United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

'95 JUL 14 AM 8 52

IN REPLY RE

June 22, 1995

Rincon(Gallup, Mesaverde, Tocito PA)
3180 (07327)

Ms. Heather Dahlgren
Union Oil Company of California
14141 Southwest Freeway
Sugar Land, Texas 77478

RE: RINCON UNIT
Paying well Determinations
Rio Arriba County, New Mexico

Dear Ms. Dahlgren:

In response to your letter dated May 16, 1995, the Farmington District Office (FDO) has reviewed the data you submitted for paying well determinations for the wells listed below. Our decision on the paying status of each well submitted is summarized in the table below.

WELL	LOCATION	FORMATION	PAYING STATUS
186M RINCON	33M-T27N-R7W	DAKOTA	NONPAYING
303 RINCON	33E-T27N-R7W	DAKOTA	NONPAYING
229E RINCON	34E-T27N-R7W	DAKOTA	NONPAYING
150 RINCON *	6A-T26N-R6W	GL/TOCITO	NONPAYING
192E RINCON	1D-T26N-R7W	GALLUP	NONPAYING
201E RINCON	2J-T26N-R7W	GALLUP	NONPAYING
137E RINCON	24J-T27N-R7W	GALLUP	NONPAYING
168E RINCON	36I-T27N-R7W	GALLUP	NONPAYING
182E RINCON	26J-T27N-R6W	GALLUP	NONPAYING
136E RINCON	23D-T27N-R7W	MESAVERDE	NONPAYING
108E RINCON	19O-T27N-R6W	CHACRA	NONPAYING
57E RINCON	10-T26N-R7W	GALLUP	PAYING
130E RINCON*	32J-T27N-R6W	GL/TOCITO	PAYING
126M RINCON	27P-T27N-R6W	MESAVERDE	PAYING

* These wells will be tested to make sure production is allocated to the correct formations.

The three wells listed above as paying wells require participating areas (PA) either to be established or revised. We have summarized the actions needed for these wells.

Since the No. 57E well is not contiguous to the existing Gallup PA, a separate PA is required. This PA will be called the Gallup "A" PA.

The No. 130E well, which is also not contiguous to the existing Gallup PA, will be called the Gallup "B" PA. If production testing indicates the Tocito interval is also contributing to production, then allocation will have to be made to the existing Tocito PA.

The No. 126M well, will become the Fifteenth expansion to the Mesa Verde PA. This action would add the SW/4 of section 27 to the contiguous Mesa Verde PA. The remaining 160 acre in the SW/4 of section 27, that includes the No. 126 well, will continue to be reported on a lease basis.

The No.150 well was determined non-paying, therefore, its Gallup production should be reported on a lease basis. If production testing indicates there is Tocito production, then allocation must be made to the Tocito PA.

Although not part of this application, a change in the dedicated acreage for No. 229 well to the E/2 of section 34 and to the W/2 for the No. 229E well should be made to conform to existing Dakota PA boundaries.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the order(s) described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 27115, Santa Fe, New Mexico 87502-0115. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 ***et seq.***

If you have any questions regarding this correspondence, please contact Joe Hewitt at (505) 599-6365.

Sincerely,

/s/ Duane Spencer

Duane Spencer
Chief, Branch of Reservoir Management

bcc:

MMS, RMP, MS-3240, Denver, CO
MNOCD, Santa Fe, NM
Commissioner of Public Lands, Santa Fe,NM

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

May 24, 1995

IN REPLY REFER TO:
Rincon Unit (MV PA)
3180 (07327)

Ms. Heather Dahlgren
Unocal Energy Resources Division
14141 Southwest Freeway
Sugar Land, TX 77478

Dear Ms. Dahlgren:

Gentlemen:

On May 9, 1995, we received a notice of additional wells drilled inside the Rincon Unit Mesaverde Participating Area (PA). By virtue of being drilled inside the existing PA, the wells on the enclosed list are automatically part of this PA. The submitted list is therefore accepted for the record.

Sincerely,

/s/ Duane Spencer

Duane W. Spencer
Chief, Branch of Reservoir Management

Enclosure-1
1-List of wells

bcc:
MMS, RMP, MS-3240, Denver, CO (w/encl.)
NMOCD, Santa Fe,NM (w/encl.)
Comm. Pub. Land, Santa Fe,NM (w/encl.)

Unocal Energy Resources Division
Unocal Corporation
14141 Southwest Freeway
Sugar Land, Texas 77478
Telephone (713) 287-7227
Facsimile (713) 287-7388

UNOCAL 76

May 9, 1995

David L. Ellingson
Asset Manager
Rocky Mountain Asset Group
Central U.S. Business Unit

Bureau of Land Management
Farmington Resource Area
1235 La Plata Hwy.
Farmington, New Mexico 87401
Attn.: Duane Spencer
Chief Branch Reservoir Mgt.

Re: Inclusion of 1994 Infill Mesaverde Wells in the Blanco Mesaverde Formation Participating Area, Rincon Unit, Rio Arriba County, New Mexico

Gentlemen:

Union Oil Company of California, as operator of the Rincon Unit, completed four Mesaverde wells in 1994. One of these wells is located within the existing Rincon Unit Blanco Mesaverde Gas Formation participating area and is considered by Unocal to be a participating well.

Enclosed please find the description of this well and a map outlining the Blanco Mesaverde Participating Area with the location of this well. If you have any questions please contact me at (713) 287-7481.

Sincerely,
Union Oil Company of California
DBA Unocal

Heather Dahlgren
Reservoir Technician

1994 BLANCO MESAVERDE

WELL NAME	UNIT LTR	PLAT	ACRES	S-T-R
Rincon Unit 302	C	W 1/2	320	11-26N-7W

Rio Arriba County, New Mexico

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

May 24, 1995

IN REPLY REFER TO:
Rincon Unit (DK PA)
3180 (07327)

Ms. Heather Dahlgren
Unocal Energy Resources Division
14141 Southwest Freeway
Sugar Land, TX 77478

Dear Ms. Dahlgren:

Gentlemen:

On May 9, 1995, we received a notice of additional wells drilled inside the Rincon Unit Dakota Participating Area (PA). By virtue of being drilled inside the existing PA, the wells on the enclosed list are automatically part of this PA. The submitted list is therefore accepted for the record.

Sincerely,

/s/ Duane Spencer

Duane W. Spencer
Chief, Branch of Reservoir Management

Enclosure-1
1-List of wells

bcc:
MMS, RMP, MS-3240, Denver, CO (w/encl.)
NMOCD, Santa Fe,NM (w/encl.)
Comm. Pub. Land, Santa Fe,NM (w/encl.)

Unocal Energy Resources Division
Unocal Corporation
14141 Southwest Freeway
Sugar Land, Texas 77478
Telephone (713) 287-7227
Facsimile (713) 287-7388

UNOCAL 76

May 9, 1995

David L. Ellingson
Asset Manager
Rocky Mountain Asset Group
Central U.S. Business Unit

Bureau of Land Management
Farmington Resource Area
1235 La Plata Hwy.
Farmington, New Mexico 87401
Attn.: Duane Spencer
Chief Branch Reservoir Mgt.

Re: Inclusion of 1994 Infill Dakota Wells in the Basin Dakota Gas Formation Participating Area, Rincon Unit, Rio Arriba County, New Mexico

Gentlemen:

Union Oil Company of California, as operator of the Rincon Unit, drilled ten Infill Basin Dakota wells in 1994. Seven of these wells are located within the existing Rincon Unit Basin Dakota Gas Formation participating area and are considered by Unocal to be participating wells.

Enclosed please find a list of these wells and a map outlining the Basin Dakota Participating Area with the location of these wells. If you have any questions please contact me at (713) 287-7481.

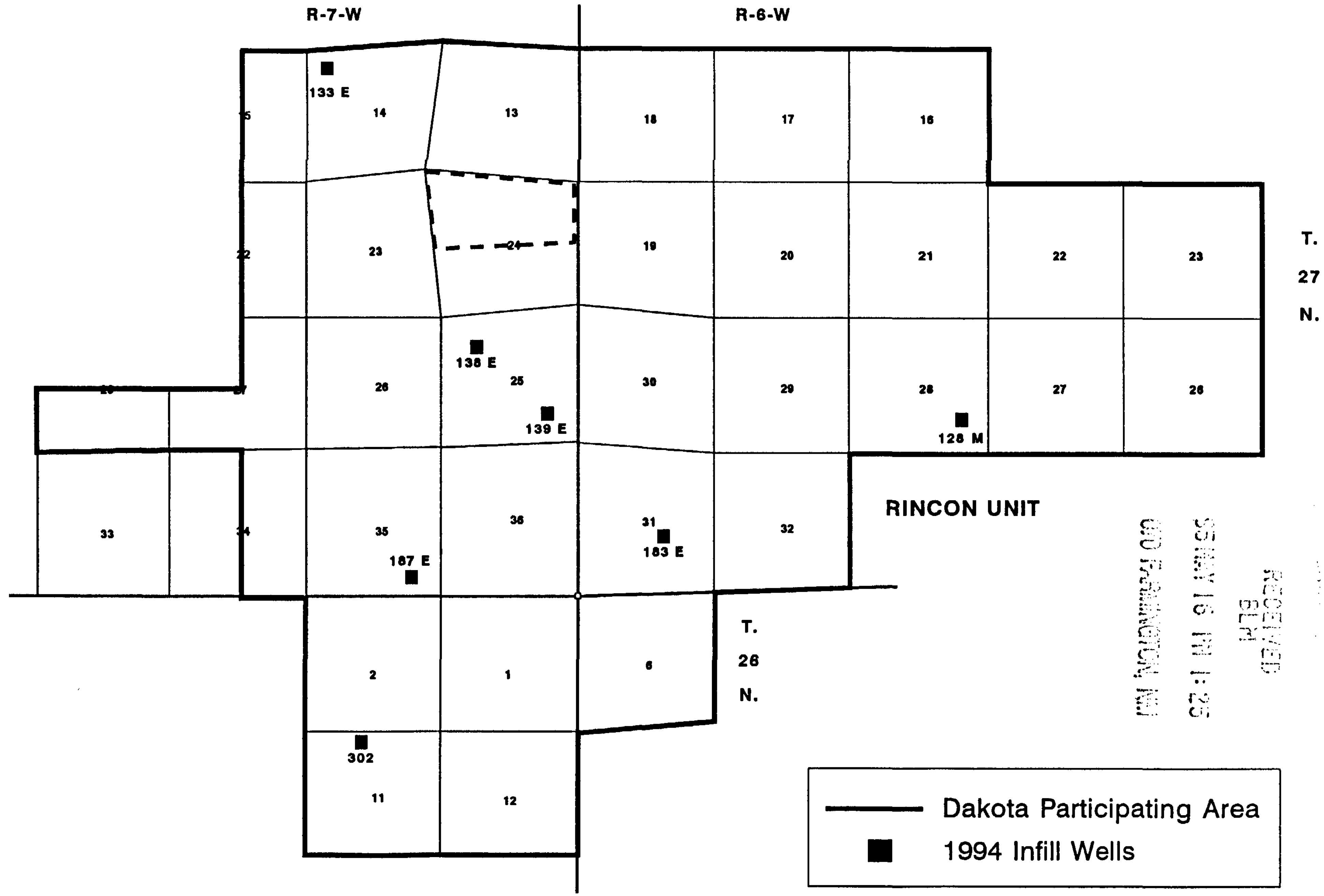
Sincerely,
Union Oil Company of California
DBA Unocal

Heather Dahlgren

Heather Dahlgren
Reservoir Technician

1994 INFILL BASIN DAKOTA

WELL NAME	UNIT LTR	PLAT	ACRES	S-T-R
Rincon Unit 128M	P	S 1/2	320	28-27N-6W
Rincon Unit 133E	D	W 1/2	320	14-27N-7W
Rincon Unit 138E	F	N 1/2	320	25-27N-7W
Rincon Unit 139E	P	S 1/2	320	25-27N-7W
Rincon Unit 183E	J	S 1/2	320	31-27N-6W
Rincon Unit 187E	P	E 1/2	320	35-27N-7W
Rincon Unit 302	C	W 1/2	320	11-26N-7W



Rio Arriba County, New Mexico

2-11-95
D-Unit letter
Thr R
Ky

Unocal Energy Resources Division
Unocal Corporation
14141 Southwest Freeway
Sugar Land, Texas 77478
Telephone (713) 287-7227
Facsimile (713) 287-7388

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UNOCAL 76

February 8, 1995

#299

David L. Ellingson
Asset Manager
Rocky Mountain Asset Group
Central U.S. Business Unit

U.S. Department of the Interior
Bureau of Land Management
Farmington District
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, NM 87504-1148

Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87504-2088

RE: 1994 REVIEW OF OPERATIONS
1995 PLAN OF DEVELOPMENT
Rincon Unit
Rio Arriba County, New Mexico

Gentlemen:

Union Oil Company of California (UNOCAL) as the operator of the Rincon Unit in Rio Arriba County, New Mexico, submits the following 1995 Plan of Development and 1994 Review of Operations for your approval.

1994 REVIEW OF OPERATIONS

During 1994, the following wells were drilled and completed within the unit:

WELL NAME	POOL	LOCATION
Rincon Unit No. 183E	Basin Dakota	SE Sec. 31, T27N, R6W
Rincon Unit No. 133E	Blanco Mesaverde/Basin Dakota	NW Sec. 14, T27N, R7W
Rincon Unit No. 128M	Blanco Mesaverde/Basin Dakota	SE Sec. 28, T27N, R6W
Rincon Unit No. 302	Blanco Mesaverde/Basin Dakota	NW Sec. 11, T26N, R7W
Rincon Unit No. 229E	Basin Dakota	SW Sec. 34, T27N, R7W
Rincon Unit No. 303	Basin Dakota	NW Sec. 33, T27N, R7W
Rincon Unit No. 187E	Basin Dakota	SE Sec. 35, T27N, R7W

Rincon Unit No. 138E	Blanco Mesaverde/Basin Dakota	SE Sec. 25, T27N, R7W
Rincon Unit No. 139E	Blanco Mesaverde/Basin Dakota	NW Sec. 25, T27N, R7W
Rincon Unit No. 186M	Basin Dakota	SW Sec. 33, T27N, R7W

The Rincon #302 was originally permitted to be dualled in the Largo Gallup. However, the Gallup was absent, and the well was re-permitted and dualled in the Blanco Mesaverde.

The following zones were abandoned in 1994:

WELL NAME	POOL		LOCATION
Rincon Unit No.			
150	Blanco Mesaverde	NE	6-26N-6W
166	Basin Dakota (T&A w/BP)	SW	32-27N-6W

The following wells were plugged and abandoned:

WELL NAME	POOL		LOCATION
Rincon Unit No.			
7	S. Blanco Pictured Cliffs	NW	1-26N-7W
37	S. Blanco Pictured Cliffs	SW	26-27N-7W
46	S. Blanco Pictured Cliffs	NE	1-26N-7W
47	S. Blanco Pictured Cliffs	SW	1-26N-7W
95	S. Blanco Pictured Cliffs	SE	22-27N-7W
189	Otero Chacra	NW	12-26N-7W
238	Otero Chacra	NE	22-27N-7W

Attached production curves reflect the past production history by horizon.

1995 PLAN OF DEVELOPMENT

The drilling and completion of the following twenty wells is proposed for 1995:

WELL NAME	POOL		LOCATION
Rincon Unit No.			
130 F	So. Blanco Tocito/Basin Dakota	SE	32-27N-6W
164 E	Largo Gallup/Basin Dakota	NW	2-26N-7W
185 E	Blanco Mesaverde/Basin Dakota	SE	22-27N-7W
131 E	Blanco Mesaverde/Basin Dakota	NW	36-27N-7W
178 E	Blanco Mesaverde/Basin Dakota	SE	23-27N-7W
149 M	Blanco Mesaverde/Basin Dakota	NW	30-27N-6W
150 E	So. Blanco Tocito/Basin Dakota	NW	6-26N-6W
176 E	Blanco Mesaverde/Basin Dakota	NW	31-27N-6W

166 E	Blanco Mesaverde/Basin Dakota	NW	32-27N-6W
11 E	So. Blanco Tocito/Basin Dakota	SE	6-26N-6W
304	Blanco Mesaverde/Basin Dakota	NE	11-26N-7W
304 M	Blanco Mesaverde/Basin Dakota	SE	11-26N-7W
231 E	Blanco Mesaverde/Basin Dakota	NW	12-26N-7W
177 E	So. Blanco Pictured Cliffs/Basin Dakota	SE	13-27N-7W
134 E	Blanco Mesaverde/Basin Dakota	SE	12-26N-7W
227 E	Blanco Mesaverde/Basin Dakota	SW	28-27N-7W
303 E	Blanco Mesaverde/Basin Dakota	NE	33-27N-7W
124 A	Blanco Mesaverde/Basin Dakota	NW	34-27N-7W
193 M	Blanco Mesaverde/Basin Dakota	NW	35-27N-7W
302 E	Otero Chacra/Basin Dakota	SW	11-26N-7W

The Rincon #183E was permitted to be dualled in the So. Blanco Tocito. The zone was tested and found to be non-productive in 1994. The well will be re-permitted and completed in the Blanco Mesaverde in 1995.

The Rincon #186M was permitted to be dualled in the Largo Gallup. The well was drilled in 1994 and the Gallup sand found to be of poor quality. Thus, the well will be re-permitted and completed in the Blanco Mesaverde in 1995.

The following wells were permitted for Largo Gallup/Basin Dakota completions. The wells were drilled in 1994 and completed in the Basin Dakota only. The Largo Gallup sides will be tested and completed in 1995.

WELL NAME	LOCATION
Rincon Unit No.	
187E	SE Sec. 35, T27N, R7W
229E	SW Sec. 34, T27N, R7W
303	NW Sec. 33, T27N, R7W

The following wells are proposed to be plugged and abandoned during 1995:

WELL NAME	POOL		LOCATION
Rincon Unit No.			
10	S. Blanco Pictured Cliffs	NW	36-27N-7W
121	S. Blanco Pictured Cliffs	SE	23-27N-6W
198	S. Blanco Pictured Cliffs	NE	32-27N-6W

An undetermined number of re-completions will be performed. The wells and horizons have not been identified as yet. Sundry notices will be filed when necessary.

Facilities
1995:

Lateral #4: It is proposed to change the point of discharge of Lateral #4 compressors from EPNG's high pressure system (500 psig MAOP) to low pressure system (250 psig MAOP). Compressors will be restaged for incremental throughout capacity. Point of discharge & restaging should occur in February, 1995.

U-28 Line Loop: It is proposed to loop, with 8-5/8" line pipe, a portion of EPNG's gathering system known as U-28. This line loop will relieve high gathering system pressure in the northwest portion of the Unit and improve deliverabilities.

Very truly yours,

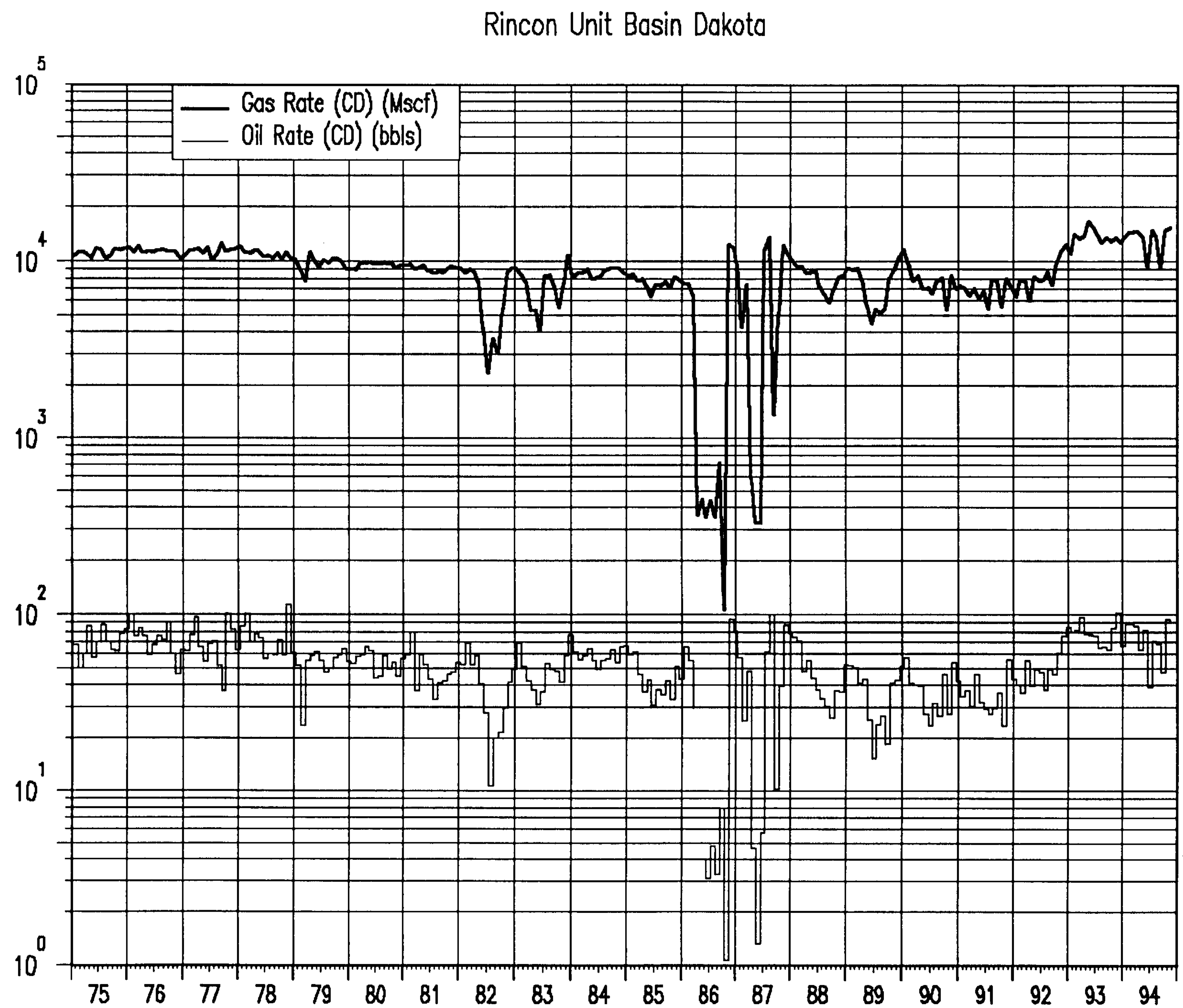
Union Oil Company of California
dba UNOCAL

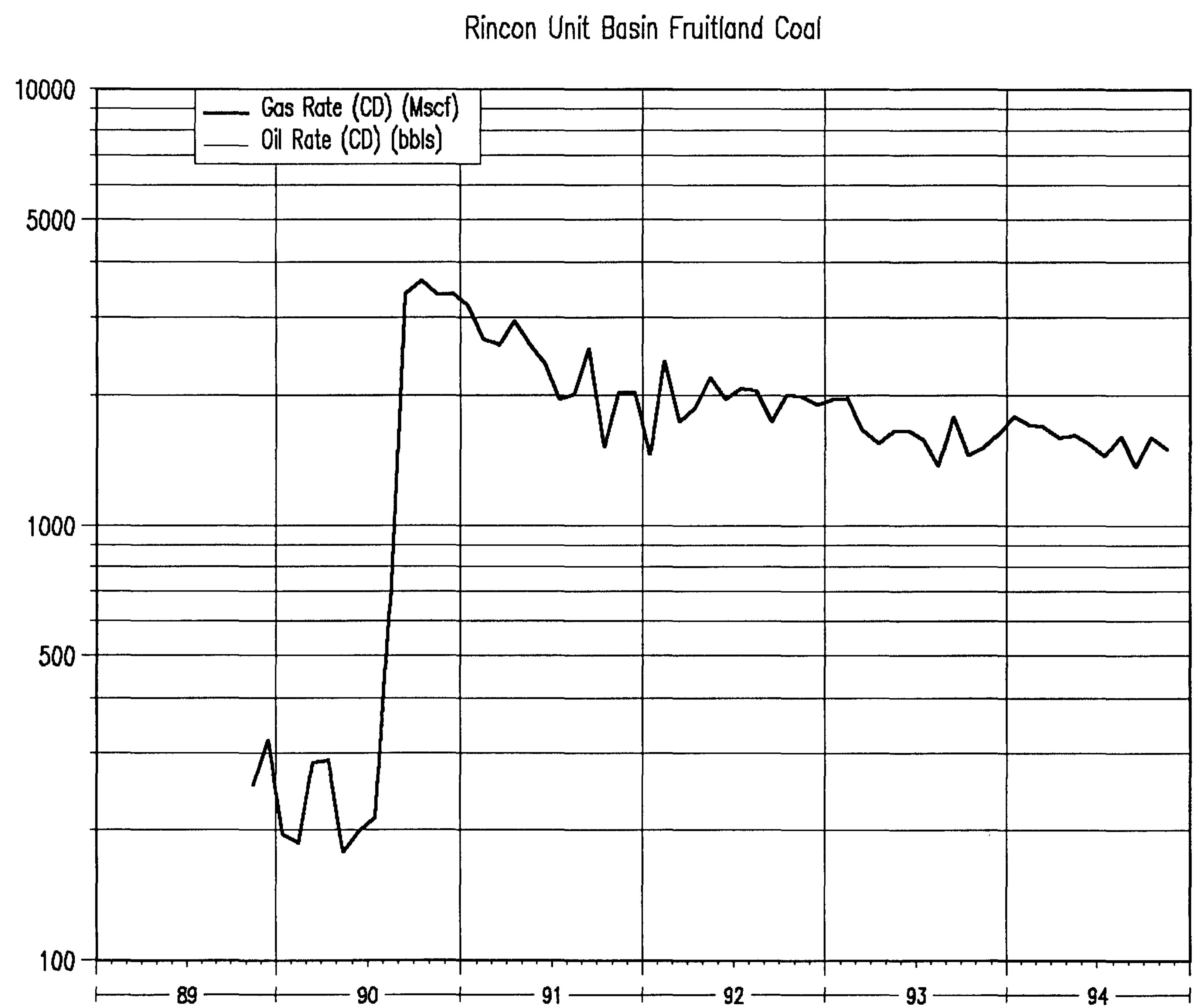
David L. Ellingson

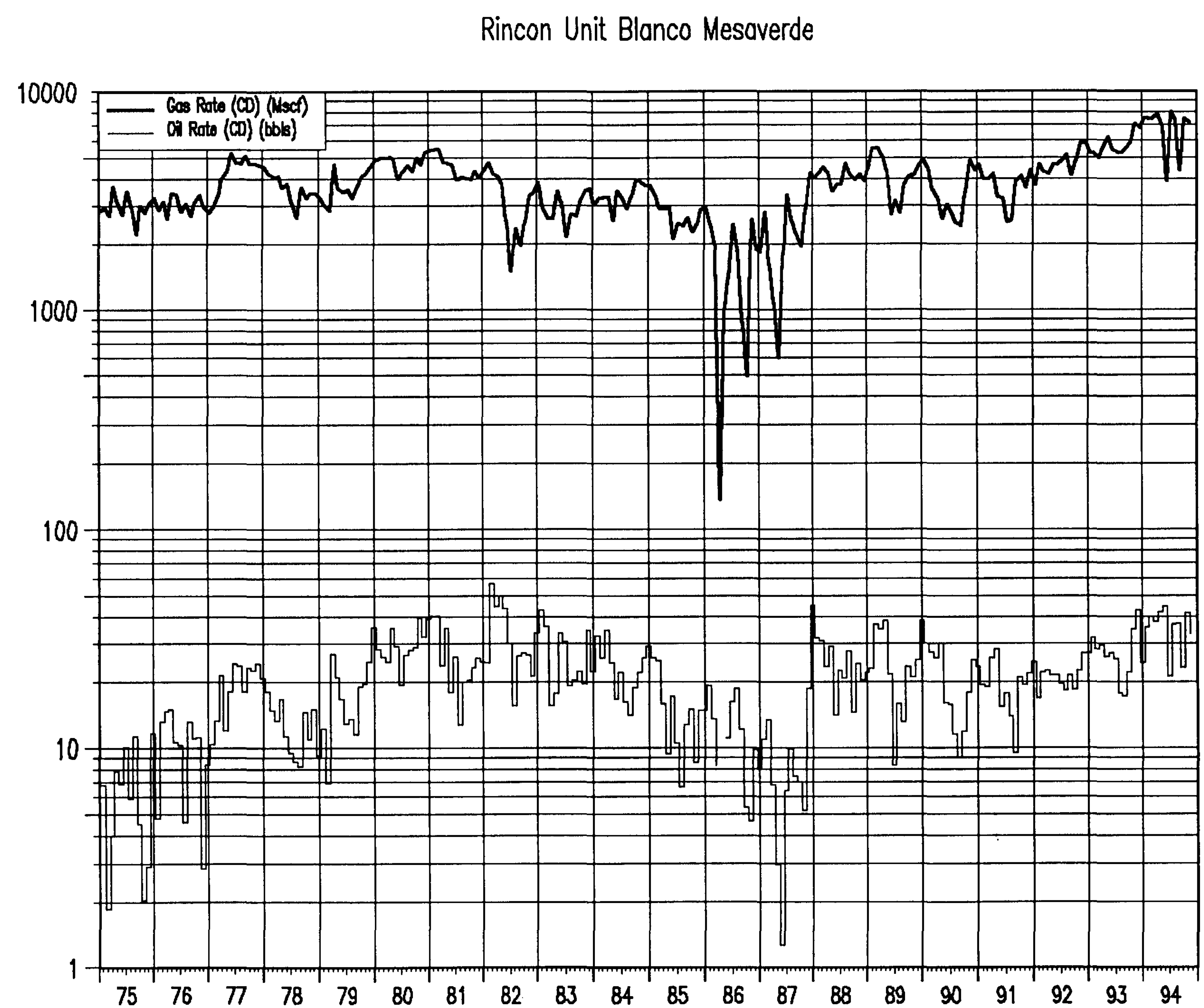
David L. Ellingson
Rocky Mountain Asset Manager

Attachments

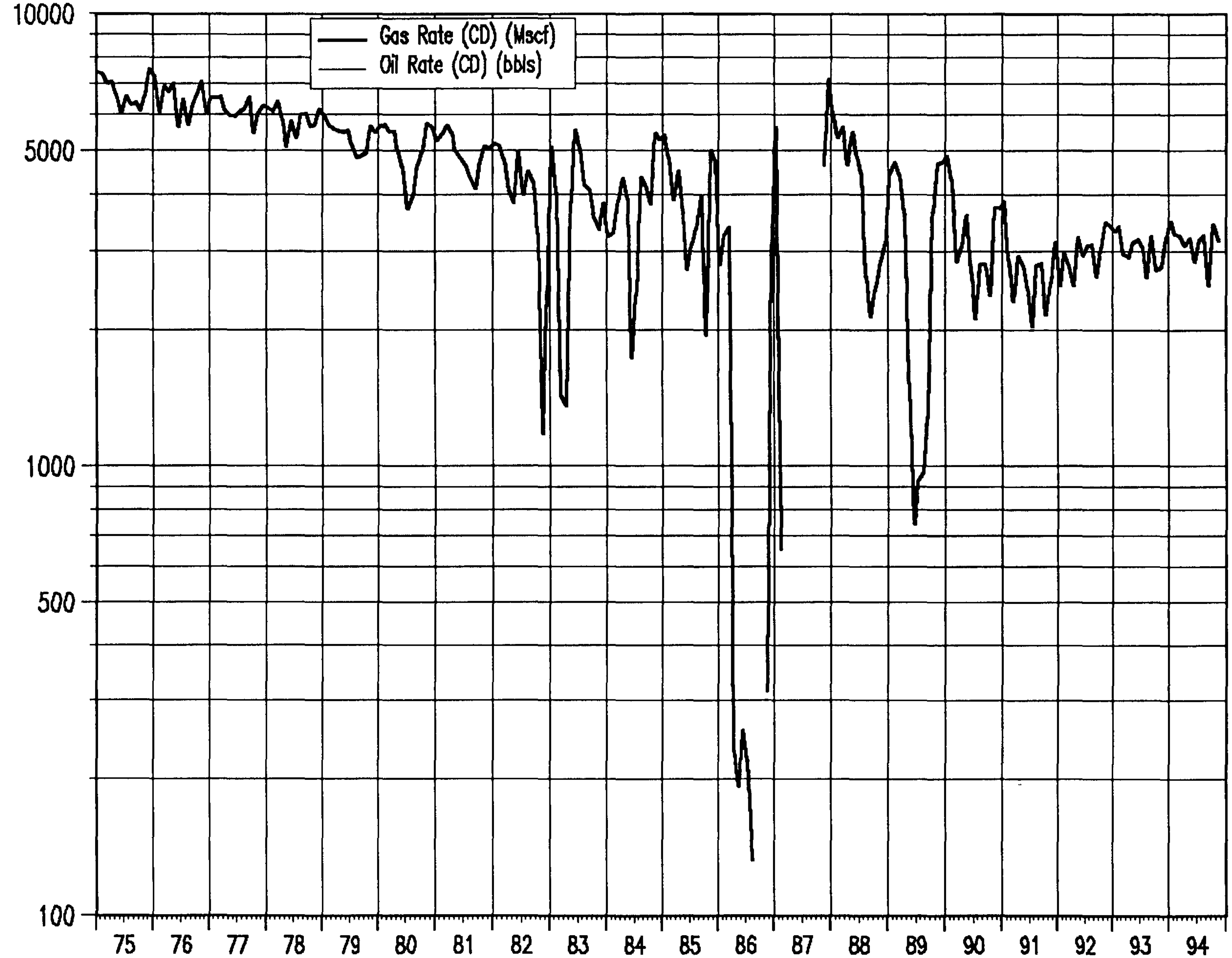
BKM/bt0195


Rincon Unit Basin Dakota
Gas Rate (CD) (Mscf)
Oil Rate (CD) (bbls)
10^5
10^4
10^3
10^2
10^1
10^0
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94

