

EXHIBIT NO. 3
FIVE LAKES CANYON TIGHT GAS AREA
PICTURED CLIFFS FORMATION
LIST OF WELLS

OPERATOR	LEASE	WELL NO	LOCATION				1981	CUMULATIVE
			TNSHP	RNG	SECT	UNIT	ANN PROD (MMCF)	TO 1-1-82 (MMCF)
1 JACK A. COLE	INDIAN BEND A	1	22	2	5	C New Well		0
2 JACK A. COLE	INDIAN BEND A	2	22	2	5	E New Well		0
3 M. J. FLORANCE	FLORANCE-HUMBLE	1	22	2	5	E D&A 1959		0.
4 AMOCO PROD. CO.	JICARILLA-TRIBAL 358	7	22	2	5	L D&A 1973		0.
5 AMOCO	JICARILLA TRIBAL 358	3	22	2	6	E	7.6	191.6
6 AMOCO	JICARILLA TRIBAL 358	6	22	2	6	G	6.3	58.9
7 AMOCO	JICARILLA TRIBAL 358	4	22	2	6	J	1.0	217.9
8 AMOCO	JICARILLA TRIBAL 358	1	22	2	6	M	6.8	425.1
9 AMOCO	JICARILLA TRIBAL 358	5	22	2	7	A	5.9	188.3
10 JACK A. COLE	CHACON AMIGOS	102	22	2	7	E D&A 1969		0.
11 AMOCO	JICARILLA TRIBAL 358	8	22	2	8	C	0.9	38.5
12 AMOCO	JICARILLA TRIBAL 358	9	22	2	8	K	3.4	44.6
13 AMOCO PROD. CO.	JICARILLA TRIBAL 358	10	22	2	8	O D&A 1973		0.
14 AMOCO PROD. CO.	JICARILLA TRIBAL 359	1	22	2	19	D D&A 1973		0.
15 AMOCO	JICARILLA TRIBAL 360	1	22	3	1	B	1.4	402.9
16 MERRION & BAYLESS	JICARILLA	1	22	3	1	C	0.8	872.3
17 AMOCO	JICARILLA TRIBAL 360	2	22	3	1	I	3.2	270.4
18 MERRION AND BAYLESS	JICARILLA	2	22	3	1	K D&A 1969		0.
19 AMOCO	JICARILLA TRIBAL 360	3	22	3	2	A	4.5	362.0
20 CASWELL SILVER	JICARILLA 74	2	22	3	10	A D&A 1956		0.
21 JACK A. COLE	APACHE WASH	1	22	3	16	D D&A 1978		0.
22 CASWELL SILVER	JICARILLA 74	1	22	3	16	D D&A 1956		0.
23 CASWELL SILVER	JICARILLA 75	1	22	4	1	C D&A 1956		0.
24 JACK A. COLE	APACHE FLATS	6	22	4	1	D D&A 1976		0.
25 AMOCO PROD. CO.	JICARILLA TRIBAL 376	1	22	4	3	A D&A 1973		0.
26 MERRION AND BAYLESS	JICARILLA 376	2	22	4	3	D D&A 1975		0.
27 BENJAMIN ELENBOGEN	JICARILLA 388	1	22	5	25	A D&A 1968		0.
28 AMERADA HESS CORPORATION	JICARILLA APACHE H TR. 1	3	23	2	5	A	13.3	875.4
29 AMERADA HESS CORPORATION	JICARILLA APACHE H TR. 1	1	23	2	5	C	4.4	363.5
30 AMERADA HESS CORPORATION	JICARILLA APACHE H TR. 1	2	23	2	5	I	8.3	242.6
31 SHERMAN F. WAGENSELLER	MOBIL APACHE	15	23	2	6	A	21.6	21.6
32 SHERMAN F. WAGENSELLER	MOBIL APACHE	16	23	2	6	E	35.3	35.3
33 SHERMAN F. WAGENSELLER	MOBIL APACHE	4	23	2	6	J	11.1	286.1
34 SHERMAN F. WAGENSELLER	MOBIL APACHE	13	23	2	6	N	13.5	325.3
35 SHERMAN F. WAGENSELLER	MOBIL APACHE	11	23	2	7	C	19.1	656.3
36 SHERMAN F. WAGENSELLER	MOBIL APACHE	7	23	2	7	H	12.6	555.5
37 SHERMAN F. WAGENSELLER	MOBIL APACHE	14	23	2	7	I	8.6	244.4
38 SHERMAN F. WAGENSELLER	MOBIL APACHE	5	23	2	7	L	6.0	221.0
39 PETRO LEWIS CORP.	JICARILLA M 157	4	23	2	8	C	17.0	603.8
40 PETRO LEWIS CORP.	JICARILLA M 157	1	23	2	8	G	6.0	229.1
1 PETRO LEWIS CORP.	JICARILLA M 157	2	23	2	8	J	10.2	654.5
2 PETRO LEWIS CORP.	JICARILLA M 157	3	23	2	8	K	11.1	615.3
3 AMERADA HESS CORPORATION	JICARILLA APACHE H TR. 2	2	23	2	9	A	9.5	586.0
4 AMERADA HESS CORPORATION	JICARILLA APACHE H TR. 2	1	23	2	9	C	2.9	85.2
5 AMERADA HESS CORPORATION	JICARILLA APACHE H TR. 2	3	23	2	9	M	12.5	73.4
6 AMERADA HESS CORPORATION	JICARILLA APACHE H TR. 2	4	23	2	9	O New Well		0.

