in any lease covered hereby is subject to any royalty, overriding royalty, production payment or other burden on production in excess of the amount stipulated in Article III.B., such party so burdened shall assume and alone bear all such excess obligations and shall indemnify and hold the other parties hereto harmless from any and all claims and demands for payment asserted by owners of such excess burden.

#### D. Subsequently Created Interests:

If any party should hereafter create an overriding royalty, production payment or other burden payable out of production attributable to its working interest hereunder, or if such a burden existed prior to this agreement and is not set forth in Exhibit "A", or was not disclosed in writing to all other parties prior to the execution of this agreement by all parties, or is not a jointly acknowledged and accepted obligation of all parties (any such interest being hereinafter referred to as "subsequently created interest" irrespective of the timing of its creation and the party out of whose working interest the subsequently created interest is derived being hereinafter referred to as "burdened party"), and:

1. If the burdened party is required under this agreement to assign or relinquish to any other party, or parties, all or a portion of its working interest and/or the production attributable thereto, said other party, or parties, shall receive said assignment and/or production free and clear of said subsequently created interest and the burdened party shall indemnify and save said other party, or parties, harmless from any and all claims and demands for payment asserted by owners of the subsequently created interest; and,
2. If the burdened party fails to pay, when due, its share of expenses chargeable hereunder, all provisions of Article VII.B. shall be enforceable against the subsequently created interest in the same manner as they are enforceable against the working interest of the burdened party.

### ARTICLE IV. TITLES

#### A. Title Examination: Title is presently being examined and a copy will be furnished on request.

Title examination shall be made on the drillsite of any proposed well prior to commencement of drilling operations or, if the Drilling Parties so request, title examination shall be made on the leases and/or oil and gas interests included, or planned to be included, in the drilling unit around such well. The opinion will include the ownership of the working interest, minerals, royalty, overriding royalty and production payments under the applicable leases. At the time a well is proposed, each party contributing leases and/or oil and gas interests to the drillsite, or to be included in such drilling unit, shall furnish to Operator all abstracts (including federal lease status reports), title opinions, title papers and curative material in its possession free of charge. All such information not in the possession of or made available to Operator by the parties, but necessary for the examination of the title, shall be obtained by Operator. Operator shall cause title to be examined by attorneys on its staff or by outside attorneys. Copies of all title opinions shall be furnished to each party hereto. The cost incurred by Operator in this title program shall be borne as follows:

☐ Option No. 1: Costs incurred by Operator in procuring abstracts and title examination (including preliminary, supplemental, shut-in gas royalty opinions and division order title opinions) shall be a part of the administrative overhead as provided in Exhibit "C", and shall not be a direct charge, whether performed by Operator's staff attorneys or by outside attorneys.

## ARTICLE IV

continued

☒ Option No. 2: Costs incurred by Operator in procuring abstracts and fees paid outside attorneys for title examination (including preliminary, supplemental, shut-in gas royalty opinions and division order title opinions) shall be borne by the Drilling Parties in the proportion that the interest of each Drilling Party bears to the total interest of all Drilling Parties as such interests appear in Exhibit "A". Operator shall make no charge for services rendered by its staff attorneys or other personnel in the performance of the above functions.

Each party shall be responsible for securing curative matter and pooling amendments or agreements required in connection with leases or oil and gas interests contributed by such party. Operator shall be responsible for the preparation and recording of pooling designations or declarations as well as the conduct of hearings before governmental agencies for the securing of spacing or pooling orders. This shall not prevent any party from appearing on its own behalf at any such hearing.

No well shall be drilled on the Contract Area until after (1) the title to the drillsite or drilling unit has been examined as above provided, and (2) the title has been approved by the examining attorney or title has been accepted by all of the parties who are to participate in the drilling of the well.

## B. Loss of Title:

~~1. Failure of Title: Should any oil and gas interest or lease, or interest therein, be lost through failure of title, which loss results in a reduction of interest from that shown on Exhibit "A", the party contributing the affected lease or interest shall have ninety (90) days from final determination of title failure to acquire a new lease or other instrument curing the entirety of the title failure, which acquisition will not be subject to Article VIII.B., and failing to do so, this agreement, nevertheless, shall continue in force as to all remaining oil and gas leases and interests: and,~~

~~(a) The party whose oil and gas lease or interest is affected by the title failure shall bear alone the entire loss and it shall not be entitled to recover from Operator or the other parties any development or operating costs which it may have theretofore paid or incurred, but there shall be no additional liability on its part to the other parties hereto by reason of such title failure;~~

~~(b) There shall be no retroactive adjustment of expenses incurred or revenues received from the operation of the interest which has been lost, but the interests of the parties shall be revised on an acreage basis, as of the time it is determined finally that title failure has occurred, so that the interest of the party whose lease or interest is affected by the title failure will thereafter be reduced in the Contract Area by the amount of the interest lost;~~

~~(c) If the proportionate interest of the other parties hereto in any producing well theretofore drilled on the Contract Area is increased by reason of the title failure, the party whose title has failed shall receive the proceeds attributable to the increase in such interest (less costs and burdens attributable thereto) until it has been reimbursed for unrecovered costs paid by it in connection with such well;~~

~~(d) Should any person not a party to this agreement, who is determined to be the owner of any interest in the title which has failed, pay in any manner any part of the cost of operation, development, or equipment, such amount shall be paid to the party or parties who bore the costs which are so refunded;~~

~~(e) Any liability to account to a third party for prior production of oil and gas which arises by reason of title failure shall be borne by the party or parties whose title failed in the same proportions in which they shared in such prior production; and,~~

~~(f) No charge shall be made to the joint account for legal expenses, fees or salaries, in connection with the defense of the interest claimed by any party hereto, it being the intention of the parties hereto that each shall defend title to its interest and bear all expenses in connection therewith.~~

~~2. Loss by Non-Payment or Erroneous Payment of Amount Due: If, through mistake or oversight, any rental, shut-in well payment, minimum royalty or royalty payment, is not paid or is erroneously paid, and as a result a lease or interest therein terminates, there shall be no monetary liability against the party who failed to make such payment. Unless the party who failed to make the required payment secures a new lease covering the same interest within ninety (90) days from the discovery of the failure to make proper payment, which acquisition will not be subject to Article VIII.B., the interests of the parties shall be revised on an acreage basis, effective as of the date of termination of the lease involved, and the party who failed to make proper payment will no longer be credited with an interest in the Contract Area on account of ownership of the lease or interest which has terminated. In the event the party who failed to make the required payment shall not have been fully reimbursed, at the time of the loss, from the proceeds of the sale of oil and gas attributable to the lost interest, calculated on an acreage basis, for the development and operating costs theretofore paid on account of such interest, it shall be reimbursed for unrecovered actual costs theretofore paid by it (but not for its share of the cost of any dry hole previously drilled or wells previously abandoned) from so much of the following as is necessary to effect reimbursement:~~

~~(a) Proceeds of oil and gas, less operating expenses, theretofore accrued to the credit of the lost interest, on an acreage basis up to the amount of unrecovered costs;~~

~~(b) Proceeds, less operating expenses, thereafter accrued attributable to the lost interest on an acreage basis, of that portion of oil and gas thereafter produced and marketed (excluding production from any wells thereafter drilled) which, in the absence of such lease termination, would be attributable to the lost interest on an acreage basis, up to the amount of unrecovered costs, the proceeds of said portion of the oil and gas to be contributed by the other parties in proportion to their respective interests; and,~~

~~(c) Any monies, up to the amount of unrecovered costs, that may be paid by any party who is, or becomes, the owner of the interest lost, for the privilege of participating in the Contract Area or becoming a party to this agreement.~~

3. Other Losses: All losses incurred, other than those set forth in Articles IV.B.1. and IV.B.2. above, shall be joint losses and shall be borne by all parties in proportion to their interests. There shall be no readjustment of interests in the remaining portion of the Contract Area.

## ARTICLE V.

## OPERATOR

## A. Designation and Responsibilities of Operator:

Doyle Hartman

shall be the

Operator of the Contract Area, and shall conduct and direct and have full control of all operations on the Contract Area as permitted and required by; and within the limits of this agreement. It shall conduct all such operations in a good and workmanlike manner, but it shall have no liability as Operator to the other parties for losses sustained or liabilities incurred, except such as may result from gross negligence or willful misconduct.

## B. Resignation or Removal of Operator and Selection of Successor:

1. Resignation or Removal of Operator: Operator may resign at any time by giving written notice thereof to Non-Operators. If Operator terminates its legal existence, no longer owns an interest hereunder in the Contract Area, or is no longer capable of serving as Operator, Operator shall be deemed to have resigned without any action by Non-Operators, except the selection of a successor. Operator may be removed if it fails or refuses to carry out its duties hereunder, or becomes insolvent, bankrupt or is placed in receivership, by the affirmative vote of two (2) or more Non-Operators owning a majority interest based on ownership as shown on Exhibit "A" remaining after excluding the voting interest of Operator. Such resignation or removal shall not become effective until 7:00 o'clock A.M. on the first day of the calendar month following the expiration of ninety (90) days after the giving of notice of resignation by Operator or action by the Non-Operators to remove Operator, unless a successor Operator has been selected and assumes the duties of Operator at an earlier date. Operator, after effective date of resignation or removal, shall be bound by the terms hereof as a Non-Operator. A change of a corporate name or structure of Operator or transfer of Operator's interest to any single subsidiary, parent or successor corporation shall not be the basis for removal of Operator.

2. Selection of Successor Operator: Upon the resignation or removal of Operator, a successor Operator shall be selected by the parties. The successor Operator shall be selected from the parties owning an interest in the Contract Area at the time such successor Operator is selected. The successor Operator shall be selected by the affirmative vote of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A"; provided, however, if an Operator which has been removed fails to vote or votes only to succeed itself, the successor Operator shall be selected by the affirmative vote of two (2) or more parties owning a majority interest based on ownership as shown on Exhibit "A" remaining after excluding the voting interest of the Operator that was removed.

## C. Employees:

The number of employees used by Operator in conducting operations hereunder, their selection, and the hours of labor and the compensation for services performed shall be determined by Operator, and all such employees shall be the employees of Operator.

## D. Drilling Contracts:

All wells drilled on the Contract Area shall be drilled on a competitive contract basis at the usual rates prevailing in the area. If it so desires, Operator may employ its own tools and equipment in the drilling of wells, but its charges therefor shall not exceed the prevailing rates in the area and the rate of such charges shall be agreed upon by the parties in writing before drilling operations are commenced, and such work shall be performed by Operator under the same terms and conditions as are customary and usual in the area in contracts of independent contractors who are doing work of a similar nature.

## ARTICLE VI.

## DRILLING AND DEVELOPMENT

## A. Initial Well:

On or before the 1st day of July, 19 85, Operator shall commence the drilling of a well for oil and gas at the following location:

NW/4 Section 8, T-24-S, R-37-E

and shall thereafter continue the drilling of the well with due diligence to a depth of 3370 feet or a depth sufficient to test the Jalmat (Gas) zone, whichever is lesser.

unless granite or other practically impenetrable substance or condition in the hole, which renders further drilling impractical, is encountered at a lesser depth, or unless all parties agree to complete or abandon the well at a lesser depth.

Operator shall ~~thoroughly log, but not core or DST~~ <sup>thoroughly log, but not core or DST</sup> all formations encountered during drilling which give indication of containing oil and gas in quantities sufficient to ~~evaluate~~ <sup>evaluate</sup>. ~~Operator shall be required to test only the formation or formations to which this agreement may apply.~~

## ARTICLE VI

(continued)

If, in Operator's judgment, the well will not produce oil or gas in paying quantities, and it wishes to plug and abandon the well as a dry hole, the provisions of Article VI.E.1. shall thereafter apply.