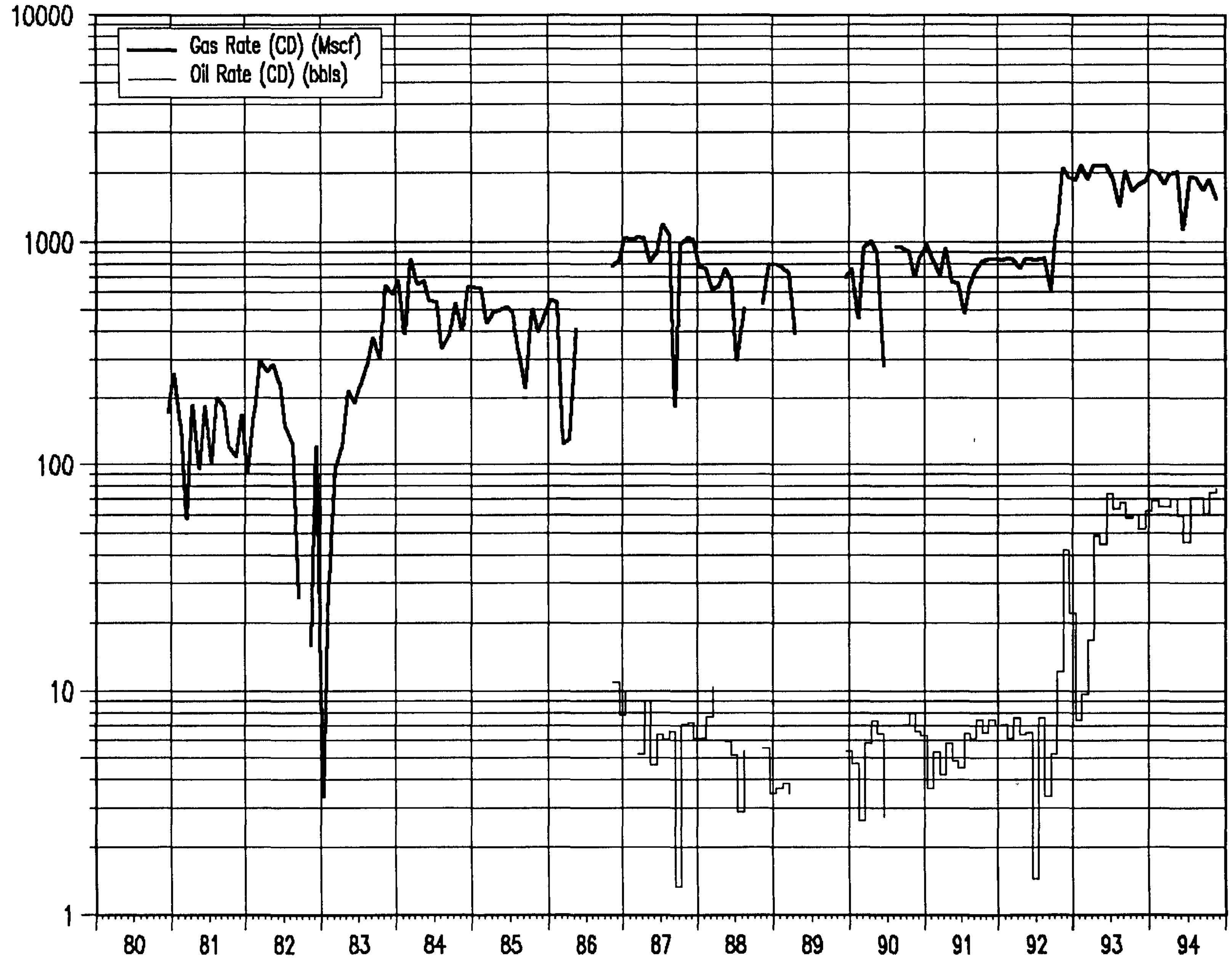

Rincon Unit Basin Fruitland Coal
Gas Rate (CD) (Mscf)
Oil Rate (CD) (bbls)
10000
5000
1000
500
100
89
90
91
92
93
94


Rincon Unit Blanco Mesaverde
Gas Rate (CD) (Mscf)
Oil Rate (CD) (bbls)
10000
1000
100
10
1
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94

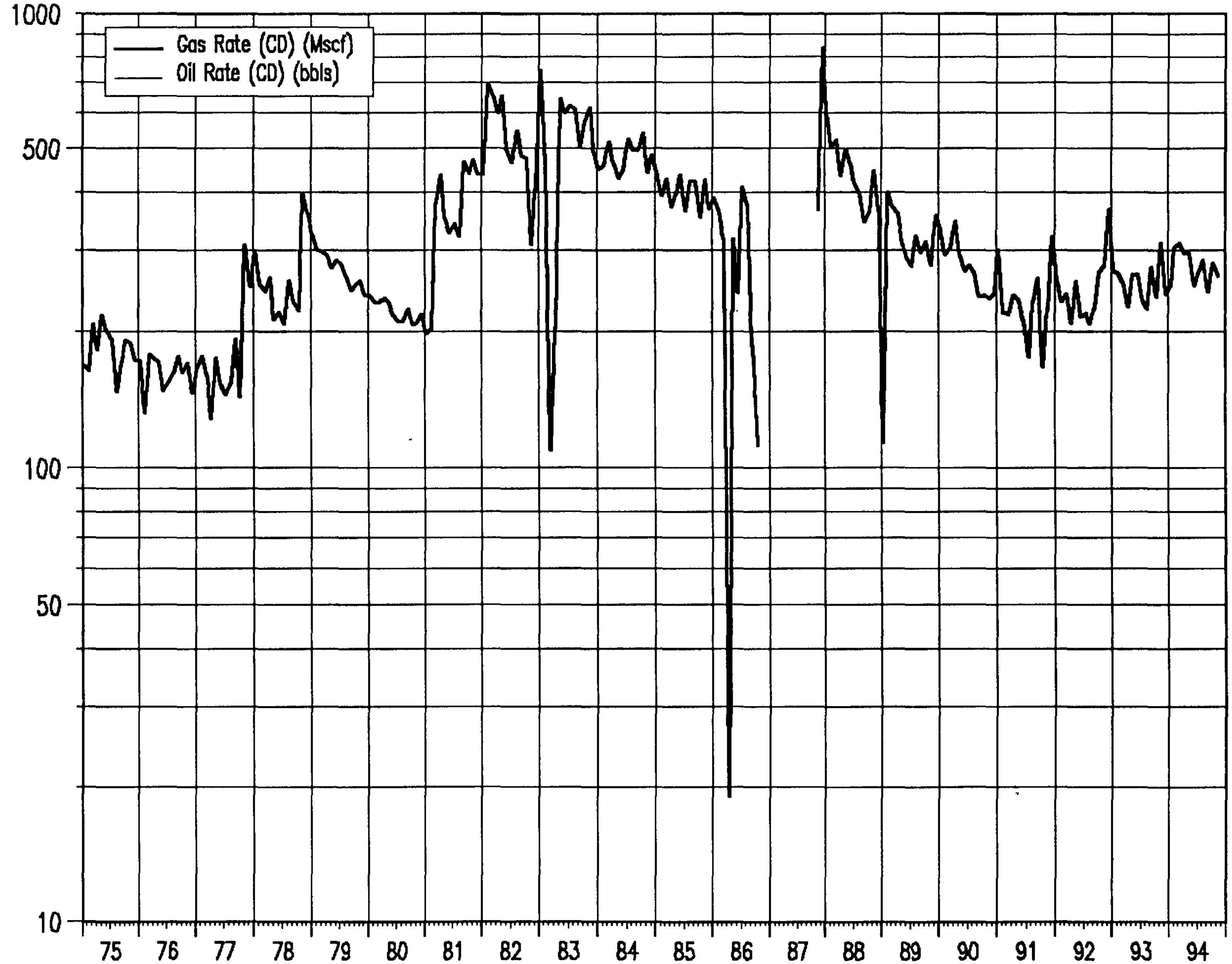
Rincon Unit Blanco So. Pictured Cliffs



Rincon Unit Gallup



Rincon Unit Otero Chacra



Unocal Oil & Gas Division
Unocal Corporation
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401
Telephone (505) 326-7600
Fax: (505) 326-6145

UNOCAL 76

February 1, 1994

Farmington District

U.S. Department of the Interior
Bureau of Land Management
Farmington District
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87504-1148

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: 1993 REVIEW OF OPERATIONS
1994 PLAN OF DEVELOPMENT
Rincon Unit
Rio Arriba County, New Mexico

Gentlemen:

Union Oil Company of California (UNOCAL) is the operator of the Rincon Unit In Rio Arriba County, New Mexico.

1993 REVIEW OF OPERATIONS

During 1992, the following zones were completed within the unit:

WELL NAME	FORMATION	LOCATION
Rincon Unit No.		
166	South Blanco Tocito	SW Sec. 32, T27N, R6W
150	South Blanco Tocito	NE Sec. 6, T26N, R6W

The following zone was abandoned:

WELL NAME	FORMATION	LOCATION
Rincon Unit No.		
150	Blanco Mesaverde	NE Sec. 6, T26N, R6W

The following well was plugged and abandoned:

WELL NAME	FORMATION	LOCATION
Rincon Unit No.		
35	Fruitland Coal	SW Sec. 34, T27N, R7W

Attached production curves reflect the past production history by horizon.

FACILITIES

1993:

Lateral #1:

A gas gathering system, Rincon Unit Lateral #1, was completed. The system, which consists of 7.5 miles of pipelines, gathers gas from 28 producing wells. The gas collected in this system flows to a central point, where it is compressed. The compression allows for lower system operating pressures, which has increased gas flow rates and reserves. The compressor site consists of, an inlet separator (36" dia x 10' hgt), a 450 BHP gas-fired clean-burn two-stage compressor, and a gas sales meter. The gas from this system is delivered to El Paso Natural Gas Company (EPNG).

Lateral #4 (EPNG Straddle):

The Rincon Unit working interest owners negotiated an agreement with El Paso Natural Gas to allow for compression to be set downstream of 203 existing unit wells. Approximately seven miles of pipeline modification were necessary to reconfigure the EPNG gas gathering system. The gas from these wells flows to a central site (CPD #4) where compression was installed. Two 1000 BHP gas-fired clean-burn two-stage reciprocating compressors were installed to lower the system pressure, thereby increasing flow rates and reserves from the wells. The fenced compressor site consists of; three inlet metering stations, an inlet vertical scrubber (48" dia x 10' hgt), an inlet and discharge manifold header system, a fuel gas dehydrator, a gas sales meter, and an automatic by-pass. The gas from this lateral is delivered back to EPNG.

1994 PLAN OF DEVELOPMENT

The drilling and completion of the following twenty wells is proposed for 1994:

WELL NAME	FORMATION	LOCATION
Rincon Unit No.		
11E	So. Blanco Tocito/Basin Dakota	SE Sec. 6, T26N, R6W
150E	So. Blanco Tocito/Basin Dakota	NW Sec. 6, T26N, R6W
130F	So. Blanco Tocito/Basin Dakota	SE Sec. 32, T27N, R6W
166E	So. Blanco Tocito/Basin Dakota	NW Sec. 32, T27N, R6W
183E	So. Blanco Tocito/Basin Dakota	SE Sec. 31, T27N, R6W
176E	So. Blanco Tocito/Basin Dakota	NW Sec. 31, T27N, R6W
133E	Blanco Mesaverde/Basin Dakota	NW Sec. 14, T27N, R7W
128M	Blanco Mesaverde/Basin Dakota	SE Sec. 28, T27N, R6W
302	Largo Gallup/Basin Dakota	NW Sec. 11, T26N, R7W
164E	Largo Gallup/Basin Dakota	NW Sec. 2, T26N, R7W
229E	Largo Gallup/Basin Dakota	SW Sec. 34, T27N, R7W
303	Largo Gallup/Basin Dakota	NW Sec. 33, T27N, R7W
187E	Largo Gallup/Basin Dakota	SE Sec. 35, T27N, R7W
138E	Blanco Mesaverde/Basin Dakota	SE Sec. 25, T27N, R7W
139E	Blanco Mesaverde/Basin Dakota	NW Sec. 25, T27N, R7W
131E	Blanco Mesaverde/Basin Dakota	NW Sec. 36, T27N, R7W
149E	Blanco Mesaverde/Basin Dakota	NW Sec. 30, T27N, R6W
178E	Blanco Mesaverde/Basin Dakota	SE Sec. 23, T27N, R7W
185E	Blanco Mesaverde/Basin Dakota	SE Sec. 22, T27N, R7W
186M	Largo Gallup/Basin Dakota	SW Sec. 33, T27N, R7W

The following wells will be dualled with an existing completion or recompleted to a different formation:

WELL NAME	FORMATION	LOCATION
Rincon Unit No.		
189	South Blanco Pictured Cliffs	NW Sec. 12, T26N, R7W
231	Otero Chacra	SW Sec. 12, T26N, R7W
158	Undesignated Gallup	SE Sec. 22, T27N, R6W
254	South Blanco Pictured Cliffs	NE Sec. 20, T27N, R6W
186	Largo Gallup	SE Sec. 33, T27N, R7W

The following wells will be plugged and abandoned:

WELL NAME	FORMATION	LOCATION
Rincon Unit No.		
7	Pictured Cliffs	NW Sec. 1, T26N, R7W
46	Pictured Cliffs	NE Sec. 1, T26N, R7W
47	Pictured Cliffs	SW Sec. 1, T26N, R7W
95	Pictured Cliffs	SE Sec. 12, T26N, R7W
238	Otero Chacra	NE Sec. 22, T27N, R7W

WELL NAME	FORMATION	LOCATION
Rincon Unit No.		
37	Pictured Cliffs	SW Sec. 26, T27N, R7W
10	Pictured Cliffs	NW Sec. 36, T27N, R7W
121	Pictured Cliffs	SE Sec. 23, T27N, R6W
198	Pictured Cliffs	NE Sec. 32, T27N, R6W

FACILITIES

1994:

Lateral #3:

The Rincon Unit owners are in the process of negotiating an agreement to straddle EPNG's gas gathering system, with compression, downstream of ten existing unit wells. The gas from these wells will be delivered to a central site where separation facilities and compression will be installed. The compressor will lower the gathering system pressures against which the wells operate, thus increasing flow rates and reserves from these wells. The compressor site will consist of, an inlet vertical scrubber, a 100 BHP gas-fired rotary compressor, and a gas sales meter. The gas from this lateral will be delivered back to EPNG.

UNOCAL believes that all unit drilling obligations have been met. However, additional wells to prevent drainage or to meet other regulatory requirements will be assessed and drilled as the need arises.

This plan has been sent to each Rincon Unit Working Interest Owner. All work listed herein is subject to partner and management approval.

Sincerely,

Union Oil Company of California
dba UNOCAL

Glen O. Papp
Field Superintendent

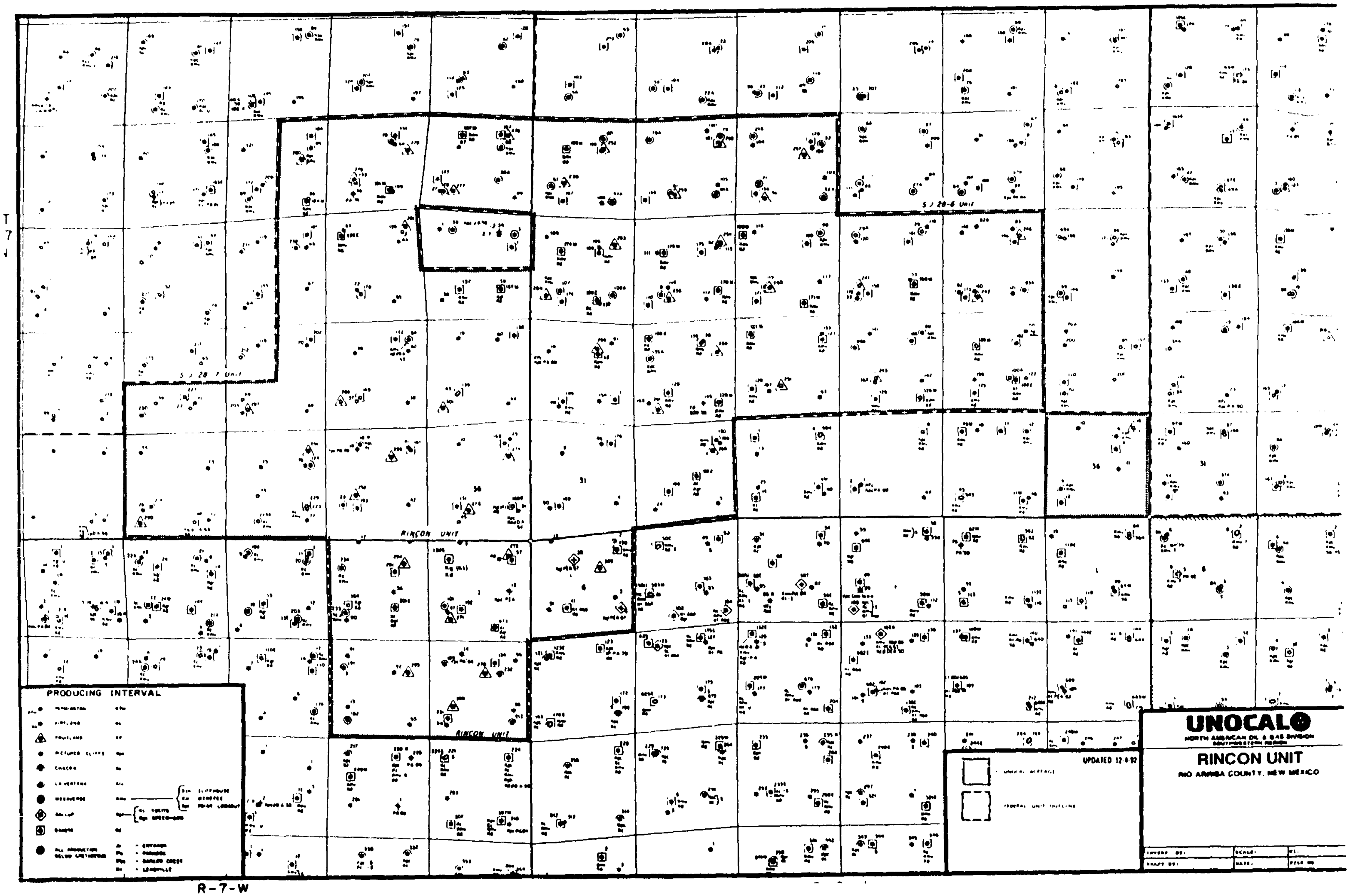
Attachments

GOP/DLD/df

RINCON UNIT WELL COUNT

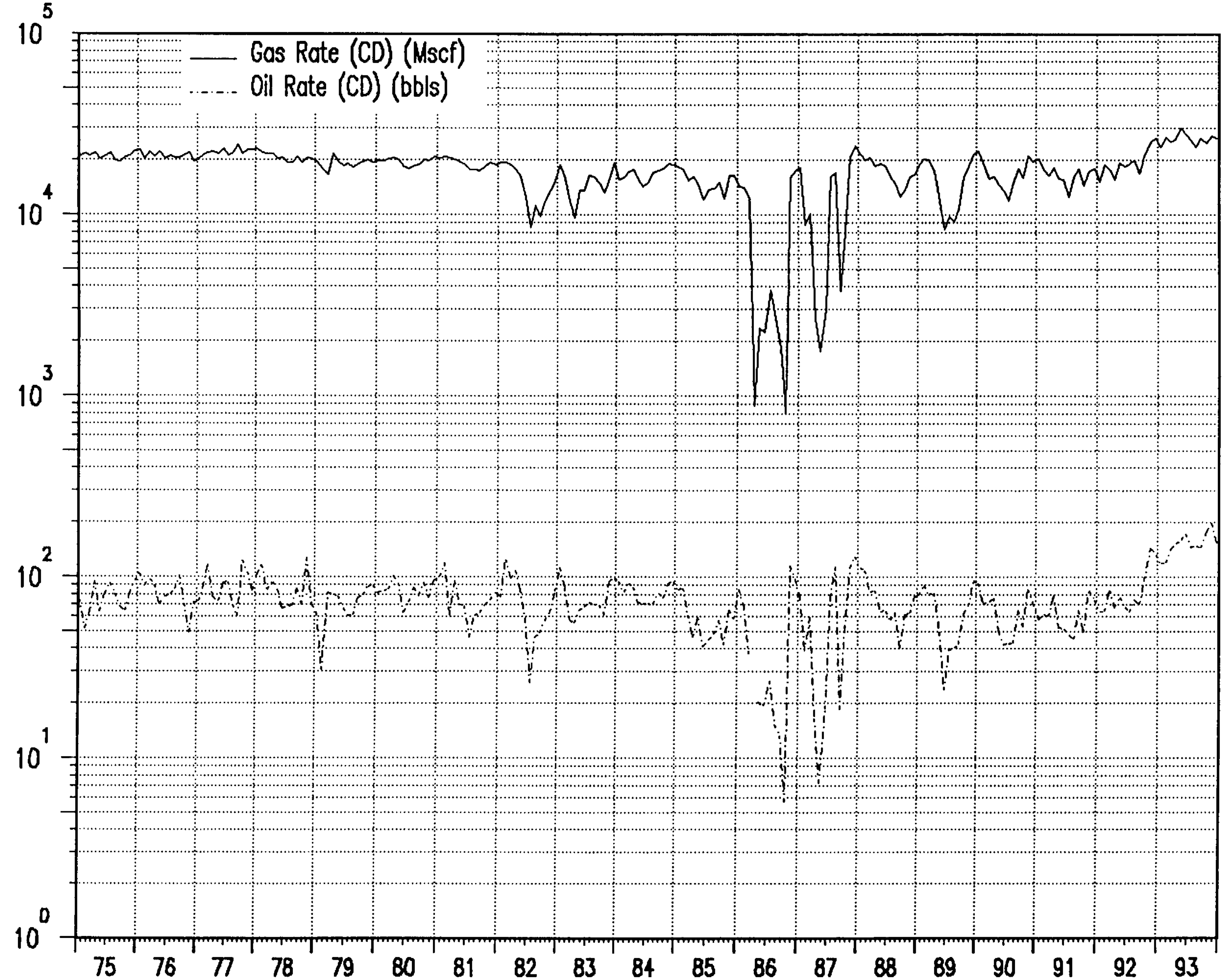
BY FORMATION

FORMATION	PRODUCING	PLUGGED AND ABANDONED
Fruitland Coal	44	1
Pictured Cliffs	106	7
Chacra	13	2
Mesaverde	68	2
Gallup	9	-0-
Dakota	85	-0-
TOTAL	325	12



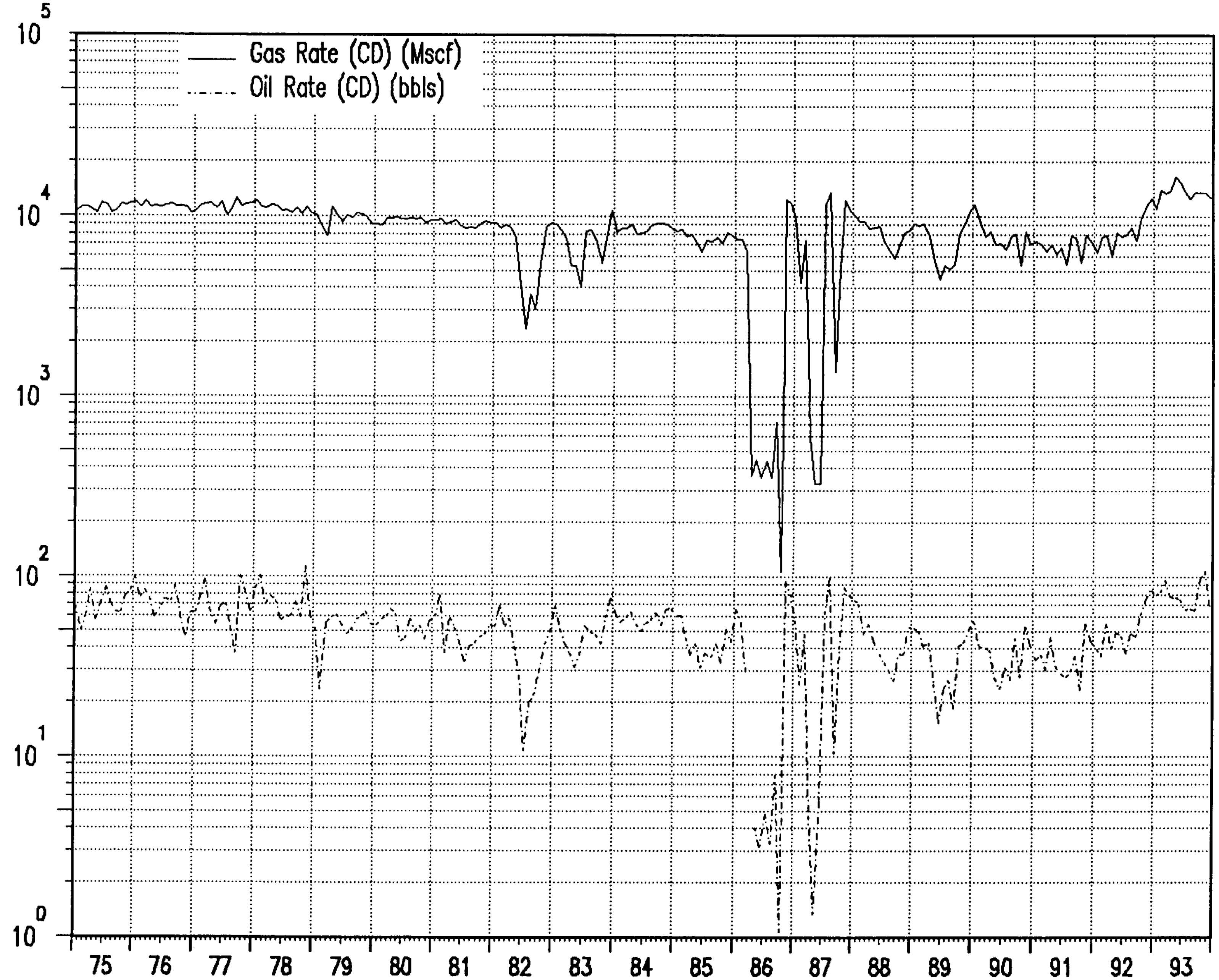
UNOCAL
NORTH AMERICAN OIL & GAS DIVISION
SOUTHWESTERN REGION
RINCON UNIT
RIO ARRIBA COUNTY, NEW MEXICO
UPDATED 12-4-92
PRODUCING INTERVAL
RINCON UNIT
S J 28-6 Unit
S J 28 7 Unit
R-7-W
T 27 N

RINCON UNIT
ALL FORMATIONS



Mon Jan 31 10:54:30 1994

RINCON UNIT
DAKOTA FORMATION



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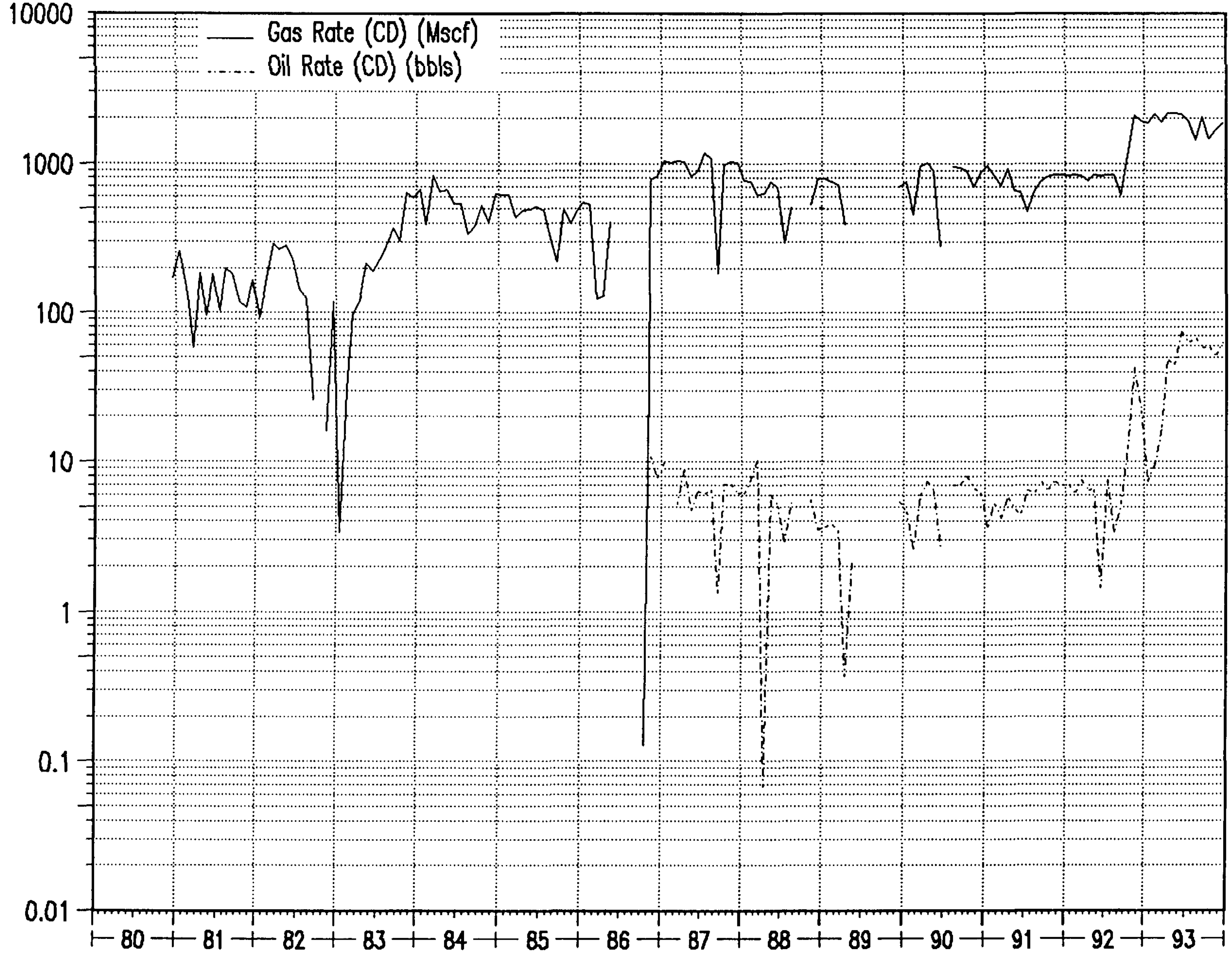
RINCON UNIT
GALLUP FORMATION



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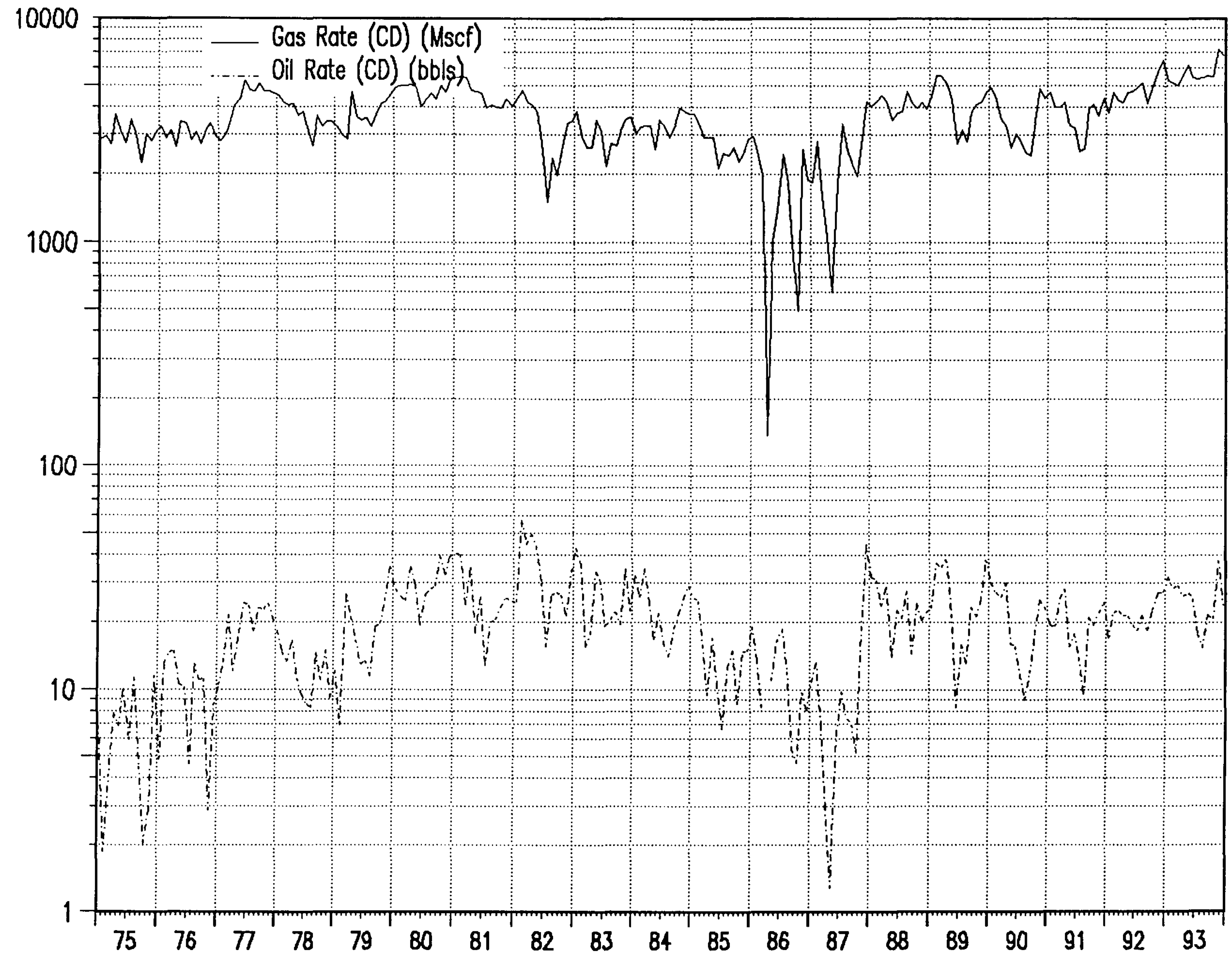
MESAVERDE FORMATION