OPERATOR	LEASE	WELL NO	LOCATION				1981 ANN PROD (MMCF)	CUMULATI TO 1-1-8 (MMCF)
			TNSHP	RNG	SECT	UNIT		
47 LIONEL R. LEVINSON	PUBCO	1	23	2	16	D	9.9	502.2
48 LIONEL R. LEVINSON	PUBCO	2	23	2	16	G	14.4	708.3
49 LIONEL R. LEVINSON	PUBCO	3	23	2	16	J	4.0	323.7
50 MESA PETROLEUM	JICARILLA	1	23	2	16	K	6.3	125.9
51 SHERMAN F. WAGENSELLER	MOBIL APACHE	8	23	2	17	B	4.1	131.4
52 SHERMAN F. WAGENSELLER	MOBIL APACHE	3	23	2	17	D	5.4	190.8
53 SHERMAN F. WAGENSELLER	MOBIL APACHE 18	1	23	2	18	D	New Well	0.
54 MOBIL PRODUCING TX. & N.M.	JICARILLA A	1	23	2	18	O	4.1	165.4
55 MOBIL PRODUCING TX. & N.M.	JICARILLA L	1	23	2	19	D	4.4	127.0
56 SHAR-ALAN OIL CO.	JICARILLA	4-T	23	2	25	D	D&A 1964	0.
57 SOUTHLAND ROYALTY CO.	JICARILLA 443	1	23	2	26	A	40.0	146.7
58 SHAR-ALAN OIL CO.	JICARILLA P	165	23	2	27	G	D&A 1963	0.
59 PETRO LEWIS CORP.	JICARILLA R 165	3	23	2	28	D	P&A 1977	23.4
50 DYNA RAY OIL CO.	JICARILLA R 166	1	23	2	29	H	P&A 1971	29.5
51 SHAR-ALAN OIL CO.	JICARILLA R 166	2	23	2	30	B	D&A 1966	0.
52 AMERADA HESS CORPORATION	JICARILLA APACHE I	7	23	3	1	G	41.3	79.5
53 AMERADA HESS CORPORATION	JICARILLA APACHE I	9	23	3	1	J	9.5	9.5
54 AMERADA HESS CORPORATION	JICARILLA APACHE I	2	23	3	2	I	15.9	434.9
55 AMERADA HESS CORP.	JICARILLA APACHE I	10	23	3	2	L	D&A 1982	0.
56 ODESSA NATURAL CORP.	JICARILLA JOINT VENTURES P.C.	107	23	3	3	E	D&A 1978	0.
57 C. F. RAYMOND	MONICA-JICARILLA	1	23	3	3	J	D&A 1964	0.
58 EPNG	JICARILLA JOINT VENTURES PC	102	23	3	3	M	7.4	42.5
59 EPNG	JICARILLA JOINT VENTURES P.C.	108	23	3	3	O	9.6	54.6
70 EPNG	JICARILLA JOINT VENTURES PC	104	23	3	4	F	5.6	20.2
71 ODESSA NATURAL CORP.	JICARILLA JOINT VENTURES P.C.	105	23	3	4	G	D&A 1978	0.
72 EL PASO EXPLORATION CO.	JICARILLA JOINT VENTURES	101	23	3	4	P	6.6	33.2
73 JACK A. COLE	APACHE HILLS	3	23	3	7	P	8.8	46.4
74 JACK A. COLE	APACHE HILLS	2	23	3	8	M	6.9	35.9
75 DAVE M. THOMAS, JR.	CHACON JICARILLA CONT. 412	12	23	3	9	A	4.1	27.0
76 EPNG	JICARILLA JOINT VENTURES PC	103	23	3	10	B	10.9	65.8
77 EL PASO EXPLORATION CO.	JICARILLA JOINT VENTURES	109	23	3	10	D	3.9	14.7
78 EL PASO EXPLORATION CO.	JICARILLA JOINT VENTURES	110	23	3	10	I	11.2	49.0
79 AMERADA HESS CORPORATION	JICARILLA APACHE I	1	23	3	11	A	5.0	184.5
80 AMERADA HESS CORP.	JICARILLA APACHE I	8	23	3	11	C	Shut-in	0.
81 SHERMAN F. WAGENSELLER	MOBIL APACHE	2	23	3	12	A	16.4	465.4
82 SHERMAN F. WAGENSELLER	MOBIL APACHE	12	23	3	12	F	9.3	193.1
83 SHERMAN WAGENSELLER	MOBIL-APACHE	17	23	3	12	N	New Well	0.
84 SHERMAN F. WAGENSELLER	MOBIL APACHE	9	23	3	12	P	9.1	283.3
85 SHERMAN F. WAGENSELLER	MOBIL APACHE	6	23	3	13	A	12.1	444.9
86 SHERMAN F. WAGENSELLER	MOBIL APACHE	10	23	3	13	I	1.7	50.0
87 CASWELL SILVER	JICARILLA F	1	23	3	15	A	D&A 1956	0.
88 DAVE M. THAS, JR.	CHACON JICARILLA	1	23	3	15	M	10.1	190.3
89 DAVE M. THOMAS, JR.	CHACON JICARILLA	2	23	3	15	O	Shut-in	82.4
90 DAVE M. THOMAS, JR.	CHACON JICARILLA CONT. 412	6	23	3	16	E	13.7	126.1
91 DAVE M. THOMAS, JR.	CHACON JICARILLA CONT. 412	11	23	3	16	G	4.2	22.9
92 DAVE M. THOMAS, JR.	CHACON JICARILLA CONT. 412	3	23	3	16	I	9.7	163.0

EXHIBIT NO. 3 (Cont.)