## B. Subsequent Operations:

1. Proposed Operations: Should any party hereto desire to drill any well on the Contract Area other than the well provided for in Article VI.A., or to rework, deepen or plug back a dry hole drilled at the joint expense of all parties or a well jointly owned by all the parties and not then producing in paying quantities, the party desiring to drill, rework, deepen or plug back such a well shall give the other parties written notice of the proposed operation, specifying the work to be performed, the location, proposed depth, objective formation and the estimated cost of the operation. The parties receiving such a notice shall have thirty (30) days after receipt of the notice within which to notify the party wishing to do the work whether they elect to participate in the cost of the proposed operation. If a drilling rig is on location, notice of a proposal to rework, plug back or drill deeper may be given by telephone and the response period shall be limited to forty-eight (48) hours, exclusive of Saturday, Sunday and legal holidays. Failure of a party receiving such notice to reply within the period above fixed shall constitute an election by that party not to participate in the cost of the proposed operation. Any notice or response given by telephone shall be promptly confirmed in writing.

If all parties elect to participate in such a proposed operation, Operator shall, within ninety (90) days after expiration of the notice period of thirty (30) days (or as promptly as possible after the expiration of the forty-eight (48) hour period when a drilling rig is on location, as the case may be), actually commence the proposed operation and complete it with due diligence at the risk and expense of all parties hereto; provided, however, said commencement date may be extended upon written notice of same by Operator to the other parties, for a period of up to thirty (30) additional days if, in the sole opinion of Operator, such additional time is reasonably necessary to obtain permits from governmental authorities, surface rights (including rights-of-way) or appropriate drilling equipment, or to complete title examination or curative matter required for title approval or acceptance. Notwithstanding the force majeure provisions of Article XI, if the actual operation has not been commenced within the time provided (including any extension thereof as specifically permitted herein) and if any party hereto still desires to conduct said operation, written notice proposing same must be resubmitted to the other parties in accordance with the provisions hereof as if no prior proposal had been made.

2. Operations by Less than All Parties: If any party receiving such notice as provided in Article VI.B.1. or VII.D.1. (Option No. 2) elects not to participate in the proposed operation, then, in order to be entitled to the benefits of this Article, the party or parties giving the notice and such other parties as shall elect to participate in the operation shall, within ninety (90) days after the expiration of the notice period of thirty (30) days (or as promptly as possible after the expiration of the forty-eight (48) hour period when a drilling rig is on location, as the case may be) actually commence the proposed operation and complete it with due diligence. Operator shall perform all work for the account of the Consenting Parties; provided, however, if no drilling rig or other equipment is on location, and if Operator is a Non-Consenting Party, the Consenting Parties shall either: (a) request Operator to perform the work required by such proposed operation for the account of the Consenting Parties, or (b) designate one (1) of the Consenting Parties as Operator to perform such work. Consenting Parties, when conducting operations on the Contract Area pursuant to this Article VI.B.2., shall comply with all terms and conditions of this agreement.

If less than all parties approve any proposed operation, the proposing party, immediately after the expiration of the applicable notice period, shall advise the Consenting Parties of the total interest of the parties approving such operation and its recommendation as to whether the Consenting Parties should proceed with the operation as proposed. Each Consenting Party, within forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) after receipt of such notice, shall advise the proposing party of its desire to (a) limit participation to such party's interest as shown on Exhibit "A" or (b) carry its proportionate part of Non-Consenting Parties' interests, and failure to advise the proposing party shall be deemed an election under (a). In the event a drilling rig is on location, the time permitted for such a response shall not exceed a total of forty-eight (48) hours (inclusive of Saturday, Sunday and legal holidays). The proposing party, at its election, may withdraw such proposal if there is insufficient participation and shall promptly notify all parties of such decision.

The entire cost and risk of conducting such operations shall be borne by the Consenting Parties in the proportions they have elected to bear same under the terms of the preceding paragraph. Consenting Parties shall keep the leasehold estates involved in such operations free and clear of all liens and encumbrances of every kind created by or arising from the operations of the Consenting Parties. If such an operation results in a dry hole, the Consenting Parties shall plug and abandon the well and restore the surface location at their sole cost, risk and expense. If any well drilled, reworked, deepened or plugged back under the provisions of this Article results in a producer of oil and/or gas in paying quantities, the Consenting Parties shall complete and equip the well to produce at their sole cost and risk.

## ARTICLE VI

continued

1 and the well shall then be turned over to Operator and shall be operated by it at the expense and for the account of the Consenting Parties. Upon commencement of operations for the drilling, reworking, deepening or plugging back of any such well by Consenting Parties in accordance with the provisions of this Article, each Non-Consenting Party shall be deemed to have relinquished to Consenting Parties, and the Consenting Parties shall own and be entitled to receive, in proportion to their respective interests, all of such Non-Consenting Party's interest in the well and share of production therefrom until the proceeds of the sale of such share, calculated at the well, or market value thereof if such share is not sold, (after deducting production taxes, excise taxes, royalty, overriding royalty and other interests not excepted by Article III.D. payable out of or measured by the production from such well accruing with respect to such interest until it reverts) shall equal the total of the following:

2 (a) 100% of each such Non-Consenting Party's share of the cost of any newly acquired surface equipment beyond the wellhead connections (including, but not limited to, stock tanks, separators, treaters, pumping equipment and piping), plus 100% of each such Non-Consenting Party's share of the cost of operation of the well commencing with first production and continuing until each such Non-Consenting Party's relinquished interest shall revert to it under other provisions of this Article, it being agreed that each Non-Consenting Party's share of such costs and equipment will be that interest which would have been chargeable to such Non-Consenting Party had it participated in the well from the beginning of the operations; and

3 (b) 400 % of that portion of the costs and expenses of drilling, reworking, deepening, plugging back, testing and completing, after deducting any cash contributions received under Article VIII.C., and 400 % of that portion of the cost of newly acquired equipment in the well (to and including the wellhead connections), which would have been chargeable to such Non-Consenting Party if it had participated therein.

4 An election not to participate in the drilling or the deepening of a well shall be deemed an election not to participate in any reworking or plugging back operation proposed in such a well, or portion thereof, to which the initial Non-Consent election applied that is conducted at any time prior to full recovery by the Consenting Parties of the Non-Consenting Party's recoupment account. Any such reworking or plugging back operation conducted during the recoupment period shall be deemed part of the cost of operation of said well and there shall be added to the sums to be recouped by the Consenting Parties one hundred percent (100%) of that portion of the costs of the reworking or plugging back operation which would have been chargeable to such Non-Consenting Party had it participated therein. If such a reworking or plugging back operation is proposed during such recoupment period, the provisions of this Article VI.B. shall be applicable as between said Consenting Parties in said well.

5 During the period of time Consenting Parties are entitled to receive Non-Consenting Party's share of production, or the proceeds therefrom, Consenting Parties shall be responsible for the payment of all production, severance, excise, gathering and other taxes, and all royalty, overriding royalty and other burdens applicable to Non-Consenting Party's share of production not excepted by Article III.D.

6 In the case of any reworking, plugging back or deeper drilling operation, the Consenting Parties shall be permitted to use, free of cost, all casing, tubing and other equipment in the well, but the ownership of all such equipment shall remain unchanged; and upon abandonment of a well after such reworking, plugging back or deeper drilling, the Consenting Parties shall account for all such equipment to the owners thereof, with each party receiving its proportionate part in kind or in value, less cost of salvage.

7 Within sixty (60) days after the completion of any operation under this Article, the party conducting the operations for the Consenting Parties shall furnish each Non-Consenting Party with an inventory of the equipment in and connected to the well, and an itemized statement of the cost of drilling, deepening, plugging back, testing, completing, and equipping the well for production; or, at its option, the operating party, in lieu of an itemized statement of such costs of operation, may submit a detailed statement of monthly billings. Each month thereafter, during the time the Consenting Parties are being reimbursed as provided above, the party conducting the operations for the Consenting Parties shall furnish the Non-Consenting Parties with an itemized statement of all costs and liabilities incurred in the operation of the well, together with a statement of the quantity of oil and gas produced from it and the amount of proceeds realized from the sale of the well's working interest production during the preceding month. In determining the quantity of oil and gas produced during any month, Consenting Parties shall use industry accepted methods such as, but not limited to, metering or periodic well tests. Any amount realized from the sale or other disposition of equipment newly acquired in connection with any such operation which would have been owned by a Non-Consenting Party had it participated therein shall be credited against the total unreturned costs of the work done and of the equipment purchased in determining when the interest of such Non-Consenting Party shall revert to it as above provided; and if there is a credit balance, it shall be paid to such Non-Consenting Party.

## ARTICLE VI

(continued)

If and when the Consenting Parties recover from a Non-Consenting Party's relinquished interest the amounts provided for above, the relinquished interests of such Non-Consenting Party shall automatically revert to it, and, from and after such reversion, such Non-Consenting Party shall own the same interest in such well, the material and equipment in or pertaining thereto, and the production therefrom as such Non-Consenting Party would have been entitled to had it participated in the drilling, reworking, deepening or plugging back of said well. Thereafter, such Non-Consenting Party shall be charged with and shall pay its proportionate part of the further costs of the operation of said well in accordance with the terms of this agreement and the Accounting Procedure attached hereto.

Notwithstanding the provisions of this Article VI.B.2., it is agreed that without the mutual consent of all parties, no wells shall be completed in or produced from a source of supply from which a well located elsewhere on the Contract Area is producing, unless such well conforms to the then-existing well spacing pattern for such source of supply.

The provisions of this Article shall have no application whatsoever to the drilling of the initial well described in Article VI.A. except (a) as to Article VII.D.1. (Option No. 2), if selected, or (b) as to the reworking, deepening and plugging back of such initial well after it has been drilled to the depth specified in Article VI.A. if it shall thereafter prove to be a dry hole or, if initially completed for production, ceases to produce in paying quantities.

3. Stand-By Time: When a well which has been drilled or deepened has reached its authorized depth and all tests have been completed, and the results thereof furnished to the parties, stand-by costs incurred pending response to a party's notice proposing a reworking, deepening, plugging back or completing operation in such a well shall be charged and borne as part of the drilling or deepening operation just completed. Stand-by costs subsequent to all parties responding, or expiration of the response time permitted, whichever first occurs, and prior to agreement as to the participating interests of all Consenting Parties pursuant to the terms of the second grammatical paragraph of Article VI.B.2, shall be charged to and borne as part of the proposed operation, but if the proposal is subsequently withdrawn because of insufficient participation, such stand-by costs shall be allocated between the Consenting Parties in the proportion each Consenting Party's interest as shown on Exhibit "A" bears to the total interest as shown on Exhibit "A" of all Consenting Parties.

4. Sidetracking: Except as hereinafter provided, those provisions of this agreement applicable to a "deepening" operation shall also be applicable to any proposal to directionally control and intentionally deviate a well from vertical so as to change the bottom hole location (herein called "sidetracking"), unless done to straighten the hole or to drill around junk in the hole or because of other mechanical difficulties. Any party having the right to participate in a proposed sidetracking operation that does not own an interest in the affected well bore at the time of the notice shall, upon electing to participate, tender to the well bore owners its proportionate share (equal to its interest in the sidetracking operation) of the value of that portion of the existing well bore to be utilized as follows:

(a) If the proposal is for sidetracking an existing dry hole, reimbursement shall be on the basis of the actual costs incurred in the initial drilling of the well down to the depth at which the sidetracking operation is initiated.

(b) If the proposal is for sidetracking a well which has previously produced, reimbursement shall be on the basis of the well's salvable materials and equipment down to the depth at which the sidetracking operation is initiated, determined in accordance with the provisions of Exhibit "C", less the estimated cost of salvaging and the estimated cost of plugging and abandoning.

In the event that notice for a sidetracking operation is given while the drilling rig to be utilized is on location, the response period shall be limited to forty-eight (48) hours, exclusive of Saturday, Sunday and legal holidays; provided, however, any party may request and receive up to eight (8) additional days after expiration of the forty-eight (48) hours within which to respond by paying for all stand-by time incurred during such extended response period. If more than one party elects to take such additional time to respond to the notice, stand-by costs shall be allocated between the parties taking additional time to respond on a day-to-day basis in the proportion each electing party's interest as shown on Exhibit "A" bears to the total interest as shown on Exhibit "A" of all the electing parties. In all other instances the response period to a proposal for sidetracking shall be limited to thirty (30) days.