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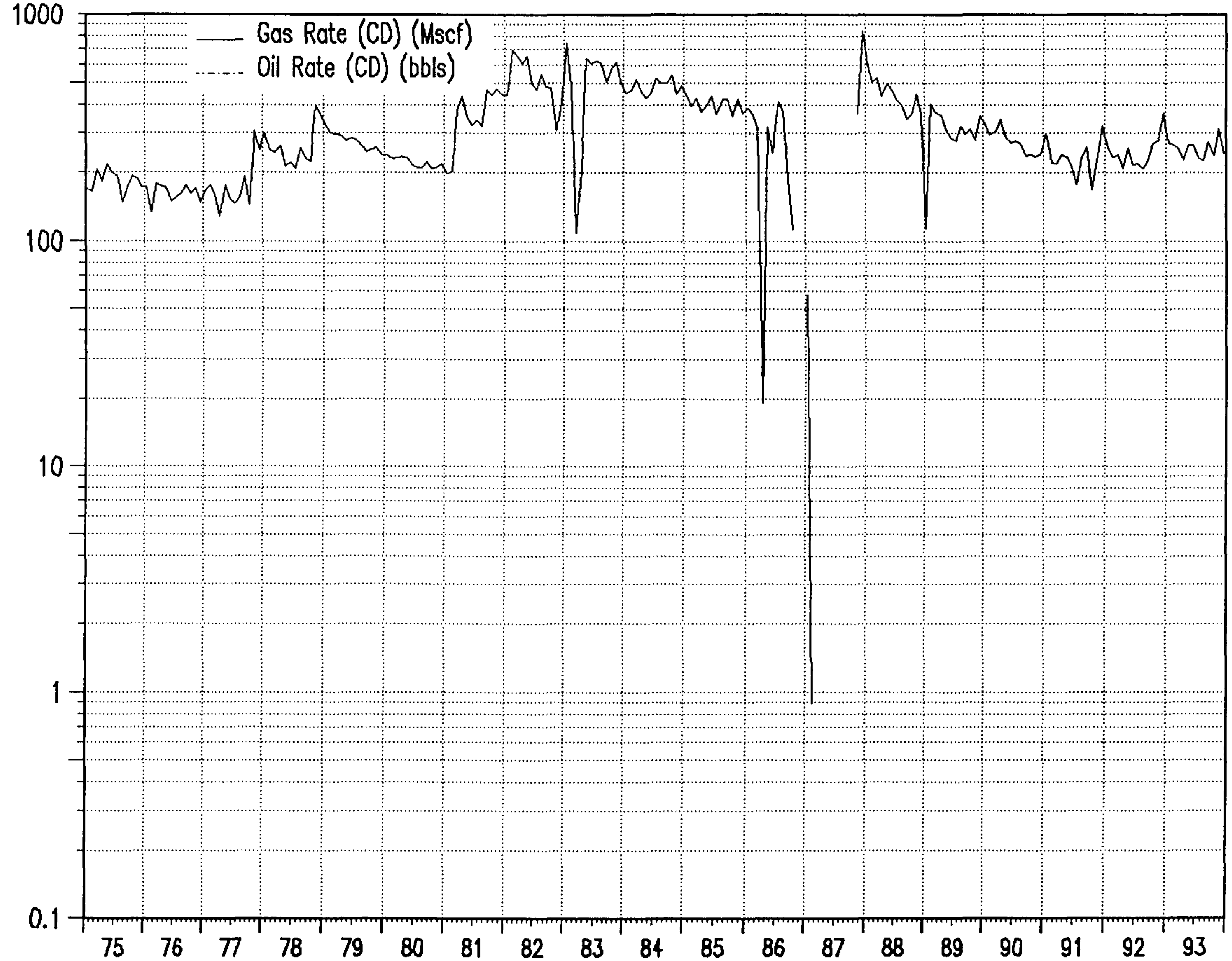
CHACRA FORMATION



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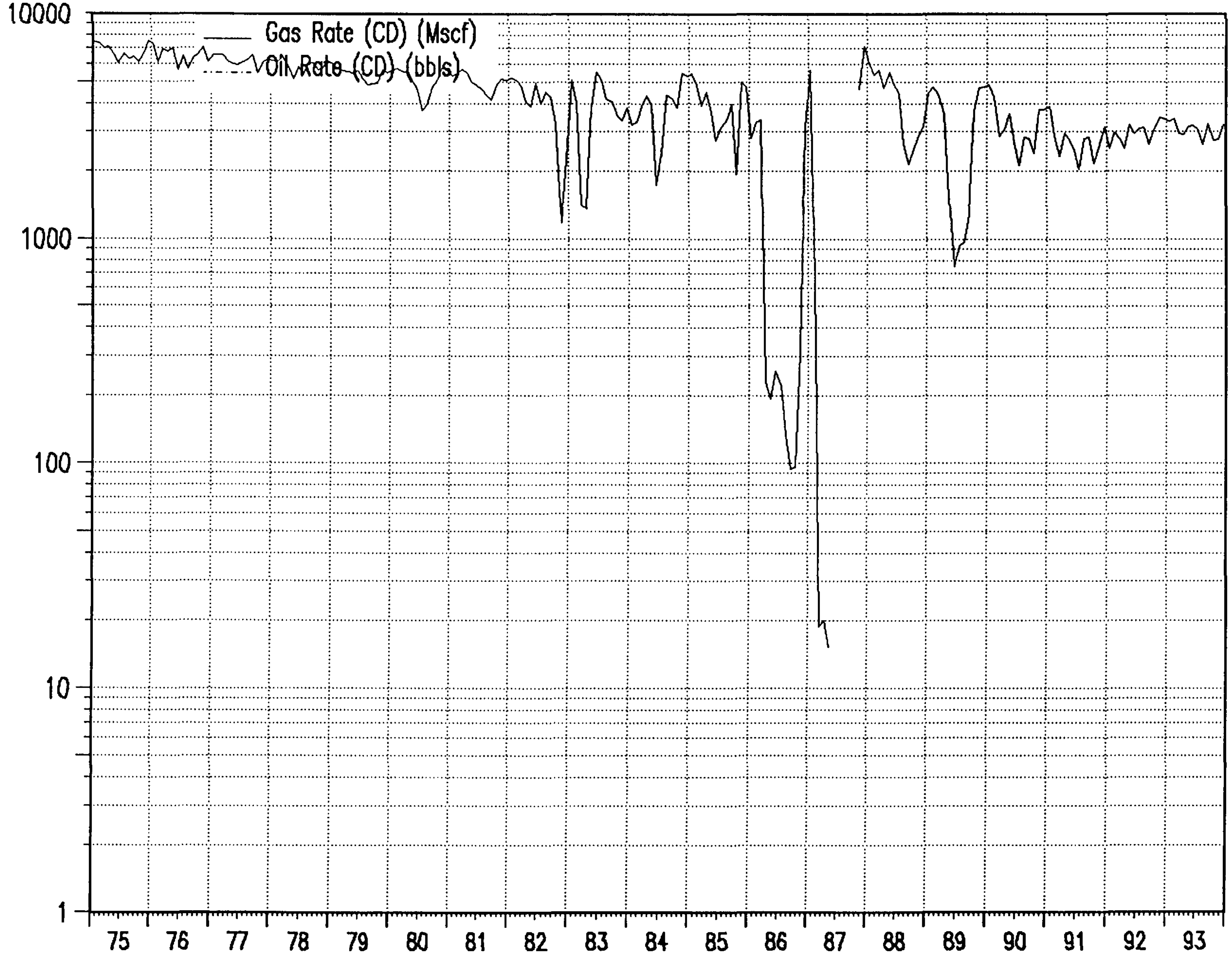
RINCON UNIT
PICTURED CLIFFS FORMATION



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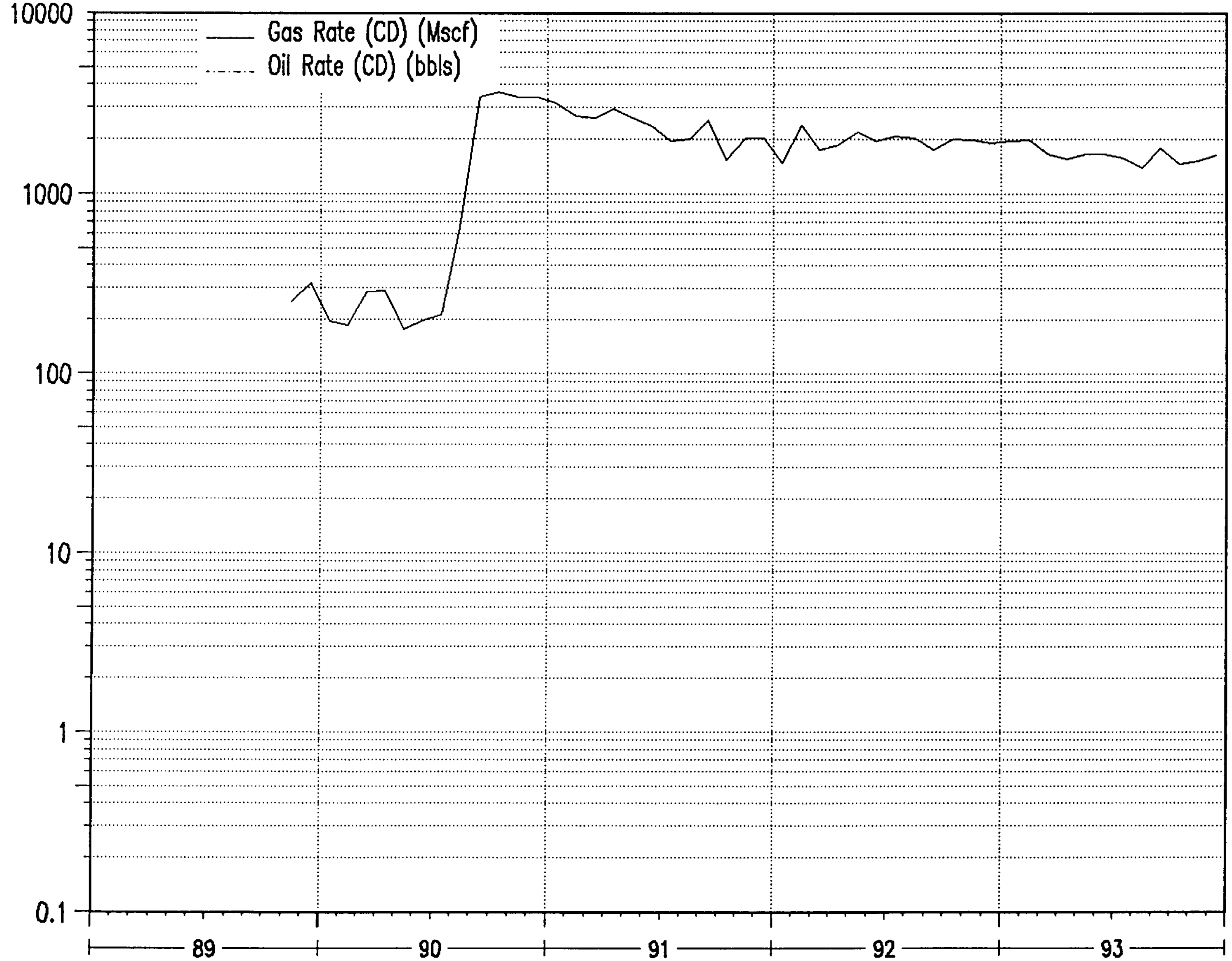
RINCON UNIT
FRUITLAND FORMATION



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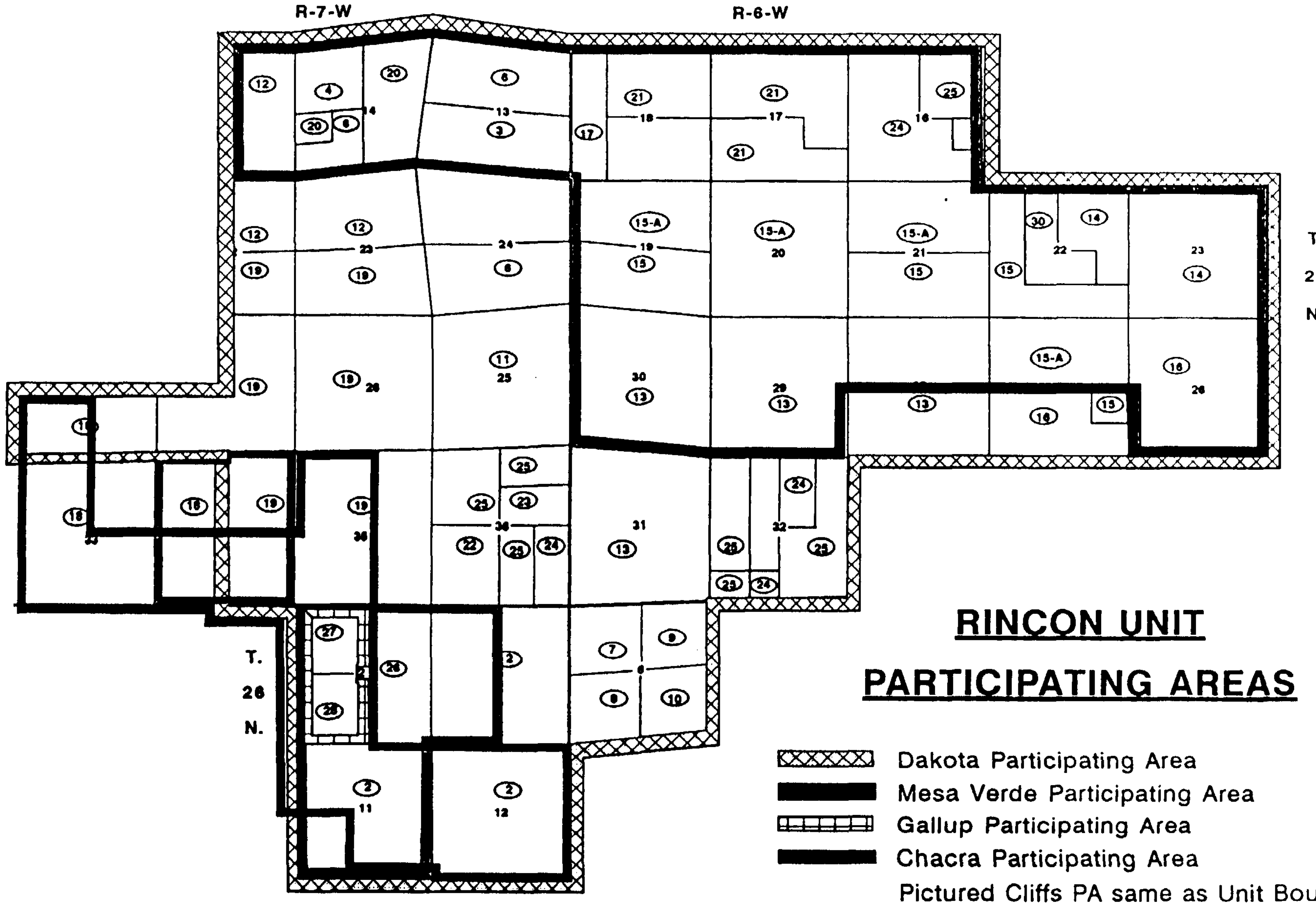


RINCON UNIT

PARTICIPATING AREAS

Dakota Participating Area
Mesa Verde Participating Area
Gallup Participating Area
Chacra Participating Area
Pictured Cliffs PA same as Unit Boundry
Tract Numbers

Rio Arriba County, New Mexico

JIM BACA
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1255

March 11, 1993

UNOCAL Corporation
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401

Attn: Mr. William L. Irwin

Re: 1993 Plan of Development
Rincon Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd O. Prando

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

JIM BACA
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1263

March 11, 1993

UNOCAL Corporation
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401

Attn: Mr. William L. Irwin

Re: 1992 Plan of Development
Rincon Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS
BY: Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

Unocal Oil & Gas Division
Unocal Corporation
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401
Telephone (505) 326-7600
Fax: (505) 326-6145

DIVISION

9 00

UNOCAL 76

February 16, 1993

299

Farmington District

U.S. Department of the Interior
Bureau of Land Management
Branch of Fluid Minerals
Farmington Resource Area
1235 La Plata Highway
Farmington, NM 87401

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, NM 87504-1148

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: 1992 REVIEW OF OPERATIONS
1993 PLAN OF DEVELOPMENT
Rincon Unit
Rio Arriba County, New Mexico

Gentlemen:

Union Oil Company of California (UNOCAL) is the operator of the Rincon Unit in Rio Arriba County, New Mexico.

1992 REVIEW OF OPERATIONS

During 1992, 24 wells were drilled and completed within the unit:

WELL NAME	FORMATION	LOCATION
Rincon Unit #159M	Blanco Mesaverde/Basin Dakota	NW Sec. 18-T27N-R6W
Rincon Unit #126M	Blanco Mesaverde/Basin Dakota	S E Sec. 27-R27N-R6W
Rincon Unit #1E	Blanco Mesaverde/Basin Dakota	N E Sec. 30-T27N-R6W
Rincon Unit #170M	Blanco Mesaverde/Basin Dakota	S E Sec. 20-T27N-R6W
Rincon Unit #125M	Blanco Mesaverde/Basin Dakota	NW Sec. 26-T27N-R6W
Rincon Unit #174M	Blanco Mesaverde/Basin Dakota	NW Sec. 19-T27N-R6W
Rincon Unit #127M	Blanco Mesaverde/Basin Dakota	NW Sec. 28-T27N-R6W
Rincon Unit #175M	Blanco Mesaverde/Basin Dakota	NW Sec. 20-T27N-R6W
Rincon Unit #167M	Blanco Mesaverde/Basin Dakota	NW Sec. 13-T27N-R7W
Rincon Unit #151M	Blanco Mesaverde/Basin Dakota	S E Sec. 14-T27N-R7W

WELL NAME	FORMATION	LOCATION
Rincon Unit #129M	Blanco Mesaverde/Basin Dakota	S E Sec. 29-T27N-R6W
Rincon Unit #136E	Blanco Mesaverde/Basin Dakota	NW Sec. 23-T27N-R7W
Rincon Unit #184M	Blanco Mesaverde/Basin Dakota	S E Sec. 15-T27N-R7W
Rincon Unit #180M	Blanco Mesaverde/Basin Dakota	NW Sec. 21-T27N-R6W
Rincon Unit #158M	Blanco Mesaverde/Basin Dakota	S E Sec. 22-T27N-R6W
Rincon Unit #171M	Blanco Mesaverde/Basin Dakota	S E Sec. 21-T27N-R6W
Rincon Unit #130E	South Blanco Tocito	S E Sec. 32-T27N-R6W
Rincon Unit #57E	Largo Gallup/Basin Dakota	S E Sec. 1-T26N-R7W
Rincon Unit #137E	Undes. Gallup/Basin Dakota	S E Sec. 24-T27N-R7W
Rincon Unit #168E	Undes. Gallup/Basin Dakota	S E Sec. 36-T27N-R7W
Rincon Unit #201E	Largo Gallup/Basin Dakota	S E Sec. 2-T26N-R7W
Rincon Unit #182E	Undes. Gallup/Basin Dakota	S E Sec. 26-T27N-R6W
Rincon Unit #108E	Otero Chacra/Basin Dakota	S E Sec. 19-T27N-R6W
Rincon Unit #135E	Otero Chacra/Basin Dakota	NW Sec. 29-T27N-R6W

Attached production curves reflect the past production history by horizon.

FACILITIES

A gas gathering system, the Rincon Unit Lateral #2, was installed to gather gas from thirteen Rincon Unit wells. The gas is collected at a central point where it is compressed for sale. At this point is an inlet vertical scrubber, a 300 BHP gas-fired clean-burn two-stage compressor, a dehydration unit, and a sales meter. Compression lowered gathering system pressures, which have increased flow rates and reserves from these wells. The gathering system consists of approximately five miles of 2", 3", and 4" line pipe. The gas from this system is delivered to the Gas Company of New Mexico.

1993 PLAN OF DEVELOPMENT

Proposed for the 1993 calendar year is the drilling and completion of 5 infill development wells. These wells and their proposed locations are as follows:

WELL NAME	FORMATION	LOCATION
Rincon Unit #130R	South Blanco Tocito/Basin Dakota	S E Sec. 32-T27N-R6W
Rincon Unit #166E	South Blanco Tocito/Basin Dakota	NW Sec. 32-T27N-R6W
Rincon Unit #11E	South Blanco Tocito/Basin Dakota	S E Sec. 6-T26N-R6W
Rincon Unit #150E	South Blanco Tocito/Basin Dakota	NW Sec. 6-T26N-R6W
Rincon Unit #186E	Gallup/Basin Dakota	SW Sec. 33-T27N-R7W

The following wells will be dualled with an existing completion or recompleted to a different formation:

WELL NAME	NEW FORMATION	LOCATION
Rincon Unit #231	Chacra	SW Sec. 12-T26N-R7W
Rincon Unit #166	South Blanco Tocito	SW Sec. 32-T27N-R6W
Rincon Unit #186	Gallup	S E Sec. 33-T27N-R7W
Rincon Unit #11	South Blanco Tocito	SW Sec. 6-T26N-R6W

The following wells will be plugged and abandoned:

WELL NAME	FORMATION	LOCATION
Rincon Unit #121	Pictured Cliffs	S E Sec. 23-T27N-R6W
Rincon Unit #198	Pictured Cliffs	NE Sec. 32-T27N-R6W
Rincon Unit #238	Chacra	NE Sec. 22-T27N-R7W
Rincon Unit #27	Pictured Cliffs	SW Sec. 13-T27N-R7W
Rincon Unit #122	Pictured Cliffs	S E Sec. 26-T27N-R6W
Rincon Unit #35	Fruitland Coal	SW Sec. 34-T27N-R7W

FACILITIES

Lateral #1: A gas gathering system, the Rincon Unit Lateral #1, is scheduled for completion in 1993. This system, which consists of 7.5 miles of pipelines, will gather gas from 28 existing producing wells, four of which were drilled during 1992. The gas collected in this system will flow to a central compression point. Compression will allow for lower system operating pressures which will increase gas flow rates and reserves. The compressor site will consist of an inlet separator (36" dia x 10' hgt), a 450 BHP gas-fired clean-burn two-stage compressor, a dehydration unit, and a sales meter. The gas from this system will be delivered to El Paso Natural Gas Company.

Lateral #3: The Rincon Unit owners are currently in the process of obtaining the pipeline from El Paso Natural Gas that connects ten existing unit wells. This system will be referred to as Rincon Unit Lateral #3. Downstream of the wells, a compressor will be installed to lower the system pressure, thereby increasing flow rates and reserves from the wells. The compressor site will consist of an inlet vertical scrubber, a 100 BHP gas-fired rotary compressor, and a sales meter. The gas from this lateral will be delivered back to El Paso Natural Gas Company.

Lateral #4 (EPNG Straddle): The Rincon Unit owners are also currently in the process of negotiating an agreement with El Paso Natural Gas that would allow for compression to be set downstream of 203 existing unit wells. Three 1000 BHP gas-fired clean-burn two-stage reciprocating compressors will be installed to lower the system pressure, thus increasing flow rates and reserves from the wells. The fenced compressor site will also contain inlet vertical scrubbers, a manifold system, gas dehydration units, and a sales meter. The gas from this lateral will be delivered back to El Paso Natural Gas Company.

UNOCAL believes that all unit drilling obligations have been met. However, additional wells to prevent drainage or to meet other regulatory requirements will be assessed and drilled as the need arises.

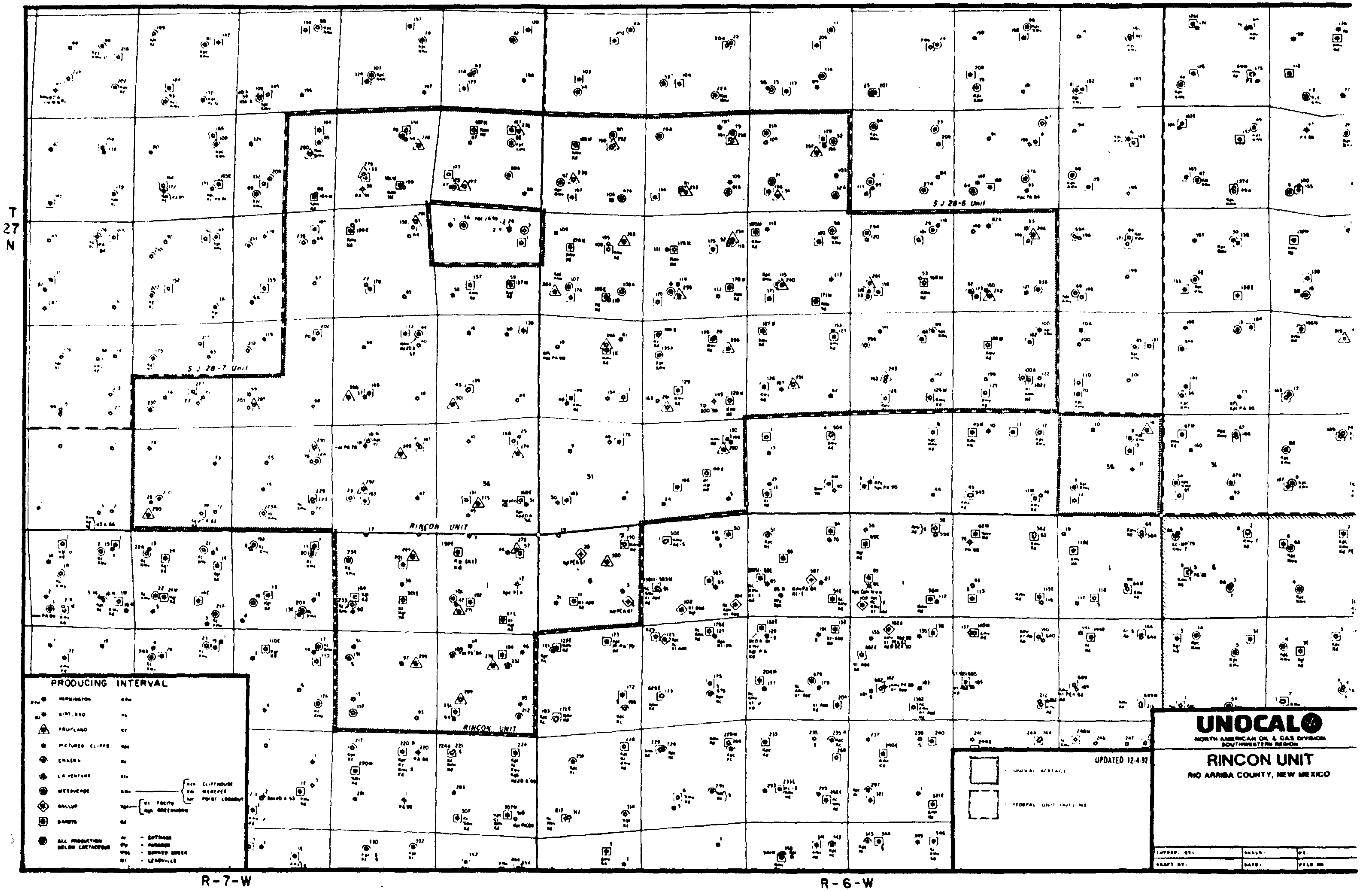
This plan has been sent to each Rincon Unit Working Interest Owner. All work listed herein is subject to partner and management approval.

Sincerely,

Union Oil Company of California
dba UNOCAL

William L. Irwin
Petroleum Engineer

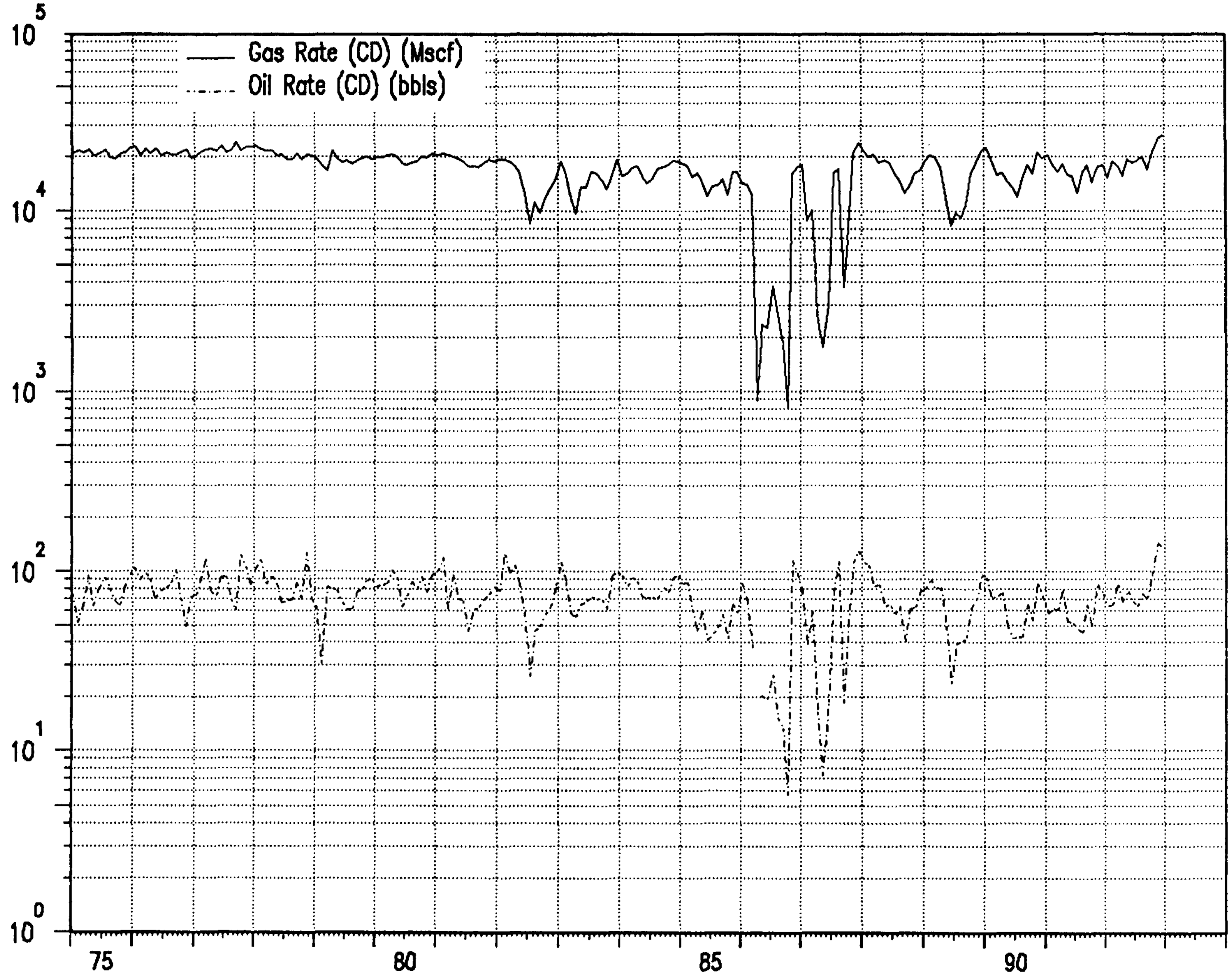
Attachments
WLI/DLD/df


T 27 N
R-7-W
R-6-W
S J 28-7 Unit
S J 28-6 Unit
RINCON UNIT
RINCON UNIT
PRODUCING INTERVAL
UPDATED 12-4-92
UNOCAL
NORTH AMERICAN OIL & GAS DIVISION
RINCON UNIT
RIO ARRIBA COUNTY, NEW MEXICO

RINCON UNIT WELL COUNT
BY FORMATION

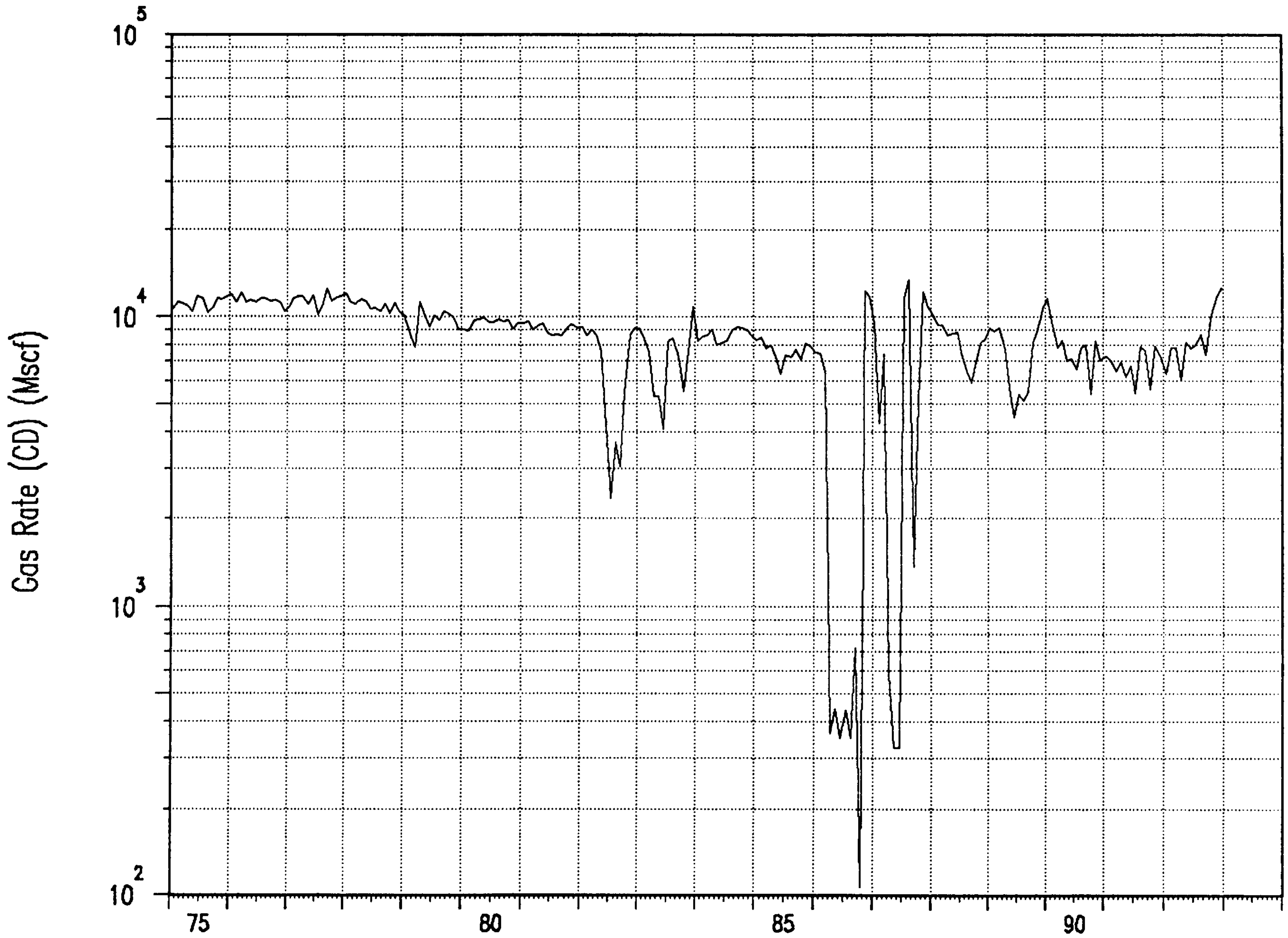
FORMATION	PRODUCING	PLUGGED AND ABANDONED
Fruitland Coal	45	-0-
Pictured Cliffs	106	7
Chacra	13	2
Mesaverde	69	1
Gallup	8	-0-
Dakota	85	-0-
TOTAL	326	10