OPERATOR	LEASE	WELL NO	LOCATION				1981	CUMULATIV
			TNSHP	RNG	SECT	UNIT	ANN PROD (MMCF)	TO 1-1-82 (MMCF)
3 DAVE M. THOMAS, JR.	CHACON JICARILLA CONT. 412	10	23	3	16	K	12.4	82.2
4 JACK A. COLE	APACHE HILLS	1	23	3	17	A	17.8	103.9
5 JACK A. COLE	APACHE HILLS	6	23	3	17	F	9.2	32.1
6 JACK A. COLE	APACHE HILLS	4	23	3	17	I	18.4	69.2
7 JACK A. COLE	APACHE HILLS	5	23	3	17	K	9.5	34.7
8 MAGELLAN CO.	JICARILLA	1	23	3	17	M	D&A 1961	0.
9 JOSEPH B. GOULD	APACHE	2	23	3	18	B	3.6	69.0
JOSEPH B. GOULD	APACHE	1	23	3	18	P	8.1	275.7
1 COTTON PETROLEUM CORPORATION	CINCO DIABLOS	13	23	3	19	A	3.0	92.7
2 CASWELL SILVER	JICARILLA S	2	23	3	19	D	D&A 1957	0.
3 K. K. KEESEE	CINCO DIABLOS	11	23	3	19	P	10.5	336.1
4 K. K. KEESEE	MARGURITE	3	23	3	20	F	3.3	265.2
5 EPNG	JICARILLA 15	1	23	3	20	H	12.1	78.5
6 EPNG	STROMBERG	1	23	3	20	J	5.7	845.1
7 K. K. KEESEE	MARGURITE	2	23	3	20	N	5.7	479.6
8 EPNG	JICARILLA 183	5	23	3	21	M	10.2	311.6
9 EPNG	JICARILLA 183	8	23	3	21	O	6.5	46.0
DAVE M. THOMAS, JR.	CHACON JICARILLA	8	23	3	22	B	13.4	107.0
1 DAVE M. THOMAS, JR.	CHACON JICARILLA	4	23	3	22	C	12.4	205.4
2 EPNG	JICARILLA 183	12	23	3	22	K	New Well	0.
3 DAVE M. THOMAS, JR.	CHACON JICARILLA	5	23	3	23	E	10.8	169.6
4 DAVE M. THOMAS, JR.	CHACON JICARILLA	9	23	3	23	L	17.7	160.0
5 DAVE M. THOMAS, JR.	CHACON JICARILLA	7	23	3	23	O	10.4	91.7
6 JACK A. COLE	INDIAN BEND	1	23	3	25	D	10.0	10.0
7 JACK A. COLE	INDIAN BEND	6	23	3	25	G	3.2	3.2
8 JACK A. COLE	INDIAN BEND	7	23	3	25	J	16.0	16.0
9 JACK A. COLE	INDIAN BEND	4	23	3	25	K	12.9	12.9
JOACK A. COLE	INDIAN BEND	2	23	3	26	A	9.8	9.8
1 JACK A. COLE	INDIAN BEND	3	23	3	26	C	13.8	13.8
2 CASWELL SILVER	JICARILLA 55	1	23	3	26	K	D&A 1956	0.
3 BENJAMIN ELENBOGEN	JICARILLA A 55	6	23	3	26	M	S.I.	54.2
4 BENJAMIN ELENBOGEN	JICARILLA A 55	7	23	3	26	O	16.1	298.5
5 EPNG	JICARILLA 183	2	23	3	27	M	5.9	519.2
6 EPNG	JICARILLA 183	6	23	3	27	O	14.7	297.0
7 EPNG	JICARILLA 183	1	23	3	28	E	3.0	559.6
8 EPNG	JICARILLA 183	7	23	3	28	G	5.2	114.4
9 EPNG	JICARILLA 183	4	23	3	28	J	0.8	256.7
EPNG	JICARILLA 183	3	23	3	28	L	2.5	108.6
1 EPNG	STROMBERG	2	23	3	29	A	2.2	1037.9
2 K. K. KEESEE	CINCO DIABLOS	1	23	3	29	C	2.2	231.9
3 EPNG	STROMBERG	8	23	3	29	I	5.3	168.7
4 K. K. KEESEE	MARGURITE	4	23	3	33	A	6.4	292.8
5 EPNG	STROMBERG	7	23	3	33	C	1.6	329.9
6 EPNG	STROMBERG	5	23	3	34	A	2.7	948.4
7 EPNG	STROMBERG	6	23	3	34	C	7.1	662.0
8 EPNG	STROMBERG	9	23	3	34	J	2.8	39.6

OPERATOR	LEASE	WELL NO	LOCATION				1981 ANN PROD (MMCF)	CUMULAT TO 1-1- (MMCF)
			TNSHP	RNG	SECT	UNIT		
139 EPNG	STROMBERG	10	23	3	34	K	D&A 1972	0.
140 BENJAMIN ELENBOGEN	JICARILLA A 55	1	23	3	35	E	1.5	553.0
141 BENJAMIN ELENBOGEN	JICARILLA A 55	2	23	3	35	G	1.9	313.2
142 BENJAMIN ELENBOGEN	JICARILLA 55	3	23	3	35	J	0.4	393.4
143 BENJAMIN ELENBOGEN	JICARILLA 55	2	23	3	35	M	3.5	616.0
144 JACK A. COLE	INDIAN BEND	8	23	3	36	A	23.4	23.4
145 JACK A. COLE	INDIAN BEND	5	23	3	36	C	20.3	20.3
146 BENJAMIN ELENBOGEN	JICARILLA A55	5	23	3	36	E	D&A 1968	0.
147 JACK A. COLE	INDIAN BEND	9	23	3	36	I	5.6	5.6
148 BENJAMIN ELENBOGEN	JICARILLA A-55	4	23	3	36	J	D&A 1968	0.
149 BENJAMIN ELENBOGEN	JICARILLA A 55	3	23	3	36	L	2.0	302.2
150 CHACE OIL COMPANY	JICARILLA 72	3	23	4	2	M	P&A 1979	16.7
151 CHACE OIL COMPANY	JICARILLA 71	2	23	4	3	K	0.4	5.5
152 CHACE OIL COMPANY	JICARILLA 71	1	23	4	3	P	P&A 1981	78.8
153 WITCO OIL AND GAS	JICARILLA	1	23	4	4	A	D&A 1955	0.
154 AMERADA HESS CORP.	JICARILLA APACHE J	3	23	4	4	D	Shut-in	0.
155 AMERADA HESS CORPORATION	JICARILLA APACHE J	1	23	4	4	M	6.7	690.1
156 AMERADA HESS CORP.	JICARILLA APACHE J	2	23	4	4	O	D&A 1977	0.
157 D. E. FLORANCE	JICARILLA FLORANCE D	3	23	4	5	E	10.4	671.4
158 COLONIAL PRODUCTION COMPANY	SKELLY FLORANCE	2	23	4	5	G	10.4	612.1
159 COLONIAL PRODUCTION COMPANY	JICARILLA APACHE	5	23	4	5	L	2.6	111.1
160 COLONIAL PRODUCTION COMPANY	JICARILLA APACHE	7	23	4	5	O	4.0	319.8
161 D. E. FLORANCE	JICARILLA FLORANCE D	4	23	4	6	B	13.1	634.9
162 D. E. FLORANCE	JICARILLA FLORANCE D	2	23	4	6	C	4.1	173.3
163 W. B. MARTIN & ASSOC.	M & M	2	23	4	6	N	New Well	0.0
164 COLONIAL PRODUCTION COMPANY	JICARILLA APACHE	8	23	4	8	A	1.2	106.4
165 JOHN E. SCHALK	CINCO DIABLOS	4	23	4	9	B	1.9	769.2
166 COTTON PETROLEUM CORPORATION	CINCO DIABLOS	2	23	4	9	C	2.4	170.3
167 JOHN E. SCHALK	CINCO DIABLOS	2	23	4	9	D	P&A 1969	73.6
168 CHACE OIL COMPANY	JICARILLA 71	5	23	4	9	I	3.2	107.3
169 CHACE OIL	JICARILLA 71	4	23	4	9	K	D&A 1972	0.
170 JOHN E. SCHALK	CINCO DIABLOS	8	23	4	10	E	D&A 1967	0.
171 M. M. GARRETT	JICARILLA	1	23	4	10	G	D&A 1957	0.
172 JOHN E. SCHALK	CINCO DIABLOS	5	23	4	10	L	0.6	554.9
173 JOHN E. SCHALK	CINCO DIABLOS	7	23	4	10	O	0.6	340.6
174 CHACE OIL COMPANY	JICARILLA 47M	1	23	4	11	C	2.1	137.0
175 SUPRON	JICARILLA	1	23	4	11	G	4.8	257.2
176 JOHN H. HILL	JICARILLA 47	1	23	4	11	P	D&A 1966	0.
177 WAGENSELLER & AUGUST	JICARILLA	2-A	23	4	12	A	D&A 1960	0.
178 W. M. GALLOWAY	DELO	1	23	4	13	M	13.4	373.1
179 JOHN E. SCHALK	CINCO DIABLOS	6	23	4	14	D	1.6	380.4
180 JOHN E. SCHALK	CINCO DIABLOS	10	23	4	14	G	D&A 1968	0.
181 COTTON PETROLEUM CORPORATION	CINCO DIABLOS	12	23	4	14	I	7.7	495.3
182 COTTON PETROLEUM CORPORATION	CINCO DIABLOS	14	23	4	14	K	3.2	72.4
183 COLONIAL PRODUCTION COMPANY	JICARILLA APACHE	9	23	4	15	A	14.7	514.1
184 COLONIAL PRODUCTION COMPANY	JICARILLA APACHE	10	23	4	15	C	2.7	103.4