## C. TAKING PRODUCTION IN KIND:

Each party shall take in kind or separately dispose of its proportionate share of all oil and gas produced from the Contract Area, exclusive of production which may be used in development and producing operations and in preparing and treating oil and gas for marketing purposes and production unavoidably lost. Any extra expenditure incurred in the taking in kind or separate disposition by any party of its proportionate share of the production shall be borne by such party. Any party taking its share of production in kind shall be

## ARTICLE VI

continued

required to pay for only its proportionate share of such part of Operator's surface facilities which it uses.

Each party shall execute such division orders and contracts as may be necessary for the sale of its interest in production from the Contract Area, and, except as provided in Article VII.B., shall be entitled to receive payment directly from the purchaser thereof for its share of all production.

In the event any party shall fail to make the arrangements necessary to take in kind or separately dispose of its proportionate share of the oil and gas produced from the Contract Area, Operator shall have the right, subject to the revocation at will by the party owning it, but not the obligation, to purchase such oil and gas or sell it to others at any time and from time to time, for the account of the non-taking party at the best price obtainable in the area for such production. Any such purchase or sale by Operator shall be subject always to the right of the owner of the production to exercise at any time its right to take in kind, or separately dispose of, its share of all oil and gas not previously delivered to a purchaser. Any purchase or sale by Operator of any other party's share of oil and gas shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the particular circumstances, but in no event for a period in excess of one (1) year. Notwithstanding the foregoing, Operator shall not make a sale, including one into interstate commerce, of any other party's share of gas production without first giving such other party thirty (30) days notice of such intended sale.

D. Access to Contract Area and Information:

Each party shall have access to the Contract Area at all reasonable times, at its sole cost and risk to inspect or observe operations, and shall have access at reasonable times to information pertaining to the development or operation thereof, including Operator's books and records relating thereto. Operator, upon request, shall furnish each of the other parties with copies of all forms or reports filed with governmental agencies, daily drilling reports, well logs, tank tables, daily gauge and run tickets and reports of stock on hand at the first of each month, and shall make available samples of any cores or cuttings taken from any well drilled on the Contract Area. The cost of gathering and furnishing information to Non-Operator, other than that specified above, shall be charged to the Non-Operator that requests the information.

E. Abandonment of Wells:

1. Abandonment of Dry Holes: Except for any well drilled or deepened pursuant to Article VI.B.2., any well which has been drilled or deepened under the terms of this agreement and is proposed to be completed as a dry hole shall not be plugged and abandoned without the consent of all parties. Should Operator, after diligent effort, be unable to contact any party, or should any party fail to reply within forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) after receipt of notice of the proposal to plug and abandon such well, such party shall be deemed to have consented to the proposed abandonment. All such wells shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of the parties who participated in the cost of drilling or deepening such well. Any party who objects to plugging and abandoning such well shall have the right to take over the well and conduct further operations in search of oil and/or gas subject to the provisions of Article VI.B.

2. Abandonment of Wells that have Produced: Except for any well in which a Non-Consent operation has been conducted hereunder for which the Consenting Parties have not been fully reimbursed as herein provided, any well which has been completed as a producer shall not be plugged and abandoned without the consent of all parties. If all parties consent to such abandonment, the well shall be plugged and abandoned in accordance with applicable regulations and at the cost, risk and expense of all the parties hereto. If, within thirty (30) days after receipt of notice of the proposed abandonment of any well, all parties do not agree to the abandonment of such well, those wishing to continue its operation from the interval(s) of the formation(s) then open to production shall tender to each of the other parties its proportionate share of the value of the well's salvable material and equipment, determined in accordance with the provisions of Exhibit "C", less the estimated cost of salvaging and the estimated cost of plugging and abandoning. Each abandoning party shall assign the non-abandoning parties, without warranty, express or implied, as to title or as to quantity, or fitness for use of the equipment and material, all of its interest in the well and related equipment, together with its interest in the leasehold estate as to, but only as to, the interval or intervals of the formation or formations then open to production. If the interest of the abandoning party is or includes an oil and gas interest, such party shall execute and deliver to the non-abandoning party or parties an oil and gas lease, limited to the interval or intervals of the formation or formations then open to production, for a term of one (1) year and so long thereafter as oil and/or gas is produced from the interval or intervals of the formation or formations covered thereby, such lease to be on the form attached as Exhibit

## ARTICLE VI

(continued)

"B". The assignments or leases so limited shall encompass the "drilling unit" upon which the well is located. The payments by, and the assignments or leases to, the assignees shall be in a ratio based upon the relationship of their respective percentage of participation in the Contract Area to the aggregate of the percentages of participation in the Contract Area of all assignees. There shall be no readjustment of interests in the remaining portion of the Contract Area.

Thereafter, abandoning parties shall have no further responsibility, liability, or interest in the operation of or production from the well in the interval or intervals then open other than the royalties retained in any lease made under the terms of this Article. Upon request, Operator shall continue to operate the assigned well for the account of the non-abandoning parties at the rates and charges contemplated by this agreement, plus any additional cost and charges which may arise as the result of the separate ownership of the assigned well. Upon proposed abandonment of the producing interval(s) assigned or leased, the assignor or lessor shall then have the option to repurchase its prior interest in the well (using the same valuation formula) and participate in further operations therein subject to the provisions hereof.

3. Abandonment of Non-Consent Operations: The provisions of Article VI.E.1. or VI.E.2. above shall be applicable as between Consenting Parties in the event of the proposed abandonment of any well excepted from said Articles; provided, however, no well shall be permanently plugged and abandoned unless and until all parties having the right to conduct further operations therein have been notified of the proposed abandonment and afforded the opportunity to elect to take over the well in accordance with the provisions of this Article VI.E.

## ARTICLE VII.

## EXPENDITURES AND LIABILITY OF PARTIES

## A. Liability of Parties:

The liability of the parties shall be several, not joint or collective. Each party shall be responsible only for its obligations, and shall be liable only for its proportionate share of the costs of developing and operating the Contract Area. Accordingly, the liens granted among the parties in Article VII.B. are given to secure only the debts of each severally. It is not the intention of the parties to create, nor shall this agreement be construed as creating, a mining or other partnership or association, or to render the parties liable as partners.

## B. Liens and Payment Defaults:

Each Non-Operator grants to Operator a lien upon its oil and gas rights in the Contract Area, and a security interest in its share of oil and/or gas when extracted and its interest in all equipment, to secure payment of its share of expense, together with interest thereon at the rate provided in Exhibit "C". To the extent that Operator has a security interest under the Uniform Commercial Code of the state, Operator shall be entitled to exercise the rights and remedies of a secured party under the Code. The bringing of a suit and the obtaining of judgment by Operator for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the lien rights or security interest as security for the payment thereof. In addition, upon default by any Non-Operator in the payment of its share of expense, Operator shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from the sale of such Non-Operator's share of oil and/or gas until the amount owed by such Non-Operator, plus interest, has been paid. Each purchaser shall be entitled to rely upon Operator's written statement concerning the amount of any default. Operator grants a like lien and security interest to the Non-Operators to secure payment of Operator's proportionate share of expense.

If any party fails or is unable to pay its share of expense within sixty (60) days after rendition of a statement therefor by Operator, the non-defaulting parties, including Operator, shall, upon request by Operator, pay the unpaid amount in the proportion that the interest of each such party bears to the interest of all such parties. Each party so paying its share of the unpaid amount shall, to obtain reimbursement thereof, be subrogated to the security rights described in the foregoing paragraph.

## C. Payments and Accounting:

Except as herein otherwise specifically provided, Operator shall promptly pay and discharge expenses incurred in the development and operation of the Contract Area pursuant to this agreement and shall charge each of the parties hereto with their respective proportionate shares upon the expense basis provided in Exhibit "C". Operator shall keep an accurate record of the joint account hereunder, showing expenses incurred and charges and credits made and received.

Operator, at its election, shall have the right from time to time to demand and receive from the other parties payment in advance of their respective shares of the estimated amount of the expense to be incurred in operations hereunder during the next succeeding month, which right may be exercised only by submission to each such party of an itemized statement of such estimated expense, together with an invoice for its share thereof. Each such statement and invoice for the payment in advance of estimated expense shall be submitted on or before the 20th day of the next preceding month. Each party shall pay to Operator its proportionate share of such estimate within fifteen (15) days after such estimate and invoice is received. If any party fails to pay its share of said estimate within said time, the amount due shall bear interest as provided in Exhibit "C" until paid. Proper adjustment shall be made monthly between advances and actual expense to the end that each party shall bear and pay its proportionate share of actual expenses incurred, and no more.

## D. Limitation of Expenditures:

1. Drill or Deepen: Without the consent of all parties, no well shall be drilled or deepened, except any well drilled or deepened pursuant to the provisions of Article VI.B.2. of this agreement. Consent to the drilling or deepening shall include:



## ARTICLE VII

(continued)

☐ Option No. 1: All necessary expenditures for the drilling or deepening, testing, completing and equipping of the well, including necessary tankage and/or surface facilities.

☒ Option No. 2: All necessary expenditures for the drilling or deepening and testing of the well. When such well has reached its authorized depth, and all tests have been completed, and the results thereof furnished to the parties, Operator shall give immediate notice to the Non-Operators who have the right to participate in the completion costs. The parties receiving such notice shall have forty-eight (48) hours (exclusive of Saturday, Sunday and legal holidays) in which to elect to participate in the setting of casing and the completion attempt. Such election, when made, shall include consent to all necessary expenditures for the completing and equipping of such well, including necessary tankage and/or surface facilities. Failure of any party receiving such notice to reply within the period above fixed shall constitute an election by that party not to participate in the cost of the completion attempt. If one or more, but less than all of the parties, elect to set pipe and to attempt a completion, the provisions of Article VI.B.2. hereof (the phrase "reworking, deepening or plugging back" as contained in Article VI.B.2. shall be deemed to include "completing") shall apply to the operations thereafter conducted by less than all parties.

2. Rework or Plug Back: Without the consent of all parties, no well shall be reworked or plugged back except a well reworked or plugged back pursuant to the provisions of Article VI.B.2. of this agreement. Consent to the reworking or plugging back of a well shall include all necessary expenditures in conducting such operations and completing and equipping of said well, including necessary tankage and/or surface facilities.

3. Other Operations: Without the consent of all parties, Operator shall not undertake any single project reasonably estimated to require an expenditure in excess of Thirty-five thousand Dollars (\$ 35,000.00) except in connection with a well, the drilling, reworking, deepening, completing, recompleting, or plugging back of which has been previously authorized by or pursuant to this agreement; provided, however, that, in case of explosion, fire, flood or other sudden emergency, whether of the same or different nature, Operator may take such steps and incur such expenses as in its opinion are required to deal with the emergency to safeguard life and property but Operator, as promptly as possible, shall report the emergency to the other parties. If Operator prepares an authority for expenditure (AFE) for its own use, Operator shall furnish any Non-Operator so requesting an information copy thereof for any single project costing in excess of Thirty-five thousand Dollars (\$ 35,000.00) but less than the amount first set forth above in this paragraph.

#### E. Rentals, Shut-in Well Payments and Minimum Royalties:

Rentals, shut-in well payments and minimum royalties which may be required under the terms of any lease shall be paid by the party or parties who subjected such lease to this agreement at its or their expense. In the event two or more parties own and have contributed interests in the same lease to this agreement, such parties may designate one of such parties to make said payments for and on behalf of all such parties. Any party may request, and shall be entitled to receive, proper evidence of all such payments. In the event of failure to make proper payment of any rental, shut-in well payment or minimum royalty through mistake or oversight where such payment is required to continue the lease in force, any loss which results from such non-payment shall be borne in accordance with the provisions of Article IV.B.2.

Operator shall notify Non-Operator of the anticipated completion of a shut-in gas well, or the shutting in or return to production of a producing gas well, at least five (5) days (excluding Saturday, Sunday and legal holidays), or at the earliest opportunity permitted by circumstances, prior to taking such action, but assumes no liability for failure to do so. In the event of failure by Operator to so notify Non-Operator, the loss of any lease contributed hereto by Non-Operator for failure to make timely payments of any shut-in well payment shall be borne jointly by the parties hereto under the provisions of Article IV.B.3.