RINCON UNIT
ALL FORMATIONS



Thu Feb 18 17:19:12 1993

RINCON UNIT
DAKOTA FORMATION



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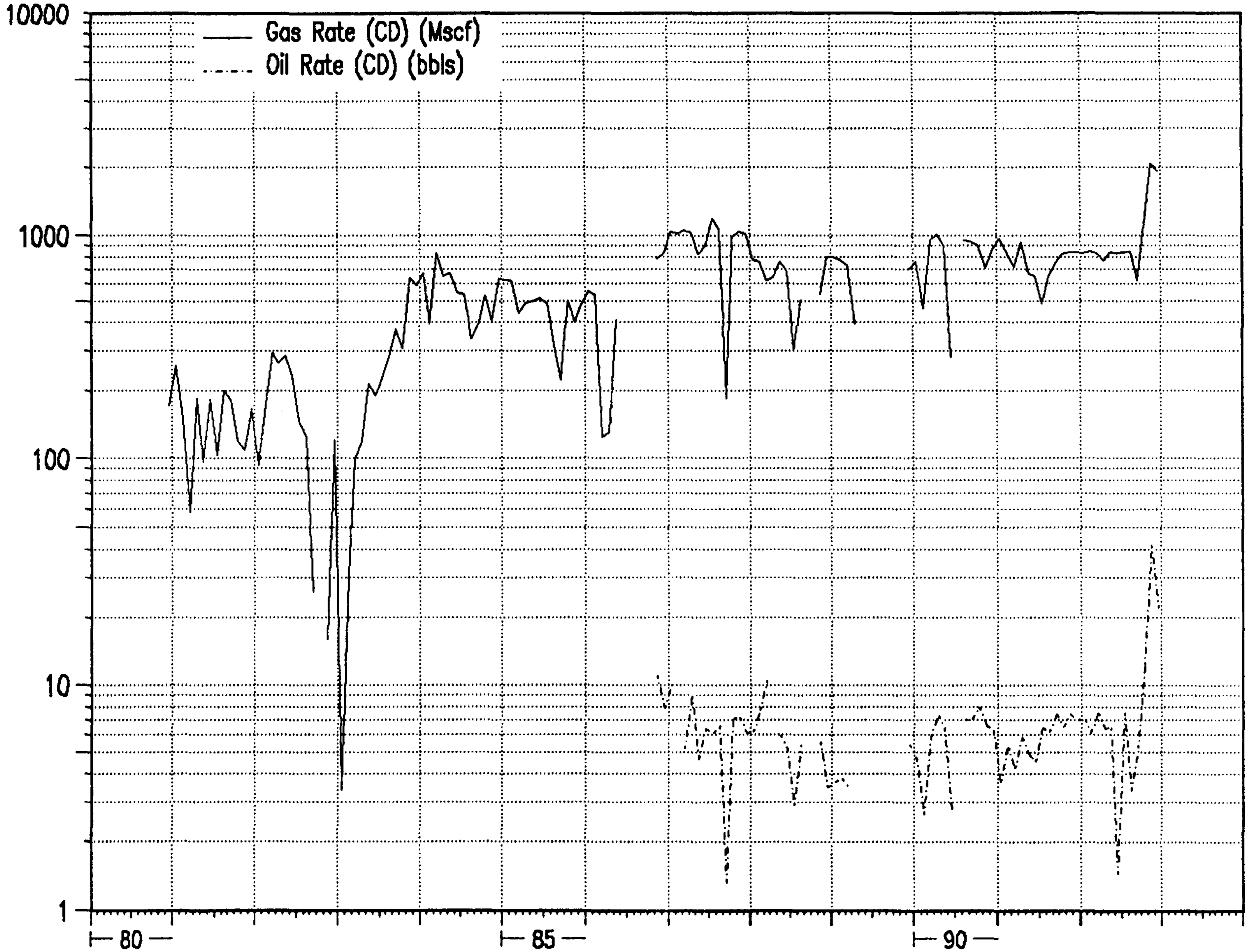
RINCON UNIT
GALLUP FORMATION



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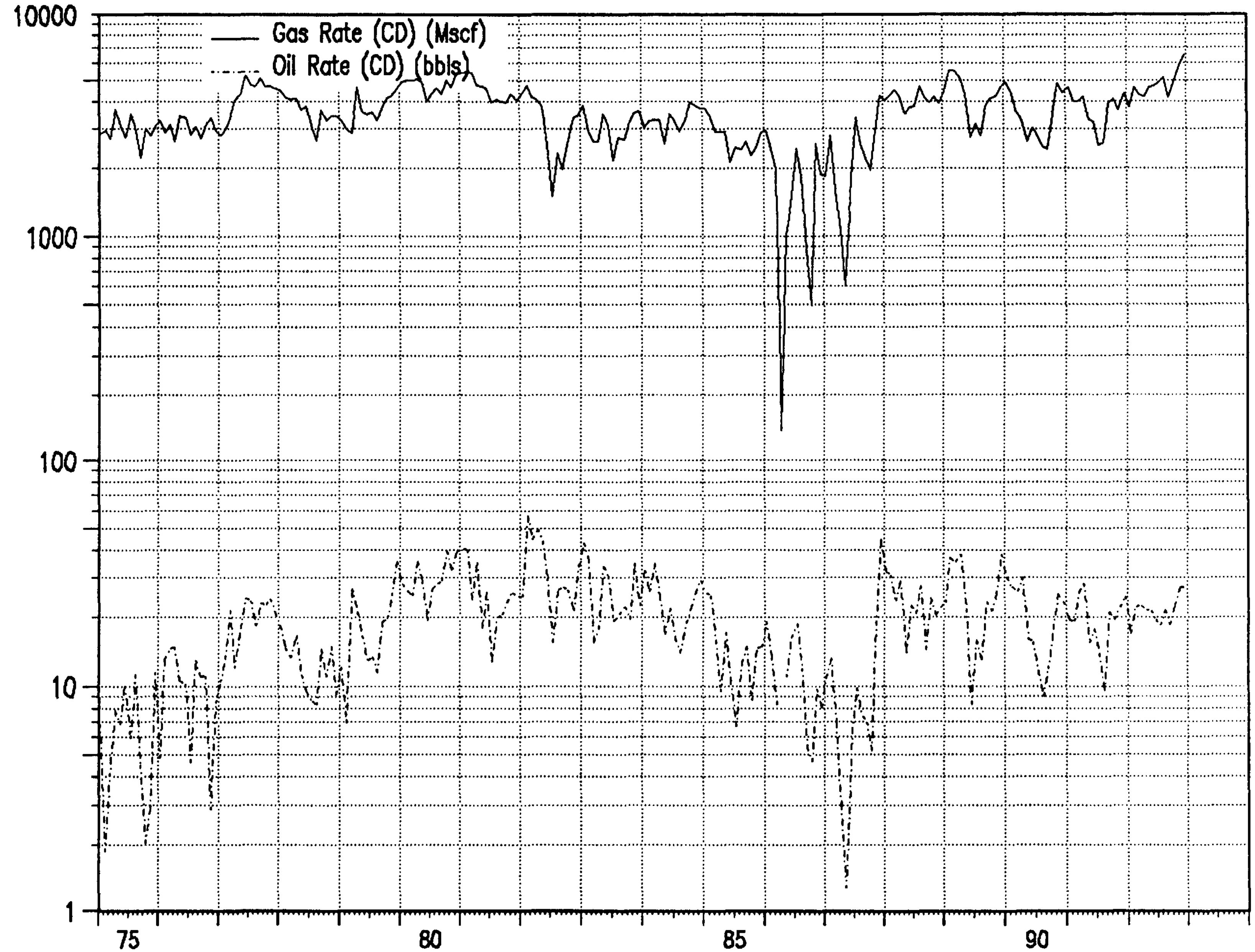
RINCON UNIT
MESAVERDE FORMATION



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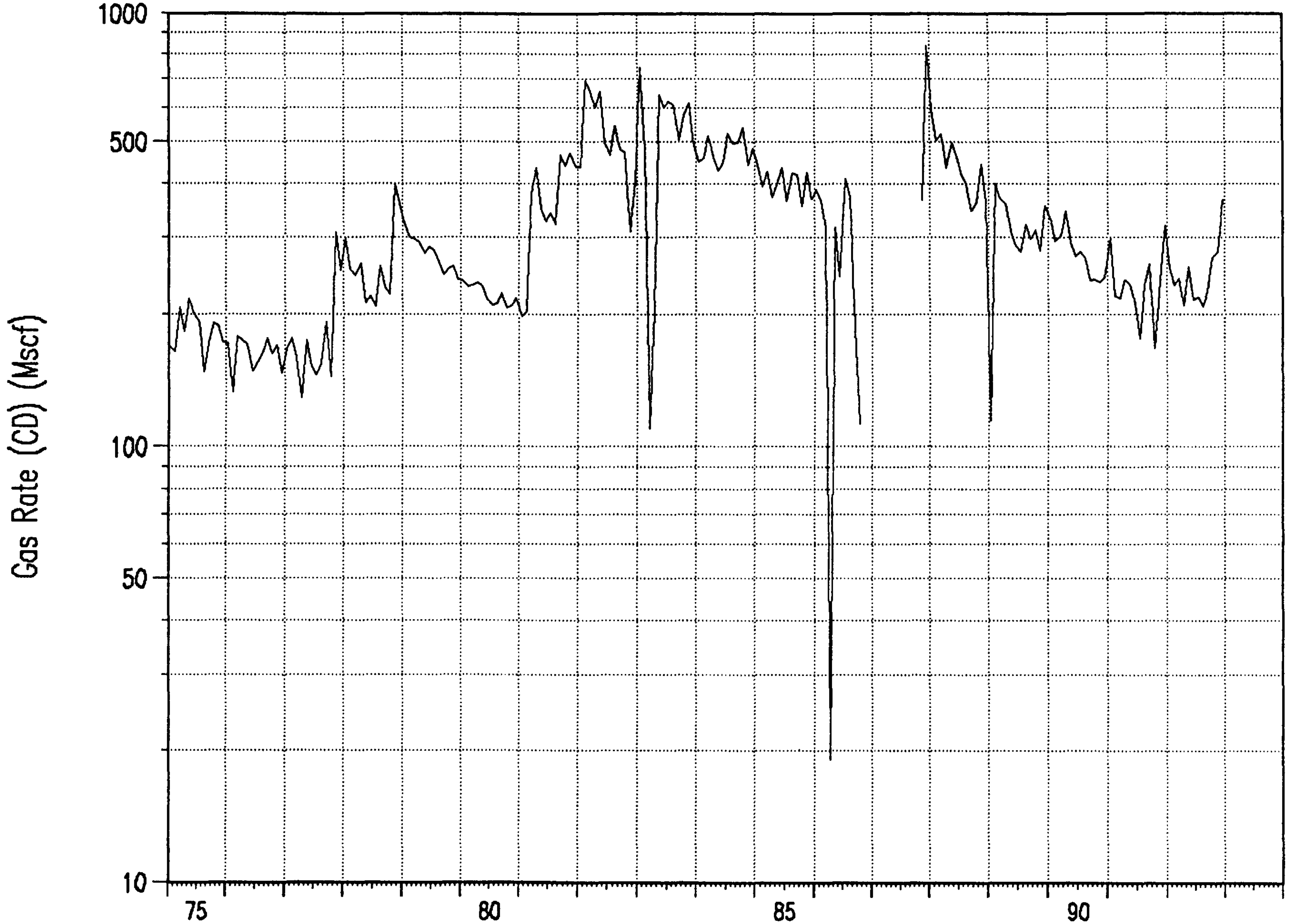
RINCON UNIT
CHACRA FORMATION



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RINCON UNIT
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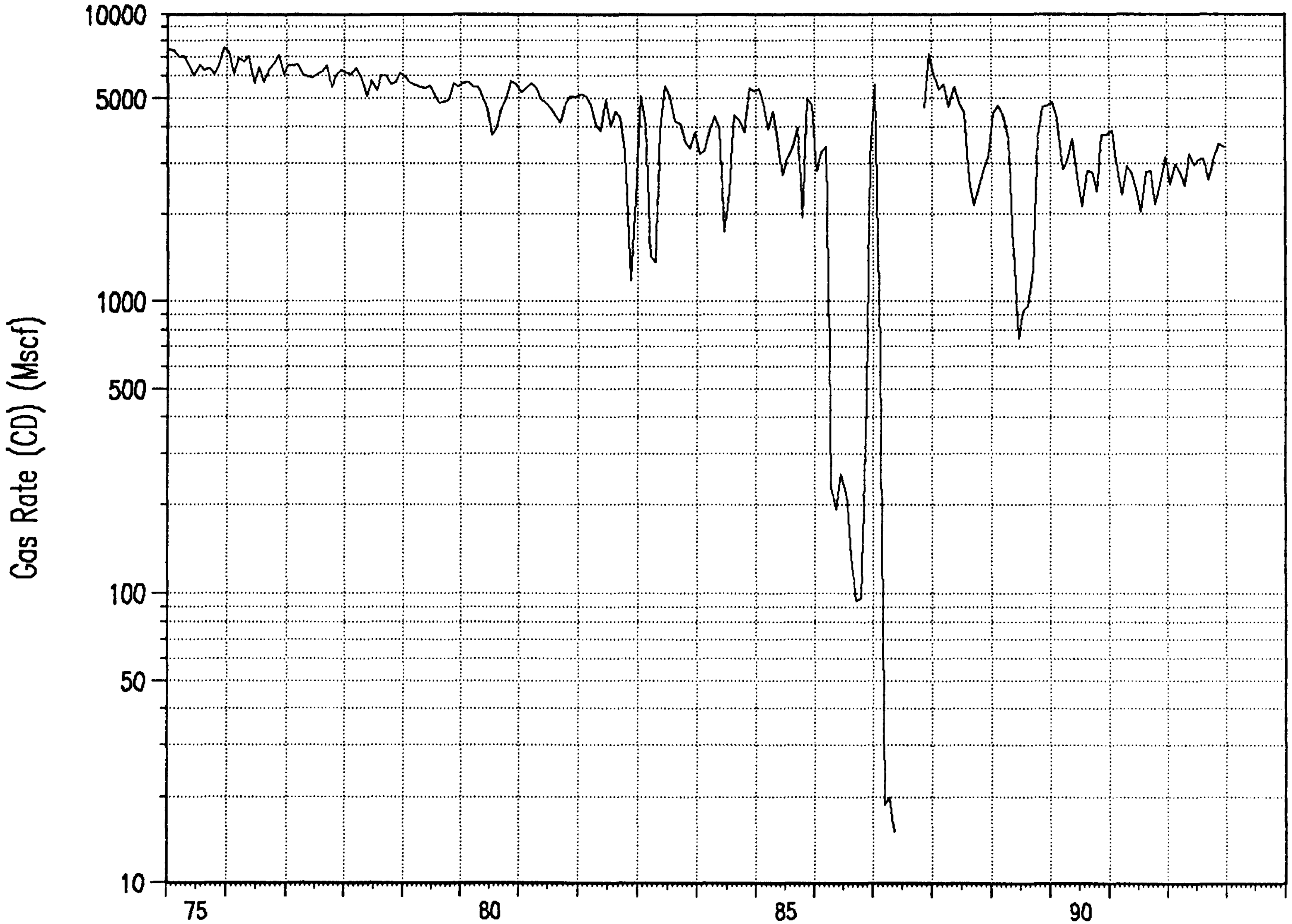

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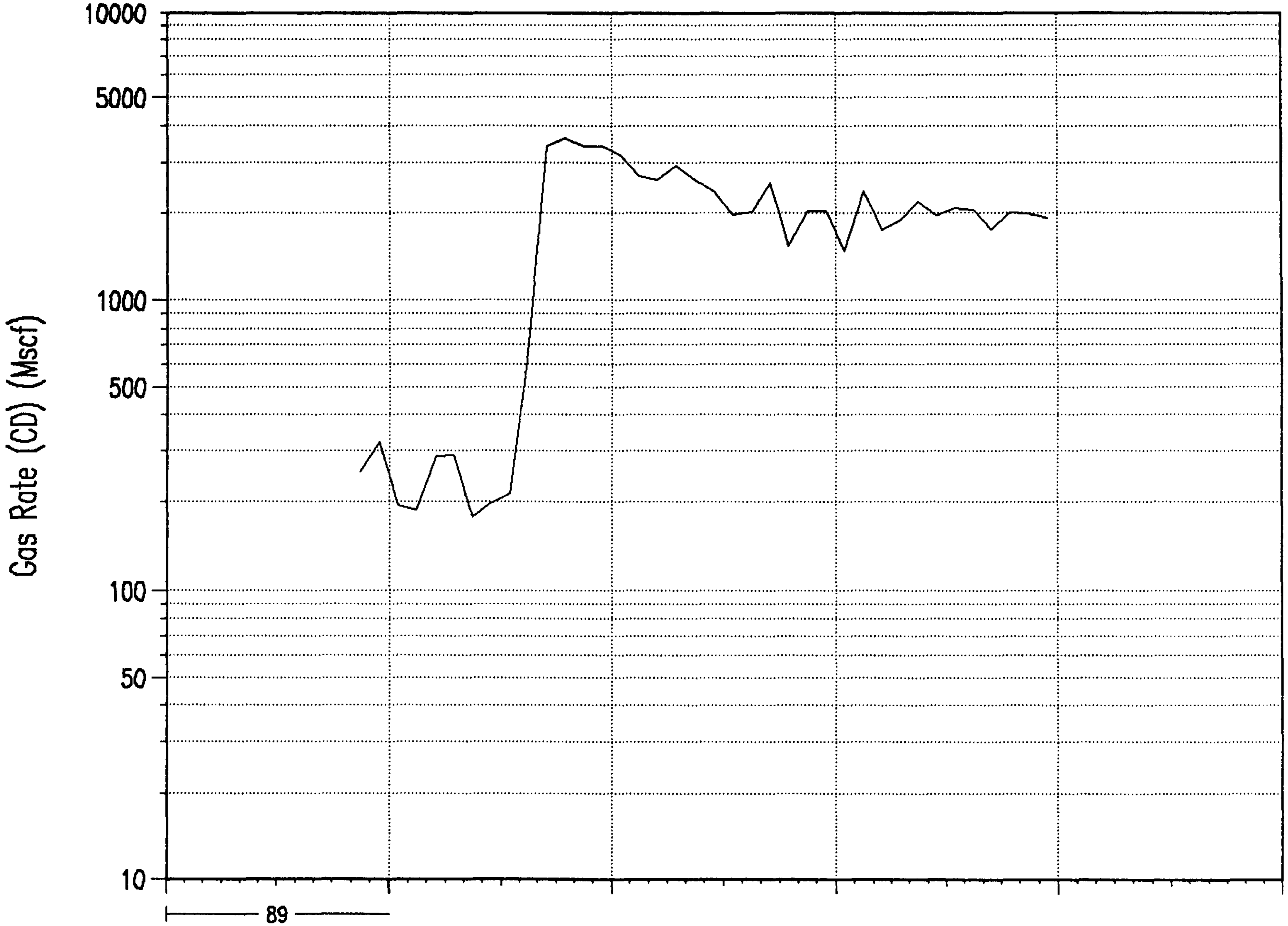
RINCON UNIT
FRUITLAND FORMATION



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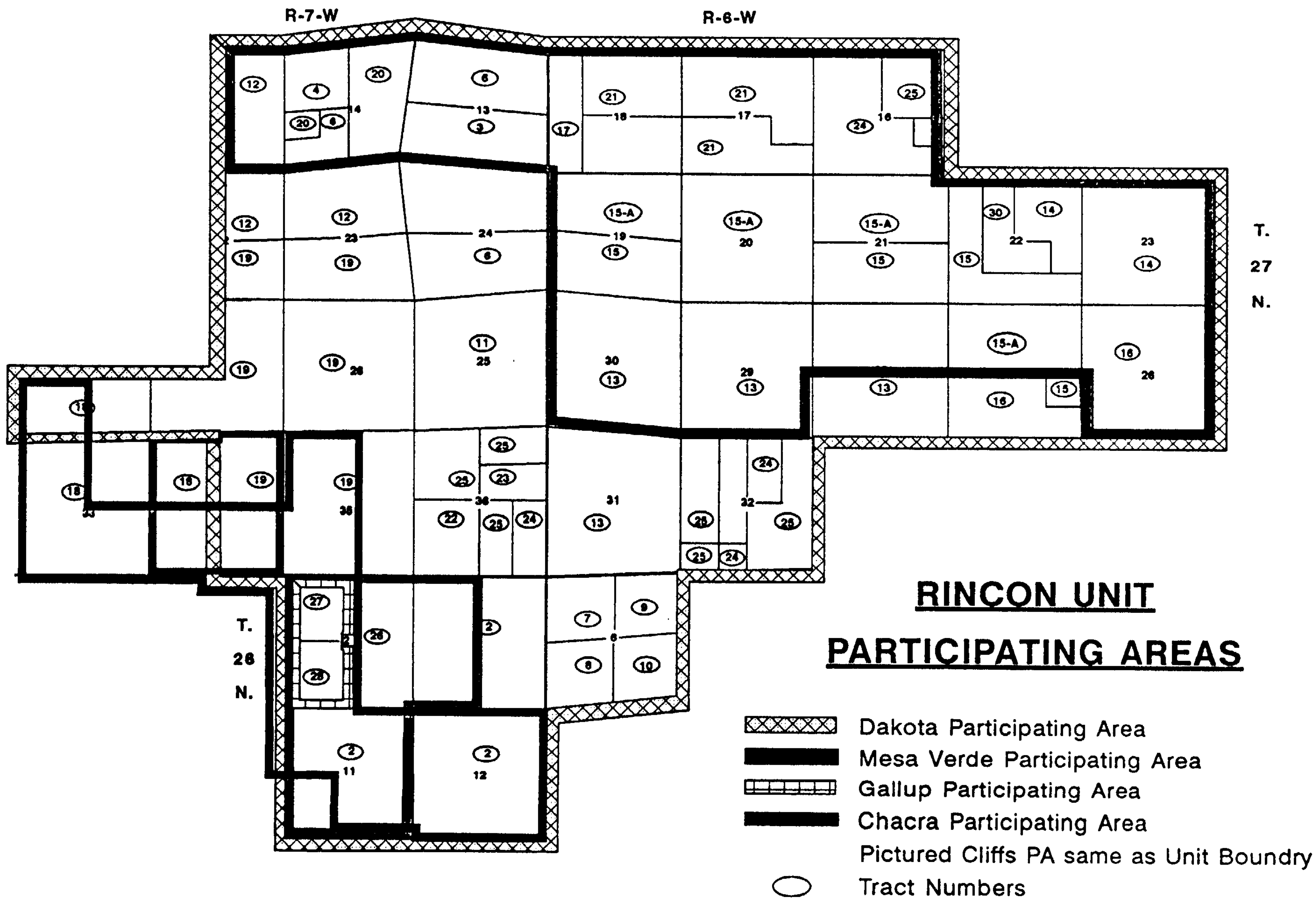
RINCON UNIT

PARTICIPATING AREAS



Rio Arriba County, New Mexico

EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079052	T-27-N, R-6-W	520.00	Tract 1			2.665044%
	Sec. 17: SW/4, W/2SE/4, SE/4SE/4		Royalty;	12.50%	12.50%	
	Sec. 18: SE/4, E/2SW/4		Working Interest:			
			Union Oil Company of California;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079160	T-27-N, R-7-W	1920.80	Tract 2			9.844264%
	Sec. 1: Lots 1, 2, 3, 4, S/2N/2, S/2		Royalty;	12.50%	12.50%	
	Sec. 11: All		Working Interest:			
	Sec. 12: All		Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079298	T-27-N, R-7-W	336.22	Tract 3			1.723156%
	Sec. 13: Lots 1, 2, 3, 4, 5, 6, 7, 8 (S/2)		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

Effective December 1, 1981
Revised February 5, 1990

EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079298-A	T-27-N, R-7-W	160.00	Tract 4			.8200014%
	Sec. 14: NW/4		Royalty;	12.5000%	12.5000%	
			Working Interest:			
			El Paso Natural Gas Co.;	74.0625%	74.0625%	
			ORRI;	13.4375%	13.4375%	
			TOTAL	100.0000%	100.0000%	
SF 079298-C	T-27-N, R-7-W	352.07	Tract 5			0.000000%
	Sec. 24: Lots 1, 2, 3, 4, 5, 6, 7, 8 (N/2)		Royalty;	12.50%	0.00%	
			Working Interest:			
			El Paso Natural Gas Co., et al;	82.50%	0.00%	
			ORRI;	5.00%	0.00%	
			TOTAL	100.000%	0.00%	
SF 079298-D	T-27-N, R-7-W	768.76	Tract 6			1.939961%
	Sec. 13: N/2		Royalty;	12.50%	12.50%	
	Sec. 14: Lots 7, 9, 10 (S/2SW/4, NE/4SW/4)		Working Interest:			
	Sec. 24: Lots 9, 10, 11, 12, 13, 14, 15, 15 (S/2)		Union Oil Company of California;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079301	T-26-N, R-6-W	161.81	Tract 7			.829290%
	Sec. 6: Lots 3, 4, 5, SE/4NW/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

Effective December 1, 1981

EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079301-A	T-26-N, R-6-W Sec. 6: Lots 6, 7, E/2SW/4	161.35	Tract 8			.826933%
			Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079302	T-26-N, R-6-W Sec. 6: Lots 1, 2, S/2NE/4	160.48	Tract 9			.822474%
			Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079302-B	T-26-N, R-6-W Sec. 6: SE/4	160.00	Tract 10			.820014%
			Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079321	T-27-N, R-7-W Sec. 25: Lots 1, 2, 3, 4, 5, 6, 7, 8 E/2	656.48	Tract 11			3.364516%
			Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

Effective December 1, 1981

EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079360	T-27-N, R-7-W	800.00	Tract 12			4.100068%
	Sec. 15: E/2		Royalty;	12.50%	12.50%	
	Sec. 22: NE/4		Working Interest:			
	Sec. 23: N/2		H. R. Stasney & Sons, et al;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079364	T-27-N, R-6-W	1309.42	Tract 13			6.710889%
	Sec. 28: N/2		Royalty;	12.500%	12.500%	
	Sec. 29: S/2		Working Interest:			
	Sec. 30: N/2		Union Oil Company of California;	66.666%	66.666%	
	Sec. 31: N/2		Meridian Oil, Inc. as agent;	13.334%	13.334%	
			ORRI;	7.500%	7.500%	
			TOTAL	100.000%	100.000%	
S 79364	T-27-N, R-6-W	1295.91	Tract 13			6.641649%
	Sec. 28: S/2		Royalty;	12.500%	12.500%	
	Sec. 29: N/2		Working Interest:			
	Sec. 30: S/2		Union Oil Company of California;	64.166%	64.166%	
	Sec. 31: S/2		Meridian Oil, Inc. as agent;	12.834%	12.834%	
			ORRI;	10.500%	10.500%	
			TOTAL	100.000%	100.000%	
SF 079365-A	T-27-N, R-6-W	520.00	Tract 14			2.665044%
	Sec. 22: NE/4, NE/4SE/4		Royalty;	12.500%	12.500%	
	Sec. 23: N/2		Working Interest:			
			Union Oil Company of California;	64.166%	64.166%	
			Meridian Oil, Inc. as agent;	12.834%	12.834%	
			ORRI;	10.500%	10.500%	
			TOTAL	100.000%	100.000%	

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EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079365-A	T-27-N, R-6-W	320.00	Tract 14			1.640027%
	Sec. 23: S/2		Royalty;	12.500%	12.500%	
			Working Interest:			
			Union Oil Company of California;	66.666%	66.666%	
			Meridian Oil, Inc. as agent;	13.334%	13.334%	
			ORRI;	7.500%	7.500%	
			TOTAL	100.000%	100.000%	
SF 079366	T-27-N, R-6-W	959.40	Tract 15			4.917007%
	Sec. 19: Lots 3,4, E/2SW/4, SE/4		Royalty;	12.500%	12.500%	
			Working Interest:			
	Sec. 21: S/2		Union Oil Company of California;	64.166%	64.166%	
	Sec. 22: SE/4SW/4, W/2W/2, S/2SE/4		Meridian Oil, Inc. as agent;	12.834%	12.834%	
			ORRI;	10.500%	10.500%	
	Sec. 27: NE/4SE/4		TOTAL	100.000%	100.000%	
SF 079366	T-27-N, R-6-W	1279.32	Tract 15-A			6.556624%
	Sec. 19: Lots 1, 2, E/2NW/4, NE/4		Royalty;	12.500%	12.500%	
			Working Interest:			
	Sec. 20: S/2		Union Oil Company of California;	66.666%	66.666%	
	Sec. 21: N/2		Meridian Oil, Inc. as agent;	13.334%	13.334%	
	Sec. 27: N/2		ORRI;	7.500%	7.500%	
			TOTAL	100.000%	100.000%	
SF 079366	T-27-N, R-6-W	320.00	Tract 15-A			1.640027%
	Sec. 20: N/2		Royalty;	12.500%	12.500%	
			Working Interest:			
			Union Oil Company of California;	64.166%	64.166%	
			Meridian Oil, Inc. as agent;	12.834%	12.834%	
			ORRI;	10.500%	10.500%	
			TOTAL	100.000%	100.000%	

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EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079367-A	T-27-N, R-6-W	480.00	Tract 16			2.460041%
	Sec. 26: S/2		Royalty;	12.50%	12.50%	
	Sec. 27: SW/4		Working Interest:			
			Union Oil Company of California;	80.00%	80.00%	
			ORRI;	7.50%	7.50%	
			TOTAL	100.00%	100.00%	
SF 079367-A	T-27-N, R-6-W	440.00	Tract 16			2.255038%
	Sec. 26: N/2		Royalty;	12.50%	12.50%	
	Sec. 27: SE/4SE/4, W/2SE/4		Working Interest:			
			Union Oil Company of California;	77.00%	77.00%	
			ORRI;	10.50%	10.50%	
			TOTAL	100.00%	100.00%	
SF 079404-A	T-27-N, R-6-W	157.76	Tract 17			.808534%
	Sec. 18: Lots 1, 2, 3 and 4		Royalty;	12.50%	12.50%	
			Working Interest:			
			El Paso Natural Gas Co.;	86.50%	86.50%	
			ORRI;	1.00%	1.00%	
			TOTAL	100.00%	100.00%	
SF 080213	T-27-N, R-7-W	320.00	Tract 18			1.640027%
	Sec. 28: S/2					
			Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 080385	T-27-N, R-7-W	2645.09		Tract 19			13.556312%
	Sec. 22: SE/4						
	Sec. 23: Lots 1, 2, 3, 4, SW/4 (S/2)		Royalty;		12.50%	12.50%	
			Working Interest:				
	Sec. 26: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 (All)		Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc, as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
	Sec. 27: E/2, SW/4						
	Sec. 34: E/2						
	Sec. 35: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 (All)						
NM [illegible]2209	T-27-N, R-7-W	337.63		Tract 20			1.730383%
	Sec. 14: Lots 1, 2, 3, 4, 5, 6, 8, 11, 12 (E/2, NW/4SW/4)		Royalty;		12.50%	12.50%	
			Working Interest:				
			Amoco Production Company;		40.75%	40.75%	
			Conoco Inc		40.75%	40.75%	
			ORRI;		6.00%	6.00%	
				TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	OWNERSHIP	DRILLING BLOCK PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
NM 013654	T-27-N, R-6-W	600.00	Tract 21			1.0750513%
	Sec. 17: N/2, NE/4SE/4					
	Sec. 18: NE/4, E/2NW/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Amoco Production Company;	40.75%	40.75%	
			Conoco Inc.	40.75%	40.75%	
			ORRI;	6.00%	6.00%	
			TOTAL	100.00%	100.00%	
E-289-29	T-27-N, R-7-W	160.00	Tract 22			.8200143%
	Sec. 36: SW/4					
			Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
E-290-3	T-27-N, R-6-W	200.00	Tract 23			1.0250173%
	Sec. 32: E/2NW/4, NE/4SW/4					
	T-27-N, R-7-W		Royalty;	12.50%	12.50%	
	Sec. 36: S/2NE/4		Working Interest:			
			The Wiser Company;	87.50%	87.50%	
			ORRI;	.00%	.00%	
			TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

ERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
?-290-28	T-27-N, R-6-W	200.00	Tract 24			1.025017%
	Sec. 32: SE/4SW/4, W/2NE/4		Royalty;	12.50%	12.50%	
	T-27-N, R-7-W		Working Interest:			
	Sec. 36: E/2SE/4		Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.000%	100.000%	
E-290-28	T-27-N, R-6-W	440.00	Tract 24			2.255038%
	Sec. 16: W/2, W/2SE/4, SE/4SE/4		Royalty;	12.500%	12.500%	
			Working Interest:			
			Union Oil Company of California;	64.583%	64.583%	
			Meridian Oil, Inc. as agent;	12.917%	12.917%	
			ORRI;	10.000%	10.000%	
			TOTAL	100.000%	100.000%	
E-[illegible]-28	T-27-N, R-6-W	200.00	Tract 25			1.025017%
	Sec. 32: W/2NW/4, NW/4SW/4		Royalty;	12.500%	12.500%	
	T-27-N, R-7-W		Working Interest:			
	Sec. 36: N/2NE/4		Union Oil Company of California;	72.916%	72.916%	
			Meridian Oil, Inc. as agent;	14.584%	14.584%	
			ORRI;	0.000%	0.000%	
			TOTAL	100.00%	100.00%	
E-290-28	T-27-N, R-6-W	680.00	Tract 25			3.485058%
	Sec. 32: SW/4SW/4, E/2NE/4, SE/4		Royalty;	12.50%	12.50%	
	Sec. 16: NE/4		Working Interest:			
	T-27-N, R-7-W		Union Oil Company of California;	68.75%	68.75%	
	Sec. 36: W/2SE/4, NW/4		Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.000%	100.000%	

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EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
-291-3	T-27-N, R-6-W Sec. 2: Lots 1, 2, S/2NE/4, SE/4 (E/2)	320.76		Tract 26			1.6439223%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			The Wiser Oil Company;		87.50%	87.50%	
			ORRI;		.00%	.00%	
				TOTAL	100.00%	100.00%	
E-291-35	T-26-N, R-7-W Sec. 2: Lots 3, 4, S/2NW/4, (NW/4)	160.68		Tract 27			.8234993%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
E-[illegible]1-35	T-26-N, R-7-W Sec. 2: SW/4	160.00		Tract 28			.8200143%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
E-6443-4	T-27-N, R-6-W Sec. 16: NE/4SE/4	40.00		Tract 29			.2050033%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		82.50%	82.50%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
Fee	T-27-N, R-6-W	160.00	Tract 30			.820014%
	Sec. 22: E/2NW/4,		Royalty;	12.50%	12.50%	
	NE/4SW/4		Working Interest:			
	NW/4SE/4		Union Oil Company of California;	75.00%	75.00%	
			ORRI;	12.50%	12.50%	
			TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE XVIII
SEVENTEENTH EXPANDED PARTICIPATING AREA FOR THE DAKOTA FORMATION
RINCON UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

Township 26 North, Range 6 West, N.M.P.M.
Section 6: All

Township 26 North, Range 7 West, N.M.P.M.
Section 1: All
Section 2: All
Section 11: All
Section 12: All

Township 27 North, Range 6 West, N.M.P.M.
Sections 16, 17, 18, 19, 20, 21, 22,
23, 26, 27, 28, 29, 30, 31,
32: All

Township 27 North, Range 7 West, N.M.P.M.
Section 13: All
Section 14: All
Section 15: E/2
Section 22: E/2
Section 23: All
Section 24: All
Section 25: All
Section 26: All
Section 27: E/2, SW/4
Section 28: S/2
Section 34: E/2
Section 35: Lots 1, 2, 3, 4, 5, 6, 7, 8,
9, 10, 11, 12, 13, 14, 15, 16 (All)
Section 36: All

Total Number of Acres in Participating Area: 19,863.94
Total Number of Acres Committed in Participating Area: 19,511.87

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EXHIBIT "B"
SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
SF 079052	T-27-N, R-6-W	520.00		Tract 1			4.52065
	Sec. 17: W/2SE/4, SE/4SE/4, SW/4		Royalty;		12.50%	12.50%	
	Sec. 18: SE/4, E/2SW/4		Working Interest:				
			Union Oil Company of California;		82.50%	82.50%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
SF 079160	T-26-N, R-7-W	960.60		Tract 2			8.35103
	Sec. 1: Lots 3, 4, S/2NW/4, SW/4 (W/2)		Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
	Sec. 11: All		Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
SF 079298	T-27-N, R-7-W	336.22		Tract 3			2.9229
	Sec. 13: Lots 1, 2, 3, 4, 5, 6, 7, 8 (S/2)		Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
SF 079298-A	T-27-N, R-7-W	160.00		Tract 4			1.3909
	Sec. 14: NW/4		Royalty;		12.50%	12.50%	
			Working Interest:				
			El Paso Natural Gas Co.;		74.06%	74.06%	
			ORRI;		13.44%	13.44%	
				TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079298-C	T-27-N, R-7-W	352.07		Tract 5			0.000000%
	Sec. 24: Lots 1, 2, 3, 4,		Royalty;		12.500%	00.00%	
	5, 6, 7, 8 (N/2)		Working Interest:				
			El Paso Natural Gas Co.;		28.13%	00.00%	
			J. Glenn Turner and				
			Wm. G. Webb;		28.12%	00.00%	
			ORRI;		31.25%	00.00%	
				TOTAL	100.000%	00.00%	
SF C 98-D	T-27-N, R-7-W	431.32		Tract 6			3.74970
	Sec. 13: N/2		Royalty;		12.50%	12.50%	
	Sec. 14: Lots 7, 9, 10		Working Interest:				
	(NE/4SW/4,		Union Oil Company of California;		82.50%	82.50%	
	S/2SW/4)		ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
SF 079360	T-27-N, R-7-W	320.00		Tract 12			2.78193
	Sec. 15: E/2		Royalty;		12.50%	12.50%	
			Working Interest:				
			H. R. Stasney & Sons, et al;		82.50%	82.50%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
SF 079364	T-27-N, R-6-W	959.49		Tract 13			8.3413
	Sec. 28: N/2		Royalty;		12.500%	12.500%	
	Sec. 29: S/2		Working Interest:				
	Sec. 30: N/2		Union Oil Company of California;		66.666%	66.666%	
			Meridian Oil, Inc. as agent;		13.334%	13.334%	
			ORRI;		7.50%	7.50%	
				TOTAL	100.000%	100.000%	

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EXHIBIT "B"
SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079364	T-27-N, R-6-W	639.59				5.560311
	Sec. 29: N/2		Royalty;	12.500%	12.500%	
	Sec. 30: S/2		Working Interest:			
			Union Oil Company of California;	64.166%	64.166%	
			Meridian Oil, Inc. as agent;	12.834%	12.834%	
			ORRI;	10.500%	10.500%	
			TOTAL	100.000%	100.000%	
SF 079365-A	T-27-N, R-6-W	200.00	Tract 14			1.738712
	Sec. 22: NE/4, NE/4SE/4		Royalty;	12.500%	12.500%	
			Working Interest:			
			Union Oil Company of California;	64.166%	64.166%	
			Meridian Oil, Inc. as agent;	12.834%	12.834%	
			ORRI;	10.500%	10.500%	
			TOTAL	100.000%	100.000%	
SF 079365-A	T-27-N, R-6-W	640.00				5.563877
	Sec. 23: All		Royalty;	12.500%	12.500%	
			Working Interest:			
			Union Oil Company of California;	66.666%	66.666%	
			Meridian Oil, Inc. as agent;	13.334%	13.334%	
			ORRI;	7.500%	7.500%	
			TOTAL	100.000%	100.000%	
SF 079366	T-27-N, R-6-W	759.40	Tract 15			6.601888
	Sec. 19: S/2		Royalty;	12.500%	12.500%	
	Sec. 21: S/2		Working Interest:			
	Sec. 22: W/2SW/4, SE/4SE/4		Union Oil Company of California;	64.166%	64.166%	
			Meridian Oil, Inc. as agent;	12.834%	12.834%	
			ORRI;	10.500%	10.500%	
			TOTAL	100.000%	100.000%	

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EXHIBIT "B"
SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU[AL] PARTICIPATIO[N]
SF 079366	T-27-N, R-6-W	160.00	Tract 15 (continued)				1.39096
	Sec. 22: W/2NW/4, SE/4SW/4, SW/4SE/4		Royalty;		12.500%	12.500%	
			Working Interest:				
			Union Oil Company of California;		66.666%	66.666%	
			Meridian Oil, Inc. as agent;		13.334%	13.334%	
			ORRI;		7.500%	7.500%	
				TOTAL	100.000%	100.000%	
SF 079366	T-27-N, R-6-W	320.00	Tract 15-A				2.78193
	Sec. 20: N/2		Royalty;		12.500%	12.500%	
			Working Interest:				
			Union Oil Company of California;		64.166%	64.166%	
			Meridian Oil, Inc. as agent;		12.834%	12.834%	
			ORRI;		10.500%	10.500%	
				TOTAL	100.000%	100.000%	
SF 079366	T-27-N, R-6-W	1279.32	Tract 15-A (continued)				11.12184
	Sec. 19: N/2		Royalty;		12.500%	12.500%	
	Sec. 20: S/2		Working Interest:				
	Sec. 21: N/2		Union Oil Company of California;		66.666%	66.666%	
	Sec. 27: N/2		Meridian Oil, Inc. as agent;		12.834%	12.834%	
			ORRI;		7.500%	7.500%	
				TOTAL	100.000%	100.000%	
SF 079367-A	T-27-N, R-6-W	320.00	Tract 16				2.78193
	Sec. 26: N/2		Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		77.00%	77.00%	
			ORRI;		10.50%	10.50%	
				TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU… PARTICIPATI…
SF 079367-A	T-27-N, R-6-W	320.00					2.781939
	Sec. 26: S/2		Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		80.00%	80.00%	
			ORRI;		7.50%	7.50%	
				TOTAL	100.00%	100.00%	
SF 079404-A	T-27-N, R-6-W	157.76		Tract 17			1.371496
	Sec. 18: Lots 1, 2, 3 and 4		Royalty;		12.50%	12.50%	
			Working Interest:				
			El Paso Natural Gas Co.;		86.50%	86.50%	
			ORRI;		1.00%	1.00%	
				TOTAL	100.00%	100.00%	
SF 080213	T-27-N, R-7-W	320.00		Tract 18			2.78193
	Sec. 34: W/2						
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
SF 080385	T-27-N, R-7-W	320.00		Tract 19			2.78193
	Sec. 34: E/2						
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc, as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
NM 012209	T-27-N, R-7-W Sec. 14: Lots 1, 2, 3, 4, 5, 6, 8, 11, 12 (E/2, NW/4SW/4)	337.63		Tract 20			2.935206
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Amoco Production Company;		40.75%	40.75%	
			Conoco Inc.		40.75%	40.75%	
			ORRI;		6.00%	6.00%	
				TOTAL	100.00%	100.00%	
NM [illegible]654	T-27-N, R-6-W Sec. 17: N/2, NE/4SE/4 Sec. 18: NE/4, E/2NW/4	600.00		Tract 21			5.21613
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Amoco Production Company;		40.75%	40.75%	
			Conoco Inc.		40.75%	40.75%	
			ORRI;		6.00%	6.00%	
				TOTAL	100.00%	100.00%	
E-290-28	T-27-N, R-6-W Sec. 16: W/2, W/2SE/4, SE/4SE/4	440.00		Tract 24			1.825166
			Royalty;		12.500%	12.500%	
			Working Interest:				
			Union Oil Company of California;		64.583%	64.583%	
			Meridian Oil, Inc. as agent;		12.917%	12.917%	
			ORRI;		10.000%	0.000%	
				TOTAL	100.000%	90.000%	

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EXHIBIT "B"
SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
E-290-28	T-27-N, R-6-W	160.00	Tract 25			1.390969%
	Sec. 16: NE/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
E-291-3	T-26-N, R-7-W	320.76	Tract 26			2.788546%
	Sec. 2: Lots 1, 2, S/2NE/4, SE/4 (E/2)		Royalty;	12.50%	12.50%	
			Working Interest:			
			The Wiser Oil Company;	87.50%	87.50%	
			ORRI;	00%	00%	
			TOTAL	100.00%	100.00%	
E-291-35	T-26-N, R-7-W	160.68	Tract 27			1.39688
	Sec. 2: Lot 3, 4, S/2NW/4 (NW/4)		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
E-291-35	T-26-N, R-7-W	160.00	Tract 28			1.39096
	Sec. 2: SW/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
E-6443-4	T-27-N, R-6-W Sec. 16: NE/4SE/4	40.00		Tract 29			0.3477423%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		82.50%	82.50%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
Patented	T-27-N, R-6-W Sec. 22: E/2NW/4, NE/4SW/4 NW/4SE/4	160.00		Tract 30			1.3909692%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		75.00%	75.00%	
			ORRI;		12.50%	12.50%	
				TOTAL	100.00%	100.00%	

EXHIBIT "B"
SCHEDULE XV
FOURTEENTH EXPANDED PARTICIPATING AREA FOR THE MESAVERDE FORMATION
RINCON UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

Township 27 North, Range 6 West, N.M.P.M.
Sec. 27, 28: N/2
Sec. 16, 17, 18, 19, 20, 21, 22, 23
26, 29, 30: All

Township 27 North, Range 7 West, N.M.P.M.
Sec. 15: E/2
*Sec. 24: N/2
Sec. 13, 14, 34: All

Township 26 North, Range 7 West, N.M.P.M.
Sec. 1: W/2
Sec. 2, 11: All

Total Number of Acres in Participating Area:	11,854.84
Total Number of Acres Committed in Participating Area:	11,502.77

*Not Committed to Unit

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EXHIBIT "B"
SCHEDULE IX
EIGHTH EXPANDED PARTICIPATING AREA FOR THE CHACRA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079160	T-26-N, R-7-W	1120.00	Tract 2			38.6377443
	Sec. 11: NW/4, E/2		Royalty;	12.50%	12.50%	
	Sec. 12: NW/4, S/2, NE/4		Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 080213	T-27-N, R-7-W	960.00	Tract 18			33.1180663
	Sec. 28: S/2					
	Sec. 33: W/2, SE/4		Royalty;	12.50%	12.50%	
	Sec. 34: SW/4		Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 080385	T-27-N, R-7-W	498.04	Tract 19			17.1813773
	Sec. 34: SE/4					
	Sec. 35: Lots 3, 4, 5, 6, 11, 12, 13, 14 (W/2)		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc, as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE IX
EIGHTH EXPANDED PARTICIPATING AREA FOR THE CHACRA FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATIO
E-291-35	T-26-N, R-7-W Sec. 2: Lots 3, 4, S/2NW/4, (NW/4)	160.68	Tract 27			5.543136
			Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
E-291-35	T-26-N, R-7-W Sec. 2: SW/4	160.00	Tract 28			5.519677
			Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE IX
EIGHTH EXPANDED PARTICIPATING AREA FOR THE CHACRA FORMATION
RINCON UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

Township 26 North, Range 7 West, N.M.P.M.
Section 2: W/2
Section 11: NW/4, E/2
Section 12: All

Township 27 North, Range 7 West, N.M.P.M.
Section 28: S/2
Section 33: W/2, SE/4
Section 34: S/2
Section 35: W/2

Total Number of Acres in Participating Area:	2,898.72
Total Number of Acres Committed in Participating Area:	2,898.72
Percent of Basic Royalty Committed:	100.00%
Percent of Working Interest Committed:	100.00%
Percent of ORRI Committed:	100.00%

EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079052	T-27-N, R-6-W	520.00	Tract 1			2.540073%
	Sec. 17: SW/4, W/2SE/4, SE/4SE/4		Royalty;	12.50%	12.50%	
	Sec. 18: SE/4, E/2SW/4		Working Interest:			
			Union Oil Company of California;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079160	T-26-N, R-7-W	1920.80	Tract 2			9.382631%
	Sec. 1: All		Royalty;	12.50%	12.50%	
	Sec. 11: All		Working Interest:			
	Sec. 12: All		Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079298	T-27-N, R-7-W	336.22	Tract 3			1.642351%
	Sec. 13: Lots 1, 2, 3, 4, 5, 6, 7, 8 (S/2)		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079298-A	T-27-N, R-7-W	160.00	Tract 4			.781561%
	Sec. 14: NW/4		Royalty;	12.5000%	12.5000%	
			Working Interest:			
			El Paso Natural Gas Co.;	74.0625%	74.0625%	
			ORRI;	13.4375%	2.5000%	
			TOTAL	100.0000%	89.0625%	

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EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079298-D	T-27-N, R-7-W	768.76	Tract 6			3.75520%
	Sec. 13: N/2		Royalty;	12.50%	12.50%	
	Sec. 14: Lots 7, 9, 10		Working Interest:			
	(NE/4SW/4,		Union Oil Company of California;	82.50%	82.50%	
	S/2SW/4)		ORRI;	5.00%	5.00%	
	Sec. 24: Lots 9, 10, 11,		TOTAL	100.00%	100.00%	
	12, 13, 14, 15, 15					
	(S/2)					
SF [illegible]101	T-26-N, R-6-W	161.81	Tract 7			.79041%
	Sec. 6: NW/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF 079301-A	T-26-N, R-6-W	161.35	Tract 8			.78816%
	Sec. 6: SW/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATI
SF 079302	T-26-N, R-6-W	160.48		Tract 9			.78391
	Sec. 6: NE/4		Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
SF 079302-B	T-26-N, R-6-W	160.00		Tract 10			.78156
	Sec. 6: SE/4		Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
SF 079321	T-27-N, R-7-W	656.48		Tract 11			1.20674
	Sec. 25: Lots 1, 2, 3, 4, 5, 6, 7, 8 E/2 (All)		Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		82.50%	82.50%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	
SF 079360	T-27-N, R-7-W	800.00		Tract 12			1.90780
	Sec. 15: E/2		Royalty;		12.50%	12.50%	
	Sec. 22: NE/4		Working Interest:				
	Sec. 23: N/2		H. R. Stasney & Sons, et al;		82.50%	82.50%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	OWNERSHIP	DRILLING BLOCK	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA[L] PARTICIPATIO[N]
SF 079364	T-27-N, R-6-W	1295.91		Tract 13			6.33020%
	Sec. 28: S/2		Royalty;		12.500%	12.500%	
	Sec. 29: N/2		Working Interest:				
	Sec. 30: Lots 3, 4, E/2SW/4, SE/4		Union Oil Company of California;		64.166%	64.166%	
			Meridian Oil, Inc. as agent;		12.834%	12.834%	
	Sec. 31: Lots 4, 13, 14, 15, 16, SE/4SW/4, S/2SE/4 (S/2)		ORRI;		10.500%	10.500%	
				TOTAL	100.000%	100.000%	
SF 364	T-27-N, R-6-W	1309.42		Tract 13			6.39619%
	Sec. 28: N/2		Royalty;		12.500%	12.500%	
	Sec. 29: S/2		Working Interest:				
	Sec. 30: Lots 1, 2, E/2NW/4, NE/4		Union Oil Company of California;		66.666%	66.666%	
			Meridian Oil, Inc. as agent;		13.334%	13.334%	
	Sec. 31: Lots 5, 6, 7, 8, 9, 10, 11, 12 (N/2)		ORRI;		7.500%	5.000%	
				TOTAL	100.000%	100.000%	
SF 079365-A	T-27-N, R-6-W	520.00		Tract 14			2.54007%
	Sec. 22: NE/4, NE/4SE/4		Royalty;		12.500%	12.500%	
	Sec. 23: N/2		Working Interest:				
			Union Oil Company of California;		64.166%	64.166%	
			Meridian Oil, Inc. as agent;		12.834%	12.834%	
			ORRI;		(10.500%	10.500%	
				TOTAL	100.000%	100.000%	

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EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 079365-A	T-27-N, R-6-W	320.00	Tract 14			1.56312%
	Sec. 23: S/2		Royalty;	12.500%	12.500%	
			Working Interest:			
			Union Oil Company of California;	66.666%	66.666%	
			Meridian Oil, Inc. as agent;	13.334%	13.334%	
			ORRI;	7.500%	7.500%	
			TOTAL	100.000%	100.000%	
SF 079366	T-27-N, R-6-W	799.40	Tract 15			3.90487%
	Sec. 19: Lots 3,4, E/2SW/4, SE/4		Royalty;	12.500%	12.500%	
	Sec. 21: S/2		Working Interest:			
	Sec. 22: W/2SW/4, SE/4SE/4		Union Oil Company of California;	64.166%	64.166%	
	Sec. 27: NE/4SE/4		Meridian Oil, Inc. as agent;	12.834%	12.834%	
			ORRI;	10.500%	10.500%	
			TOTAL	100.000%	100.000%	
SF 079366	T-27-N, R-6-W	160.00	Tract 15			.78156%
	Sec. 22: W/2NW/4, SW/4SE/4, SE/4SW/4		Royalty;	12.500%	12.500%	
			Working Interest:			
			Union Oil Company of California;	66.666%	66.666%	
			Meridian Oil, Inc. as agent;	13.334%	13.334%	
			ORRI;	7.500%	7.500%	
			TOTAL	100.000%	100.000%	
SF 079366	T-27-N, R-6-W	1279.32	Tract 15-A			6.24916%
	Sec. 19: Lots 1, 2, E/2NW/4, NE/4		Royalty;	12.500%	12.500%	
	Sec. 20: S/2		Working Interest:			
	Sec. 21: N/2		Union Oil Company of California;	66.666%	66.666%	
	Sec. 27: N/2		Meridian Oil, Inc. as agent;	13.334%	13.334%	
			ORRI;	7.500%	7.500%	
			TOTAL	100.000%	100.000%	

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EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	OWNERSHIP (DRILLING BLOCK)		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUA PARTICIPATION
SF 079366	T-27-N, R-6-W	320.00		Tract 15-A			1.563123%
	Sec. 20: N/2		Royalty;		12.500%	12.500%	
			Working Interest:				
			Union Oil Company of California;		64.166%	64.166%	
			Meridian Oil, Inc. as agent;		12.834%	12.834%	
			ORRI;		10.500%	10.500%	
				TOTAL	100.000%	100.000%	
SF 079367-A	T-27-N, R-6-W	440.00		Tract 16			2.149293%
	Sec. 26: N/2		Royalty;		12.50%	12.50%	
	Sec. 27: SE/4SE/4, W/2SE/4		Working Interest:				
			Union Oil Company of California;		77.00%	77.00%	
			ORRI;		10.50%	10.50%	
				TOTAL	100.00%	100.00%	
SF 079367-A	T-27-N, R-6-W	480.00		Tract 16			2.344683%
	Sec. 26: S/2		Royalty;		12.50%	12.50%	
	Sec. 27: SW/4		Working Interest:				
			Union Oil Company of California;		80.00%	80.00%	
			ORRI;		7.50%	7.50%	
				TOTAL	100.00%	100.00%	
SF 079404-A	T-27-N, R-6-W	157.76		Tract 17			.770623%
	Sec. 18: Lots 1, 2, 3 and 4		Royalty;		12.50%	12.50%	
			Working Interest:				
			El Paso Natural Gas Co.;		86.50%	86.50%	
			ORRI;		1.00%	1.00%	
				TOTAL	100.00%	100.00%	

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EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
SF 080213	T-27-N, R-7-W	1280.00	Tract 18			6.25248%
	Sec. 28: S/2					
	Sec. 33: All		Royalty;	12.50%	12.50%	
	Sec. 34: W/2		Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
SF C 385	T-27-N, R-7-W	2645.09	Tract 19			12.92061%
	Sec. 22: SE/4					
	Sec. 23: Lots 1, 2, 3, 4, SW/4 (S/2)		Royalty;	12.50%	12.50%	
			Working Interest:			
	Sec. 26: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 (All)		Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc, as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
	Sec. 27: E/2, SW/4					
	Sec. 34: E/2					
	Sec. 35: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 (All)					

Effective October 1, 1957
Revised February 5, 1990

EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
NM 012209	T-27-N, R-7-W Sec. 14: Lots 1, 2, 3, 4, 5, 6, 8, 11, 12 (E/2, NW/4SW/4)	337.63		Tract 20			1.649241%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Amoco Production Company;		40.75%	40.75%	
			Conoco Inc		40.75%	40.75%	
			ORRI;		6.00%	6.00%	
				TOTAL	100.00%	100.00%	
NM ' 654	T-27-N, R-6-W Sec. 17: N/2, NE/4SE/4 Sec. 18: NE/4, E/2NW/4	600.00		Tract 21			2.930851%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Amoco Production Company;		40.75%	40.75%	
			Conoco Inc.		40.75%	40.75%	
			ORRI;		6.00%	6.00%	
				TOTAL	100.00%	100.00%	
E-289-29	T-27-N, R-7-W Sec. 36: SW/4	160.00		Tract 22			.78156%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.00%	100.00%	

Effective October 1, 1957
Revised February 5, 1990

EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP		PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTU PARTICIPATIO
E-290-3	T-27-N, R-6-W Sec. 32: E/2NW/4, NE/4SW/4 T-27-N, R-7-W Sec. 36: S/2NE/4	200.00		Tract 23			.97695%
			Royalty;		12.50%	12.50%	
			Working Interest:				
			The Wiser Oil Company;		87.50%	87.50%	
			ORRI;		.00%	.00%	
				TOTAL	100.00%	100.00%	
E-290-28	T-27-N, R-6-W Sec. 16: W/2, W/2SE/4, SE/4SE/4	440.00		Tract 24			2.14929%
			Royalty;		12.500%	12.500%	
			Working Interest:				
			Union Oil Company of California;		64.583%	64.583%	
			Meridian Oil, Inc. as agent;		12.917%	12.917%	
			ORRI;		10.000%	0.000%	
				TOTAL	100.000%	90.000%	
E-290-28	T-27-N, R-6-W Sec. 32: SE/4SW/4, W/2NE/4 T-27-N, R-7-W Sec. 36: E/2SE/4	200.00		Tract 24			.9769
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	5.00%	
				TOTAL	100.000%	100.000%	
E-290-28	T-27-N, R-6-W Sec. 32: SE/4, E/2NE/4, SW/4SW/4 T-27-N, R-7-W Sec. 36: NW/4, W/2SE/4	520.00		Tract 25			2.5400
			Royalty;		12.50%	12.50%	
			Working Interest:				
			Union Oil Company of California;		68.75%	68.75%	
			Meridian Oil, Inc. as agent;		13.75%	13.75%	
			ORRI;		5.00%	4.00%	
				TOTAL	100.00%	99.00%	

Effective October 1, 1957
Revised February 5, 1990

EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
E-290-28	T-27-N, R-6-W	160.00	Tract 25			.781563
	Sec. 16: NE/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.000%	100.000%	
E-290-28	T-27-N, R-6-W	200.00	Tract 25			.976953
	Sec. 32: NW/4SW/4, W/2NW/4		Royalty;	12.500%	12.500%	
	T-27-N, R-7-W		Working Interest:			
	Sec. 36: N/2NE/4		Union Oil Company of California;	72.916%	72.916%	
			Meridian Oil, Inc. as agent;	14.584%	14.584%	
			ORRI;	00%	00%	
			TOTAL	100.000%	100.000%	
E-291-3	T-26-N, R-7-W	320.76	Tract 26			1.56682[illegible]
	Sec. 2: Lots 1, 2, S/2NE/4, SE/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			The Wiser Oil Company;	87.50%	87.50%	
			ORRI;	00%	00%	
			TOTAL	100.00%	100.00%	
E-291-35	T-26-N, R-7-W	160.68	Tract 27			.78488[illegible]
	Sec. 2: NW/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	

Effective October 1, 1957
Revised February 5, 1990

EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

SERIAL NO.	DESCRIPTION	NO. OF ACRES	DRILLING BLOCK OWNERSHIP	PERCENTAGE	PERCENTAGE COMMITTED	PRESENT ACTUAL PARTICIPATION
E-291-35	T-26-N, R-7-W	160.00	Tract 28			.78156%
	Sec. 2: SW/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	68.75%	68.75%	
			Meridian Oil, Inc. as agent;	13.75%	13.75%	
			ORRI;	5.00%	4.00%	
			TOTAL	100.00%	99.00%	
E-6443-4	T-27-N, R-6-W	40.00	Tract 29			.19539%
	Sec. 16: NE/4SE/4		Royalty;	12.50%	12.50%	
			Working Interest:			
			Union Oil Company of California;	82.50%	82.50%	
			ORRI;	5.00%	5.00%	
			TOTAL	100.00%	100.00%	
Fee	T-27-N, R-6-W	160.00	Tract 30			.78156%
	Sec. 22: E/2NW/4, NE/4SW/4 NW/4SE/4		Royalty;	12.50%	00%	
			Working Interest:			
			Union Oil Company of California;	75.00%	75.00%	
			ORRI;	12.50%	12.50%	
			TOTAL	100.00%	87.50%	

Effective October 1, 1957
Revised February 5, 1990

EXHIBIT "B"
SCHEDULE IX-A
REVISED EIGHTH EXPANDED PARTICIPATING AREA FOR THE PICTURED CLIFFS FORMATION
RINCON UNIT AREA

RECAPITULATION

Description of Lands in Participating Area:

Township 26 North, Range 6 West, N.M.P.M.
Section 6: All
Township 26 North, Range 7 West, N.M.P.M.
Sections 1, 2, 11, 12: All
Township 27 North, Range 6 West, N.M.P.M.
Sections 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 32: All

Township 27 North, Range 7 West, N.M.P.M.
Sections 15, 22: E/2
Sections 13, 14, 23, 24, 25, 26, 33 34, 35, 36: All
Section 27: E/2, SW/4
Section 28: S/2

Total Number of Acres in Participating Area:	20,823.94
Total Number of Acres Committed in Participating Area:	20,471.87
Percent of Basic Royalty Committed:	99.90159%
Percent of Working Interest Committed:	100.00000%
Percent of O.R.R.I. Committed:	99.83976%

Effective October 1, 1957
Revised February 5, 1990

JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

November 3, 1992

Unocal
300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401

Attention: Mr. William L. Irwin

Re: Application for the Initial
Basin Fruitland Coal Gas
Participating Area "A" through "E"
Rincon Unit
Rio Arriba County

Dear Mr. Irwin:

The Bureau of Land Management has notified this office that the initial Fruitland Coal Participating Areas A through E have been approved. Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management and has this date also approved your application for the above mentioned participating areas.

PA-"A"--Well 252 contains 318.68 acres and is described as the N½ of Section 18, Township 27 North, Range 6 West, and is effective 8-24-90.

PA-"B"--Well 292 contains 338.04 acres and is described as the W½ of Section 35, Township 27 North, Range 7 West, and is effective 9-6-90.

PA-"C"--Well 274 contains 320.00 acres and is described as the N½ of Section 36, Township 27 North, Range 7 West, and is effective 10-4-90.

PA-"D"--Well 259 contains 320.00 acres and is described as the E½ of Section 29, Township 27 North, Range 6 West, and is effective 9-6-90.

PA-"E"--Wells 269 & 270 contains 640.00 acres and is described as the ALL of Section 12, Township 26 North, Range 7 West, and is effective 9-7-90.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: [signature]
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.
cc: Reader File

OIL CONSER... ...N DIVISION
REC... ...ED

'92 NO... 2 AM 9 19

Rincon Unit
Fruitland Coal (PA)
3183.5 (019)

OCT. 28 1992

Mr. William L. Irwin
Unocal Oil and Gas Division
3300 North Butler Avenue Suite 200
Farmington, NM 87401

Dear Mr Irwin:

We have reviewed your applications for paying well determinations in the Fruitland Coal Formation of the Rincon Unit. Your applications includes a total of six wells which you have determined to be capable of producing unitized substances in paying quantities. These six wells are the supporting wells for Initial Fruitland Coal Participating Areas A through E.

Your submission includes unit well No. 269 as the supporting well for the first expansion to Participating Area "E". The completion date of the supporting well precedes the effective date of Initial Participating Area "E". Since a Participating Area cannot be expanded prior to the effective date, both wells (No. 269 and No. 270) will be the supporting wells for Initial Participating Area "E" which will be comprised of all of Section 12, T. 26 N., R. 7 W. (640 acres).

The following table will reflect the approved Participating Areas, their effective date, supporting wells, acreage involved, and the new production reporting number for each participating area.

PA LETTER	EFFECTIVE DATE	ACRES	ALLOCATED	LOCATION SEC T R	WELL	REPORT ID
A	08-24-90	318.68	N½	18 27N 6W	252	892000916E
B	09-06-90	338.04	W½	35 27N 7W	292	892000916F
C	10-04-90	320.00	N½	36 27N 7W	274	892000916G
D	09-06-90	320.00	E½	29 27N 6W	259	892000916H
E	09-07-90	640.00	ALL	12 26N 7W	269 270	892000916I

Participating Areas A through E are hereby approved with the effective dates listed in the chart. Please report future production from each well under the new reporting identification number listed.

If you have any questions, please contact Ray Hager at (505) 599-8959.

Sincerely,

/s/ John L. Keller

John L. Keller
Chief, Branch of Mineral Resources

2 Enclosures
1 - Original Application
2 - Engineering Report

cc:
MMS, RMP, MS-3240, Denver, CO (w/enclosure)
Commissioner of Public Lands, Santa Fe, NM (w/o enclosure)
New Mexico Oil Conservation Division, Santa Fe, NM (w/o enclosure)

JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

October 30, 1992

Unocal
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401

Attention: Mr. William L. Irwin

Re: Amendment to the Application for Disqualification from the Basin Fruitland Coal Gas Participating Areas
Rincon Unit
Rio Arriba County

Dear Mr. Irwin:

The Bureau of Land Management has advised this office that 34 wells have been determined non-commercial in the Rincon Unit (Fruitland/Coal) Formation and therefore not entitled to receive a participating area.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determination that the following wells are non-commercial and production should be reported on a lease basis.