EXHIBIT NO. 3 (Cont.)

OPERATOR	LEASE	WELL NO	LOCATION				1981	CUMULATI
			TNSHP	RNG	SECT	UNIT	ANN PROD (MMCF)	TO 1-1-8 (MMCF)
85 W. B. MARTIN AND ASSOC.	M & M	1	23	4	15	I	New Well	1136.0
86 CONOCO INC.	AXI APACHE P	3	23	4	17	M	1.2	18.9
87 SHERMAN WAGENSELLER	JICARILLA APACHE P	2	23	4	18	D	D&A 1959	0.
88 CONOCO INC.	AXI APACHE P	4	23	4	19	A	0.1	8.3
89 CONOCO INC.	AXI APACHE P	1	23	4	19	F	7.4	388.6
90 MERRION & BAYLESS	PONCA	3	23	4	19	I	4.9	4.9
91 MERRION AND BAYLESS	PONCA	4	23	4	19	K	D&A 1981	0.
92 ROBERT L. BAYLESS	APACHE AXI P	5	23	4	20	F	New Well	0.
93 MERRION & BAYLESS	PONCA	2	23	4	20	N	41.4	41.4
94 MERRION & BAYLESS	PONCA	1	23	4	20	O	44.3	44.3
95 JACK A. COLE	APACHE FLATS	1	23	4	21	M	8.6	71.7
96 ROBERT L. BAYLESS	JICARILLA 393 B	1	23	4	21	O	New Well	0.0
97 JACK A. COLE	APACHE FLATS	15	23	4	22	E	D&A 1977	0.
98 AMOCO	JICARILLA TRIBAL 390	3	23	4	24	A	8.2	146.3
99 AMOCO PROD. CO.	JICARILLA TRIBAL	1	23	4	24	C	D&A 1970	0.
00 AMOCO	JICARILLA TRIBAL 390	2	23	4	24	I	5.5	161.2
01 JACK A. COLE	APACHE FLATS	10	23	4	27	E	20.8	105.1
02 ROBERT L. BAYLESS	JICARILLA 392 B	1	23	4	27	G	New Well	0.0
03 JACK A. COLE	APACHE FLATS	8	23	4	27	L	19.2	246.2
04 JACK A. COLE	APACHE FLATS	13	23	4	27	O	2.0	20.2
05 JACK A. COLE	APACHE FLATS	7	23	4	28	B	24.7	223.7
06 JACK A. COLE	APACHE FLATS	4	23	4	28	F	40.6	292.2
07 JACK A. COLE	APACHE FLATS	11	23	4	28	I	21.6	219.4
08 JACK A. COLE	APACHE FLATS	3	23	4	28	M	5.5	37.0
09 MERRION & BAYLESS	JICARILLA CONTRACT 428	6	23	4	29	A	30.2	139.9
10 MERRION AND BAYLESS	JICARILLA 428	3	23	4	29	M	Shut-in	0.
11 BENJAMIN ELLENBOGEN	JICARILLA 415	1	23	4	30	D	D&A 1969	0.
12 MERRION & BAYLESS	JICARILLA CONTRACT 428	7	23	4	30	N	6.0	35.4
13 MERRION AND BAYLESS	JICARILLA 428	9	23	4	30	O	D&A 1979	0.
14 MERRION & BAYLESS	JICARILLA CONTRACT 428	2	23	4	31	A	10.8	108.0
15 MERRION AND BAYLESS	JICARILLA 428	5	23	4	31	D	Shut-in	0.
16 MERRION & BAYLESS	JICARILLA CONTRACT 428	4	23	4	32	C	20.6	135.2
17 MERRION & BAYLESS	JICARILLA CONTRACT 428	1	23	4	32	G	6.7	59.4
18 JACK A. COLE	APACHE FLATS	9	23	4	33	B	4.9	33.6
19 MAGNOLIA PETROLEUM	JICARILLA	1	23	4	33	D	D&A 1955	0.
20 MERRION & BAYLESS	JICARILLA CONTRACT 392	1	23	4	33	E	10.0	91.7
21 JACK A. COLE	APACHE FLATS	2	23	4	33	H	D&A 1976	0.
22 JACK A. COLE	APACHE FLATS	14	23	4	34	D	D&A 1978	0.
23 JACK A. COLE	APACHE FLATS	12	23	4	35	E	D&A 1976	0.
24 AMERADA HESS CORP.	JICARILLA APACHE D	3	23	5	1	A	New Well	0.
25 SENTINEL OIL	JICARILLA 40	#1-2	23	5	2	A	D&A 1963	0.
26 AMERADA HESS CORPORATION	JICARILLA APACHE D	2	23	5	2	N	7.7	38.6
27 CONOCO INC.	AXI APACHE C	9	23	5	3	A	7.7	446.4
28 CONOCO INC.	AXI APACHE C	6	23	5	3	D	S.I.	161.2
29 CONOCO INC.	AXI APACHE C	8	23	5	3	M	1.9	373.1
30 CONOCO INC.	APACHE AXI C	12	23	5	3	O	New Well	0.