#### F. Taxes:

Beginning with the first calendar year after the effective date hereof, Operator shall render for ad valorem taxation all property subject to this agreement which by law should be rendered for such taxes, and it shall pay all such taxes assessed thereon before they become delinquent. Prior to the rendition date, each Non-Operator shall furnish Operator information as to burdens (to include, but not be limited to, royalties, overriding royalties and production payments) on leases and oil and gas interests contributed by such Non-Operator. If the assessed valuation of any leasehold estate is reduced by reason of its being subject to outstanding excess royalties, overriding royalties or production payments, the reduction in ad valorem taxes resulting therefrom shall inure to the benefit of the owner or owners of such leasehold estate, and Operator shall adjust the charge to such owner or owners so as to reflect the benefit of such reduction. If the ad valorem taxes are based in whole or in part upon separate valuations of each party's working interest, then notwithstanding anything to the contrary herein, charges to the joint account shall be made and paid by the parties hereto in accordance with the tax value generated by each party's working interest. Operator shall bill the other parties for their proportionate shares of all tax payments in the manner provided in Exhibit "C".

If Operator considers any tax assessment improper, Operator may, at its discretion, protest within the time and manner prescribed by law, and prosecute the protest to a final determination, unless all parties agree to abandon the protest prior to final determination. During the pendency of administrative or judicial proceedings, Operator may elect to pay, under protest, all such taxes and any interest and penalty. When any such protested assessment shall have been finally determined, Operator shall pay the tax for the joint account, together with any interest and penalty accrued, and the total cost shall then be assessed against the parties, and be paid by them, as provided in Exhibit "C".

Each party shall pay or cause to be paid all production, severance, excise, gathering and other taxes imposed upon or with respect to the production or handling of such party's share of oil and/or gas produced under the terms of this agreement.

## ARTICLE VII

continued

## G. Insurance:

At all times while operations are conducted hereunder, Operator shall comply with the workmen's compensation law of the state where the operations are being conducted; provided, however, that Operator may be a self-insurer for liability under said compensation laws in which event the only charge that shall be made to the joint account shall be as provided in Exhibit "C". Operator shall also carry or provide insurance for the benefit of the joint account of the parties as outlined in Exhibit "D", attached to and made a part hereof. Operator shall require all contractors engaged in work on or for the Contract Area to comply with the workmen's compensation law of the state where the operations are being conducted and to maintain such other insurance as Operator may require.

In the event automobile public liability insurance is specified in said Exhibit "D", or subsequently receives the approval of the parties, no direct charge shall be made by Operator for premiums paid for such insurance for Operator's automotive equipment.

## ARTICLE VIII.

## ACQUISITION, MAINTENANCE OR TRANSFER OF INTEREST

## A. Surrender of Leases:

The leases covered by this agreement, insofar as they embrace acreage in the Contract Area, shall not be surrendered in whole or in part unless all parties consent thereto.

However, should any party desire to surrender its interest in any lease or in any portion thereof, and the other parties do not agree or consent thereto, the party desiring to surrender shall assign, without express or implied warranty of title, all of its interest in such lease, or portion thereof, and any well, material and equipment which may be located thereon and any rights in production thereafter secured, to the parties not consenting to such surrender. If the interest of the assigning party is or includes an oil and gas interest, the assigning party shall execute and deliver to the party or parties not consenting to such surrender an oil and gas lease covering such oil and gas interest for a term of one (1) year and so long thereafter as oil and/or gas is produced from the land covered thereby, such lease to be on the form attached hereto as Exhibit "B". Upon such assignment or lease, the assigning party shall be relieved from all obligations thereafter accruing, but not theretofore accrued, with respect to the interest assigned or leased and the operation of any well attributable thereto, and the assigning party shall have no further interest in the assigned or leased premises and its equipment and production other than the royalties retained in any lease made under the terms of this Article. The party assignee or lessee shall pay to the party assignor or lessor the reasonable salvage value of the latter's interest in any wells and equipment attributable to the assigned or leased acreage. The value of all material shall be determined in accordance with the provisions of Exhibit "C", less the estimated cost of salvaging and the estimated cost of plugging and abandoning. If the assignment or lease is in favor of more than one party, the interest shall be shared by such parties in the proportions that the interest of each bears to the total interest of all such parties.

Any assignment, lease or surrender made under this provision shall not reduce or change the assignor's, lessor's or surrendering party's interest as it was immediately before the assignment, lease or surrender in the balance of the Contract Area; and the acreage assigned, leased or surrendered, and subsequent operations thereon, shall not thereafter be subject to the terms and provisions of this agreement.

## B. Renewal or Extension of Leases:

If any party secures a renewal of any oil and gas lease subject to this agreement, all other parties shall be notified promptly, and shall have the right for a period of thirty (30) days following receipt of such notice in which to elect to participate in the ownership of the renewal lease, insofar as such lease affects lands within the Contract Area, by paying to the party who acquired it their several proper proportionate shares of the acquisition cost allocated to that part of such lease within the Contract Area, which shall be in proportion to the interests held at that time by the parties in the Contract Area.

If some, but less than all, of the parties elect to participate in the purchase of a renewal lease, it shall be owned by the parties who elect to participate therein, in a ratio based upon the relationship of their respective percentage of participation in the Contract Area to the aggregate of the percentages of participation in the Contract Area of all parties participating in the purchase of such renewal lease. Any renewal lease in which less than all parties elect to participate shall not be subject to this agreement.

Each party who participates in the purchase of a renewal lease shall be given an assignment of its proportionate interest therein by the acquiring party.

The provisions of this Article shall apply to renewal leases whether they are for the entire interest covered by the expiring lease or cover only a portion of its area or an interest therein. Any renewal lease taken before the expiration of its predecessor lease, or taken or contracted for within six (6) months after the expiration of the existing lease shall be subject to this provision; but any lease taken or contracted for more than six (6) months after the expiration of an existing lease shall not be deemed a renewal lease and shall not be subject to the provisions of this agreement.

The provisions in this Article shall also be applicable to extensions of oil and gas leases.

## C. Acreage or Cash Contributions:

While this agreement is in force, if any party contracts for a contribution of cash towards the drilling of a well or any other operation on the Contract Area, such contribution shall be paid to the party who conducted the drilling or other operation and shall be applied by it against the cost of such drilling or other operation. If the contribution be in the form of acreage, the party to whom the contribution is made shall promptly tender an assignment of the acreage, without warranty of title, to the Drilling Parties in the proportions

## ARTICLE VIII

continued

1 said Drilling Parties shared the cost of drilling the well. Such acreage shall become a separate Contract Area and, to the extent possible, be  
2 governed by provisions identical to this agreement. Each party shall promptly notify all other parties of any acreage or cash contributions  
3 it may obtain in support of any well or any other operation on the Contract Area. The above provisions shall also be applicable to op-  
4 tional rights to earn acreage outside the Contract Area which are in support of a well drilled inside the Contract Area.

6 If any party contracts for any consideration relating to disposition of such party's share of substances produced hereunder, such  
7 consideration shall not be deemed a contribution as contemplated in this Article VIII.C.

## D. Maintenance of Uniform Interest:

11 For the purpose of maintaining uniformity of ownership in the oil and gas leasehold interests covered by this agreement, no  
12 party shall sell, encumber, transfer or make other disposition of its interest in the leases embraced within the Contract Area and in wells,  
13 equipment and production unless such disposition covers either:

- 15 1. the entire interest of the party in all leases and equipment and production; or
- 17 2. an equal undivided interest in all leases and equipment and production in the Contract Area.

19 Every such sale, encumbrance, transfer or other disposition made by any party shall be made expressly subject to this agreement  
20 and shall be made without prejudice to the right of the other parties.

22 If, at any time the interest of any party is divided among and owned by four or more co-owners, Operator, at its discretion, may  
23 require such co-owners to appoint a single trustee or agent with full authority to receive notices, approve expenditures, receive billings for  
24 and approve and pay such party's share of the joint expenses, and to deal generally with, and with power to bind, the co-owners of such  
25 party's interest within the scope of the operations embraced in this agreement; however, all such co-owners shall have the right to enter  
26 into and execute all contracts or agreements for the disposition of their respective shares of the oil and gas produced from the Contract  
27 Area and they shall have the right to receive, separately, payment of the sale proceeds thereof.

## E. Waiver of Rights to Partition:

31 If permitted by the laws of the state or states in which the property covered hereby is located, each party hereto owning an  
32 undivided interest in the Contract Area waives any and all rights it may have to partition and have set aside to it in severalty its undivided  
33 interest therein.

~~F. Preferential Right to Purchase:~~

~~37 Should any party desire to sell all or any part of its interests under this agreement, or its rights and interests in the Contract  
38 Area, it shall promptly give written notice to the other parties, with full information concerning its proposed sale, which shall include the  
39 name and address of the prospective purchaser (who must be ready, willing and able to purchase), the purchase price, and all other terms  
40 of the offer. The other parties shall then have an optional prior right, for a period of ten (10) days after receipt of the notice, to purchase  
41 on the same terms and conditions the interest which the other party proposes to sell; and, if this optional right is exercised, the purchas-  
42 ing parties shall share the purchased interest in the proportions that the interest of each bears to the total interest of all purchasing par-  
43 ties. However, there shall be no preferential right to purchase in those cases where any party wishes to mortgage its interests, or to  
44 dispose of its interests by merger, reorganization, consolidation, or sale of all or substantially all of its assets to a subsidiary or parent com-  
45 pany or to a subsidiary of a parent company, or to any company in which any one party owns a majority of the stock.~~

## ARTICLE IX.

## INTERNAL REVENUE CODE ELECTION

50 This agreement is not intended to create, and shall not be construed to create, a relationship of partnership or an association  
51 for profit between or among the parties hereto. Notwithstanding any provision herein that the rights and liabilities hereunder are several  
52 and not joint or collective, or that this agreement and operations hereunder shall not constitute a partnership, if, for federal income tax  
53 purposes, this agreement and the operations hereunder are regarded as a partnership, each party hereby affected elects to be excluded  
54 from the application of all of the provisions of Subchapter "K", Chapter 1, Subtitle "A", of the Internal Revenue Code of 1954, as per-  
55 mitted and authorized by Section 761 of the Code and the regulations promulgated thereunder. Operator is authorized and directed to ex-  
56 ecute on behalf of each party hereby affected such evidence of this election as may be required by the Secretary of the Treasury of the  
57 United States or the Federal Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements,  
58 and the data required by Federal Regulations 1.761. Should there be any requirement that each party hereby affected give further  
59 evidence of this election, each such party shall execute such documents and furnish such other evidence as may be required by the  
60 Federal Internal Revenue Service or as may be necessary to evidence this election. No such party shall give any notices or take any other  
61 action inconsistent with the election made hereby. If any present or future income tax laws of the state or states in which the Contract  
62 Area is located or any future income tax laws of the United States contain provisions similar to those in Subchapter "K", Chapter 1,  
63 Subtitle "A", of the Internal Revenue Code of 1954, under which an election similar to that provided by Section 761 of the Code is per-  
64 mitted, each party hereby affected shall make such election as may be permitted or required by such laws. In making the foregoing elec-  
65 tion, each such party states that the income derived by such party from operations hereunder can be adequately determined without the  
66 computation of partnership taxable income.

ARTICLE X.  
CLAIMS AND LAWSUITS

Operator may settle any single uninsured third party damage claim or suit arising from operations hereunder if the expenditure does not exceed Ten thousand Dollars (\$ 10,000.00 ) and if the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above amount, the parties hereto shall assume and take over the further handling of the claim or suit, unless such authority is delegated to Operator. All costs and expenses of handling, settling, or otherwise discharging such claim or suit shall be at the joint expense of the parties participating in the operation from which the claim or suit arises. If a claim is made against any party or if any party is sued on account of any matter arising from operations hereunder over which such individual has no control because of the rights given Operator by this agreement, such party shall immediately notify all other parties, and the claim or suit shall be treated as any other claim or suit involving operations hereunder.

