

Exhibit No. ~~A~~ "B"

Gas and Liquid Allocation Calculations

LAF: Liquid Allocation Factor

GAF: Gas Allocation Factor

N: Total number of wells in the gathering system

n: nth individual well in the gathering system

$$LAF(n) = \frac{\text{Well Site Tank Liquid Volume, nth Well (bbl/mo)}}{\sum_{i=1}^N \text{Well Site Tank Liquid Volume, nth Well (bbl/mo)}}$$

$$GAF(n) = \frac{\text{Allocation Meter volume, nth Well (Mcf/mo)}}{\sum_{i=1}^N \text{Allocation Meter volume, nth Well (Mcf/mo)}}$$

N = 176 Wells for CDP #4

Liquids allocated from the CDP #4 tank back to the nth well:

$$Qn(\text{liquids}) = (LAFn)(\text{Total Liquids, CDP \#4 tank (bbl/mo)})$$

Gas allocated from central custody transfer meter at CDP #4 back to the nth well:

$$Qn(\text{gas}) = (GAFn)(\text{Total Gas, CDP \#4 Transfer Meter (Mcf/mo)})$$

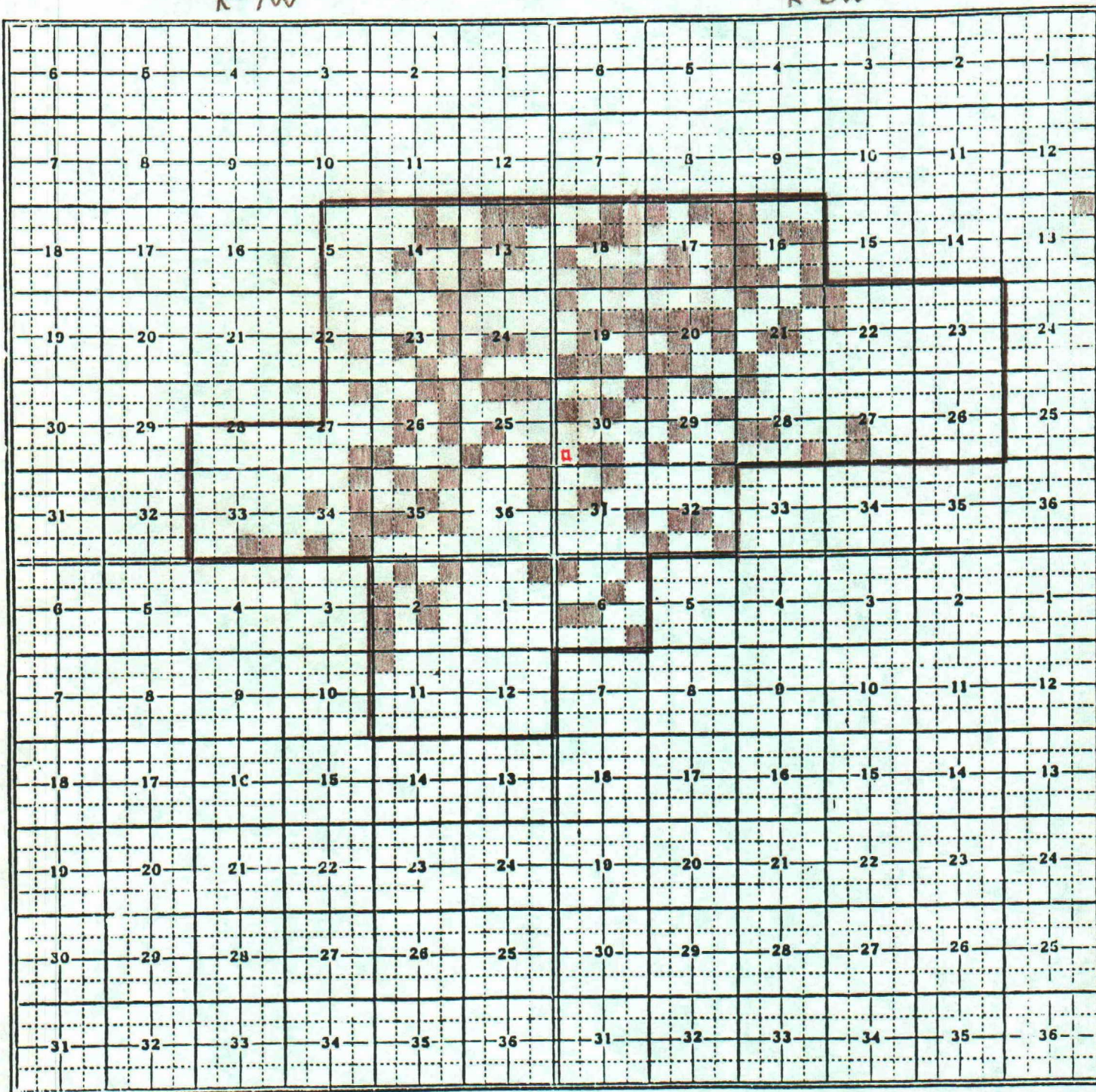
RINCON UNIT CDP No. 4

R-7W

R-6W

27N

26N



MAPPED BY: BEN STONE

RINCON UNIT

EXHIBIT 1

WELL No.	PROD ZONE	LOCATION		LEASE No.
		SEC-T-R	QTR/QTR	
1 E	MV/DK	30-27N-06W	SWNE	SF 079364
2	PC	06-26N-06W	NENE	SF 079302
3	PC	06-26N-06W	SESE	SF 079302-B
4	PC	31-27N-06W	NESE	SF 079364
5	PC	32-27N-06W	SESE	STATE E 290-13
9	PC	31-27N-06W	SENE	SF 079364
11	DK	06-26N-06W	NESW	SF 079301-A
13	PC	06-26N-06W	NWNW	SF 079301
16	PC	25-27N-07W	NENW	SF 079321
17	PC	02-26N-07W	NENW	STATE E 291-5
18 R	CH	35-27N-07W	NENW	SF 080385