EXHIBIT NO. 3 (Cont.)

OPERATOR	LEASE	WELL NO	LOCATION				1981	CUMULAT.
			TNSHP	RNG	SECT	UNIT	ANN PROD (MMCF)	TO 1-1- (MMCF)
31 CONOCO INC.	AXI APACHE C	7	23	5	4	A	4.6	486.9
32 CONOCO INC.	AXI APACHE C	10	23	5	4	E	5.1	507.6
33 CONOCO INC.	AXI APACHE C	1	23	5	4	M	0.3	689.5
34 CONOCO INC.	AXI APACHE C	11	23	5	4	P	3.6	328.3
35 CONOCO INC.	AXI APACHE H	11	23	5	5	D	4.7	610.5
36 CONOCO INC.	AXI APACHE H	1	23	5	5	H	5.3	1749.5
37 CONOCO INC.	AXI APACHE H	8	23	5	5	M	7.9	634.1
38 CONOCO INC.	AXI APACHE H	12	23	5	5	P	2.8	144.0
39 ROBERT L. BAYLESS	APACHE AXI H	16	23	5	6	C	New Well	0.
40 CONOCO INC.	AXI APACHE H	6	23	5	6	H	1.2	1646.3
41 CONOCO INC.	AXI APACHE H	7	23	5	6	M	0.9	156.7
42 CONOCO INC.	AXI APACHE H	14	23	5	6	O	4.8	364.0
43 CONOCO, INC.	APACHE AXI G	2	23	5	7	A	P&A 1974	375.7
44 CONOCO, INC.	APACHE AXI G	1	23	5	8	A	P&A 1976	811.8
45 CONOCO, INC.	APACHE AXI G	3	23	5	8	I	P&A 1975	100.4
46 CONOCO INC.	AXI APACHE A	5	23	5	9	A	3.5	658.0
47 CONOCO INC.	AXI APACHE A	6	23	5	9	D	7.6	382.9
48 CONOCO INC.	AXI APACHE A	7	23	5	9	J	1.2	97.4
49 CONOCO INC.	AXI APACHE A	2	23	5	9	M	9.3	1391.3
50 CONOCO INC.	AXI APACHE A	9	23	5	10	A	7.4	243.8
51 CONOCO INC.	AXI APACHE A	8	23	5	10	D	17.5	565.8
52 CONOCO INC.	AXI APACHE A	3	23	5	10	M	0.9	219.1
53 CONOCO, INC.	APACHE AXI A	10	23	5	10	O	New Well	0.
54 HUMBLE OIL AND REFINING	JICARILLA F	1	23	5	11	D	D&A 1955	0.
55 ROBERT L. BAYLESS	APACHE AXI F	7	23	5	11	G	Shut-in	0.
56 CONOCO INC.	AXI APACHE F	4	23	5	11	P	22.1	570.6
57 CONOCO INC.	AXI APACHE F	6	23	5	13	D	17.1	126.2
58 CONOCO INC.	AXI APACHE F	2	23	5	13	P	6.3	334.0
59 CONOCO INC.	AXI APACHE F	5	23	5	14	D	8.5	69.0
60 CONOCO INC.	AXI APACHE A	1	23	5	15	D	5.9	200.4
61 ROBERT L. BAYLESS	APACHE AXI A	11	23	5	15	K	New Well	0.
62 CONOCO INC.	AXI APACHE A	4	23	5	16	A	S.I.	740.8
63 HERRION AND BAYLESS	JICARILLA A	1	23	5	22	D	D&A 1971	0.
64 HERRION & BAYLESS	JICARILLA 429	3	23	5	24	A	0.3	0.7
65 B. A. DODGEN	JICARILLA	1	23	5	24	K	D&A 1968	0.
66 HERRION AND BAYLESS	JICARILLA 430	3	23	5	25	G	D&A 1978	0.
67 HERRION AND BAYLESS	JICARILLA 430	1	23	5	25	K	D&A 1978	0.
68 EPNG	HILL	6	24	3	20	A	4.9	122.9
69 EPNG	HILL	5	24	3	20	C	8.0	317.8
70 EPNG	HILL	3	24	3	20	J	1.9	173.8
71 DUGAN PRODUCTION	JICARILLA	1	24	4	3	A	3.1	170.6
72 COTTON PETROLEUM CORP.	APACHE	14	24	4	3	E	14.9	142.1
73 COTTON PETROLEUM CORP.	APACHE	30	24	4	3	J	6.6	24.3
74 COTTON PETROLEUM CORP.	APACHE	19	24	4	3	M	6.8	45.3
75 COTTON PETROLEUM CORP.	APACHE	20	24	4	4	B	11.4	78.0
76 EL PASO EXPLORATION CO.	JICARILLA 127 S	7	24	4	4	D	3.0	100.9

EXHIBIT NO. 3 (Cont.)