ARTICLE XI.  
FORCE MAJEURE

If any party is rendered unable, wholly or in part, by force majeure to carry out its obligations under this agreement, other than the obligation to make money payments, that party shall give to all other parties prompt written notice of the force majeure with reasonably full particulars concerning it; thereupon, the obligations of the party giving the notice, so far as they are affected by the force majeure, shall be suspended during, but no longer than, the continuance of the force majeure. The affected party shall use all reasonable diligence to remove the force majeure situation as quickly as practicable.

The requirement that any force majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes, lockouts, or other labor difficulty by the party involved, contrary to its wishes; how all such difficulties shall be handled shall be entirely within the discretion of the party concerned.

The term "force majeure", as here employed, shall mean an act of God, strike, lockout, or other industrial disturbance, act of the public enemy, war, blockade, public riot, lightning, fire, storm, flood, explosion, governmental action, governmental delay, restraint or inaction, unavailability of equipment, and any other cause, whether of the kind specifically enumerated above or otherwise, which is not reasonably within the control of the party claiming suspension.

ARTICLE XII.  
NOTICES

All notices authorized or required between the parties and required by any of the provisions of this agreement, unless otherwise specifically provided, shall be given in writing by mail or telegram, postage or charges prepaid, or by telex or telecopier and addressed to the parties to whom the notice is given at the addresses listed on Exhibit "A". The originating notice given under any provision hereof shall be deemed given only when received by the party to whom such notice is directed, and the time for such party to give any notice in response thereto shall run from the date the originating notice is received. The second or any responsive notice shall be deemed given when deposited in the mail or with the telegraph company, with postage or charges prepaid, or sent by telex or telecopier. Each party shall have the right to change its address at any time, and from time to time, by giving written notice thereof to all other parties.

ARTICLE XIII.  
TERM OF AGREEMENT

This agreement shall remain in full force and effect as to the oil and gas leases and/or oil and gas interests subject hereto for the period of time selected below; provided, however, no party hereto shall ever be construed as having any right, title or interest in or to any lease or oil and gas interest contributed by any other party beyond the term of this agreement.

☐ ~~Option No. 1: So long as any of the oil and gas leases subject to this agreement remain or are continued in force as to any part of the Contract Area, whether by production, extension, renewal or otherwise.~~

☒ Option No. 2: In the event the well described in Article VI.A., or any subsequent well drilled under any provision of this agreement, results in production of oil and/or gas in paying quantities, this agreement shall continue in force so long as any such well or wells produce, or are capable of production, and for an additional period of 90 days from cessation of all production; provided, however, if, prior to the expiration of such additional period, one or more of the parties hereto are engaged in drilling, reworking, deepening, plugging back, testing or attempting to complete a well or wells hereunder, this agreement shall continue in force until such operations have been completed and if production results therefrom, this agreement shall continue in force as provided herein. In the event the well described in Article VI.A., or any subsequent well drilled hereunder, results in a dry hole, and no other well is producing, or capable of producing oil and/or gas from the Contract Area, this agreement shall terminate unless drilling, deepening, plugging back or reworking operations are commenced within 90 days from the date of abandonment of said well.

It is agreed, however, that the termination of this agreement shall not relieve any party hereto from any liability which has accrued or attached prior to the date of such termination.

## ARTICLE XIV.

## COMPLIANCE WITH LAWS AND REGULATIONS

## A. Laws, Regulations and Orders:

This agreement shall be subject to the conservation laws of the state in which the Contract Area is located, to the valid rules, regulations, and orders of any duly constituted regulatory body of said state; and to all other applicable federal, state, and local laws, ordinances, rules, regulations, and orders.

## B. Governing Law:

This agreement and all matters pertaining hereto, including, but not limited to, matters of performance, non-performance, breach, remedies, procedures, rights, duties and interpretation or construction, shall be governed and determined by the law of the state in which the Contract Area is located. If the Contract Area is in two or more states, the law of the state of New Mexico shall govern.

## C. Regulatory Agencies:

Nothing herein contained shall grant, or be construed to grant, Operator the right or authority to waive or release any rights, privileges, or obligations which Non-Operators may have under federal or state laws or under rules, regulations or orders promulgated under such laws in reference to oil, gas and mineral operations, including the location, operation, or production of wells, on tracts offsetting or adjacent to the Contract Area.

With respect to operations hereunder, Non-Operators agree to release Operator from any and all losses, damages, injuries, claims and causes of action arising out of, incident to or resulting directly or indirectly from Operator's interpretation or application of rules, rulings, regulations or orders of the Department of Energy or predecessor or successor agencies to the extent such interpretation or application was made in good faith. Each Non-Operator further agrees to reimburse Operator for any amounts applicable to such Non-Operator's share of production that Operator may be required to refund, rebate or pay as a result of such an incorrect interpretation or application, together with interest and penalties thereon owing by Operator as a result of such incorrect interpretation or application.

Non-Operators authorize Operator to prepare and submit such documents as may be required to be submitted to the purchaser of any crude oil sold hereunder or to any other person or entity pursuant to the requirements of the "Crude Oil Windfall Profit Tax Act of 1980", as same may be amended from time to time ("Act"), and any valid regulations or rules which may be issued by the Treasury Department from time to time pursuant to said Act. Each party hereto agrees to furnish any and all certifications or other information which is required to be furnished by said Act in a timely manner and in sufficient detail to permit compliance with said Act.

## ARTICLE XV.

## OTHER PROVISIONS

A. Creation of Subsequent Interest

Notwithstanding the provisions of Article VIII. D. hereof, the parties hereto agree that if any party shall hereafter create any Overriding Royalty, Production Payment, or other burden against its working interest production and if any party or parties shall conduct non-consent operations pursuant to any provision of this agreement, and, as a result, become entitled to receive the working interest production otherwise belonging to the non-participating party, the party or parties entitled to receive the working interest production of the non-participating party shall receive such production free and clear of burdens against such production which may have been created subsequent to this agreement. In this regard, any such interest which may have been created subsequent to this agreement shall ipso facto terminate and vest in the consenting parties.

B. Hearings Before Regulatory Agencies

All costs and expenses incurred in connection with the employment of counsel and/or technical experts for the purpose of preparing for and conducting any hearing before any State Regulatory Agency are hereby authorized and shall be charged to the joint account as an item of operating expense. In the case of a Forced Pooling action, such costs and expenses shall be born and paid by the party or parties who have previously agreed to share same or whose interest is increased as a result of such action. Such costs and expenses shall be born on the basis of the relative participation of such parties as set forth on Exhibit "A".

C. Natural Gas Price Rules

- Operator shall file all Applications for Determination of Price Category required by the Natural Gas Policy Act (NGPA). Operator shall give notice of the filing of such Applications to all Non-Operators. If for any reason the Application for Determination of Price Category filed by the Operator is unsatisfactory to a Non-Operator, then such Non-Operator shall

notify Operator of his dissatisfaction and the reasons therefore. If Operator and the dissatisfied Non-Operator are unable to reach an agreement as to the disputed Application for Determination of Price Category, then, if allowed by the appropriate jurisdictional agency such Non-Operator may file a separate application for Determination of Price Category. The Non-Operator shall mail a copy of this application to Operator and to all Non-Operators in the Contract Area.

2. Operator is hereby authorized to make any and all filings under the NGPA which can be made on behalf of the Non-Operators under the NGPA and the regulations promulgated thereunder. Said filings shall include, but not be limited to, "interim collection" filings under Part 273 of the regulations implementing the NGPA.
3. Operator is authorized to employ counsel and technical experts which, in the Operator's discretion, are reasonably necessary for the preparation of any and all NGPA filings. All costs incurred in the employment of such counsel and technical experts shall be deemed a cost and expense incurred in the operation of the Contract Area and shall be charged to the joint account as an item of operating expense.

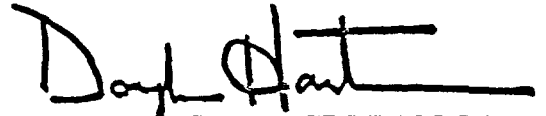
ARTICLE XVI.  
MISCELLANEOUS

This agreement shall be binding upon and shall inure to the benefit of the parties hereto and to their respective heirs, devisees, legal representatives, successors and assigns.

This instrument may be executed in any number of counterparts, each of which shall be considered an original for all purposes.

IN WITNESS WHEREOF, this agreement shall be effective as of 27th day of March, 19 85.

OPERATOR



Doyle Hartman

NON-OPERATORS

Robert C. Scott

Arlene S. Anthony

Marilyn Tarlton, Trustee

EXHIBIT "A"

Attached to and made a part of the Operating  
Agreement dated March 27, 1985  
and covering NW/4 Section 8  
T-24-S, R-37-E  
County, New Mexico between DOYLE HARTMAN as  
Operator and Robert C. Scott, et al  
as Non-Operators.

I. a) Land Subject to Agreement

NW/4 Section 8, T-24-S, R-37-E

b) Depth Limitations

From the surface to the base of the Jalmat (Gas)  
formation.

c) Drilling (Proration) Unit for Initial Test

NW/4 Section 8, T-24-S, R-37-E

II. Percentages of Interests and Addresses of Parties

Doyle Hartman	58.333334
Robert C. Scott 2826 East Oakland Park Blvd. Ft. Lauderdale, Florida 33306	8.333333
Arlene S. Anthony 721 Chatham Road Olenville, Illinois 60025	8.333333
Marilyn A. Tarlton, Trustee Surviving Trustors Trust of the Lortscher Family Trust 14 Middlesbury Lane. Los Altos, California 94022	25.000000



## EXHIBIT " C "

Attached to and made a part of the Operating Agreement dated  
March 27, 1985 and covering the  
NW/4 Section 8, T-24-S, R-37-E

# ACCOUNTING PROCEDURE JOINT OPERATIONS

## I. GENERAL PROVISIONS

### 1. Definitions

"Joint Property" shall mean the real and personal property subject to the agreement to which this Accounting Procedure is attached.

"Joint Operations" shall mean all operations necessary or proper for the development, operation, protection and maintenance of the Joint Property.

"Joint Account" shall mean the account showing the charges paid and credits received in the conduct of the Joint Operations and which are to be shared by the Parties.

"Operator" shall mean the party designated to conduct the Joint Operations.

"Non-Operators" shall mean the parties to this agreement other than the Operator.

"Parties" shall mean Operator and Non-Operators.

"First Level Supervisors" shall mean those employees whose primary function in Joint Operations is the direct supervision of other employees and/or contract labor directly employed on the Joint Property in a field operating capacity.

"Technical Employees" shall mean those employees having special and specific engineering, geological or other professional skills, and whose primary function in Joint Operations is the handling of specific operating conditions and problems for the benefit of the Joint Property.

"Personal Expenses" shall mean travel and other reasonable reimbursable expenses of Operator's employees.

"Material" shall mean personal property, equipment or supplies acquired or held for use on the Joint Property.

"Controllable Material" shall mean Material which at the time is so classified in the Material Classification Manual as most recently recommended by the Council of Petroleum Accountants Societies of North America.

### 2. Statement and Billings

Operator shall bill Non-Operators on or before the last day of each month for their proportionate share of the Joint Account for the preceding month. Such bills will be accompanied by statements which identify the authority for expenditure, lease or facility, and all charges and credits, summarized by appropriate classifications of investment and expense except that items of Controllable Material and unusual charges and credits shall be separately identified and fully described in detail.

### 3. Advances and Payments by Non-Operators

Unless otherwise provided for in the agreement, the Operator may require the Non-Operators to advance their share of estimated cash outlay for the succeeding month's operation. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators. prime rate plus 1.25%

Each Non-Operator shall pay its proportion of all bills within fifteen (15) days after receipt. If payment is not made within such time, the unpaid balance shall bear interest monthly at the rate of ~~twelve percent (12%)~~ per annum or the maximum contract rate permitted by the applicable usury laws in the state in which the Joint Property is located, whichever is the lesser, plus attorney's fees, court costs, and other costs in connection with the collection of unpaid amounts.