18 R	PC	35-27N-07W	NENW	SF 080385
19	FC	30-27N-06W	SWNW	SF 079364
21	MV	16-27N-06W	NWSW	STATE E 290-1
21 A	MV	16-27N-06W	NWNW	STATE E 290-28
22	PC	23-27N-07W	NESE	SF 080385
23	MV	35-27N-07W	NWSW	SF 080385
24	PC	32-27N-06W	SWSW	STATE E 290-28
25	PC	36-27N-07W	NENE	STATE E 290-28
27	PC	13-27N-07W	SWSW	SF 079298
29 A	MV	22-27N-06W	NWNW	SF 079366
32	MV	16-27N-06W	SENE	STATE E 290-28
32 A	MV	16-27N-06W	SESE	STATE E 290-28
37	PC	26-27N-07W	NESW	SF 080385
38	PC	26-27N-07W	NESE	SF 080385
39	PC	26-27N-07W	SENE	SF 080385
40	PC	26-27N-07W	SENE	SF 080385
41	PC	35-27N-07W	NENE	SF 080385
42	PC	35-27N-07W	NESE	SF 080385
43	PC	25-27N-07W	NESW	SF 079321
44	PC	25-27N-07W	SESE	SF 079321
48	PC	30-27N-06W	SESW	SF 079364
49	PC	31-27N-06W	NWNE	SF 079364
51	PC	06-26N-06W	NWSW	SF 079301-A
52	PC	20-27N-06W	SENE	SF 079366
54	PC	14-27N-07W	SWNE	NM 012209
55	PC	02-26N-07W	NENE	STATE E 291
56	PC	02-26N-07W	NWSE	STATE E 291
57	DK	01-26N-07W	NENE	SF 079160
58	PC	24-27N-07W	SWSW	SF 079298-D
59	PC	24-27N-07W	NWSE	DF 079298-D
60	PC	25-27N-07W	NWNE	SF 079321
61	PC	30-27N-06W	NENE	SF 079364
62	PC	28-27N-06W	SESE	SF 079364
64	PC	23-27N-07W	SENE	SF 079360
65	PC	23-27N-07W	SWSE	SF 080385
67	PC	22-27N-07W	NESE	SF 079385
68	PC	27-27N-07W	SESE	SF 080385
70	PC	27-27N-07W	NENE	SF 080385
72	PC	33-27N-07W	SESE	SF 080213
75	PC	34-27N-07W	SENE	SF 080213
76	PC	34-27N-07W	SENE	SF 080213