OPERATOR	LEASE	WELL NO	LOCATION				1981	CUMULATI
			TNSHP	RNG	SECT	UNIT	ANN PROD (MMCF)	TO 1-1-82 (MMCF)
7 COTTON PETROLEUM CORP.	APACHE	21	24	4	4	J	3.4	31.2
8 COTTON PETROLEUM CORP.	APACHE	15	24	4	4	M	3.8	37.3
9 EPNG	JICARILLA H	1	24	4	5	A	2.6	123.7
10 EPNG	JICARILLA H	2	24	4	5	C	2.8	119.1
11 EPNG	JICARILLA H	6	24	4	5	M	0.9	45.5
12 EPNG	JICARILLA H	3	24	4	5	P	2.2	143.9
13 EPNG	JICARILLA H	4	24	4	6	A	1.3	54.6
14 EPNG	JICARILLA H	5	24	4	6	C	4.2	188.3
15 EPNG	JICARILLA H	11	24	4	6	N	1.8	65.6
16 EPNG	JICARILLA H	7	24	4	6	P	1.1	57.7
17 EPNG	JICARILLA H	13	24	4	7	A	2.7	120.0
18 EPNG	JICARILLA H	12	24	4	7	C	2.0	86.7
19 EPNG	JICARILLA H	10	24	4	7	M	D&A 1957	0.
20 EPNG	JICARILLA H	8	24	4	8	A	2.0	62.7
21 EPNG	JICARILLA H	9	24	4	8	C	1.4	47.2
22 EPNG	JICARILLA H	16	24	4	8	J	2.1	80.7
23 EPNG	JICARILLA H	15	24	4	8	K	2.4	113.6
24 COTTON PETROLEUM CORP.	APACHE	16	24	4	9	D	3.1	28.2
25 COTTON PETROLEUM CORP.	APACHE	22	24	4	9	L	3.1	19.2
26 NORTHWEST PROD. CORP.	JICARILLA 127 S	9	24	4	10	I	P&A 1969	21.6
27 COTTON PETROLEUM CORP.	APACHE	12	24	4	13	C	16.0	203.2
28 EL PASO EXPLORATION CO.	JICARILLA 129 S	14	24	4	13	H	6.9	336.6
29 COTTON PETROLEUM CORP.	APACHE	13	24	4	13	I	22.6	246.7
30 COTTON PETROLEUM CORP.	APACHE	24	24	4	14	A	51.4	330.0
31 COTTON PETROLEUM CORP.	APACHE	29	24	4	14	C	7.7	19.0
32 ROBERT L. BAYLESS	JICARILLA 363 B	4	24	4	16	C	New Well	0.
33 JACK A. COLE	BURRO CANYON	1	24	4	16	P	2.9	35.5
34 HUMBLE OIL AND REFINING	JICARILLA 1	1-D	24	4	17	D	D&A 1955	0.
35 CONOCO INC.	AXI APACHE D	5	24	4	19	F	4.2	20.9
36 CONOCO INC.	AXI APACHE D	2	24	4	19	N	14.4	558.6
37 CONOCO INC.	AXI APACHE D	4	24	4	19	P	8.1	39.7
38 CONOCO, INC.	APACHE AXI D	3	24	4	20	D	D&A 1966	0.
39 ROBERT L. BAYLESS	APACHE AXI D	6	24	4	20	M	New Well	0.
40 JACK A. COLE	BURRO CANYON	2	24	4	21	H	2.6	36.0
41 JIM STORMS	GHOST RANCH	1	24	4	22	A	D&A 1959	0.
42 JACK A. COLE	BURRO CANYON	4	24	4	22	D	D&A 1976	0.
43 JACK A. COLE	BURRO CANYON	3	24	4	22	M	D&A 1976	0.
44 COTTON PETROLEUM	APACHE	31	24	4	23	I	New Well	0.0
45 COTTON PETROLEUM CORP.	APACHE	25	24	4	24	A	10.1	10.1
46 COTTON PETROLEUM CORP.	APACHE	27	24	4	24	I	14.2	14.2
47 COTTON PETROLEUM CORP.	APACHE	28	24	4	24	K	55.8	55.8
48 PURE OIL	JICARILLA	31	24	4	25	K	D&A 1956	0.
49 M & M PROD. & OPER. CO.	JICARILLA ABEL	5	24	4	30	N	1.6	63.1
50 M & M PROD. & OPER. CO.	JICARILLA ABEL	1	24	4	31	A	1.8	78.7
51 GEORGE A. BERNAT	JICARILLA ABEL	6	24	4	31	D	4.5	245.0
52 GEORGE A. BERNAT	JICARILLA ABEL	2	24	4	31	I	2.2	130.3

EXHIBIT NO. 3 (Cont.)

OPERATOR	LEASE	WELL NO	LOCATION				1981	CUMMULAT
			TNSHP	RNG	SECT	UNIT	ANN PROD (MMCF)	TO 1-1-8 (MMCF)
323 GEORGE A. BERNAT	JICARILLA ABEL	3	24	4	31	N	12.1	959.4
324 M & M PROD. & OPER. CO.	JICARILLA ABEL	4	24	4	32	D	2.4	76.4
325 CHACE OIL COMPANY	JICARILLA 70	4	24	4	33	B	2.8	29.3
326 CHACE OIL COMPANY	JICARILLA 70	3	24	4	33	C	2.1	45.9
327 CHACE OIL COMPANY	JICARILLA 70	1	24	4	33	M	P&A	87.2
328 FLOYD RAY	BOGEY	1	24	4	33	P	D&A 1967	0.
329 ENERGY RESERVES GROUP	JICARILLA 35	6	24	5	1	A	6.7	24.4
330 ENERGY RESERVES GROUP	JICARILLA 35	3	24	5	2	B	6.5	43.2
331 R & R DRILLING CO. INC.	JICARILLA CONTRACT 10A	4	24	5	3	L	P&A 1973	28.6
332 GETTY OIL COMPANY	JICARILLA B	25	24	5	6	C	21.9	21.9
333 GETTY OIL COMPANY	JICARILLA B	1	24	5	6	M	8.1	324.8
334 GETTY OIL CO.	JICARILLA B	27	24	5	6	O	New Well	0.0
335 GULF OIL CO.	APACHE FEDERAL	15	24	5	7	D	New Well	46.9
336 GULF OIL COMPANY	APACHE FEDERAL	6	24	5	7	G	21.9	854.7
337 GULF OIL COMPANY	APACHE FEDERAL	4	24	5	7	M	5.1	297.1
338 GULF OIL COMPANY	APACHE FEDERAL	2	24	5	8	M	6.8	318.6
339 R & G DRILLING CO.	R & G	8-A	24	5	9	C	D&A 1955	0.
40 M & M PROD. & OPER. CO.	JICARILLA APACHE	6	24	5	11	A	1.8	45.8
41 W. B. MARTIN	MARTIN-BLACKFORD J-37-B	2	24	5	13	E	D&A 1982	0.
42 DUGAN PRODUCTION CORPORATION	SUNSET	1	24	5	13	M	0.5	44.8
43 DUGAN PROD. CORP.	A NEW DAWN	4	24	5	14	G	D&A 1982	0.
44 M & M PROD. & OPER. CO.	JICARILLA APACHE	9	24	5	14	M	2.3	129.7
45 KEN BLACKFORD	JICARILLA 37B R	1	24	5	14	O	3.1	10.8
46 KEN BLACKFORD	JICARILLA 37B	1	24	5	14	P	2.1	81.4
47 EPNG	JICARILLA A	4	24	5	15	I	1.8	58.8
48 CONOCO INC.	NORTHEAST HAYNES	11	24	5	15	M	190.5	190.5
49 EPNG	JICARILLA A	2	24	5	16	M	15.1	497.9
50 CONOCO INC.	NORTHEAST HAYNES	12	24	5	16	O	18.6	18.6
51 GULF OIL COMPANY	APACHE FEDERAL	7	24	5	17	G	2.9	128.2
52 GULF OIL COMPANY	APACHE FEDERAL	1	24	5	17	N	6.5	516.0
53 GULF OIL COMPANY	APACHE FEDERAL	5	24	5	18	H	1.5	285.2
54 GULF OIL CO.	APACHE	3	24	5	18	N	D&A 1955	0.
55 AMERADA HESS CORPORATION	JICARILLA APACHE B	3	24	5	19	D	1.1	52.9
56 AMERADA HESS CORPORATION	JICARILLA APACHE B	4	24	5	19	P	3.4	181.7
57 AMERADA HESS	JICARILLA APACHE B	17	24	5	20	B	New Well	0.
58 AMERADA HESS CORPORATION	JICARILLA APACHE B	1	24	5	20	F	5.0	485.0
59 AMERADA HESS CORPORATION	JICARILLA APACHE B	2	24	5	20	P	2.5	299.9
60 EPNG	JICARILLA A	1	24	5	21	E	1.0	66.1
61 EPNG	JICARILLA P	4	24	5	21	N	0.5	308.5
62 DUGAN PROD. CO.	HARRIS	5	24	5	21	O	P&A	22.7
63 DUGAN PROD. CORP.	HARRIS	5-R	24	5	21	P	New Well	0.
64 EPNG	JICARILLA A	3	24	5	22	A	5.1	250.7
65 CONOCO, INC.	NORTHEAST HAYNES	14	24	5	22	D	New Well	0.0
66 EPNG	JICARILLA P	12	24	5	22	M	2.8	177.3
67 M & M PROD. & OPER. CO.	JICARILLA APACHE	14	24	5	23	B	2.0	128.1
68 KEN BLACKFORD	JICARILLA 37B	2	24	5	23	D	11.5	487.8