TOWNSHIP 27 NORTH, RANGE 6 WEST, N.M.P.M.
Section 17: All, 640 acres, Rincon 258 and 253
Section 16: All, 640 acres, Rincon 257 and 256
Section 19: All, 640 acres, Rincon 263 and 264
Section 20: All, 640 acres, Rincon 254 and 255
Section 21: E/2, 320 acres, Rincon 117
Section 23: N/2, 320 acres, Rincon 246
Section 30: All, 640 acres, Rincon 265 and 19
Section 29: W/2, 320 acres, Rincon 261
Section 28: S/2, 320 acres, Rincon 251
Section 32: E/2, 320 acres, Rincon 260

TOWNSHIP 26 NORTH, RANGE 6 WEST, N.M.P.M.
Section 6: N/2, 320 acres, Rincon 300

TOWNSHIP 27 NORTH, RANGE 7 WEST, N.M.P.M.
Section 13: All, 640 acres, Rincon 276 and 277
Section 14: All, 640 acres, Rincon 278 and 279
Section 15: E/2, 320 acres, Rincon 280
Section 23: N/2, 320 acres, Rincon 281
Section 25: S/2, 320 acres, Rincon 301
Section 26: W/2, 320 acres, Rincon 286
Section 27: S/2, 320 acres, Rincon 287
Section 36: S/2, 320 acres, Rincon 273
Section 35: E/2, 320 acres, Rincon 293
Section 34: All, 640 acres, Rincon 291 and 35
Section 33: W/2, 320 acres, Rincon 290

TOWNSHIP 26 NORTH, RANGE 7 WEST, N.M.P.M.
Section 1: All, 640 acres, Rincon 272 and 271
Section 2: N/2, 320 acres, Rincon 294
Section 11: N/2, 320 acres, Rincon 295

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
BLM
OCD
TRD

Rincon Unit
Fruitland Coal (PA)
3183.5 (019)

OCT 6 1992

Mr. William L. Irwin
Unocal Oil and Gas Division
3300 North Butler Avenue Suite 200
Farmington, NM 87401

Dear Mr Irwin:

We have reviewed your application for a non-paying well determination in the Fruitland Coal Formation of the Rincon Unit. Your application includes a listing of thirty-four wells which you have determined to be non-paying and seek to exclude from unit participation.

We concur that the thirty-four wells are not capable of producing unitized substances in sufficient quantities to pay out the initial investment and provide a reasonable rate of return for the investor.

Your application is hereby approved as submitted. Please continue to report production from the excluded wells on a lease basis.

If you have any questions, please contact Ray Hager at (505) 599-8959.

Sincerely,

John L. Keller

FOR Mike Pool
Area Manager

2 Enclosures
1 - Original Application
2 - Engineering Report

cc:
MMS, RMP, MS-3240, Denver, CO (w/enclosure 1)*
Commissioner of Public Lands, Santa Fe, NM (w/enclosure 1)*
New Mexico Oil Conservation Division, Santa Fe, NM (w/enclosure 1)*

*Does not include economic reviews.

Unocal North American
Oil & Gas Division
Unocal Corporation
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401
Telephone (505) 326-7600
Fax: (505) 326-6145

RECEIVED
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[illegible] N.M.

UNOCAL 76

September 25, 1992

Farmington District

Bureau of Land Management
Minerals Division
1235 La Plata Hwy
Farmington, New Mexico 87401
Attn: Duane Spencer
Chief of Reservoir Management

Re: Application for Disqualification from the Basin Fruitland Coal Gas Participating Areas
Rincon Unit, Rio Arriba County, New Mexico

Gentlemen:

Enclosed are two copies of the Application for Disqualification from the Basin Fruitland Coal Gas Participating Areas in the Rincon Unit, Rio Arriba County, New Mexico. Included are economic data demonstrating the non paying status of the subject wells.

Union Oil Company of California, as operator of the Rincon Unit, respectfully requests your approval of this application.

Very Truly Yours,
Union Oil Company of California
dba UNOCAL

William L. Irwin
District Petroleum Engineer

xc: Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
New Mexico Department of Energy & Minerals
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
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92 OCT -1 AM 8:02
019 FARMINGTON, N.M.

APPLICATION FOR DISQUALIFICATION FROM THE BASIN FRUITLAND COAL GAS PARTICIPATING AREAS - RINCON UNIT - RIO ARRIBA COUNTY, NEW MEXICO

Duane Spencer
Chief of Reservoir Management
Bureau of Land Management - Minerals Division
1235 La Plata Highway
Farmington, New Mexico 87401

Union Oil Company of California, as unit operator of the Rincon Unit, respectfully submits for your approval the following described lands to constitute disqualification from the participating areas for the Basin Fruitland Coal Gas producing formation:

TOWNSHIP 27 NORTH, RANGE 6 WEST, N.M.P.M.
Section 17: All, 640 acres, Rincon 258 and 253
Section 16: All, 640 acres, Rincon 257 and 256
Section 19: All, 640 acres, Rincon 263 and 264
Section 20: All, 640 acres, Rincon 254* and 255
Section 21: E/2, 320 acres, Rincon 117
Section 23: N/2, 320 acres, Rincon 246
Section 30: All, 640 acres, Rincon 265 and 19
Section 29: W/2, 320 acres, Rincon 261
Section 28: S/2, 320 acres, Rincon 251
Section 32: E/2, 320 acres, Rincon 260

TOWNSHIP 26 NORTH, RANGE 6 WEST, N.M.P.M.
Section 6: N/2, 320 acres, Rincon 300

TOWNSHIP 27 NORTH, RANGE 7 WEST, N.M.P.M.
Section 13: All, 640 acres, Rincon 276 and 277
Section 14: All, 640 acres, Rincon 278 and 279
Section 15: E/2, 320 acres, Rincon 280*
Section 23: N/2, 320 acres, Rincon 281
Section 25: S/2, 320 acres, Rincon 301
Section 26: W/2, 320 acres, Rincon 286
Section 27: S/2, 320 acres, Rincon 287
Section 36: S/2, 320 acres, Rincon 273
Section 35: E/2, 320 acres, Rincon 293
Section 34: All, 640 acres, Rincon 291 and 35*
Section 33: W/2, 320 acres, Rincon 290

TOWNSHIP 26 NORTH, RANGE 7 WEST, N.M.P.M.
Section 1: All, 640 acres, Rincon 272 and 271
Section 2: N/2, 320 acres, Rincon 294
Section 11: N/2, 320 acres, Rincon 295

(* Wells unable to produce - have not been delivered).

Economic analysis determined that the above wells are not capable of producing unitized substances in paying quantities.

Applicant respectfully requests your approval of the above selection of lands to constitute disqualification from the Basin Fruitland Coal Gas Formation participating areas.

Dated this 25th day of September, 1992.

WLI

William L. Irwin
District Petroleum Engineer
Union Oil Company of California

JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1212

October 6, 1992

Unocal Corporation
3300 North Butler Avenue-Suite 200
Farmington, New Mexico 87401

Attn: William L. Irwin

Re: 1992 (Revision) Plan of Development
Rincon Unit
Rio Arriba County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: Floyd Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

JB/FOP/pm
cc: OCD
BLM

Unocal North American
Oil & Gas Division
Unocal Corporation
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401
Telephone (505) 326-7600
Fax: (505) 326-6145

OIL CONSER... ..N DIVISION
RE... ..ED

'92 OC... 5 PM 9 50

UNOCAL 76

October 2, 1992

Farmington District

U.S. Department of the Interior
Bureau of Land Management
Branch of Fluid Minerals
Farmington Resource Area
1235 La Plata Highway
Farmington, New Mexico 87401

RE: Revision
1992 Plan of Development
Rincon Unit
Rio Arriba County, New Mexico

Gentlemen:

The 1992 Plan of Development submitted by Union Oil Company of California (UNOCAL) was revised on August 14, 1992. This revision listed the Rincon unit No. 137M as a proposed dual Blanco Mesaverde/Basin Dakota well. Because of poor Mesaverde development, UNOCAL has changed this well to a dual undesignated Gallup/Basin Dakota well. This formation change also alters the well name to the Rincon Unit No. 137E.

If there are any questions, please contact Dana Delventhal at (505)326-7600.

Sincerely,

Union Oil Company of California
dba UNOCAL

WLI

William L. Irwin
District Petroleum Engineer

WLI/DLD/df

cc: Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87540-2088

OIL CONSER[illegible] N DIVISION
RE[illegible]ED

'92 OC[illegible] 2 PM 8 47

Rincon Unit
Fruitland Coal (PA)
3183.5 (019)

1992

Ms. Heather Dahlgren
Unocal Oil and Gas Division
3300 North Butler Avenue, Suite 200
Farmington, NM 87401

Dear Ms. Dahlgren:

We have reviewed your application for a non paying well determination in the Fruitland Coal Formation in the Rincon Unit. Your application concerns No. 241 Unit Well located in the W½, Section 22, T. 27 N., R 6 W., Rio Arriba County, New Mexico and No. 243 Unit well located in the W½, Section 27, T. 27 N., R. 6 W., Rio Arriba County, New Mexico. We concur with your findings that wells No. 241 and No. 243 are incapable of producing unitized substances in paying quantities. Your application is approved as submitted. Please continue to report production from both wells on a lease basis.

If you have any questions, please contact Ray Hager at (505) 599-8959.

Sincerely,

[illegible] Keller

John L. Keller
Chief, Branch of Mineral Resources

2 Enclosures
1 - Original Application
2 - Engineering Report

cc:
MMS, RMP, MS-3240, Denver, CO (w/ enclosure 1)
Commissioner of Public Lands, Santa Fe, NM
New Mexico Oil Conservation Division, Santa Fe, NM

Unocal North American
Oil & Gas Division
Unocal Corporation
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401
Telephone (505) 326-7600
Fax: (505) 326-6145

OIL CONSERVATION DIVISION
RECEIVED

'92 OCT 5 PM 9 33

UNOCAL 76

September 30, 1992

Farmington District

Bureau of Land Management
Minerals Division
1235 La Plata Hwy
Farmington, New Mexico 87401
Attn: Duane Spencer
Chief of Reservoir Management

Re: Amendments to the Application for Disqualification from the Basin Fruitland Coal Gas Participating Areas Rincon Unit, Rio Arriba County, New Mexico

Gentlemen:

Please note the amendments to the following wells in the Application for Disqualification from the Basin Fruitland Coal Gas Participating Areas in the Rincon Unit, Rio Arriba County, New Mexico.

TOWNSHIP 27 NORTH, RANGE 6 WEST:
Section 21: E/2, 320 acres, Rincon 117 (Added to list)
Section 28: S/2, 320 acres, Rincon 251 (Exclude N/2)
Section 30: All, 640 acres, Rincon 265 and 19 (E/2, W/2)
Section 32: E/2, 320 acres, Rincon 260 (Change plat)
TOWNSHIP 27 NORTH, RANGE 7 WEST:
Section 26: W/2, 320 acres, Rincon 286 (Change plat)
Section 33: W/2, 320 acres, Rincon 290 (Change plat)

Enclosed please find the revised list of wells in the Application for Disqualification from the Fruitland Coal participating areas.

Very Truly Yours,
Heather Dahlgren
Heather Dahlgren
Reservoir Technician

xc: Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
New Mexico Department of Energy & Minerals
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

APPLICATION FOR DISQUALIFICATION FROM THE BASIN FRUITLAND COAL GAS PARTICIPATING AREAS - RINCON UNIT - RIO ARRIBA COUNTY, NEW MEXICO

Duane Spencer
Chief of Reservoir Management
Bureau of Land Management - Minerals Division
1235 La Plata Highway
Farmington, New Mexico 87401

Union Oil Company of California, as unit operator of the Rincon Unit, respectfully submits for your approval the following described lands to constitute disqualification from the participating areas for the Basin Fruitland Coal Gas producing formation:

TOWNSHIP 27 NORTH, RANGE 6 WEST, N.M.P.M.
Section 17: All, 640 acres, Rincon 258 and 253
Section 16: All, 640 acres, Rincon 257 and 256
Section 19: All, 640 acres, Rincon 263 and 264
Section 20: All, 640 acres, Rincon 254* and 255
Section 21: E/2, 320 acres, Rincon 117
Section 23: N/2, 320 acres, Rincon 246
Section 30: All, 640 acres, Rincon 265 and 19
Section 29: W/2, 320 acres, Rincon 261
Section 28: S/2, 320 acres, Rincon 251
Section 32: E/2, 320 acres, Rincon 260

TOWNSHIP 26 NORTH, RANGE 6 WEST, N.M.P.M.
Section 6: N/2, 320 acres, Rincon 300

TOWNSHIP 27 NORTH, RANGE 7 WEST, N.M.P.M.
Section 13: All, 640 acres, Rincon 276 and 277
Section 14: All, 640 acres, Rincon 278 and 279
Section 15: E/2, 320 acres, Rincon 280*
Section 23: N/2, 320 acres, Rincon 281
Section 25: S/2, 320 acres, Rincon 301
Section 26: W/2, 320 acres, Rincon 286
Section 27: S/2, 320 acres, Rincon 287
Section 36: S/2, 320 acres, Rincon 273
Section 35: E/2, 320 acres, Rincon 293
Section 34: All, 640 acres, Rincon 291 and 35*
Section 33: W/2, 320 acres, Rincon 290

TOWNSHIP 26 NORTH, RANGE 7 WEST, N.M.P.M.
Section 1: All, 640 acres, Rincon 272 and 271
Section 2: N/2, 320 acres, Rincon 294
Section 11: N/2, 320 acres, Rincon 295

(* Wells unable to produce - have not been delivered).

Economic analysis determined that the above wells are not capable of producing unitized substances in paying quantities.

Unocal North American
Oil & Gas Division
Unocal Corporation
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401
Telephone (505) 326-7600
Fax: (505) 326-6145

UNOCAL 76

September 25, 1992

RECEIVED

SEP 2 1992

OIL CONSERVATION DIVISION

Farmington District
Bureau of Land Management
Minerals Division
1235 La Plata Hwy
Farmington, New Mexico 87401
Attn: Duane Spencer
Chief of Reservoir Management

Re: Application for Disqualification from the Basin Fruitland Coal Gas Participating Areas
Rincon Unit, Rio Arriba County, New Mexico

Gentlemen:

Enclosed are two copies of the Application for Disqualification from the Basin Fruitland Coal Gas Participating Areas in the Rincon Unit, Rio Arriba County, New Mexico. Included are economic data demonstrating the non paying status of the subject wells.

Union Oil Company of California, as operator of the Rincon Unit, respectfully requests your approval of this application.

Very Truly Yours,
Union Oil Company of California
dba UNOCAL

WLI

William L. Irwin
District Petroleum Engineer

xc: Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
New Mexico Department of Energy & Minerals
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

APPLICATION FOR DISQUALIFICATION FROM THE BASIN FRUITLAND COAL GAS PARTICIPATING AREAS - RINCON UNIT - RIO ARRIBA COUNTY, NEW MEXICO

Duane Spencer
Chief of Reservoir Management
Bureau of Land Management - Minerals Division
1235 La Plata Highway
Farmington, New Mexico 87401

Union Oil Company of California, as unit operator of the Rincon Unit, respectfully submits for your approval the following described lands to constitute disqualification from the participating areas for the Basin Fruitland Coal Gas producing formation:

TOWNSHIP 27 NORTH, RANGE 6 WEST, N.M.P.M.
Section 17: All, 640 acres, Rincon 258 and 253
Section 16: All, 640 acres, Rincon 257 and 256
Section 19: All, 640 acres, Rincon 263 and 264
Section 20: All, 640 acres, Rincon 254* and 255
Section 23: N/2, 320 acres, Rincon 246
Section 30: N/2, 320 acres, Rincon 265 and 19
Section 29: W/2, 320 acres, Rincon 261
Section 28: All, 640 acres, Rincon 250 and 251
Section 32: N/2, 320 acres, Rincon 260

TOWNSHIP 26 NORTH, RANGE 6 WEST, N.M.P.M.
Section 6: N/2, 320 acres, Rincon 300

TOWNSHIP 27 NORTH, RANGE 7 WEST, N.M.P.M.
Section 13: All, 640 acres, Rincon 276 and 277
Section 14: All, 640 acres, Rincon 278 and 279
Section 15: E/2, 320 acres, Rincon 280*
Section 23: N/2, 320 acres, Rincon 281
Section 25: S/2, 320 acres, Rincon 301
Section 26: S/2, 320 acres, Rincon 286
Section 27: S/2, 320 acres, Rincon 287
Section 36: S/2, 320 acres, Rincon 273
Section 35: E/2, 320 acres, Rincon 293
Section 34: All, 640 acres, Rincon 291 and 35*
Section 33: S/2, 320 acres, Rincon 290

TOWNSHIP 26 NORTH, RANGE 7 WEST, N.M.P.M.
Section 1: All, 640 acres, Rincon 272 and 271
Section 2: N/2, 320 acres, Rincon 294
Section 11: N/2, 320 acres, Rincon 295

(* Wells unable to produce - have not been delivered).

Economic analysis determined that the above wells are not capable of producing unitized substances in paying quantities.

Applicant respectfully requests your approval of the above selection of lands to constitute disqualification from the Basin Fruitland Coal Gas Formation participating areas.

Dated this 25th day of September, 1992.

William L. Irwin
District Petroleum Engineer
Union Oil Company of California

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 19

DATE : 08/18/92
TIME : 11:59:56
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 659

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	02/91										
406 GAS	2329.00	250.00 M/M	X	YRS	EXP	35.77	56.476	2/96	35.77	2329.	245.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		2/96		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		2/96		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		2/96		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		2/96		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		2/96		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		1/91		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		1/91		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		1/91		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	223.93	.00 M$N	02/91	AD		223.929	2/91	.	223.9	223.9

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 2/91 P.W. DATE : 2/91 REPORT DATE : 2/91
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 19

DATE : 08/18/92
TIME : 11:59:56
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 659

RESERVES AND ECONOMICS

AS OF DATE: 2/91

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
1-92	.000	22.581	.000	19.759	.00	1.140	21.637	3.806	223.929	-206.098	-206.098	-206.735
1-93	.000	14.503	.000	12.690	.00	1.140	13.897	3.384	.000	10.513	-195.585	-197.374
1-94	.000	9.315	.000	8.150	.00	1.140	8.925	3.112	.000	5.813	-189.772	-192.593
1-95	.000	5.982	.000	5.235	.00	1.140	5.732	2.938	.000	2.794	-186.978	-190.468
1-96	.000	3.842	.000	3.362	.00	1.140	3.682	2.826	.000	.856	-186.122	-189.864
1-97	.000	.250	.000	.219	.00	1.140	.239	.232	.000	.008	-186.115	-189.859
1-98												
1-99												
1-00												
1-01												
1-02												
1-03												
1-04												
1-05												
1-06												
S TOT	.000	56.473	.000	49.414	.00	1.140	54.113	16.298	223.929	-186.115	-186.115	-189.859
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-186.115	-189.859
TOTAL	.000	56.473	.000	49.414	.00	1.140	54.113	16.298	223.929	-186.115	-186.115	-189.859

	OIL	GAS			P.W. %	P.W., M$
GROSS WELLS	.0	1.0	LIFE, YRS.	5.08	5.00	-188.475
GROSS ULT., MB & MMF	.000	56.475	DISCOUNT %	8.33	10.00	-190.507
GROSS CUM., MB & MMF	.000	.000	UNDISCOUNTED PAYOUT, YRS.	5.08	15.00	-192.271
GROSS RES., MB & MMF	.000	56.473	DISCOUNTED PAYOUT, YRS.	5.08	20.00	-193.816
NET RES., MB & MMF	.000	49.414	UNDISCOUNTED NET/INVEST.	.17	25.00	-195.180
NET REVENUE, M$	.000	56.332	DISCOUNTED NET/INVEST.	.15	30.00	-196.392
INITIAL PRICE, $	.000	1.140	RATE-OF-RETURN, PCT.	00.00	40.00	-198.452
INITIAL N.I., PCT.	00.000	87.500	INITIAL W.I., PCT.	87.500	60.00	-201.537
					80.00	-203.739
					100.00	-205.392

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 117

DATE : 08/18/92
TIME : 12:04:53
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 654

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	06/91										
406 GAS	286.00	250.00 M/M	X	YRS	EXP	32.31	1.320	10/91	32.31	286.	243.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		10/91		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		10/91		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		10/91		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		10/91		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		10/91		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		5/91		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		5/91		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		5/91		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	221.04	.00 M$N	06/91	AD		221.044	6/91	.	221.0	221.0

RESERVE PARAMETERS ITEM ITEM

201 LOSS NO
203 CUMO, MB .00 CUMG, MMF .00 CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 6/91 P.W. DATE : 6/91 REPORT DATE : 6/91
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 117

DATE : 08/18/92
TIME : 12:04:53
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 654

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 6/91

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO NET INTEREST ----M$----	OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
5-92	.000	1.320	.000	1.155	.00	1.140	1.265	1.163	221.044	-220.942	-220.942	-220.943
5-93												
5-94												
5-95												
5-96												
5-97												
5-98												
5-99												
5-00												
5-01												
5-02												
5-03												
5-04												
5-05												
5-06												
S TOT	.000	1.320	.000	1.155	.00	1.140	1.265	1.163	221.044	-220.942	-220.942	-220.943
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-220.942	-220.943
TOTAL	.000	1.320	.000	1.155	.00	1.140	1.265	1.163	221.044	-220.942	-220.942	-220.943

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	1.320
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	1.320
NET RES., MB & MMF	.000	1.155
NET REVENUE, M$	.000	1.317
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	.42
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	.42
DISCOUNTED PAYOUT, YRS.	.42
UNDISCOUNTED NET/INVEST.	.00
DISCOUNTED NET/INVEST.	.00
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-220.943
10.00	-220.944
15.00	-220.944
20.00	-220.945
25.00	-220.945
30.00	-220.946
40.00	-220.947
60.00	-220.949
80.00	-220.950
100.00	-220.952

CON UNIT
YING WELL DETERMINATION
RTICIPATING AREA APPLICATION
UITLAND COAL
LL # 246

DATE : 09/02/92
TIME : 16:27:04
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 655

	INPUT DATA						CALCULATED DATA				
EM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
1 START	10/90										
6 GAS	5121.70	X M/M	05/97	AD	H/2.926	96.32	140.563	4/97	96.32	5122.	1232.
1 "	1232.40	250.00 M/M	X	YRS	EXP	5.00	370.591	6/28	5.00	1232.	249.
6 PRI/GAS	1.35	1.35 $/M	TO	LIFE	FLAT	.00		6/28		1.350	1.350
1 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		6/28		250.000	250.000
6 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		6/28		.875	.875
6 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		6/28		.875	.875
6 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		6/28		.875	.875
1 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		9/90		.037	.037
2 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		9/90		.039	.039
3 ATX	5.46	5.46 %	TO	LIFE	PC	.00		9/90		.055	.055

NVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
01 COMPL	203.45	.00 M$N	10/90	AD		203.445	10/90	.	203.4	203.4

ESERVE PARAMETERS | ITEM | ITEM

01 LOSS NO
03 CUMO, MB .00 CUMG, MMF .00 CUML, MB

ROJECT ASSUMPTIONS

ASE DATE : 8/89 P.W. DATE : 8/89 REPORT DATE : 8/89
UALIFIERS - PROD : OWNER : OTHER :

:NCON UNIT
AYING WELL DETERMINATION
ARTICIPATING AREA APPLICATION
RUITLAND COAL
ELL # 246

DATE : 09/02/92
TIME : 16:27:04
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 655

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 8/89

END-O-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES-- OIL --$/B--	GAS --$/M--	REVENUE TO NET INTEREST ----M$----	OPER EXPENSES ---M$---	NET INVESTMENT ----M$----	TOTAL NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
7-90	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	.000	.000
7-91	.000	31.470	.000	27.536	.00	1.350	35.709	4.137	203.445	-171.873	-171.873	-157.110
7-92	.000	25.127	.000	21.986	.00	1.350	28.512	4.182	.000	24.330	-147.543	-137.226
7-93	.000	20.828	.000	18.225	.00	1.350	23.634	3.915	.000	19.719	-127.824	-122.385
7-94	.000	18.484	.000	16.173	.00	1.350	20.973	3.770	.000	17.203	-110.621	-110.455
7-95	.000	16.925	.000	14.809	.00	1.350	19.205	3.674	.000	15.531	-95.089	-100.530
7-96	.000	15.783	.000	13.810	.00	1.350	17.909	3.603	.000	14.306	-80.783	-92.105
7-97	.000	14.917	.000	13.052	.00	1.350	16.927	3.549	.000	13.377	-67.406	-84.845
7-98	.000	14.232	.000	12.453	.00	1.350	16.149	3.507	.000	12.642	-54.764	-78.522
7-99	.000	13.519	.000	11.829	.00	1.350	15.340	3.463	.000	11.878	-42.886	-73.046
7-00	.000	12.843	.000	11.237	.00	1.350	14.573	3.421	.000	11.152	-31.734	-68.307
7-01	.000	12.200	.000	10.675	.00	1.350	13.843	3.381	.000	10.462	-21.272	-64.210
7-02	.000	11.589	.000	10.140	.00	1.350	13.150	3.343	.000	9.807	-11.464	-60.670
7-03	.000	11.009	.000	9.633	.00	1.350	12.492	3.307	.000	9.185	-2.279	-57.615
7-04	.000	10.458	.000	9.151	.00	1.350	11.867	3.273	.000	8.594	6.314	-54.980
S TOT	.000	229.383	.000	200.710	.00	1.350	260.283	50.524	203.445	6.314	6.314	-54.980
AFTER	.000	140.351	.000	122.807	.00	1.350	159.257	71.477	.000	87.781	94.095	-39.914
TOTAL	.000	369.734	.000	323.518	.00	1.350	419.541	122.001	203.445	94.095	94.095	-39.914

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	369.734
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	369.734
NET RES., MB & MMF	.000	323.518
NET REVENUE, M$	.000	436.748
INITIAL PRICE, $	.000	1.350
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	38.92
DISCOUNT %	8.50
UNDISCOUNTED PAYOUT, YRS.	14.27
DISCOUNTED PAYOUT, YRS.	38.92
UNDISCOUNTED NET/INVEST.	1.46
DISCOUNTED NET/INVEST.	.78
RATE-OF-RETURN, PCT.	4.67
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-6.574
10.00	-49.588
15.00	-70.454
20.00	-81.252
25.00	-86.876
30.00	-89.604
40.00	-90.558
60.00	-85.650
80.00	-78.664
100.00	-71.879

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 251

DATE : 08/18/92
TIME : 07:52:54
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 656

	INPUT DATA								CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	7927.00	X	M/M	05/2000	AD	H/2.018	99.99	129.489	4/00	99.99	7927.	604.
411 "	412.20	250.00	M/M	X	YRS	EXP	5.00	167.439	1/10	5.00	412.	250.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		1/10		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		1/10		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		1/10		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		1/10		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		1/10		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	223.24	.00 M$N	09/90	AD		223.243	9/90	.	223.2	223.2

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 251

DATE : 08/18/92
TIME : 07:52:54
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 656

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	35.100	.000	30.712	.00	1.140	33.633	4.461	223.243	-194.072	-194.072	-194.951
8-92	.000	17.919	.000	15.679	.00	1.140	17.170	3.563	.000	13.608	-180.464	-182.846
8-93	.000	13.872	.000	12.138	.00	1.140	13.292	3.351	.000	9.941	-170.523	-174.691
8-94	.000	11.743	.000	10.275	.00	1.140	11.252	3.239	.000	8.013	-162.510	-168.625
8-95	.000	10.372	.000	9.076	.00	1.140	9.939	3.168	.000	6.771	-155.739	-163.894
8-96	.000	9.394	.000	8.220	.00	1.140	9.002	3.116	.000	5.885	-149.853	-160.099
8-97	.000	8.651	.000	7.570	.00	1.140	8.289	3.078	.000	5.212	-144.642	-156.997
8-98	.000	8.061	.000	7.053	.00	1.140	7.724	3.047	.000	4.677	-139.964	-154.427
8-99	.000	7.578	.000	6.631	.00	1.140	7.261	3.021	.000	4.240	-135.724	-152.276
8-00	.000	6.458	.000	5.651	.00	1.140	6.188	2.963	.000	3.225	-132.499	-150.758
8-01	.000	4.740	.000	4.148	.00	1.140	4.542	2.873	.000	1.669	-130.830	-150.036
8-02	.000	4.504	.000	3.941	.00	1.140	4.315	2.861	.000	1.455	-129.376	-149.456
8-03	.000	4.279	.000	3.744	.00	1.140	4.100	2.849	.000	1.251	-128.125	-148.995
8-04	.000	4.065	.000	3.557	.00	1.140	3.895	2.838	.000	1.058	-127.067	-148.635
8-05	.000	3.862	.000	3.379	.00	1.140	3.701	2.827	.000	.874	-126.193	-148.360
S TOT	.000	150.599	.000	131.774	.00	1.140	144.304	47.254	223.243	-126.193	-126.193	-148.360
AFTER	.000	14.879	.000	13.019	.00	1.140	14.257	12.372	.000	1.885	-124.309	-147.859
TOTAL	.000	165.478	.000	144.793	.00	1.140	158.561	59.626	223.243	-124.309	-124.309	-147.859

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	165.478
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	165.478
NET RES., MB & MMF	.000	144.793
NET REVENUE, M$	.000	165.064
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	19.42
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	19.42
DISCOUNTED PAYOUT, YRS.	19.42
UNDISCOUNTED NET/INVEST.	.44
DISCOUNTED NET/INVEST.	.34
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-140.220
10.00	-151.085
15.00	-158.903
20.00	-164.769
25.00	-169.326
30.00	-172.966
40.00	-178.424
60.00	-185.290
80.00	-189.492
100.00	-192.370

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 253

DATE : 08/18/92
TIME : 10:59:51
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 650

INPUT DATA / CALCULATED DATA

ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	05/91											
406 GAS	4211.10	X	M/M	10/97	AD	H/3.043	99.98	96.579	9/97	99.98	4211.	780.
411 "	779.90	250.00	M/M	X	YRS	EXP	5.00	220.757	12/19	5.00	780.	249.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		12/19		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		12/19		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		12/19		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		12/19		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		12/19		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		4/91		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		4/91		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		4/91		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	201.34	.00 M$N	05/91	AD		201.339	5/91	.	201.3	201.3

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	9.47	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 5/91   P.W. DATE : 5/91   REPORT DATE : 5/91
QUALIFIERS - PROD :   OWNER :   OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 253

DATE : 08/18/92
TIME : 10:59:51
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 650

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 5/91

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES-- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
4-92	.000	23.337	.000	20.420	.00	1.140	22.361	3.846	201.339	-182.824	-182.824	-183.426
4-93	.000	14.894	.000	13.032	.00	1.140	14.271	3.404	.000	10.867	-171.956	-173.767
4-94	.000	12.556	.000	10.986	.00	1.140	12.031	3.282	.000	8.749	-163.207	-166.593
4-95	.000	11.237	.000	9.832	.00	1.140	10.767	3.213	.000	7.554	-155.653	-160.877
4-96	.000	10.346	.000	9.053	.00	1.140	9.914	3.166	.000	6.747	-148.905	-156.164
4-97	.000	9.686	.000	8.476	.00	1.140	9.281	3.132	.000	6.150	-142.756	-152.200
4-98	.000	9.256	.000	8.099	.00	1.140	8.869	3.109	.000	5.759	-136.996	-148.773
4-99	.000	8.853	.000	7.747	.00	1.140	8.483	3.088	.000	5.395	-131.601	-145.809
4-00	.000	8.410	.000	7.359	.00	1.140	8.058	3.065	.000	4.993	-126.608	-143.277
4-01	.000	7.989	.000	6.990	.00	1.140	7.655	3.043	.000	4.612	-121.996	-141.117
4-02	.000	7.589	.000	6.640	.00	1.140	7.271	3.022	.000	4.249	-117.747	-139.281
4-03	.000	7.208	.000	6.307	.00	1.140	6.907	3.002	.000	3.905	-113.842	-137.723
4-04	.000	6.847	.000	5.992	.00	1.140	6.561	2.983	.000	3.578	-110.264	-136.405
4-05	.000	6.505	.000	5.691	.00	1.140	6.233	2.965	.000	3.267	-106.997	-135.294
4-06	.000	6.179	.000	5.406	.00	1.140	5.920	2.948	.000	2.972	-104.025	-134.361
S TOT	.000	150.891	.000	132.030	.00	1.140	144.584	47.269	201.339	-104.025	-104.025	-134.361
AFTER	.000	59.124	.000	51.734	.00	1.140	56.653	38.968	.000	17.685	-86.340	-130.501
TOTAL	.000	210.015	.000	183.764	.00	1.140	201.236	86.238	201.339	-86.340	-86.340	-130.501

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	219.484
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	210.015
NET RES., MB & MMF	.000	183.764
NET REVENUE, M$	.000	209.491
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	28.67
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	28.67
DISCOUNTED PAYOUT, YRS.	28.67
UNDISCOUNTED NET/INVEST.	.57
DISCOUNTED NET/INVEST.	.35
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-117.879
10.00	-135.381
15.00	-146.190
20.00	-153.442
25.00	-158.626
30.00	-162.517
40.00	-167.983
60.00	-174.329
80.00	-177.968
100.00	-180.365

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 255

DATE : 08/18/92
TIME : 07:57:49
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 653

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	3182.00	X	M/M	08/2005	AD	H/1.253	67.42	116.537	7/05	67.42	3182.	270.
411 "	270.40	250.00	M/M	X	YRS	EXP	5.00	121.472	2/07	5.00	270.	249.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		2/07		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		2/07		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		2/07		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		2/07		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		2/07		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	210.05	.00 M$N	09/90	AD		210.054	9/90	.	210.0	210.0

RESERVE PARAMETERS — ITEM — ITEM

201 LOSS NO
203 CUMO, MB .00 CUMG, MMF .00 CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 255

DATE : 08/18/92
TIME : 07:57:49
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 653