### 4. Adjustments

Payment of any such bills shall not prejudice the right of any Non-Operator to protest or question the correctness thereof; provided, however, all bills and statements rendered to Non-Operators by Operator during any calendar year shall conclusively be presumed to be true and correct after twenty-four (24) months following the end of any such calendar year, unless within the said twenty-four (24) month period a Non-Operator takes written exception thereto and makes claim on Operator for adjustment. No adjustment favorable to Operator shall be made unless it is made within the same prescribed period. The provisions of this paragraph shall not prevent adjustments resulting from a physical inventory of Controllable Material as provided for in Section V.

### 5. Audits

A. Non-Operator, upon notice in writing to Operator and all other Non-Operators, shall have the right to audit Operator's accounts and records relating to the Joint Account for any calendar year within the twenty-four (24) month period following the end of such calendar year; provided, however, the making of an audit shall not extend the time for the taking of written exception to and the adjustments of accounts as provided for in Paragraph 4 of this Section I. Where there are two or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct joint or simultaneous audits in a manner which will result in a minimum of inconvenience to the Operator. Operator shall bear no portion of the Non-Operators' audit cost incurred under this paragraph unless agreed to by the Operator.

### 6. Approval by Non-Operators

Where an approval or other agreement of the Parties or Non-Operators is expressly required under other sections of this Accounting Procedure and if the agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, Operator shall notify all Non-Operators of the Operator's proposal, and the agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.

## II. DIRECT CHARGES

Operator shall charge the Joint Account with the following items:

### 1. Rentals and Royalties

Lease rentals and royalties paid by Operator for the Joint Operations.

### 2. Labor

- A. (1) Salaries and wages of Operator's field employees directly employed on the Joint Property in the conduct of Joint Operations.
- (2) Salaries of First Level Supervisors in the field.
- (3) Salaries and wages of Technical Employees directly employed on the Joint Property if such charges are excluded from the Overhead rates.
- B. Operator's cost of holiday, vacation, sickness and disability benefits and other customary allowances paid to employees whose salaries and wages are chargeable to the Joint Account under Paragraph 2A of this Section II. Such costs under this Paragraph 2B may be charged on a "when and as paid basis" or by "percentage assessment" on the amount of salaries and wages chargeable to the Joint Account under Paragraph 2A of this Section II. If percentage assessment is used, the rate shall be based on the Operator's cost experience.
- C. Expenditures or contributions made pursuant to assessments imposed by governmental authority which are applicable to Operator's costs chargeable to the Joint Account under Paragraphs 2A and 2B of this Section II.
- D. Personal Expenses of those employees whose salaries and wages are chargeable to the Joint Account under Paragraph 2A of this Section II.

### 3. Employee Benefits

Operator's current costs of established plans for employees' group life insurance, hospitalization, pension, retirement, stock purchase, thrift, bonus, and other benefit plans of a like nature, applicable to Operator's labor cost chargeable to the Joint Account under Paragraphs 2A and 2B of this Section II shall be Operator's actual cost not to exceed ~~twenty per cent (20%)~~ twenty-six percent (26%) or percent most recently recommended by the Council of Petroleum Accountant Society of North America.

### 4. Material

Material purchased or furnished by Operator for use on the Joint Property as provided under Section IV. Only such Material shall be purchased for or transferred to the Joint Property as may be required for immediate use and is reasonably practical and consistent with efficient and economical operations. The accumulation of surplus stocks shall be avoided.

### 5. Transportation

Transportation of employees and Material necessary for the Joint Operations but subject to the following limitations:

- A. If Material is moved to the Joint Property from the Operator's warehouse or other properties, no charge shall be made to the Joint Account for a distance greater than the distance from the nearest reliable supply store, recognized barge terminal, or railway receiving point where like material is normally available, unless agreed to by the Parties., except as specifically authorized by Article XV A.1. of the Operating Agreement to which this Exhibit is attached.
- B. If surplus Material is moved to Operator's warehouse or other storage point, no charge shall be made to the Joint Account for a distance greater than the distance to the nearest reliable supply store, recognized barge terminal, or railway receiving point unless agreed to by the Parties. No charge shall be made to the Joint Account for moving Material to other properties belonging to Operator, unless agreed to by the Parties.
- C. In the application of Subparagraphs A and B above, there shall be no equalization of actual gross trucking cost of \$200 or less excluding accessorial charges.

### 6. Services

The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph 9 of Section II and Paragraph 1. ii of Section III. The cost of professional consultant services and contract services of technical personnel directly engaged on the Joint Property if such charges are excluded from the Overhead rates. The cost of professional consultant services or contract services of technical personnel not directly engaged on the Joint Property shall not be charged to the Joint Account unless previously agreed to by the Parties.

### 7. Equipment and Facilities Furnished by Operator

- A. Operator shall charge the Joint Account for use of Operator owned equipment and facilities at rates commensurate with costs of ownership and operation. Such rates shall include costs of maintenance, repairs, other operating expense, insurance, taxes, depreciation, and interest on investment not to exceed eight per cent (8%) per annum. Such rates shall not exceed average commercial rates currently prevailing in the immediate area of the Joint Property.
- B. In lieu of charges in Paragraph 7A above, Operator may elect to use average commercial rates prevailing in the immediate area of the Joint Property less 20%. For automotive equipment, Operator may elect to use rates published by the Petroleum Motor Transport Association.

### 8. Damages and Losses to Joint Property

All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or losses incurred by fire, flood, storm, theft, accident, or other cause, except those resulting from Operator's gross negligence or willful misconduct. Operator shall furnish Non-Operator written notice of damages or losses incurred as soon as practicable after a report thereof has been received by Operator.

### 9. Legal Expense

Expense of handling, investigating and settling litigation or claims, discharging of liens, payment of judgments and amounts paid for settlement of claims incurred in or resulting from operations under the agreement or necessary to protect or recover the Joint Property, except that no charge for services of Operator's legal staff or fees or expense of outside attorneys shall be made unless previously agreed to by the Parties. All other legal expense is considered to be covered by the overhead provisions of Section III unless otherwise agreed to by the Parties, except as provided in Section I, Paragraph 3.

## 10. Taxes

All taxes of every kind and nature assessed or levied upon or in connection with the Joint Property, the operation thereof, or the production therefrom, and which taxes have been paid by the Operator for the benefit of the Parties.

## 11. Insurance

Net premiums paid for insurance required to be carried for the Joint Operations for the protection of the Parties. In the event Joint Operations are conducted in a state in which Operator may act as self-insurer for Workmen's Compensation and/or Employers Liability under the respective state's laws, Operator may, at its election, include the risk under its self-insurance program and in that event, Operator shall include a charge at Operator's cost not to exceed manual rates.

## 12. Other Expenditures

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III, and which is incurred by the Operator in the necessary and proper conduct of the Joint Operations.

# III. OVERHEAD

## 1. Overhead - Drilling and Producing Operations

- i. As compensation for administrative, supervision, office services and warehousing costs, Operator shall charge drilling and producing operations on either:

- ( X ) Fixed Rate Basis, Paragraph 1A, or  
( ) Percentage Basis, Paragraph 1B.

Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and salaries or wages plus applicable burdens and expenses of all personnel, except those directly chargeable under Paragraph 2A, Section II. The cost and expense of services from outside sources in connection with matters of taxation, traffic, accounting or matters before or involving governmental agencies shall be considered as included in the Overhead rates provided for in the above selected Paragraph of this Section III unless such cost and expense are agreed to by the Parties as a direct charge to the Joint Account.

- ii. The salaries, wages and Personal Expenses of Technical Employees and/or the cost of professional consultant services and contract services of technical personnel directly employed on the Joint Property shall ( ) shall not ( X ) be covered by the Overhead rates.

### A. Overhead - Fixed Rate Basis

- (1) Operator shall charge the Joint Account at the following rates per well per month:

Drilling Well Rate \$ 5500.00  
Producing Well Rate \$ 550.00

- (2) Application of Overhead - Fixed Rate Basis shall be as follows:

#### (a) Drilling Well Rate

- [1] Charges for onshore drilling wells shall begin on the date the well is spudded and terminate on the date the drilling or completion rig is released, whichever is later, except that no charge shall be made during suspension of drilling operations for fifteen (15) or more consecutive days.  
[2] Charges for offshore drilling wells shall begin on the date when drilling or completion equipment arrives on location and terminate on the date the drilling or completion equipment moves off location or rig is released, whichever occurs first, except that no charge shall be made during suspension of drilling operations for fifteen (15) or more consecutive days  
[3] Charges for wells undergoing any type of workover or recompletion for a period of five (5) consecutive days or more shall be made at the drilling well rate. Such charges shall be applied for the period from date workover operations, with rig, commence through date of rig release, except that no charge shall be made during suspension of operations for fifteen (15) or more consecutive days.

#### (b) Producing Well Rates

- [1] An active well either produced or injected into for any portion of the month shall be considered as a one-well charge for the entire month.  
[2] Each active completion in a multi-completed well in which production is not commingled down hole shall be considered as a one-well charge providing each completion is considered a separate well by the governing regulatory authority.  
[3] An inactive gas well shut in because of overproduction or failure of purchaser to take the production shall be considered as a one-well charge providing the gas well is directly connected to a permanent sales outlet.  
[4] A one-well charge may be made for the month in which plugging and abandonment operations are completed on any well.  
[5] All other inactive wells (including but not limited to inactive wells covered by unit allowable, lease allowable, transferred allowable, etc.) shall not qualify for an overhead charge.  
(3) The well rates shall be adjusted as of the first day of April each year following the effective date of the agreement to which this Accounting Procedure is attached. The adjustment shall be computed by multiplying the rate currently in use by the percentage increase or decrease in the average weekly earnings of Crude Petroleum and Gas Production Workers for the last calendar year compared to the calendar year preceding as shown by the index of average weekly earnings of Crude Petroleum and Gas Fields Production Workers as published by the United States Department of Labor, Bureau of Labor Statistics, or the equivalent Canadian index as published by Statistics Canada, as applicable. The adjusted rates shall be the rates currently in use, plus or minus the computed adjustment.

## B. Overhead - Percentage Basis

(1) Operator shall charge the Joint Account at the following rates:

(a) Development

\_\_\_\_\_ Percent ( %) of the cost of Development of the Joint Property exclusive of costs provided under Paragraph 9 of Section II and all salvage credits.

(b) Operating

\_\_\_\_\_ Percent ( %) of the cost of Operating the Joint Property exclusive of costs provided under Paragraphs 1 and 9 of Section II, all salvage credits, the value of injected substances purchased for secondary recovery and all taxes and assessments which are levied, assessed and paid upon the mineral interest in and to the Joint Property.

(2) Application of Overhead - Percentage Basis shall be as follows:

For the purpose of determining charges on a percentage basis under Paragraph 1B of this Section III, development shall include all costs in connection with drilling, redrilling, deepening or any remedial operations on any or all wells involving the use of drilling crew and equipment; also, preliminary expenditures necessary in preparation for drilling and expenditures incurred in abandoning when the well is not completed as a producer, and original cost of construction or installation of fixed assets, the expansion of fixed assets and any other project clearly discernible as a fixed asset, except Major Construction as defined in Paragraph 2 of this Section III. All other costs shall be considered as Operating.

## ~~2. Overhead - Major Construction~~

~~To compensate Operator for overhead costs incurred in the construction and installation of fixed assets, the expansion of fixed assets, and any other project clearly discernible as a fixed asset required for the development and operation of the Joint Property, Operator shall either negotiate a rate prior to the beginning of construction, or shall charge the Joint Account for Overhead based on the following rates for any Major Construction project in excess of \$ \_\_\_\_\_:~~

~~A. \_\_\_\_\_ % of total costs if such costs are more than \$ \_\_\_\_\_ but less than \$ \_\_\_\_\_; plus~~

~~B. \_\_\_\_\_ % of total costs in excess of \$ \_\_\_\_\_ but less than \$1,000,000; plus~~

~~C. \_\_\_\_\_ % of total costs in excess of \$1,000,000.~~

~~Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single project shall not be treated separately and the cost of drilling and workover wells shall be excluded.~~

## 3. Amendment of Rates

The Overhead rates provided for in this Section III may be amended from time to time only by mutual agreement between the Parties hereto if, in practice, the rates are found to be insufficient or excessive.