OPERATOR	LEASE	WELL NO	LOCATION				1981	CUMULATI
			TNSHP	RNG	SECT	UNIT	ANN PROD (MMCF)	TO 1-1-8 (MMCF)
69 KEN BLACKFORD	JICARILLA 13	2	24	5	23	K	4.0	215.2
70 KEN BLACKFORD	JICARILLA 13	1	24	5	23	P	6.9	287.9
71 W. B. MARTIN	MARTIN-BLACKFORD J-37B	1	24	5	24	A	New Well	0.
72 KEN BLACKFORD	JICARILLA 37B	7	24	5	24	F	14.8	14.8
73 KEN BLACKFORD	JICARILLA 37B	5	24	5	24	M	11.0	818.5
74 KEN BLACKFORD	JICARILLA 37B	3	24	5	24	O	7.3	458.4
75 KEN BLACKFORD	JICARILLA 37B	6	24	5	25	C	13.6	51.5
76 KEN BLACKFORD	JICARILLA 37B	4	24	5	25	G	6.0	197.2
77 SENTINEL PETROLEUM	JICARILLA-ABEL	6	24	5	25	P	D&A 1965	0.
78 KEN BLACKFORD	JICARILLA 13	3	24	5	26	A	New Well	0.
79 RAYMOND OIL AND GAS	JICARILLA 26	1	24	5	26	P	D&A 1963	0.
80 J. J. HARRIS	JICARILLA	2	24	5	27	E	D&A 1955	0.
81 EPNG	JICARILLA P	3	24	5	27	L	8.1	497.7
82 EPNG	JICARILLA P	6	24	5	27	O	7.2	545.2
83 EPNG	JICARILLA P	10	24	5	28	C	3.0	272.9
84 EPNG	JICARILLA P	1	24	5	28	H	9.1	768.2
85 JAY J. HARRIS	JICARILLA	6	24	5	28	I	0.9	727.3
86 EPNG	JICARILLA P	9	24	5	28	K	0.6	238.8
87 JAMES L. LUDWICK	JICARILLA	6-J	24	5	28	O	New Well	0.
88 AMERADA HESS CORPORATION	JICARILLA APACHE B	5	24	5	29	D	7.4	818.4
89 AMERADA HESS CORPORATION	JICARILLA APACHE B	6	24	5	29	P	12.2	2069.9
90 AMERADA HESS CORPORATION	JICARILLA APACHE B	7	24	5	30	D	2.3	135.4
91 AMERADA HESS CORPORATION	JICARILLA APACHE B	8	24	5	30	P	3.8	367.5
92 CONOCO INC.	AXI APACHE H	4	24	5	31	A	4.2	459.9
93 CONOCO INC.	AXI APACHE H	15	24	5	31	D	7.9	382.0
94 CONOCO INC.	AXI APACHE H	5	24	5	31	M	2.5	630.8
95 CONOCO INC.	AXI APACHE H	13	24	5	31	P	9.8	962.8
96 CONOCO INC.	AXI APACHE H	10	24	5	32	A	1.5	253.1
97 CONOCO INC.	AXI APACHE H	2	24	5	32	D	4.4	648.0
98 CONOCO INC.	AXI APACHE H	9	24	5	32	M	5.5	826.8
99 CONOCO INC.	AXI APACHE H	3	24	5	32	P	3.5	955.7
00 EPNG	JICARILLA P	11	24	5	33	C	4.1	949.8
01 EPNG	JICARILLA P	8	24	5	33	H	1.6	805.3
02 CONOCO INC.	AXI APACHE C	5	24	5	33	M	1.8	553.6
03 CONOCO INC.	AXI APACHE C	4	24	5	33	P	4.0	650.9
04 EPNG	JICARILLA P	5	24	5	34	B	5.4	621.5
05 EPNG	JICARILLA P	7	24	5	34	E	0.8	161.3
06 CONOCO INC.	AXI APACHE C	3	24	5	34	M	4.6	937.5
07 CONOCO, INC.	APACHE AXI C	2	24	5	34	P	P&A 1976	87.6
08 AMERADA HESS CORP.	JICARILLA APACHE C	3	24	5	35	D	New Well	0.
09 AMERADA HESS CORPORATION	JICARILLA APACHE D	1	24	5	35	L	4.4	205.7
10 GEORGE A. BERNAT	JICARILLA ABEL CONTRACT 40	1	24	5	36	A	6.8	294.1
11 JOSEPH B. GOULD	JICARILLA	1	24	5	36	I	8.4	231.9
12 EPNG	JICARILLA D	10	25	4	30	I	S.I.	189.3
13 EPNG	JICARILLA D	9	25	4	32	A	10.8	99.5
14 EPNG	JICARILLA D	7	25	4	32	I	4.4	169.7

EXHIBIT NO. 3 (Cont.)