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES-- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET INVESTMENT ----M$----	TOTAL NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	26.090	.000	22.828	.00	1.140	24.999	3.990	210.054	-189.045	-189.045	-189.759
8-92	.000	15.637	.000	13.682	.00	1.140	14.983	3.443	.000	11.540	-177.505	-179.490
8-93	.000	11.532	.000	10.091	.00	1.140	11.050	3.228	.000	7.822	-169.683	-173.070
8-94	.000	9.265	.000	8.107	.00	1.140	8.878	3.110	.000	5.768	-163.915	-168.701
8-95	.000	7.807	.000	6.831	.00	1.140	7.481	3.033	.000	4.447	-159.468	-165.592
8-96	.000	6.782	.000	5.934	.00	1.140	6.498	2.980	.000	3.518	-155.949	-163.321
8-97	.000	6.017	.000	5.265	.00	1.140	5.766	2.940	.000	2.826	-153.123	-161.638
8-98	.000	5.424	.000	4.746	.00	1.140	5.197	2.909	.000	2.288	-150.835	-160.380
8-99	.000	4.947	.000	4.329	.00	1.140	4.740	2.884	.000	1.857	-148.979	-159.437
8-00	.000	4.556	.000	3.987	.00	1.140	4.366	2.863	.000	1.502	-147.476	-158.733
8-01	.000	4.228	.000	3.700	.00	1.140	4.051	2.846	.000	1.205	-146.271	-158.212
8-02	.000	3.949	.000	3.456	.00	1.140	3.784	2.832	.000	.952	-145.319	-157.831
8-03	.000	3.708	.000	3.245	.00	1.140	3.553	2.819	.000	.734	-144.584	-157.561
8-04	.000	3.499	.000	3.061	.00	1.140	3.352	2.808	.000	.544	-144.040	-157.375
8-05	.000	3.314	.000	2.900	.00	1.140	3.175	2.798	.000	.377	-143.663	-157.257
S TOT	.000	116.755	.000	102.161	.00	1.140	111.874	45.483	210.054	-143.663	-143.663	-157.257
AFTER	.000	4.664	.000	4.081	.00	1.140	4.469	4.182	.000	.288	-143.375	-157.174
TOTAL	.000	121.419	.000	106.242	.00	1.140	116.344	49.665	210.054	-143.375	-143.375	-157.174

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	121.419
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	121.419
NET RES., MB & MMF	.000	106.242
NET REVENUE, M$	.000	121.116
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	16.50
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	16.50
DISCOUNTED PAYOUT, YRS.	16.50
UNDISCOUNTED NET/INVEST.	.32
DISCOUNTED NET/INVEST.	.25
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-152.578
10.00	-159.155
15.00	-164.069
20.00	-167.874
25.00	-170.910
30.00	-173.392
40.00	-177.219
60.00	-182.232
80.00	-185.416
100.00	-187.647

NCON UNIT
YING WELL DETERMINATION
ARTICIPATING AREA APPLICATION
UITLAND COAL
ELL # 256

DATE : 09/02/92
TIME : 16:25:23
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 647

	INPUT DATA							CALCULATED DATA				
TEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
01 START	10/90											
6 GAS	9865.80	X	M/M	07/97	AD	H/2.902	99.99	200.462	6/97	99.99	9866.	1644.
1 "	1309.30	250.00	M/M	X	YRS	EXP	5.00	448.442	10/29	5.00	1309.	249.
6 PRI/GAS	1.38	1.38	$/M	TO	LIFE	FLAT	.00		10/29		1.380	1.380
1 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		10/29		250.000	250.000
26 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		10/29		.875	.875
36 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		10/29		.875	.875
46 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		10/29		.875	.875
01 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		9/90		.037	.037
02 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		9/90		.039	.039
03 ATX	5.46	5.46	%	TO	LIFE	PC	.00		9/90		.055	.055

NVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
01 COMPL	228.05	.00 M$N	10/90	AD		228.051	10/90	.	228.0	228.0

ESERVE PARAMETERS		ITEM		ITEM	
01 LOSS	NO				
03 CUMO, MB	.00	CUMG, MMF	2.96	CUML, MB	

ROJECT ASSUMPTIONS

ASE DATE : 8/89 P.W. DATE : 8/89 REPORT DATE : 8/89
QUALIFIERS - PROD : OWNER : OTHER :

NCON UNIT
YING WELL DETERMINATION
RTICIPATING AREA APPLICATION
UITLAND COAL
LL # 256

DATE : 09/02/92
TIME : 16:25:23
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 647

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 8/89

ND-	GROSS OIL	GROSS GAS	OIL TO NET	GAS TO NET	--GROSS	PRICES-	REVENUE TO	NET OPER	NET TOTAL	NET INCOME	CUMULATIVE	CUM DISC
-YR	PRODUCTION	PRODUCTION	INTEREST	INTEREST	OIL	GAS	INTEREST	EXPENSES	INVESTMENT	BEFORE FIT	NET INCOME	NET INCOME
----	----MB----	----MMF---	----MB----	----MMF---	--$/B--	--$/M--	----M$----	---M$---	----M$----	----M$----	----M$----	----M$----
7-90	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	.000	.000
7-91	.000	46.092	.000	40.330	.00	1.380	53.463	5.107	228.051	-179.695	-179.695	-164.618
7-92	.000	34.075	.000	29.816	.00	1.380	39.524	4.783	.000	34.741	-144.953	-136.224
7-93	.000	27.968	.000	24.472	.00	1.380	32.441	4.396	.000	28.045	-116.908	-115.116
7-94	.000	24.717	.000	21.627	.00	1.380	28.670	4.190	.000	24.479	-92.429	-98.141
7-95	.000	22.578	.000	19.756	.00	1.380	26.189	4.055	.000	22.134	-70.295	-83.997
7-96	.000	21.020	.000	18.392	.00	1.380	24.381	3.956	.000	20.425	-49.870	-71.969
7-97	.000	19.508	.000	17.069	.00	1.380	22.627	3.860	.000	18.767	-31.103	-61.777
7-98	.000	15.250	.000	13.343	.00	1.380	17.688	3.591	.000	14.098	-17.006	-54.725
7-99	.000	14.486	.000	12.676	.00	1.380	16.803	3.542	.000	13.261	-3.745	-48.612
7-00	.000	13.761	.000	12.041	.00	1.380	15.962	3.497	.000	12.466	8.721	-43.315
7-01	.000	13.072	.000	11.438	.00	1.380	15.163	3.453	.000	11.710	20.431	-38.729
7-02	.000	12.418	.000	10.866	.00	1.380	14.404	3.411	.000	10.993	31.423	-34.762
7-03	.000	11.797	.000	10.322	.00	1.380	13.683	3.372	.000	10.311	41.734	-31.331
7-04	.000	11.206	.000	9.805	.00	1.380	12.998	3.335	.000	9.664	51.398	-28.369
TOT	.000	287.948	.000	251.954	.00	1.380	333.998	54.549	228.051	51.398	51.398	-28.369
FTER	.000	153.764	.000	134.543	.00	1.380	178.354	75.363	.000	102.991	154.389	-11.058
OTAL	.000	441.712	.000	386.498	.00	1.380	512.352	129.912	228.051	154.389	154.389	-11.058

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	444.669
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	441.712
NET RES., MB & MMF	.000	386.498
NET REVENUE, M$	.000	533.367
INITIAL PRICE, $	.000	1.380
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	40.00
DISCOUNT %	8.50
UNDISCOUNTED PAYOUT, YRS.	10.30
DISCOUNTED PAYOUT, YRS.	40.00
UNDISCOUNTED NET/INVEST.	1.68
DISCOUNTED NET/INVEST.	.95
RATE-OF-RETURN, PCT.	7.84
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	30.901
10.00	-23.521
15.00	-51.357
20.00	-66.902
25.00	-75.963
30.00	-81.276
40.00	-85.795
60.00	-84.661
80.00	-79.434
100.00	-73.533

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 257

DATE : 08/18/92
TIME : 08:49:46
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 646

INPUT DATA / CALCULATED DATA

ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	7133.40	X	M/M	10/97	AD	H/2.757	99.99	139.938	9/97	99.99	7133.	1083.
411 "	950.90	250.00	M/M	X	YRS	EXP	5.00	304.027	10/23	5.00	951.	250.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		10/23		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		10/23		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		10/23		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		10/23		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		10/23		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	222.42	.00 M$N	09/90	AD		222.418	9/90	.	222.4	222.4

RESERVE PARAMETERS	ITEM	ITEM
201 LOSS NO		
203 CUMO, MB .00	CUMG, MMF .00	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 257

DATE : 08/18/92
TIME : 08:49:46
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 646

RESERVES AND ECONOMICS

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES-- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	37.012	.000	32.385	.00	1.140	35.465	4.561	222.418	-191.515	-191.515	-192.510
8-92	.000	22.495	.000	19.683	.00	1.140	21.554	3.802	.000	17.752	-173.762	-176.731
8-93	.000	18.630	.000	16.301	.00	1.140	17.851	3.600	.000	14.251	-159.511	-165.046
8-94	.000	16.482	.000	14.422	.00	1.140	15.793	3.487	.000	12.306	-147.205	-155.734
8-95	.000	15.045	.000	13.165	.00	1.140	14.417	3.412	.000	11.004	-136.201	-148.048
8-96	.000	13.990	.000	12.242	.00	1.140	13.405	3.357	.000	10.049	-126.152	-141.570
8-97	.000	13.169	.000	11.523	.00	1.140	12.618	3.314	.000	9.304	-116.848	-136.033
8-98	.000	11.283	.000	9.873	.00	1.140	10.811	3.215	.000	7.596	-109.252	-131.858
8-99	.000	10.611	.000	9.285	.00	1.140	10.168	3.180	.000	6.987	-102.264	-128.315
8-00	.000	10.080	.000	8.820	.00	1.140	9.658	3.152	.000	6.506	-95.758	-125.269
8-01	.000	9.575	.000	8.378	.00	1.140	9.175	3.126	.000	6.049	-89.709	-122.654
8-02	.000	9.096	.000	7.959	.00	1.140	8.715	3.101	.000	5.614	-84.095	-120.414
8-03	.000	8.640	.000	7.560	.00	1.140	8.279	3.077	.000	5.202	-78.893	-118.498
8-04	.000	8.207	.000	7.182	.00	1.140	7.864	3.054	.000	4.810	-74.083	-116.863
8-05	.000	7.796	.000	6.822	.00	1.140	7.471	3.033	.000	4.438	-69.645	-115.470
S TOT	.000	212.111	.000	185.597	.00	1.140	203.245	50.472	222.418	-69.645	-69.645	-115.470
AFTER	.000	89.736	.000	78.519	.00	1.140	85.985	52.382	.000	33.603	-36.043	-108.709
TOTAL	.000	301.847	.000	264.116	.00	1.140	289.230	102.854	222.418	-36.043	-36.043	-108.709

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	301.847
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	301.847
NET RES., MB & MMF	.000	264.117
NET REVENUE, M$	.000	301.093
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	33.17
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	33.17
DISCOUNTED PAYOUT, YRS.	33.17
UNDISCOUNTED NET/INVEST.	.84
DISCOUNTED NET/INVEST.	.51
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-88.495
10.00	-116.428
15.00	-133.388
20.00	-144.722
25.00	-152.842
30.00	-158.964
40.00	-167.630
60.00	-177.809
80.00	-183.705
100.00	-187.610

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 258

DATE : 08/18/92
TIME : 10:15:39
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 648

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	10/90											
406 GAS	4616.10	X	M/M	10/98	AD	H/2.410	97.16	123.388	9/98	97.16	4616.	794.
411 "	793.70	250.00	M/M	X	YRS	EXP	5.00	250.768	4/21	5.00	794.	249.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		4/21		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		4/21		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		4/21		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		4/21		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		4/21		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		9/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		9/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		9/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	223.52	.00	M$N	10/90	AD		223.517	10/90	.	223.5	223.5

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	2.30	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 10/90 P.W. DATE : 10/90 REPORT DATE : 10/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 258

DATE : 08/18/92
TIME : 10:15:39
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 648

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 10/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
9-91	.000	30.287	.000	26.501	.00	1.140	29.021	4.210	223.517	-198.706	-198.706	-199.523
9-92	.000	18.683	.000	16.347	.00	1.140	17.902	3.602	.000	14.299	-184.406	-186.811
9-93	.000	15.197	.000	13.297	.00	1.140	14.561	3.420	.000	11.141	-173.265	-177.674
9-94	.000	13.260	.000	11.603	.00	1.140	12.706	3.319	.000	9.387	-163.878	-170.570
9-95	.000	11.972	.000	10.476	.00	1.140	11.472	3.251	.000	8.220	-155.658	-164.828
9-96	.000	11.031	.000	9.652	.00	1.140	10.570	3.202	.000	7.368	-148.290	-160.077
9-97	.000	10.303	.000	9.015	.00	1.140	9.873	3.164	.000	6.709	-141.581	-156.084
9-98	.000	9.717	.000	8.502	.00	1.140	9.311	3.133	.000	6.177	-135.404	-152.691
9-99	.000	9.284	.000	8.124	.00	1.140	8.896	3.111	.000	5.785	-129.618	-149.757
9-00	.000	8.820	.000	7.717	.00	1.140	8.451	3.086	.000	5.365	-124.253	-147.245
9-01	.000	8.379	.000	7.332	.00	1.140	8.029	3.063	.000	4.965	-119.288	-145.099
9-02	.000	7.960	.000	6.965	.00	1.140	7.627	3.041	.000	4.586	-114.702	-143.269
9-03	.000	7.562	.000	6.617	.00	1.140	7.246	3.021	.000	4.225	-110.477	-141.713
9-04	.000	7.184	.000	6.286	.00	1.140	6.884	3.001	.000	3.883	-106.594	-140.393
9-05	.000	6.825	.000	5.972	.00	1.140	6.539	2.982	.000	3.557	-103.037	-139.276
S TOT	.000	176.464	.000	154.406	.00	1.140	169.087	48.607	223.517	-103.037	-103.037	-139.276
AFTER	.000	71.364	.000	62.444	.00	1.140	68.381	44.640	.000	23.741	-79.296	-134.279
TOTAL	.000	247.828	.000	216.849	.00	1.140	237.468	93.247	223.517	-79.296	-79.296	-134.279

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	250.124
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	247.828
NET RES., MB & MMF	.000	216.849
NET REVENUE, M$	.000	247.208
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	30.58
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	30.58
DISCOUNTED PAYOUT, YRS.	30.58
UNDISCOUNTED NET/INVEST.	.65
DISCOUNTED NET/INVEST.	.40
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-118.753
10.00	-140.250
15.00	-153.432
20.00	-162.271
25.00	-168.608
30.00	-173.386
40.00	-180.148
60.00	-188.105
80.00	-192.737
100.00	-195.821

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 260

DATE : 08/17/92
TIME : 15:40:47
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 661

	INPUT DATA								CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	1220.00	250.00	M/M	X	YRS	EXP	58.51	13.326	6/92	58.51	1220.	243.
411 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		6/92		1.140	1.140
416 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		6/92		250.000	250.000
421 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		6/92		.875	.875
431 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		6/92		.875	.875
441 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		6/92		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	219.12	.00 M$N	09/90	AD		219.121	9/90	.	219.1	219.1

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 260

DATE : 08/17/92
TIME : 15:40:47
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 661

RESERVES AND ECONOMICS

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	9.738	.000	8.520	.00	1.140	9.331	3.134	219.121	-212.925	-212.925	-213.117
8-92	.000	3.588	.000	3.140	.00	1.140	3.438	2.375	.000	1.063	-211.862	-212.157
8-93												
8-94												
8-95												
8-96												
8-97												
8-98												
8-99												
8-00												
8-01												
8-02												
8-03												
8-04												
8-05												
S TOT	.000	13.326	.000	11.660	.00	1.140	12.769	5.510	219.121	-211.862	-211.862	-212.157
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-211.862	-212.157
TOTAL	.000	13.326	.000	11.660	.00	1.140	12.769	5.510	219.121	-211.862	-211.862	-212.157

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	13.326
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	13.326
NET RES., MB & MMF	.000	11.660
NET REVENUE, M$	.000	13.292
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	1.83
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	1.83
DISCOUNTED PAYOUT, YRS.	1.83
UNDISCOUNTED NET/INVEST.	.03
DISCOUNTED NET/INVEST.	.03
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-212.044
10.00	-212.211
15.00	-212.365
20.00	-212.506
25.00	-212.638
30.00	-212.761
40.00	-212.982
60.00	-213.350
80.00	-213.645
100.00	-213.888

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 261

DATE : 08/17/92
TIME : 15:55:45
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 658

ITEM	INPUT DATA: SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		CALCULATED DATA: ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	9727.00	X	M/M	10/99	AD	H/2.163	99.99	167.966	9/99	99.99	9727.	878.
411 "	412.60	250.00	M/M	X	YRS	EXP	5.00	206.202	7/09	5.00	413.	249.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		7/09		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		7/09		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		7/09		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		7/09		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		7/09		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	219.12	.00	M$N	09/90	AD		219.121	9/90	.	219.1	219.1

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 261

DATE : 08/17/92
TIME : 15:55:45
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 658

RESERVES AND ECONOMICS

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET INVESTMENT ----M$----	TOTAL NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	44.661	.000	39.078	.00	1.140	42.794	4.962	219.121	-181.289	-181.289	-182.453
8-92	.000	23.804	.000	20.829	.00	1.140	22.809	3.870	.000	18.939	-162.350	-165.612
8-93	.000	18.739	.000	16.397	.00	1.140	17.956	3.605	.000	14.350	-148.000	-153.842
8-94	.000	16.038	.000	14.033	.00	1.140	15.368	3.464	.000	11.904	-136.096	-144.832
8-95	.000	14.283	.000	12.497	.00	1.140	13.686	3.372	.000	10.313	-125.783	-137.628
8-96	.000	13.021	.000	11.393	.00	1.140	12.477	3.306	.000	9.171	-116.612	-131.715
8-97	.000	12.056	.000	10.549	.00	1.140	11.552	3.256	.000	8.297	-108.315	-126.777
8-98	.000	11.287	.000	9.876	.00	1.140	10.815	3.216	.000	7.600	-100.716	-122.601
8-99	.000	10.654	.000	9.323	.00	1.140	10.209	3.182	.000	7.027	-93.689	-119.038
8-00	.000	5.296	.000	4.634	.00	1.140	5.075	2.902	.000	2.173	-91.516	-118.013
8-01	.000	4.605	.000	4.029	.00	1.140	4.413	2.866	.000	1.547	-89.970	-117.345
8-02	.000	4.375	.000	3.828	.00	1.140	4.192	2.854	.000	1.338	-88.631	-116.810
8-03	.000	4.157	.000	3.637	.00	1.140	3.983	2.842	.000	1.140	-87.491	-116.390
8-04	.000	3.949	.000	3.455	.00	1.140	3.784	2.832	.000	.952	-86.539	-116.066
8-05	.000	3.752	.000	3.283	.00	1.140	3.595	2.821	.000	.774	-85.765	-115.823
S TOT	.000	190.677	.000	166.843	.00	1.140	182.707	49.351	219.121	-85.765	-85.765	-115.823
AFTER	.000	12.976	.000	11.354	.00	1.140	12.433	10.960	.000	1.473	-84.292	-115.426
TOTAL	.000	203.653	.000	178.196	.00	1.140	195.140	60.311	219.121	-84.292	-84.292	-115.426

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	203.653
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	203.653
NET RES., MB & MMF	.000	178.196
NET REVENUE, M$	.000	203.144
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	18.92
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	18.92
DISCOUNTED PAYOUT, YRS.	18.92
UNDISCOUNTED NET/INVEST.	.62
DISCOUNTED NET/INVEST.	.47
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-105.136
10.00	-119.830
15.00	-130.643
20.00	-138.885
25.00	-145.351
30.00	-150.550
40.00	-158.378
60.00	-168.220
80.00	-174.199
100.00	-178.260

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 263

DATE : 08/18/92
TIME : 08:39:27
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 651

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90										
406 GAS	2341.00	250.00 M/M	X	YRS	H/0.996	65.36	59.256	7/98	65.36	2341.	248.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		7/98		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		7/98		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		7/98		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		7/98		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		7/98		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	211.43	.00 M$N	09/90	AD		211.428	9/90	.	211.4	211.4

RESERVE PARAMETERS — ITEM — ITEM

201 LOSS NO
203 CUMO, MB .00 CUMG, MMF .00 CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 263

DATE : 08/18/92
TIME : 08:39:27
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 651

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	19.147	.000	16.753	.00	1.140	18.346	3.627	211.428	-196.708	-196.708	-197.202
8-92	.000	10.987	.000	9.614	.00	1.140	10.528	3.200	.000	7.328	-189.381	-190.677
8-93	.000	7.734	.000	6.768	.00	1.140	7.411	3.030	.000	4.381	-184.999	-187.077
8-94	.000	5.973	.000	5.226	.00	1.140	5.723	2.937	.000	2.785	-182.214	-184.965
8-95	.000	4.866	.000	4.258	.00	1.140	4.662	2.880	.000	1.783	-180.431	-183.717
8-96	.000	4.105	.000	3.592	.00	1.140	3.934	2.840	.000	1.094	-179.337	-183.010
8-97	.000	3.550	.000	3.107	.00	1.140	3.402	2.811	.000	.591	-178.746	-182.656
8-98	.000	2.881	.000	2.521	.00	1.140	2.760	2.557	.000	.203	-178.542	-182.543
8-99												
8-00												
8-01												
8-02												
8-03												
8-04												
8-05												
S TOT	.000	59.243	.000	51.838	.00	1.140	56.767	23.881	211.428	-178.542	-178.542	-182.543
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-178.542	-182.543
TOTAL	.000	59.243	.000	51.838	.00	1.140	56.767	23.881	211.428	-178.542	-178.542	-182.543

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	59.243
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	59.243
NET RES., MB & MMF	.000	51.838
NET REVENUE, M$	.000	59.095
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	7.92
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	7.92
DISCOUNTED PAYOUT, YRS.	7.92
UNDISCOUNTED NET/INVEST.	.16
DISCOUNTED NET/INVEST.	.14
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-181.101
10.00	-183.205
15.00	-184.964
20.00	-186.453
25.00	-187.731
30.00	-188.839
40.00	-190.664
60.00	-193.278
80.00	-195.069
100.00	-196.380

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 264

DATE : 08/18/92
TIME : 08:19:38
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 652

INPUT DATA / CALCULATED DATA

ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	2548.10	X	M/M	09/97	AD	H/2.753	98.28	65.226	8/97	98.28	2548.	520.
411 "	520.30	250.00	M/M	X	YRS	EXP	5.00	128.594	12/11	5.00	520.	249.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		12/11		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		12/11		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		12/11		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		12/11		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		12/11		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	214.45	.00 M$N	09/90	AD		214.450	9/90	.	214.4	214.4

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90   P.W. DATE : 9/90   REPORT DATE : 9/90
QUALIFIERS - PROD :   OWNER :   OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 264

DATE : 08/18/92
TIME : 08:19:38
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 652

RESERVES AND ECONOMICS

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	16.749	.000	14.655	.00	1.140	16.049	3.501	214.450	-201.903	-201.903	-202.314
8-92	.000	10.767	.000	9.421	.00	1.140	10.317	3.188	.000	7.129	-194.774	-195.976
8-93	.000	8.963	.000	7.843	.00	1.140	8.589	3.094	.000	5.495	-189.279	-191.469
8-94	.000	7.946	.000	6.953	.00	1.140	7.614	3.041	.000	4.573	-184.706	-188.008
8-95	.000	7.262	.000	6.354	.00	1.140	6.958	3.005	.000	3.953	-180.753	-185.246
8-96	.000	6.757	.000	5.913	.00	1.140	6.475	2.979	.000	3.496	-177.256	-182.992
8-97	.000	6.363	.000	5.568	.00	1.140	6.097	2.958	.000	3.139	-174.117	-181.123
8-98	.000	6.086	.000	5.325	.00	1.140	5.832	2.943	.000	2.888	-171.229	-179.536
8-99	.000	5.782	.000	5.059	.00	1.140	5.540	2.927	.000	2.613	-168.616	-178.211
8-00	.000	5.493	.000	4.806	.00	1.140	5.263	2.912	.000	2.351	-166.265	-177.110
8-01	.000	5.218	.000	4.566	.00	1.140	5.000	2.898	.000	2.102	-164.163	-176.201
8-02	.000	4.957	.000	4.338	.00	1.140	4.750	2.884	.000	1.866	-162.297	-175.456
8-03	.000	4.710	.000	4.121	.00	1.140	4.513	2.871	.000	1.641	-160.656	-174.852
8-04	.000	4.474	.000	3.915	.00	1.140	4.287	2.859	.000	1.428	-159.228	-174.366
8-05	.000	4.250	.000	3.719	.00	1.140	4.073	2.847	.000	1.225	-158.002	-173.981
S TOT	.000	105.779	.000	92.556	.00	1.140	101.357	44.909	214.450	-158.002	-158.002	-173.981
AFTER	.000	22.401	.000	19.601	.00	1.140	21.464	17.797	.000	3.667	-154.335	-173.048
TOTAL	.000	128.179	.000	112.157	.00	1.140	122.821	62.706	214.450	-154.335	-154.335	-173.048

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	128.179
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	128.179
NET RES., MB & MMF	.000	112.157
NET REVENUE, M$	.000	127.859
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	21.33
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	21.33
DISCOUNTED PAYOUT, YRS.	21.33
UNDISCOUNTED NET/INVEST.	.28
DISCOUNTED NET/INVEST.	.19
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-167.296
10.00	-175.382
15.00	-180.797
20.00	-184.639
25.00	-187.497
30.00	-189.704
40.00	-192.896
60.00	-196.737
80.00	-199.004
100.00	-200.524

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 265

DATE : 08/17/92
TIME : 15:48:50
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 660

	INPUT DATA								CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	2841.90	X	M/M	07/98	AD	H/2.475	99.94	57.497	6/98	99.94	2842.	382.
411 "	381.90	250.00	M/M	X	YRS	EXP	5.00	88.573	10/06	5.00	382.	249.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		10/06		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		10/06		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		10/06		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		10/06		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		10/06		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	215.21	.00 M$N	09/90	AD		215.206	9/90	.	215.2	215.2

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 265

DATE : 08/17/92
TIME : 15:48:50
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 660

RESERVES AND ECONOMICS

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES-- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	15.047	.000	13.166	.00	1.140	14.418	3.412	215.206	-204.201	-204.201	-204.541
8-92	.000	8.803	.000	7.703	.00	1.140	8.435	3.086	.000	5.350	-198.851	-199.782
8-93	.000	7.149	.000	6.255	.00	1.140	6.850	2.999	.000	3.851	-195.000	-196.622
8-94	.000	6.242	.000	5.461	.00	1.140	5.981	2.952	.000	3.029	-191.971	-194.329
8-95	.000	5.641	.000	4.936	.00	1.140	5.405	2.920	.000	2.485	-189.486	-192.592
8-96	.000	5.204	.000	4.553	.00	1.140	4.986	2.897	.000	2.089	-187.397	-191.245
8-97	.000	4.866	.000	4.257	.00	1.140	4.662	2.880	.000	1.783	-185.614	-190.183
8-98	.000	4.605	.000	4.029	.00	1.140	4.413	2.866	.000	1.547	-184.067	-189.333
8-99	.000	4.429	.000	3.876	.00	1.140	4.244	2.857	.000	1.388	-182.680	-188.629
8-00	.000	4.208	.000	3.682	.00	1.140	4.033	2.845	.000	1.187	-181.492	-188.073
8-01	.000	3.998	.000	3.499	.00	1.140	3.831	2.834	.000	.997	-180.495	-187.642
8-02	.000	3.799	.000	3.324	.00	1.140	3.640	2.824	.000	.816	-179.679	-187.316
8-03	.000	3.609	.000	3.158	.00	1.140	3.459	2.814	.000	.645	-179.034	-187.078
8-04	.000	3.429	.000	3.001	.00	1.140	3.286	2.804	.000	.482	-178.552	-186.914
8-05	.000	3.258	.000	2.851	.00	1.140	3.122	2.795	.000	.327	-178.226	-186.811
S TOT	.000	84.288	.000	73.752	.00	1.140	80.765	43.785	215.206	-178.226	-178.226	-186.811
AFTER	.000	3.596	.000	3.147	.00	1.140	3.446	3.251	.000	.195	-178.031	-186.755
TOTAL	.000	87.885	.000	76.899	.00	1.140	84.211	47.035	215.206	-178.031	-178.031	-186.755

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	87.885
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	87.885
NET RES., MB & MMF	.000	76.899
NET REVENUE, M$	.000	87.665
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	16.17
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	16.17
DISCOUNTED PAYOUT, YRS.	16.17
UNDISCOUNTED NET/INVEST.	.17
DISCOUNTED NET/INVEST.	.13
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-183.910
10.00	-187.959
15.00	-190.884
20.00	-193.083
25.00	-194.794
30.00	-196.163
40.00	-198.219
60.00	-200.820
80.00	-202.423
100.00	-203.527

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 271

DATE : 08/18/92
TIME : 09:54:03
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 641

ITEM	INPUT DATA: SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		CALCULATED DATA: ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90										
406 GAS	2678.00	250.00 M/M	X	YRS	EXP	77.86	19.354	3/92	77.86	2678.	246.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		3/92		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		3/92		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		3/92		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		3/92		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		3/92		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	192.33	.00 M$N	09/90	AD		192.332	9/90	.	192.3	192.3

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 271

DATE : 08/18/92
TIME : 09:54:03
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 641

RESERVES AND ECONOMICS

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	16.594	.000	14.520	.00	1.140	15.900	3.493	192.332	-179.925	-179.925	-180.269
8-92	.000	2.760	.000	2.415	.00	1.140	2.645	1.676	.000	.969	-178.956	-179.387
8-93												
8-94												
8-95												
8-96												
8-97												
8-98												
8-99												
8-00												
8-01												
8-02												
8-03												
8-04												
8-05												
S TOT	.000	19.354	.000	16.935	.00	1.140	18.545	5.169	192.332	-178.956	-178.956	-179.387
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-178.956	-179.387
TOTAL	.000	19.354	.000	16.935	.00	1.140	18.545	5.169	192.332	-178.956	-178.956	-179.387

	OIL	GAS			P.W. %	P.W., M$
GROSS WELLS	.0	1.0	LIFE, YRS.	1.58	5.00	-179.222
GROSS ULT., MB & MMF	.000	19.354	DISCOUNT %	8.33	10.00	-179.468
GROSS CUM., MB & MMF	.000	.000	UNDISCOUNTED PAYOUT, YRS.	1.58	15.00	-179.695
GROSS RES., MB & MMF	.000	19.354	DISCOUNTED PAYOUT, YRS.	1.58	20.00	-179.907
NET RES., MB & MMF	.000	16.935	UNDISCOUNTED NET/INVEST.	.07	25.00	-180.104
NET REVENUE, M$	.000	19.306	DISCOUNTED NET/INVEST.	.07	30.00	-180.289
INITIAL PRICE, $	.000	1.140	RATE-OF-RETURN, PCT.	00.00	40.00	-180.626
INITIAL N.I., PCT.	00.000	87.500	INITIAL W.I., PCT.	87.500	60.00	-181.194
					80.00	-181.657
					100.00	-182.044

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 272

DATE : 08/18/92
TIME : 10:05:14
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 640

INPUT DATA / CALCULATED DATA

ITEM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	10/90										
406 GAS	2280.00	250.00 M/M	X	YRS	EXP	31.69	64.960	7/96	31.69	2280.	247.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		7/96		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		7/96		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		7/96		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		7/96		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		7/96		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		9/90		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		9/90		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		9/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	204.15	.00 M$N	10/90	AD		204.147	10/90	.	204.1	204.1

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	.94	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 10/90 P.W. DATE : 10/90 REPORT DATE : 10/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 272

DATE : 08/18/92
TIME : 10:05:14
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 640

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 10/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST -----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
9-91	.000	22.750	.000	19.907	.00	1.140	21.799	3.815	204.147	-186.163	-186.163	-186.813
9-92	.000	15.541	.000	13.599	.00	1.140	14.892	3.438	.000	11.454	-174.709	-176.620
9-93	.000	10.616	.000	9.289	.00	1.140	10.173	3.180	.000	6.992	-167.717	-170.874
9-94	.000	7.252	.000	6.346	.00	1.140	6.949	3.004	.000	3.945	-163.772	-167.879
9-95	.000	4.954	.000	4.335	.00	1.140	4.747	2.884	.000	1.863	-161.909	-166.571
9-96	.000	2.906	.000	2.543	.00	1.140	2.784	2.340	.000	.445	-161.465	-166.279
9-97												
9-98												
9-99												
9-00												
9-01												
9-02												
9-03												
9-04												
9-05												
S TOT	.000	64.021	.000	56.018	.00	1.140	61.344	18.662	204.147	-161.465	-161.465	-166.279
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-161.465	-166.279
TOTAL	.000	64.021	.000	56.018	.00	1.140	61.344	18.662	204.147	-161.465	-161.465	-166.279

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	64.958
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	64.021
NET RES., MB & MMF	.000	56.018
NET REVENUE, M$	.000	63.860
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	5.83
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	5.83
DISCOUNTED PAYOUT, YRS.	5.83
UNDISCOUNTED NET/INVEST.	.21
DISCOUNTED NET/INVEST.	.19
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-164.515
10.00	-167.099
15.00	-169.314
20.00	-171.230
25.00	-172.902
30.00	-174.373
40.00	-176.841
60.00	-180.458
80.00	-182.982
100.00	-184.845

NCON UNIT
YING WELL DETERMINATION
RTICIPATING AREA APPLICATION
UITLAND COAL
LL # 273

DATE : 09/02/92
TIME : 16:17:35
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 675

	INPUT DATA						CALCULATED DATA				
EM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
1 START	09/90										
6 GAS	7989.00	X M/M	04/99	AD	H/2.249	97.90	202.515	3/99	97.90	7989.	1168.
1 "	1168.30	250.00 M/M	X	YRS	EXP	5.00	417.422	4/29	5.00	1168.	250.
6 PRI/GAS	1.35	1.35 $/M	TO	LIFE	FLAT	.00		4/29		1.350	1.350
1 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		4/29		250.000	250.000
6 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		4/29		.875	.875
6 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		4/29		.875	.875
6 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		4/29		.875	.875
1 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		8/90		.037	.037
2 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		8/90		.039	.039
3 ATX	5.46	5.46 %	TO	LIFE	PC	.00		8/90		.055	.055

NVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
01 COMPL	199.20	.00 M$N	09/90	AD		199.201	9/90	.	199.2	199.2

ESERVE PARAMETERS ITEM ITEM

01 LOSS NO
03 CUMO, MB .00 CUMG, MMF 2.85 CUML, MB

ROJECT ASSUMPTIONS

ASE DATE : 8/89 P.W. DATE : 8/89 REPORT DATE : 8/89
UALIFIERS - PROD : OWNER : OTHER :

:NCON UNIT
-YING WELL DETERMINATION
-RTICIPATING AREA APPLICATION
UITLAND COAL
ELL # 273

DATE : 09/02/92
TIME : 16:17:35
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 675