## IV. PRICING OF JOINT ACCOUNT MATERIAL PURCHASES, TRANSFERS AND DISPOSITIONS

Operator is responsible for Joint Account Material and shall make proper and timely charges and credits for all material movements affecting the Joint Property. Operator shall provide all Material for use on the Joint Property; however, at Operator's option, such Material may be supplied by the Non-Operator. Operator shall make timely disposition of idle and/or surplus Material, such disposal being made either through sale to Operator or Non-Operator, division in kind, or sale to outsiders. Operator may purchase, but shall be under no obligation to purchase, interest of Non-Operators in surplus condition A or B Material. The disposal of surplus Controllable Material not purchased by the Operator shall be agreed to by the Parties.

### 1. Purchases

Material purchased shall be charged at the price paid by Operator after deduction of all discounts received. In case of Material found to be defective or returned to vendor for any other reason, credit shall be passed to the Joint Account when adjustment has been received by the Operator.

### 2. Transfers and Dispositions

Material furnished to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator, unless otherwise agreed to by the Parties, shall be priced on the following bases exclusive of cash discounts:

#### A. New Material (Condition A)

(1) Tubular goods, except line pipe, shall be priced at the current new price in effect on date of movement on a maximum carload or barge load weight basis, regardless of quantity transferred, equalized to the lowest published price f.o.b. railway receiving point or recognized barge terminal nearest the Joint Property where such Material is normally available.

(2) Line Pipe

(a) Movement of less than 30,000 pounds shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store nearest the Joint Property where such Material is normally available.

(b) Movement of 30,000 pounds or more shall be priced under provisions of tubular goods pricing in Paragraph 2A (1) of this Section IV.

(3) Other Material shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store or f.o.b. railway receiving point nearest the Joint Property where such Material is normally available.

#### B. Good Used Material (Condition B)

Material in sound and serviceable condition and suitable for reuse without reconditioning:

(1) Material moved to the Joint Property

(a) At seventy-five percent (75%) of current new price, as determined by Paragraph 2A of this Section IV.

(2) Material moved from the Joint Property

(a) At seventy-five percent (75%) of current new price, as determined by Paragraph 2A of this Section IV, if Material was originally charged to the Joint Account as new Material, or

- COP
- (b) at sixty-five percent (65%) of current new price, as determined by Paragraph 2A of this Section IV, if Material was originally charged to the Joint Account as good used Material at seventy-five percent (75%) of current new price.

The cost of reconditioning, if any, shall be absorbed by the transferring property.

**C. Other Used Material (Condition C and D)**

**(1) Condition C**

Material which is not in sound and serviceable condition and not suitable for its original function until after reconditioning shall be priced at fifty percent (50%) of current new price as determined by Paragraph 2A of this Section IV. The cost of reconditioning shall be charged to the receiving property, provided Condition C value plus cost of reconditioning does not exceed Condition B value.

**(2) Condition D**

All other Material, including junk, shall be priced at a value commensurate with its use or at prevailing prices. Material no longer suitable for its original purpose but usable for some other purpose, shall be priced on a basis comparable with that of items normally used for such other purpose. Operator may dispose of Condition D Material under procedures normally utilized by the Operator without prior approval of Non-Operators.

**D. Obsolete Material**

Material which is serviceable and usable for its original function but condition and/or value of such Material is not equivalent to that which would justify a price as provided above may be specially priced as agreed to by the Parties. Such price should result in the Joint Account being charged with the value of the service rendered by such Material.

**E. Pricing Conditions**

- (1) Loading and unloading costs may be charged to the Joint Account at the rate of fifteen cents (15¢) per hundred weight on all tubular goods movements, in lieu of loading and unloading costs sustained, when actual hauling cost of such tubular goods are equalized under provisions of Paragraph 5 of Section II.
- (2) Material involving erection costs shall be charged at applicable percentage of the current knocked-down price of new Material.

**3. Premium Prices**

Whenever Material is not readily obtainable at published or listed prices because of national emergencies, strikes or other unusual causes over which the Operator has no control, the Operator may charge the Joint Account for the required Material at the Operator's actual cost incurred in providing such Material, in making it suitable for use, and in moving it to the Joint Property; provided notice in writing is furnished to Non-Operators of the proposed charge prior to billing Non-Operators for such Material. Each Non-Operator shall have the right, by so electing and notifying Operator within ten days after receiving notice from Operator, to furnish in kind all or part of his share of such Material suitable for use and acceptable to Operator.

**4. Warranty of Material Furnished by Operator**

Operator does not warrant the Material furnished. In case of defective Material, credit shall not be passed to the Joint Account until adjustment has been received by Operator from the manufacturers or their agents.

**V. INVENTORIES**

The Operator shall maintain detailed records of Controllable Material.

**1. Periodic Inventories, Notice and Representation**

At reasonable intervals, Inventories shall be taken by Operator of the Joint Account Controllable Material. Written notice of intention to take inventory shall be given by Operator at least thirty (30) days before any inventory is to begin so that Non-Operators may be represented when any inventory is taken. Failure of Non-Operators to be represented at an inventory shall bind Non-Operators to accept the inventory taken by Operator.

**2. Reconciliation and Adjustment of Inventories**

Reconciliation of a physical inventory with the Joint Account shall be made, and a list of overages and shortages shall be furnished to the Non-Operators within six months following the taking of the inventory. Inventory adjustments shall be made by Operator with the Joint Account for overages and shortages, but Operator shall be held accountable only for shortages due to lack of reasonable diligence.

**3. Special Inventories**

Special Inventories may be taken whenever there is any sale or change of interest in the Joint Property. It shall be the duty of the party selling to notify all other Parties as quickly as possible after the transfer of interest takes place. In such cases, both the seller and the purchaser shall be governed by such inventory.

**4. Expense of Conducting Periodic Inventories**

The expense of conducting periodic Inventories shall not be charged to the Joint Account unless agreed to by the Parties.

EXHIBIT "D"

Attached to and made a part of the  
Operating Agreement dated \_\_\_\_\_  
March 27, 1985 and covering \_\_\_\_\_  
NW/4 Section 8, T-24-S, R-37-E  
County, New Mexico between DOYLE HARTMAN  
as Operator and Robert C. Scott, et al  
\_\_\_\_\_  
\_\_\_\_\_ as Non-Operators

Operator, at all times while operations are conducted hereunder, shall carry, and require its contractors to carry insurance to indemnify, protect and hold the parties hereto harmless as follows:

1. Insurance which shall comply with the Workmen's Compensation, Employers Liability and Occupational Disease laws of the State in which operations hereunder are conducted;
2. Comprehensive general liability insurance with limits of not less than:
  - A. Bodily Injury:  
\$500,000 per person and \$500,000 for each occurrence and,
  - B. Property Damage:  
\$250,000 for each occurrence and \$500,000 in the aggregate.
3. Automobile liability insurance with limits of not less than:
  - A. \$250,000 per person and \$500,000 per accident pertaining to bodily injury to, or death of persons; and,
  - B. \$100,000 per accident pertaining to loss of, or damage to, property.
4. Commercial Umbrella Excess Liability: \$15,000,000 per incident and annual aggregate.

Upon successful completion of first well, all premiums paid on such insurance shall be charged to the joint account. Except by mutual consent of the parties, no other insurance shall be maintained for the joint account, and all losses not covered by such insurance shall be charged to the joint account.

Operator shall not be liable to Non-Operator(s) for loss suffered on account of the insufficiency of insurance carried, or of the insurer with whom carried, nor shall Operator be liable to Non-Operator(s) for any loss accruing by reason of Operator's inability to provide or maintain the insurance above mentioned; provided, however, that if at any time during the life of this agreement Operator is unable to obtain or maintain such insurance, Operator shall promptly notify Non-Operator(s) of such fact.

**DOYLE HARTMAN**

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

February 20, 1985

Ms. Arlene S. Anthony  
721 Chatham Road  
Olenville, Illinois 60025

Re: E. E. Jack Lease  
Jalmat (Gas) Pool  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico  
(160 acres)

Dear Ms. Anthony:

As you are aware, I have recently purchased Sun Oil Company's interest as to the Jalmat gas interval only in the above-noted lease, and I am now operator of the E. E. Jack No. 1 Jalmat gas well located thereon.

I would like to make an offer to purchase the interests of all of the non-operating participants in the E. E. Jack lease on the basis of \$192,000.00 for the purchase of 100% interest in the above noted well and lease, limited from surface to 3,370 feet below the surface as found in the E. E. Jack No. 1 (which is the base of the Jalmat [gas] interval).

As to your 8.333% interest in the E. E. Jack lease, my offer equates to \$16,000.00 net to you (ie,  $8.333\% \times \$192,000.00 = \$16,000.00$ ). Rights conveyed shall be from the surface to 3,370 feet and shall exclude and reserve to you all rights below 3,370 feet which clearly reserves to you your interest in the Myers-Langlie Mattix waterflood and would convey only the present gas production from the E. E. Jack No. 1 located on this lease.

The purchase of the non-operating participants' interests has the advantage to me of making it easier and more efficient to operate the E. E. Jack lease. My proposed offer to you would also appear to be to your advantage for a number of reasons. First, under the proposed Tax Simplification Act, it will no longer be nearly as advantageous for you to own oil and gas interests (depletion to be cancelled, investment credit to be cancelled, and intangible drilling costs to be depreciated over a number of years rather than expensed in the year incurred as is presently the case). Secondly, under the present tax laws you can still qualify for capital gains as to my above-noted purchase offer resulting in you paying an effective tax rate of only 20% on my proposed net purchase price (ie  $20\% \times \$16,000.00 = \$3,200.00$ ). Under the recently proposed Tax Simplification Act, capital gains will most likely be abolished and you will instead be required to pay a higher flat tax rate

Ms. Arlene S. A. -ony  
February 20, 1981  
Page 2

of 35% (ie,  $35\% \times \$16,000.00 = \$5,600.00$ ). As you can see, a sale of your interest in 1985 would amount to a 15% increase in net monies to you.

In summary, my proposed sale has the advantage to me as operator of simplifying my operations as to this lease and has the advantage to you of providing what I believe is a top-dollar offer along with the above-noted favorable tax consequences. You can check your income over the past several years to confirm my statement that you will be receiving a top-dollar price. As to the above-mentioned favorable tax consequences, I urge you to check with your lawyer or tax accountant before reaching a decision.