1) BASIN DAKOTA
 2) BLANK MUSKOGEE
 3) SOUTH BLANK
 4) OTHER CHANCE
 5) BASIN FUTURE COAL

1) FC
 2) PC
 3) CH
 4) MV
 5) DK

RINCON UNIT

WELL No.	PR ZONE	LOCATION		LEASE No.
		SEC-T-R	QTR/QTR	
77	PC	34-27N-07W	SESE	SF 080285
78	MV	14-27N-07W	SWNE	NM 012209
79	MV	17-27N-06W	NENE	NM 013654
79 A	MV	17-27N-06W	NWNW	NM 013654
80	MV	18-27N-06W	NWNE	NM 013654
81	MV	17-27N-06W	NESW	SF 079052
81 A	MV	17-27N-06W	SESE	SF 079052
84	MV	26-27N-07W	NENE	SF 080385
87	PC	13-27N-07W	SESW	SF 079298-D
88	MV	13-27N-07W	SWNE	SF 079298-D
88	PC	13-27N-07W	SWNE	SF 079298-D
88 A	MV	13-27N-07W	NWSE	SF 079298
90	PC	02-26N-07W	SWSW	STATE E 291-35
91	PC	11-26N-07W	NWNW	SF 079160
97	MV	18-27N-06W	NWSW	SF 079404-A
97	PC	18-27N-06W	NWSW	SF 079404-A
97 A	MV	18-27N-06W	SESE	SF 079052
98	MV	21-27N-06W	NENE	SF 079366
98	PC	21-27N-06W	NENE	SF 079366
103	PC	16-27N-06W	NESE	STATE E 6443-4
104	PC	16-27N-06W	SWNW	STATE E 290-28
105	PC	17-27N-06W	NESE	NM 013654
106	PC	18-27N-06W	SWSE	SF 079052
107	MV	19-27N-06W	NESW	SF 079366
107	PC	19-27N-06W	NESW	SF 079366
108	DK	19-27N-06W	SWNE	SF 079366
108	MV	19-27N-06W	SWNE	SF 079366
108 A	MV	19-27N-06W	NESE	SF 079366
108 E	DK	19-27N-06W	SWSE	SF079366
108 E	GL	19-27N-06W	SWSE	SF079366
109	PC	19-27N-06W	NWNW	SF 079366
110	PC	19-27N-06W	SWSE	SF 079366
111	PC	20-27N-06W	SWNW	SF 079366
113	MV	20-27N-06W	SENE	SF 079366
114	PC	20-27N-06W	NESW	SF 079366
115	MV	21-27N-06W	NESW	SF 079366
115	PC	21-27N-06W	NESW	SF 079366
116	PC	21-27N-06W	NWNW	SF 079366
120	PC	22-27N-06W	SWNW	SF 079366
123	MV	13-27N-07W	SWSW	SF 079298
124	MV	34-27N-07W	SENE	SF 080385
126	DK	27-27N-06W	SESW	SF 079367-A
126	MV	27-27N-06W	SESW	SF 079367-A
127 M	DK	28-27N-06W	NWNW	SF079364
127 M	MV	28-27N-06W	NWNW	SF079364
128	DK	28-27N-06W	NWSW	SF 079364
128	MV	28-27N-06W	NWSW	SF 079364
129	DK	29-27N-06W	NESW	SF 079364
129	MV	29-27N-06W	NESW	SF 079364
129 M	DK	29-27N-06W	SESE	SF 079364
129 M	MV	29-27N-06W	SESE	SF 079364
130	DK	32-27N-06W	NENE	STATE E 290-28
130	MV	32-27N-06W	NENE	STATE E 290-28

OTERO CNACLA

RINCOM UNIT

L X11111 1

WELL No.	PROD ZONE	LOCATION		LEASE No.
		SEC-T-R	QTR/QTR	
130 E	GL/DK	32-27N-06W	NWSE	STATE E 290-2B
133	DK	14-27N-07W	NESW	SF 079298-D
135	DK	29-27N-06W	NWNE	SF 079364
135	MV	29-27N-06W	NWNE	SF 079364
135 A	MV	29-27N-06W	SWNW	SF 079364
135 A	PC	29-27N-06W	SWNW	SF 079364
135 E	DK	29-27N-6W	NWNW	SF079364
135 E	GL	29-27N-6W	NWNW	SF079364
136	DK	23-27N-07W	NENE	SF 079360
136 E	DK	23-27N-7W	NWNW	SF 079360
136 E	MV	23-27N-7W	NWNW	SF 079360
137	DK	24-27N-07W	NESW	SF 079298-D
137	MV	24-27N-07W	NESW	SF 079298-D
137 E	DK	24-27N-7W	NWSE	SF 079298-D
137 E	MV	24-27N-7W	NWSE	SF 079298-D
138	DK	25-27N-07W	NENE	SF 079321
139	DK	25-27N-07W	NESW	SF 079321
149	DK	30-27N-06W	SESW	SF 079364
149	MV	30-27N-06W	SESW	SF 079364
150	DK	06-26N-06W	NENE	SF 079302
150	MV	06-26N-06W	NENE	SF 079302
151	DK	14-27N-07W	NWNE	NM 012209
151 M	DK	14-27N-7W	SWSE	NM012209
151 M	MV	14-27N-7W	SWSE	NM012209
154	PC	30-27N-06W	SWSE	SF 079364
155	DK	17-27N-06W	SWSW	SF 079052
156	DK	16-27N-06W	SWSW	STATE E 290-28
157	DK	18-27N-06W	SESW	SF 079052
159	DK	18-27N-06W	SWNE	NM 013654
159 M	MV/DK	18-27N-06W	SESW	NM013654
161	DK	17-27N-06W	SENE	NM 013654
162	PC	27-27N-06W	NESW	SF 079367-A
163	PC	29-27N-06W	SWSW	SF 079364
164	DK	02-26N-07W	NWSW	STATE E 291-35
164	GL	02-26N-07W	NWSW	STATE E 291-35
166	DK	32-27N-06W	NESW	STATE E 290-3
167	DK	13-27N-07W	NWNE	SF 079298-D
167 M	MV/DK	13-27N-07W	NENW	SF079298-D
168	DK	36-27N-07W	NENE	STATE E 290-28
169	DK	26-27N-07W	NESW	SF 080385
170	DK	20-27N-06W	SWSW	SF 079366
170 M	DK	20-27N-6W	NESE	SF079366
170 M	MV	20-27N-6W	NESE	SF079366
171	DK	21-27N-06W	SWSW	SF 079366
171 M	DK	21-27N-06W	NWSE	SF 079366
171 M	MV	21-27N-06W	NWSE	SF 079366
172	DK	26-27N-07W	NWNE	SF 080385
174	DK	19-27N-06W	SESW	SF 079366
174 M	DK	19-27N-06W	SESW	SF 079366
174 M	MV	19-27N-06W	SESW	SF 079366
175	DK	20-27N-06W	SWNE	SF 079366
175 M	MV/DK	20-27N-06W	SESW	SF 079366
177	DK	13-27N-07W	NWSW	SF 079298