OPERATOR	LEASE	WELL NO	LOCATION				1981 ANN PROD (MMCF)	CUMULAT TO 1-1-81 (MMCF)
			TNSHP	RNG	SECT	UNIT		
115 EPNG	JICARILLA D	6	25	4	32	M	4.2	142.3
116 AMOCO PROD. CO.	JICARILLA CONTRACT 148	25	25	5	15	A	New Well	0.
117 AMOCO PROD. CO.	JICARILLA CONTRACT 148	6	25	5	15	F	7.1	203.4
118 AMOCO PROD. CO.	JICARILLA CONTRACT 148	7	25	5	15	P	9.2	274.8
119 AMERADA HESS CORPORATION	JICARILLA APACHE F	5	25	5	16	J	3.1	70.8
120 AMERADA HESS CORPORATION	JICARILLA APACHE F	2	25	5	17	D	3.6	116.8
121 AMERADA HESS CORPORATION	JICARILLA APACHE F	1	25	5	17	J	5.9	241.6
122 AMERADA HESS CORPORATION	JICARILLA APACHE F	3	25	5	18	D	8.5	421.0
123 AMERADA HESS CORPORATION	JICARILLA APACHE F	4	25	5	18	J	P&A	210.7
124 AMERADA HESS	JICARILLA APACHE F	15	25	5	18	K	New Well	0.
125 EPNG	JICARILLA 67	3	25	5	19	D	5.6	183.2
126 EPNG	JICARILLA 67	6	25	5	19	H	2.1	255.1
127 EPNG	JICARILLA 67	18	25	5	19	I	D&A 1977	0.
128 EPNG	JICARILLA 67	11	25	5	19	L	20.1	201.5
129 EPNG	JICARILLA	2	25	5	20	E	P&A 1963	0.8
130 EPNG	JICARILLA 67	7	25	5	20	G	6.5	282.0
131 EPNG	JICARILLA 67	1	25	5	20	P	16.2	752.2
132 AMERADA HESS CORPORATION	JICARILLA APACHE F	7	25	5	21	E	10.2	393.7
133 GETTY OIL CO.	JICARILLA C	3	25	5	21	M	14.9	929.3
134 GETTY OIL CO.	JICARILLA C	7	25	5	21	P	11.9	805.4
135 AMERADA HESS CORPORATION	JICARILLA APACHE F	12	25	5	22	B	12.8	44.4
136 GETTY OIL CO.	JICARILLA C	10	25	5	22	M	17.4	777.6
137 AMOCO PROD. CO.	JICARILLA CONTRACT 148	8	25	5	23	F	10.3	332.9
138 AMERADA HESS CORPORATION	JICARILLA APACHE A	2	25	5	24	J	2.5	311.7
139 AMERADA HESS CORPORATION	JICARILLA APACHE A	1	25	5	25	D	7.2	274.5
140 AMERADA HESS CORPORATION	JICARILLA APACHE A	8	25	5	26	N	21.7	194.7
141 AMERADA HESS CORPORATION	JICARILLA APACHE A	4	25	5	26	P	19.3	651.7
142 GETTY OIL CO.	JICARILLA C	8	25	5	27	E	15.1	729.1
143 GETTY	JICARILLA C	31	25	5	27	G	25.4	25.4
144 GETTY OIL CO.	JICARILLA C	19	25	5	27	I	17.4	622.8
145 GETTY OIL CO.	JICARILLA C	11	25	5	27	L	3.4	144.4
146 GETTY OIL CO.	JICARILLA C	4	25	5	28	A	14.5	1041.4
147 GETTY OIL CO.	JICARILLA C	17	25	5	28	D	11.6	647.5
148 SKELLY	JICARILLA 120 C	2	25	5	28	D	P&A 1964	175.0
149 GETTY OIL CO.	JICARILLA C	5	25	5	28	J	3.3	233.3
150 GETTY OIL CO.	JICARILLA C	9	25	5	28	K	0.5	808.3
151 EPNG	JICARILLA 67	8	25	5	29	A	29.2	1221.1
152 EPNG	JICARILLA CONTRACT 67	17	25	5	29	C	New Well	0.0
153 EPNG	JICARILLA 67	9	25	5	29	I	18.6	808.4
154 EPNG	JICARILLA 67	20	25	5	30	E	40.2	62.2
155 EPNG	JICARILLA 67	19	25	5	30	L	27.3	40.2
156 GETTY OIL COMPANY	JICARILLA B	19	25	5	31	N	13.1	39.2
157 GETTY OIL CO.	JICARILLA B	13	25	5	32	B	9.5	18.6
158 GETTY OIL CO.	JICARILLA B	5	25	5	32	L	19.1	64.7
159 GETTY OIL CO.	JICARILLA C	13	25	5	33	B	2.3	130.7
160 GETTY OIL CO.	JICARILLA C	12	25	5	33	C	0.1	84.1

EXHIBIT NO. 3 (Cont.)

OPERATOR	LEASE	WELL NO	LOCATION				1981	CUMULATI
			TNSHP	RNG	SECT	UNIT	ANN PROD (MMCF)	TO 1-1-8 (MMCF)
61 SUPRON ENERGY CORP.	JICARILLA L	1	25	5	33	J	0.3	146.7
62 GETTY OIL CO.	JICARILLA C	15	25	5	34	G	11.1	544.0
63 SUPRON ENERGY CORP.	JICARILLA L	7	25	5	34	L	0.5	0.5
64 WESTERN OIL & MINERALS	APACHE	1	25	5	35	J	9.9	243.0
65 ENERGY RESERVES GROUP	JICARILLA 35	4	25	5	35	M	2.9	15.9
66 ENERGY RESERVES GROUP	JICARILLA 35	5	25	5	36	J	17.1	122.2