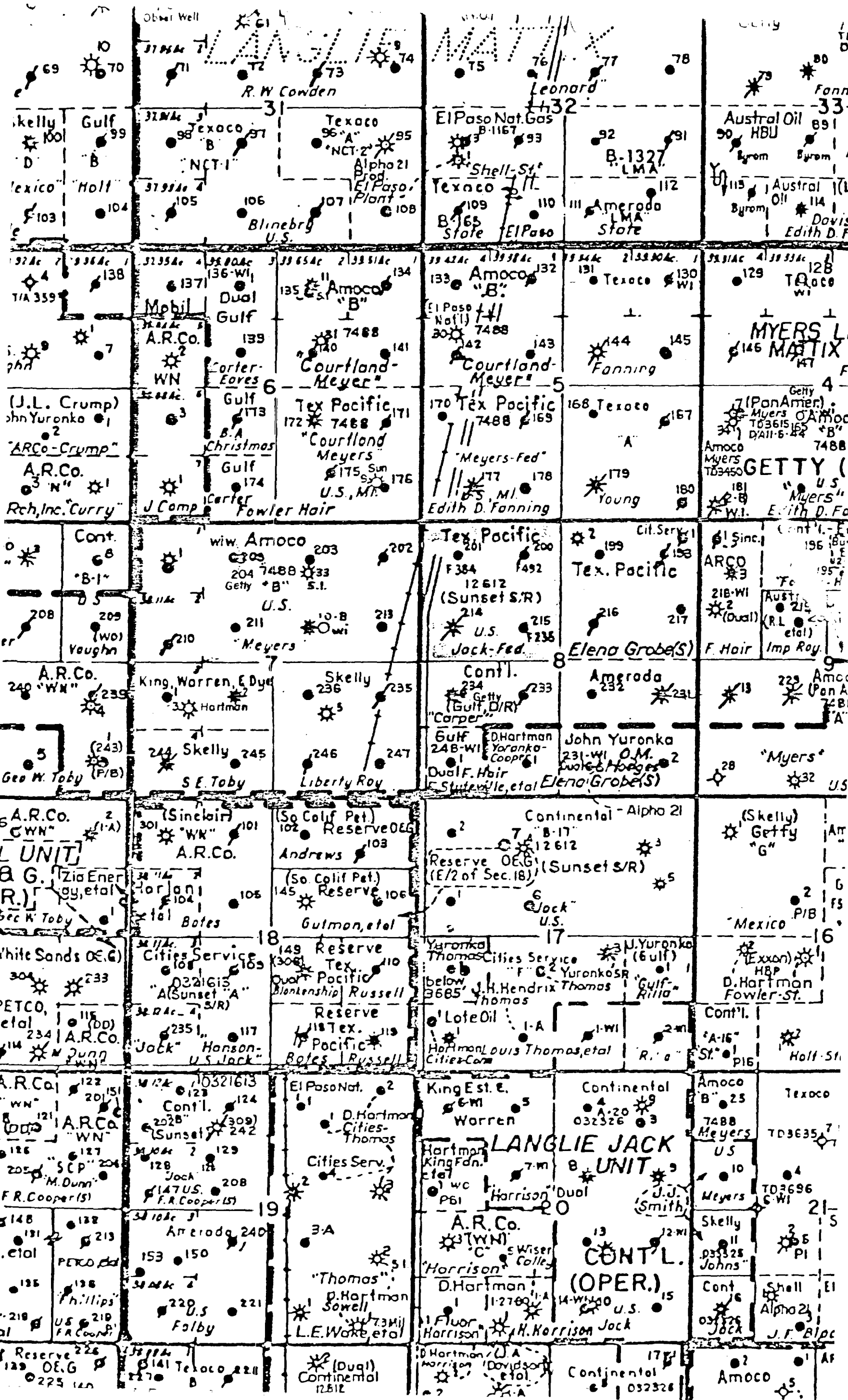
It should also be noted that this entire transaction, including obtaining title approval, will be at my sole expense. Thank you for your consideration and please call me collect, should you have any questions.

Very truly yours,

  
Doyle Hartman

DH/mh





DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

February 20, 1985

Mr. Robert C. Scott  
2826 East Oakland Park Blvd.  
Ft. Lauderdale, Florida 33306

Re: E. E. Jack Lease  
Jalmat (Gas) Pool  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico  
(160 acres)

Dear Mr. Scott:

As you are aware, I have recently purchased Sun Oil Company's interest as to the Jalmat gas interval only in the above-noted lease, and I am now operator of the E. E. Jack No. 1 Jalmat gas well located thereon.

I would like to make an offer to purchase the interests of all of the non-operating participants in the E. E. Jack lease on the basis of \$192,000.00 for the purchase of 100% interest in the above noted well and lease, limited from surface to 3,370 feet below the surface as found in the E. E. Jack No. 1 (which is the base of the Jalmat [gas] interval).

As to your 8.333% interest in the E. E. Jack lease, my offer equates to \$16,000.00 net to you (ie,  $8.333\% \times \$192,000.00 = \$16,000.00$ ). Rights conveyed shall be from the surface to 3,370 feet and shall exclude and reserve to you all rights below 3,370 feet which clearly reserves to you your interest in the Myers-Langlie Mattix waterflood and would convey only the present gas production from the E. E. Jack No. 1 located on this lease.

The purchase of the non-operating participants' interests has the advantage to me of making it easier and more efficient to operate the E. E. Jack lease. My proposed offer to you would also appear to be to your advantage for a number of reasons. First, under the proposed Tax Simplification Act, it will no longer be nearly as advantageous for you to own oil and gas interests (depletion to be cancelled, investment credit to be cancelled, and intangible drilling costs to be depreciated over a number of years rather than expensed in the year incurred as is presently the case). Secondly, under the present tax laws you can still qualify for capital gains as to my above-noted purchase offer resulting in you paying an effective tax rate of only 20% on my proposed net purchase price (ie  $20\% \times \$16,000.00 = \$3,200.00$ ). Under the recently proposed Tax Simplification Act, capital gains will most likely be abolished and you will instead be required to pay a higher flat tax rate

Mr. Robert C. S. et  
February 20, 198  
Page 2

of 35% (ie,  $35\% \times \$16,000.00 = \$5,600.00$ ). As you can see, a sale of your interest in 1985 would amount to a 15% increase in net monies to you.

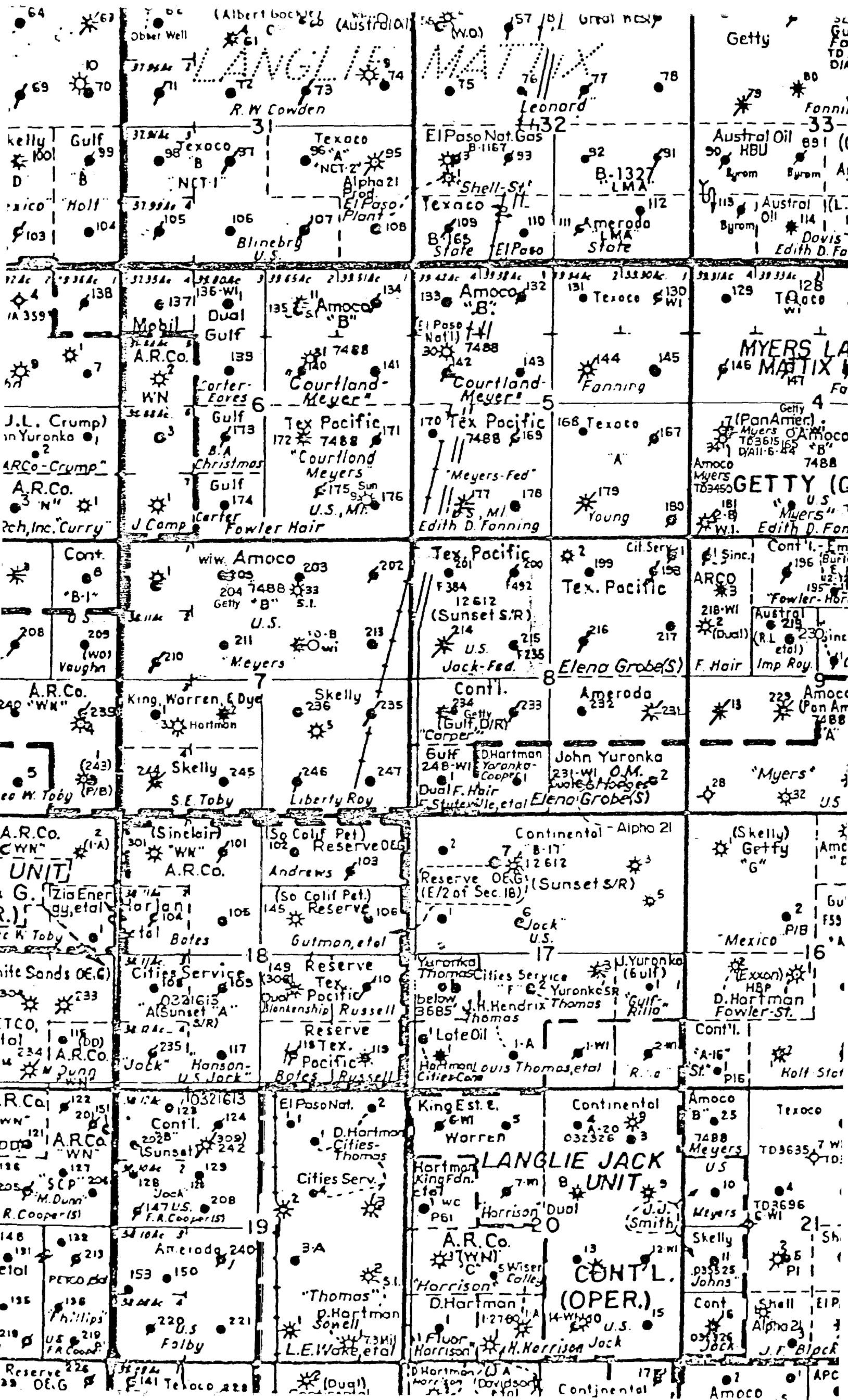
In summary, my proposed sale has the advantage to me as operator of simplifying my operations as to this lease and has the advantage to you of providing what I believe is a top-dollar offer along with the above-noted favorable tax consequences. You can check your income over the past several years to confirm my statement that you will be receiving a top-dollar price. As to the above-mentioned favorable tax consequences, I urge you to check with your lawyer or tax accountant before reaching a decision.

It should also be noted that this entire transaction, including obtaining title approval, will be at my sole expense. Thank you for your consideration and please call me collect, should you have any questions.

Very truly yours,

  
Doyle Hartman

DH/mh



DOYLE HARTMAN

*Oil Operator*

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

February 20, 1985

Mr. F. D. Lortscher  
1304 Rossmore Tower 1  
Laguna Hills, California 92653

Re: E. E. Jack Lease  
Jalmat (Gas) Pool  
NW/4 Section 8  
T-24-S, R-37-E  
Lea County, New Mexico  
(160 acres)

Dear Mr. Lortscher:

As you are aware, I have recently purchased Sun Oil Company's interest as to the Jalmat gas interval only in the above-noted lease, and I am now operator of the E. E. Jack No. 1 Jalmat gas well located thereon.

I would like to make an offer to purchase the interests of all of the non-operating participants in the E. E. Jack lease on the basis of \$192,000.00 for the purchase of 100% interest in the above noted well and lease, limited from surface to 3,370 feet below the surface as found in the E. E. Jack No. 1 (which is the base of the Jalmat [gas] interval).

As to your 25.000% interest in the E. E. Jack lease, my offer equates to \$48,000.00 net to you (ie,  $25.000\% \times \$192,000.00 = \$48,000.00$ ). Rights conveyed shall be from the surface to 3,370 feet and shall exclude and reserve to you all rights below 3,370 feet which clearly reserves to you your interest in the Myers-Langlie Mattix waterflood and would convey only the present gas production from the E. E. Jack No. 1 located on this lease.

The purchase of the non-operating participants' interests has the advantage to me of making it easier and more efficient to operate the E. E. Jack lease. My proposed offer to you would also appear to be to your advantage for a number of reasons. First, under the proposed Tax Simplification Act, it will no longer be nearly as advantageous for you to own oil and gas interests (depletion to be cancelled, investment credit to be cancelled, and intangible drilling costs to be depreciated over a number of years rather than expensed in the year incurred as is presently the case). Secondly, under the present tax laws you can still qualify for capital gains as to my above-noted purchase offer resulting in you paying an effective tax rate of only 20% on my proposed net purchase price (ie  $20\% \times \$48,000.00 = \$9,600.00$ ). Under the recently proposed Tax Simplification Act, capital gains will most likely be abolished and you will instead be required to pay a higher flat tax rate

Mr. F. D. Lorts -r  
February 20, 198  
Page 2

of 35% (ie,  $35\% \times \$48,000.00 = \$16,800.00$ ). As you can see, a sale of your interest in 1985 would amount to a 15% increase in net monies to you.

In summary, my proposed sale has the advantage to me as operator of simplifying my operations as to this lease and has the advantage to you of providing what I believe is a top-dollar offer along with the above-noted favorable tax consequences. You can check your income over the past several years to confirm my statement that you will be receiving a top-dollar price. As to the above-mentioned favorable tax consequences, I urge you to check with your lawyer or tax accountant before reaching a decision.

It should also be noted that this entire transaction, including obtaining title approval, will be at my sole expense. Thank you for your consideration and please call me collect, should you have any questions.

Very truly yours,

  
Doyle Hartman

DH/mh