SOUTH BLAKE TOWNSHIP
GALLUP

OTERO CARRERA

LARGE GROUP

41
2/28

RINCON UNIT

WELL No.	PROD ZONE	LOCATION		LEASE No.
		SEC-T-R	QTR/QTR	
178	DK	23-27N-07W	NESW	SF 080385
179	DK	16-27N-06W	SWNE	STATE E 290-28
180	DK	21-27N-06W	SWNE	SF 079366
180 M	DK	21-27N-06W	NWNW	SF 079366
180 M	MV	21-27N-06W	NWNW	SF 079366
186	DK	33-27N-07W	SWSE	SF 080213
187	DK	35-27N-07W	NENE	SF 080385
190	PC	17-27N-06W	NWNE	NM 013654
193	DK	35-27N-07W	NESW	SF 080385
194	PC	16-27N-06W	SWNE	STATE E 290-28
195	PC	19-27N-06W	SWNE	SF 079366
197	PC	28-27N-06W	NESW	SF 079366
199	PC	14-27N-07W	SWSE	NM 012219
201	DK	02-26N-07W	SWNE	STATE E 291-3
202	DK	27-27N-07W	NENE	SF 080385
223	MV/CH	34-27N-07W	NESE	SF 080385
223 A	MV/CH	34-27N-07W	SESW	SF 080213
229	DK	34-27N-07W	NESE	SF 080213
233	MV/CH	02-26N-07W	NWSW	STATE E 291-35
234	MV/CH	02-26N-07W	SWNW	STATE E 291-35
240	FC	21-27N-06W	NESW	SF 079366
243	FC	27-27N-06W	NESW	SF 079367-A
251	FC	28-27N-06W	NESW	SF 079366
252	FC	18-27N-06W	SWNE	NM 013654
253	FC	17-27N-06W	SESW	SF 079052
254	FC	20-27N-06W	SWNW	SF 079366
255	FC	20-27N-06W	SESW	SF 079366
256	FC	16-27N-06W	SESW	STATE E 290-28
257	FC	16-27N-06W	SWNE	STATE E 290-28
258	FC	17-27N-06W	SENE	NM 013654
259	FC	29-27N-06W	SENE	SF 079366
261	FC	29-27N-06W	SWSW	SF 079366
263	FC	19-27N-06W	SENE	SF 079366
264	FC	19-27N-06W	SWSW	SF 079366
265	FC	30-27N-06W	SWNE	SF 079366
274	FC	36-27N-07W	SENE	STATE E 289-3
276	FC	13-27N-06W 7	NENE	SF 079298
277	FC	13-27N-07W	SESW	SF 079298
278	FC	14-27N-07W	SENE	NM 012209
279	FC	14-27N-07W	NESW	SF 079298
281	FC	23-27N-07W	NENE	SF 079360
286	FC	26-27N-07W	SWSW	SF 080385
291	FC	34-27N-07W	NENE	SF 080385
292	FC	35-27N-07W	NESW	SF 080385
293	FC	35-27N-07W	SWNE	SF 080385
294	FC	02-26N-07W	NENE	STATE E 291-3
300	FC	06-26N-06W	SWNE	SF 079302
301	FC	25-27N-07W	SWSW	SF 079321