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 8/89

END- D-YR ----	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS OIL --$/B--	PRICES- GAS --$/M--	REVENUE TO NET INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
7-90	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	.000	.000
7-91	.000	47.195	.000	41.296	.00	1.350	53.553	5.330	199.201	-150.979	-150.979	-139.572
7-92	.000	30.523	.000	26.708	.00	1.350	34.635	4.516	.000	30.119	-120.860	-114.950
7-93	.000	24.208	.000	21.182	.00	1.350	27.469	4.125	.000	23.344	-97.516	-97.376
7-94	.000	20.828	.000	18.225	.00	1.350	23.634	3.915	.000	19.718	-77.797	-83.699
7-95	.000	18.624	.000	16.296	.00	1.350	21.133	3.779	.000	17.354	-60.444	-72.608
7-96	.000	17.035	.000	14.905	.00	1.350	19.329	3.680	.000	15.649	-44.795	-63.391
7-97	.000	15.817	.000	13.839	.00	1.350	17.947	3.605	.000	14.342	-30.452	-55.606
7-98	.000	14.843	.000	12.987	.00	1.350	16.842	3.545	.000	13.298	-17.155	-48.954
7-99	.000	14.074	.000	12.315	.00	1.350	15.970	3.497	.000	12.473	-4.681	-43.204
7-00	.000	13.435	.000	11.755	.00	1.350	15.244	3.457	.000	11.787	7.106	-38.195
7-01	.000	12.763	.000	11.168	.00	1.350	14.482	3.416	.000	11.067	18.172	-33.862
7-02	.000	12.125	.000	10.609	.00	1.350	13.758	3.376	.000	10.382	28.554	-30.114
7-03	.000	11.519	.000	10.079	.00	1.350	13.071	3.339	.000	9.732	38.286	-26.877
7-04	.000	10.943	.000	9.575	.00	1.350	12.417	3.303	.000	9.114	47.401	-24.082
TOT	.000	263.931	.000	230.940	.00	1.350	299.485	52.883	199.201	47.401	47.401	-24.082
FTER	.000	149.521	.000	130.831	.00	1.350	169.663	74.232	.000	95.431	142.832	-7.906
OTAL	.000	413.452	.000	361.771	.00	1.350	469.148	127.115	199.201	142.832	142.832	-7.906

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	416.298
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	413.452
NET RES., MB & MMF	.000	361.771
NET REVENUE, M$	.000	488.391
INITIAL PRICE, $	.000	1.350
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	39.75
DISCOUNT %	8.50
UNDISCOUNTED PAYOUT, YRS.	10.40
DISCOUNTED PAYOUT, YRS.	39.75
UNDISCOUNTED NET/INVEST.	1.72
DISCOUNTED NET/INVEST.	.96
RATE-OF-RETURN, PCT.	8.06
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	30.231
10.00	-19.209
15.00	-44.408
20.00	-58.480
25.00	-66.729
30.00	-71.636
40.00	-76.030
60.00	-75.777
80.00	-71.780
100.00	-67.045

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 276

DATE : 08/18/92
TIME : 11:53:46
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 662

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	11/90										
406 GAS	5950.10	X M/M	06/98	AD	H/2.587	99.99	113.938	5/98	99.99	5950.	797.
411 "	591.80	250.00 M/M	X	YRS	EXP	5.00	194.003	3/15	5.00	592.	250.
416 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		3/15		1.140	1.140
421 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		3/15		250.000	250.000
426 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		3/15		.875	.875
436 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		3/15		.875	.875
446 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		3/15		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		10/90		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		10/90		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		10/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	223.93	.00 M$N	11/90	AD		223.929	11/90	.	223.9	223.9

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 11/90   P.W. DATE : 11/90   REPORT DATE : 11/90
QUALIFIERS - PROD :   OWNER :   OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 276

DATE : 08/18/92
TIME : 11:53:46
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 662

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 11/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
10-91	.000	29.923	.000	26.183	.00	1.140	28.672	4.191	223.929	-199.447	-199.447	-200.223
10-92	.000	17.620	.000	15.418	.00	1.140	16.884	3.547	.000	13.337	-186.110	-188.366
10-93	.000	14.416	.000	12.614	.00	1.140	13.814	3.379	.000	10.434	-175.676	-179.810
10-94	.000	12.653	.000	11.072	.00	1.140	12.124	3.287	.000	8.837	-166.839	-173.122
10-95	.000	11.482	.000	10.047	.00	1.140	11.002	3.226	.000	7.777	-159.062	-167.690
10-96	.000	10.627	.000	9.298	.00	1.140	10.182	3.181	.000	7.001	-152.061	-163.176
10-97	.000	9.963	.000	8.718	.00	1.140	9.547	3.146	.000	6.401	-145.660	-159.366
10-98	.000	8.486	.000	7.425	.00	1.140	8.131	3.069	.000	5.062	-140.598	-156.574
10-99	.000	6.776	.000	5.929	.00	1.140	6.492	2.979	.000	3.513	-137.085	-154.793
10-00	.000	6.436	.000	5.632	.00	1.140	6.167	2.962	.000	3.205	-133.880	-153.292
10-01	.000	6.114	.000	5.350	.00	1.140	5.858	2.945	.000	2.913	-130.967	-152.032
10-02	.000	5.807	.000	5.082	.00	1.140	5.565	2.929	.000	2.636	-128.331	-150.981
10-03	.000	5.517	.000	4.827	.00	1.140	5.286	2.914	.000	2.372	-125.958	-150.107
10-04	.000	5.240	.000	4.585	.00	1.140	5.021	2.899	.000	2.122	-123.836	-149.385
10-05	.000	4.978	.000	4.355	.00	1.140	4.770	2.885	.000	1.884	-121.952	-148.793
S TOT	.000	156.038	.000	136.533	.00	1.140	149.515	47.539	223.929	-121.952	-121.952	-148.793
AFTER	.000	36.212	.000	31.685	.00	1.140	34.698	26.613	.000	8.085	-113.868	-146.872
TOTAL	.000	192.249	.000	168.218	.00	1.140	184.213	74.152	223.929	-113.868	-113.868	-146.872

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	192.249
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	192.249
NET RES., MB & MMF	.000	168.218
NET REVENUE, M$	.000	191.769
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	24.42
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	24.42
DISCOUNTED PAYOUT, YRS.	24.42
UNDISCOUNTED NET/INVEST.	.49
DISCOUNTED NET/INVEST.	.34
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-136.767
10.00	-150.976
15.00	-160.542
20.00	-167.400
25.00	-172.558
30.00	-176.584
40.00	-182.480
60.00	-189.680
80.00	-193.969
100.00	-196.851

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 277

DATE : 08/18/92
TIME : 13:12:40
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 663

ITEM	INPUT DATA: SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		CALCULATED DATA: ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	08/90										
406 GAS	3373.40	250.00 M/M	X	YRS	H/0.994	92.56	40.476	5/95	92.56	3373.	247.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		5/95		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		5/95		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		5/95		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		5/95		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		5/95		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		7/90		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		7/90		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		7/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	226.67	.00 M$N	08/90	AD		226.667	8/90	.	226.6	226.6

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 8/90   P.W. DATE : 8/90   REPORT DATE : 8/90
QUALIFIERS -   PROD :   OWNER :   OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 277

DATE : 08/18/92
TIME : 13:12:40
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 663

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 8/90

-END- MO-YR -----	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
7-91	.000	19.919	.000	17.429	.00	1.140	19.087	3.667	226.667	-211.247	-211.247	-211.704
7-92	.000	8.422	.000	7.369	.00	1.140	8.070	3.066	.000	5.004	-206.243	-207.240
7-93	.000	5.413	.000	4.736	.00	1.140	5.187	2.908	.000	2.279	-203.965	-205.364
7-94	.000	3.995	.000	3.496	.00	1.140	3.828	2.834	.000	.994	-202.971	-204.608
7-95	.000	2.682	.000	2.347	.00	1.140	2.570	2.328	.000	.242	-202.728	-204.436
7-96												
7-97												
7-98												
7-99												
7-00												
7-01												
7-02												
7-03												
7-04												
7-05												
S TOT	.000	40.431	.000	35.377	.00	1.140	38.741	14.803	226.667	-202.728	-202.728	-204.436
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-202.728	-204.436
TOTAL	.000	40.431	.000	35.377	.00	1.140	38.741	14.803	226.667	-202.728	-202.728	-204.436

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	40.431
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	40.431
NET RES., MB & MMF	.000	35.377
NET REVENUE, M$	.000	40.330
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	4.83
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	4.83
DISCOUNTED PAYOUT, YRS.	4.83
UNDISCOUNTED NET/INVEST.	.11
DISCOUNTED NET/INVEST.	.10
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-203.801
10.00	-204.736
15.00	-205.560
20.00	-206.292
25.00	-206.945
30.00	-207.533
40.00	-208.548
60.00	-210.115
80.00	-211.272
100.00	-212.168

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 278

DATE : 08/17/92
TIME : 15:34:47
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 664

	INPUT DATA								CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	5490.90	X	M/M	05/97	AD	H/2.934	100.00	109.434	4/97	100.00	5491.	911.
411 "	911.40	250.00	M/M	X	YRS	EXP	5.00	264.263	7/22	5.00	911.	250.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		7/22		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		7/22		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		7/22		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		7/22		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		7/22		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	218.02	.00	M$N	09/90	AD		218.022	9/90	.	218.0	218.0

RESERVE PARAMETERS

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	1.78	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 278

DATE : 08/17/92
TIME : 15:34:47
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 664

RESERVES AND ECONOMICS

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	28.737	.000	25.145	.00	1.140	27.536	4.128	218.022	-194.615	-194.615	-195.372
8-92	.000	17.913	.000	15.674	.00	1.140	17.164	3.562	.000	13.602	-181.013	-183.282
8-93	.000	14.998	.000	13.123	.00	1.140	14.371	3.410	.000	10.962	-170.051	-174.294
8-94	.000	13.365	.000	11.694	.00	1.140	12.806	3.324	.000	9.482	-160.569	-167.119
8-95	.000	12.266	.000	10.733	.00	1.140	11.753	3.267	.000	8.486	-152.083	-161.192
8-96	.000	11.455	.000	10.023	.00	1.140	10.976	3.224	.000	7.752	-144.331	-156.195
8-97	.000	10.891	.000	9.530	.00	1.140	10.436	3.195	.000	7.241	-137.090	-151.887
8-98	.000	10.481	.000	9.170	.00	1.140	10.042	3.173	.000	6.869	-130.221	-148.113
8-99	.000	9.957	.000	8.712	.00	1.140	9.541	3.146	.000	6.395	-123.826	-144.870
8-00	.000	9.459	.000	8.277	.00	1.140	9.064	3.120	.000	5.944	-117.882	-142.087
8-01	.000	8.987	.000	7.863	.00	1.140	8.611	3.095	.000	5.516	-112.366	-139.703
8-02	.000	8.538	.000	7.471	.00	1.140	8.181	3.072	.000	5.109	-107.257	-137.665
8-03	.000	8.111	.000	7.097	.00	1.140	7.772	3.049	.000	4.723	-102.534	-135.925
8-04	.000	7.706	.000	6.743	.00	1.140	7.384	3.028	.000	4.356	-98.179	-134.444
8-05	.000	7.321	.000	6.406	.00	1.140	7.015	3.008	.000	4.007	-94.172	-133.186
S TOT	.000	180.184	.000	157.661	.00	1.140	172.652	48.802	218.022	-94.172	-94.172	-133.186
AFTER	.000	80.712	.000	70.623	.00	1.140	77.338	48.629	.000	28.709	-65.463	-127.291
TOTAL	.000	260.896	.000	228.284	.00	1.140	249.990	97.431	218.022	-65.463	-65.463	-127.291

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	262.678
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	260.896
NET RES., MB & MMF	.000	228.284
NET REVENUE, M$	.000	260.243
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	31.92
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	31.92
DISCOUNTED PAYOUT, YRS.	31.92
UNDISCOUNTED NET/INVEST.	.70
DISCOUNTED NET/INVEST.	.42
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-110.127
10.00	-133.815
15.00	-148.046
20.00	-157.438
25.00	-164.084
30.00	-169.041
40.00	-175.967
60.00	-183.966
80.00	-188.540
100.00	-191.550

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 279

DATE : 08/18/92
TIME : 13:06:13
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 665

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	12/90											
406 GAS	2150.20	X	M/M	01/96	AD	H/3.708	73.64	70.445	12/95	73.64	2150.	892.
411 "	892.00	250.00	M/M	X	YRS	EXP	5.00	220.744	10/20	5.00	892.	250.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		10/20		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		10/20		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		10/20		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		10/20		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		10/20		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		11/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		11/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		11/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	226.26	.00 M$N	12/90	AD		226.265	12/90	.	226.2	226.2

RESERVE PARAMETERS — ITEM — ITEM

201 LOSS NO
203 CUMO, MB .00 CUMG, MMF .13 CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 12/90 P.W. DATE : 12/90 REPORT DATE : 12/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 279

DATE : 08/18/92
TIME : 13:06:13
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 665

RESERVES AND ECONOMICS

AS OF DATE: 12/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES-- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
11-91	.000	19.109	.000	16.720	.00	1.140	18.310	3.625	226.265	-211.579	-211.579	-212.102
11-92	.000	14.581	.000	12.758	.00	1.140	13.971	3.388	.000	10.584	-200.996	-202.700
11-93	.000	12.830	.000	11.226	.00	1.140	12.293	3.296	.000	8.997	-191.999	-195.325
11-94	.000	11.773	.000	10.302	.00	1.140	11.281	3.241	.000	8.040	-183.959	-189.242
11-95	.000	11.033	.000	9.654	.00	1.140	10.572	3.202	.000	7.370	-176.589	-184.095
11-96	.000	10.477	.000	9.168	.00	1.140	10.039	3.173	.000	6.866	-169.723	-179.669
11-97	.000	9.956	.000	8.712	.00	1.140	9.540	3.146	.000	6.394	-163.329	-175.864
11-98	.000	9.459	.000	8.277	.00	1.140	9.064	3.120	.000	5.944	-157.385	-172.599
11-99	.000	8.987	.000	7.864	.00	1.140	8.611	3.095	.000	5.516	-151.869	-169.801
11-00	.000	8.538	.000	7.471	.00	1.140	8.181	3.072	.000	5.110	-146.759	-167.409
11-01	.000	8.112	.000	7.098	.00	1.140	7.773	3.049	.000	4.724	-142.035	-165.367
11-02	.000	7.707	.000	6.744	.00	1.140	7.385	3.028	.000	4.357	-137.679	-163.629
11-03	.000	7.323	.000	6.407	.00	1.140	7.016	3.008	.000	4.008	-133.670	-162.153
11-04	.000	6.957	.000	6.087	.00	1.140	6.666	2.989	.000	3.677	-129.993	-160.902
11-05	.000	6.610	.000	5.784	.00	1.140	6.334	2.971	.000	3.363	-126.630	-159.847
S TOT	.000	153.453	.000	134.271	.00	1.140	147.038	47.403	226.265	-126.630	-126.630	-159.847
AFTER	.000	67.197	.000	58.797	.00	1.140	64.388	42.672	.000	21.716	-104.914	-155.226
TOTAL	.000	220.650	.000	193.068	.00	1.140	211.426	90.075	226.265	-104.914	-104.914	-155.226

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	220.777
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	220.650
NET RES., MB & MMF	.000	193.068
NET REVENUE, M$	.000	220.098
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	29.92
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	29.92
DISCOUNTED PAYOUT, YRS.	29.92
UNDISCOUNTED NET/INVEST.	.54
DISCOUNTED NET/INVEST.	.31
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-141.056
10.00	-160.652
15.00	-172.550
20.00	-180.429
25.00	-186.000
30.00	-190.143
40.00	-195.897
60.00	-202.448
80.00	-206.122
100.00	-208.500

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 281

DATE : 08/18/92
TIME : 11:47:10
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 666

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	11/90											
406 GAS	1436.60	X	M/M	03/97	AD	H/3.030	91.66	45.836	2/97	91.66	1437.	399.
411 "	398.60	250.00	M/M	X	YRS	EXP	5.00	80.817	4/06	5.00	399.	249.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		4/06		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		4/06		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		4/06		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		4/06		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		4/06		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		10/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		10/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		10/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	217.40	.00	M$N	11/90	AD		217.404	11/90	.	217.4	217.4

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	3.09	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 11/90 P.W. DATE : 11/90 REPORT DATE : 11/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 281

DATE : 08/18/92
TIME : 11:47:10
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 666

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 11/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
10-91	.000	10.934	.000	9.568	.00	1.140	10.477	3.197	217.404	-210.124	-210.124	-210.367
10-92	.000	7.560	.000	6.615	.00	1.140	7.244	3.021	.000	4.223	-205.901	-206.612
10-93	.000	6.425	.000	5.622	.00	1.140	6.157	2.961	.000	3.196	-202.705	-203.990
10-94	.000	5.769	.000	5.048	.00	1.140	5.528	2.927	.000	2.601	-200.104	-202.021
10-95	.000	5.321	.000	4.656	.00	1.140	5.098	2.903	.000	2.195	-197.909	-200.487
10-96	.000	4.987	.000	4.363	.00	1.140	4.778	2.886	.000	1.892	-196.016	-199.267
10-97	.000	4.736	.000	4.144	.00	1.140	4.538	2.873	.000	1.665	-194.351	-198.276
10-98	.000	4.505	.000	3.942	.00	1.140	4.317	2.861	.000	1.456	-192.895	-197.475
10-99	.000	4.280	.000	3.745	.00	1.140	4.101	2.849	.000	1.252	-191.643	-196.840
10-00	.000	4.065	.000	3.557	.00	1.140	3.895	2.838	.000	1.058	-190.585	-196.344
10-01	.000	3.862	.000	3.379	.00	1.140	3.700	2.827	.000	.873	-189.712	-195.967
10-02	.000	3.668	.000	3.210	.00	1.140	3.515	2.817	.000	.698	-189.013	-195.688
10-03	.000	3.485	.000	3.049	.00	1.140	3.339	2.807	.000	.532	-188.482	-195.492
10-04	.000	3.310	.000	2.896	.00	1.140	3.172	2.798	.000	.374	-188.108	-195.364
10-05	.000	3.144	.000	2.751	.00	1.140	3.013	2.790	.000	.223	-187.885	-195.294
S TOT	.000	76.052	.000	66.546	.00	1.140	72.873	43.354	217.404	-187.885	-187.885	-195.294
AFTER	.000	1.513	.000	1.324	.00	1.140	1.449	1.392	.000	.058	-187.827	-195.277
TOTAL	.000	77.565	.000	67.869	.00	1.140	74.322	44.746	217.404	-187.827	-187.827	-195.277

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	80.657
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	77.565
NET RES., MB & MMF	.000	67.869
NET REVENUE, M$	.000	77.371
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	15.50
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	15.50
DISCOUNTED PAYOUT, YRS.	15.50
UNDISCOUNTED NET/INVEST.	.14
DISCOUNTED NET/INVEST.	.10
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-192.844
10.00	-196.308
15.00	-198.809
20.00	-200.685
25.00	-202.138
30.00	-203.295
40.00	-205.018
60.00	-207.163
80.00	-208.458
100.00	-209.336

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 286

DATE : 08/17/92
TIME : 15:13:06
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 668

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90										
406 GAS	5839.00	250.00 M/M	X	YRS	EXP	58.79	75.749	3/94	58.79	5839.	244.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		3/94		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		3/94		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		3/94		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		3/94		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		3/94		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	214.73	.00 M$N	09/90	AD		214.725	9/90	.	214.7	214.7

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 286

DATE : 08/17/92
TIME : 15:13:06
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 668

RESERVES AND ECONOMICS

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET INVESTMENT ----M$----	TOTAL NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	46.470	.000	40.661	.00	1.140	44.527	5.056	214.725	-175.254	-175.254	-176.557
8-92	.000	19.152	.000	16.758	.00	1.140	18.352	3.627	.000	14.725	-160.530	-163.404
8-93	.000	7.893	.000	6.907	.00	1.140	7.563	3.038	.000	4.525	-156.004	-159.663
8-94	.000	2.234	.000	1.955	.00	1.140	2.141	1.648	.000	.493	-155.511	-159.282
8-95												
8-96												
8-97												
8-98												
8-99												
8-00												
8-01												
8-02												
8-03												
8-04												
8-05												
S TOT	.000	75.749	.000	66.281	.00	1.140	72.583	13.369	214.725	-155.511	-155.511	-159.282
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-155.511	-159.282
TOTAL	.000	75.749	.000	66.281	.00	1.140	72.583	13.369	214.725	-155.511	-155.511	-159.282

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	75.749
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	75.749
NET RES., MB & MMF	.000	66.281
NET REVENUE, M$	.000	75.560
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	3.58
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	3.58
DISCOUNTED PAYOUT, YRS.	3.58
UNDISCOUNTED NET/INVEST.	.28
DISCOUNTED NET/INVEST.	.26
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-157.862
10.00	-159.958
15.00	-161.838
20.00	-163.535
25.00	-165.074
30.00	-166.477
40.00	-168.944
60.00	-172.854
80.00	-175.826
100.00	-178.171

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 287

DATE : 08/18/92
TIME : 11:25:54
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 669

INPUT DATA / CALCULATED DATA

ITEM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90										
406 GAS	10848.00	250.00 M/M	X	YRS	EXP	45.58	211.872	11/96	45.58	10848.	242.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		11/96		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		11/96		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		11/96		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		11/96		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		11/96		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	207.44	.00 M$N	09/90	AD		207.444	9/90	.	207.4	207.4

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	2.68	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 287

DATE : 08/18/92
TIME : 11:25:54
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 669

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO NET INTEREST ----M$----	OPER EXPENSES ---M$---	NET INVESTMENT ----M$----	TOTAL NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	97.521	.000	85.331	.00	1.140	93.444	7.727	207.444	-121.727	-121.727	-124.725
8-92	.000	53.073	.000	46.439	.00	1.140	50.854	5.402	.000	45.453	-76.274	-84.228
8-93	.000	28.883	.000	25.273	.00	1.140	27.676	4.136	.000	23.540	-52.734	-64.863
8-94	.000	15.719	.000	13.754	.00	1.140	15.062	3.447	.000	11.615	-41.120	-56.038
8-95	.000	8.555	.000	7.485	.00	1.140	8.197	3.073	.000	5.124	-35.995	-52.440
8-96	.000	4.656	.000	4.074	.00	1.140	4.461	2.869	.000	1.592	-34.403	-51.403
8-97	.000	.784	.000	.686	.00	1.140	.752	.697	.000	.054	-34.349	-51.370
8-98												
8-99												
8-00												
8-01												
8-02												
8-03												
8-04												
8-05												
S TOT	.000	209.190	.000	183.042	.00	1.140	200.446	27.351	207.444	-34.349	-34.349	-51.370
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-34.349	-51.370
TOTAL	.000	209.190	.000	183.042	.00	1.140	200.446	27.351	207.444	-34.349	-34.349	-51.370

	OIL	GAS			P.W. %	P.W., M$
GROSS WELLS	.0	1.0	LIFE, YRS.	6.25	5.00	-45.103
GROSS ULT., MB & MMF	.000	211.873	DISCOUNT %	8.33	10.00	-54.297
GROSS CUM., MB & MMF	.000	.000	UNDISCOUNTED PAYOUT, YRS.	6.25	15.00	-62.243
GROSS RES., MB & MMF	.000	209.190	DISCOUNTED PAYOUT, YRS.	6.25	20.00	-69.176
NET RES., MB & MMF	.000	183.042	UNDISCOUNTED NET/INVEST.	.83	25.00	-75.275
NET REVENUE, M$	.000	208.667	DISCOUNTED NET/INVEST.	.75	30.00	-80.683
INITIAL PRICE, $	.000	1.140	RATE-OF-RETURN, PCT.	00.00	40.00	-89.847
INITIAL N.I., PCT.	00.000	87.500	INITIAL W.I., PCT.	87.500	60.00	-103.536
					80.00	-113.299
					100.00	-120.639

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 290

DATE : 08/17/92
TIME : 15:06:23
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 670

	INPUT DATA						CALCULATED DATA				
ITEM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90										
406 GAS	3031.00	250.00 M/M	X	YRS	EXP	38.43	68.881	10/95	38.43	3031.	247.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		10/95		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		10/95		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		10/95		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		10/95		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		10/95		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	202.64	.00 M$N	09/90	AD		202.636	9/90	.	202.6	202.6

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 290

DATE : 08/17/92
TIME : 15:06:23
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 670

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	28.821	.000	25.219	.00	1.140	27.617	4.133	202.636	-179.152	-179.152	-179.987
8-92	.000	17.747	.000	15.528	.00	1.140	17.005	3.553	.000	13.451	-165.701	-168.007
8-93	.000	10.927	.000	9.561	.00	1.140	10.471	3.197	.000	7.274	-158.427	-162.023
8-94	.000	6.728	.000	5.887	.00	1.140	6.447	2.977	.000	3.470	-154.957	-159.385
8-95	.000	4.143	.000	3.625	.00	1.140	3.970	2.842	.000	1.128	-153.829	-158.589
8-96	.000	.515	.000	.451	.00	1.140	.494	.464	.000	.029	-153.799	-158.570
8-97												
8-98												
8-99												
8-00												
8-01												
8-02												
8-03												
8-04												
8-05												
S TOT	.000	68.882	.000	60.272	.00	1.140	66.003	17.166	202.636	-153.799	-153.799	-158.570
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-153.799	-158.570
TOTAL	.000	68.882	.000	60.272	.00	1.140	66.003	17.166	202.636	-153.799	-153.799	-158.570

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	68.882
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	68.882
NET RES., MB & MMF	.000	60.272
NET REVENUE, M$	.000	68.710
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	5.17
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	5.17
DISCOUNTED PAYOUT, YRS.	5.17
UNDISCOUNTED NET/INVEST.	.24
DISCOUNTED NET/INVEST.	.22
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-156.807
10.00	-159.395
15.00	-161.644
20.00	-163.615
25.00	-165.355
30.00	-166.903
40.00	-169.533
60.00	-173.479
80.00	-176.300
100.00	-178.422

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 291

DATE : 08/17/92
TIME : 14:59:39
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 671

	INPUT DATA								CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	6174.50	X	M/M	09/2003	AD	H/1.481	94.43	144.504	8/03	94.43	6175.	405.
411 "	404.60	250.00	M/M	X	YRS	EXP	5.00	180.765	1/13	5.00	405.	250.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		1/13		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		1/13		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		1/13		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		1/13		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		1/13		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	212.00	.00 M$N	09/90	AD		211.997	9/90	.	211.9	211.9

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 291

DATE : 08/17/92
TIME : 14:59:39
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 671

RESERVES AND ECONOMICS

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF----	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	38.173	.000	33.401	.00	1.140	36.577	4.622	211.997	-180.042	-180.042	-181.050
8-92	.000	19.410	.000	16.983	.00	1.140	18.598	3.640	.000	14.958	-165.084	-167.738
8-93	.000	14.124	.000	12.359	.00	1.140	13.534	3.364	.000	10.170	-154.914	-159.392
8-94	.000	11.406	.000	9.981	.00	1.140	10.930	3.222	.000	7.708	-147.207	-153.555
8-95	.000	9.704	.000	8.491	.00	1.140	9.298	3.133	.000	6.165	-141.041	-149.246
8-96	.000	8.519	.000	7.454	.00	1.140	8.163	3.071	.000	5.092	-135.949	-145.961
8-97	.000	7.639	.000	6.684	.00	1.140	7.320	3.025	.000	4.295	-131.654	-143.403
8-98	.000	6.955	.000	6.086	.00	1.140	6.665	2.989	.000	3.676	-127.978	-141.383
8-99	.000	6.406	.000	5.605	.00	1.140	6.138	2.960	.000	3.178	-124.800	-139.770
8-00	.000	5.953	.000	5.209	.00	1.140	5.704	2.936	.000	2.767	-122.033	-138.474
8-01	.000	5.572	.000	4.875	.00	1.140	5.339	2.916	.000	2.422	-119.610	-137.427
8-02	.000	5.246	.000	4.590	.00	1.140	5.027	2.899	.000	2.127	-117.483	-136.578
8-03	.000	4.964	.000	4.343	.00	1.140	4.756	2.885	.000	1.872	-115.612	-135.888
8-04	.000	4.733	.000	4.141	.00	1.140	4.535	2.873	.000	1.662	-113.949	-135.323
8-05	.000	4.496	.000	3.934	.00	1.140	4.308	2.860	.000	1.448	-112.501	-134.868
S TOT	.000	153.299	.000	134.137	.00	1.140	146.891	47.395	211.997	-112.501	-112.501	-134.868
AFTER	.000	27.037	.000	23.657	.00	1.140	25.907	20.883	.000	5.023	-107.478	-133.622
TOTAL	.000	180.336	.000	157.794	.00	1.140	172.798	68.279	211.997	-107.478	-107.478	-133.622

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	180.336
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	180.336
NET RES., MB & MMF	.000	157.794
NET REVENUE, M$	.000	179.885
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	22.42
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	22.42
DISCOUNTED PAYOUT, YRS.	22.42
UNDISCOUNTED NET/INVEST.	.49
DISCOUNTED NET/INVEST.	.37
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-125.438
10.00	-137.000
15.00	-145.020
20.00	-150.915
25.00	-155.449
30.00	-159.061
40.00	-164.491
60.00	-171.423
80.00	-175.763
100.00	-178.791

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 293

DATE : 08/18/92
TIME : 10:51:23
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 672

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES		SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	01/91										
406 GAS	3988.00	250.00 M/M	X	YRS	EXP	44.66	81.323	9/95	44.66	3988.	240.
411 PRI/GAS	1.14	1.14 $/M	TO	LIFE	FLAT	.00		9/95		1.140	1.140
416 OPC/T	250.00	250.00 $/M	TO	LIFE	FLAT	.00		9/95		250.000	250.000
421 NET/WI	87.50	87.50 %	TO	LIFE	FLAT	.00		9/95		.875	.875
431 NET/NIC	87.50	87.50 %	TO	LIFE	FLAT	.00		9/95		.875	.875
441 NET/NIG	87.50	87.50 %	TO	LIFE	FLAT	.00		9/95		.875	.875
501 STX/OIL	3.75	3.75 %	TO	LIFE	PC	0		12/90		.037	.037
502 STX/GAS	3.94	3.94 %	TO	LIFE	PC	.00		12/90		.039	.039
503 ATX	5.46	5.46 %	TO	LIFE	PC	.00		12/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	212.60	.00 M$N	01/91	AD		212.596	1/91	.	212.5	212.5

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS	NO			
203 CUMO, MB	.00	CUMG, MMF	5.31	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 1/91 P.W. DATE : 1/91 REPORT DATE : 1/91
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 293

DATE : 08/18/92
TIME : 10:51:23
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 672

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 1/91

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
12-91	.000	36.122	.000	31.607	.00	1.140	34.612	4.515	212.596	-182.498	-182.498	-183.548
12-92	.000	19.991	.000	17.492	.00	1.140	19.155	3.671	.000	15.484	-167.014	-169.748
12-93	.000	11.063	.000	9.680	.00	1.140	10.601	3.204	.000	7.397	-159.618	-163.658
12-94	.000	6.122	.000	5.357	.00	1.140	5.866	2.945	.000	2.921	-156.696	-161.433
12-95	.000	2.719	.000	2.379	.00	1.140	2.605	2.111	.000	.494	-156.202	-161.081
12-96												
12-97												
12-98												
12-99												
12-00												
12-01												
12-02												
12-03												
12-04												
12-05												
S TOT	.000	76.017	.000	66.515	.00	1.140	72.840	16.446	212.596	-156.202	-156.202	-161.081
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-156.202	-161.081
TOTAL	.000	76.017	.000	66.515	.00	1.140	72.840	16.446	212.596	-156.202	-156.202	-161.081

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	81.323
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	76.017
NET RES., MB & MMF	.000	66.515
NET REVENUE, M$	.000	75.827
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	4.75
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	4.75
DISCOUNTED PAYOUT, YRS.	4.75
UNDISCOUNTED NET/INVEST.	.27
DISCOUNTED NET/INVEST.	.24
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-159.267
10.00	-161.935
15.00	-164.276
20.00	-166.348
25.00	-168.192
30.00	-169.846
40.00	-172.686
60.00	-177.020
80.00	-180.178
100.00	-182.588

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 294

DATE : 08/18/92
TIME : 09:48:54
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 642

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	5335.50	X	M/M	08/2000	AD	H/1.931	91.51	152.846	7/00	91.51	5336.	717.
411 "	717.20	250.00	M/M	X	YRS	EXP	5.00	262.257	2/21	5.00	717.	250.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		2/21		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		2/21		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		2/21		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		2/21		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		2/21		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	203.94	.00	M$N	09/90	AD		203.941	9/90	.	203.9	203.9

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 294

DATE : 08/18/92
TIME : 09:48:54
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 642

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES-- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET INVESTMENT ----M$----	TOTAL NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	36.956	.000	32.336	.00	1.140	35.411	4.558	203.941	-173.088	-173.088	-174.107
8-92	.000	21.808	.000	19.082	.00	1.140	20.896	3.766	.000	17.130	-155.958	-158.873
8-93	.000	17.053	.000	14.922	.00	1.140	16.340	3.517	.000	12.823	-143.135	-148.354
8-94	.000	14.460	.000	12.652	.00	1.140	13.855	3.382	.000	10.474	-132.661	-140.426
8-95	.000	12.766	.000	11.170	.00	1.140	12.232	3.293	.000	8.939	-123.722	-134.181
8-96	.000	11.548	.000	10.105	.00	1.140	11.065	3.229	.000	7.836	-115.885	-129.128
8-97	.000	10.619	.000	9.291	.00	1.140	10.175	3.181	.000	6.994	-108.891	-124.965
8-98	.000	9.880	.000	8.645	.00	1.140	9.467	3.142	.000	6.325	-102.566	-121.489
8-99	.000	9.274	.000	8.114	.00	1.140	8.886	3.110	.000	5.776	-96.790	-118.560
8-00	.000	8.768	.000	7.672	.00	1.140	8.401	3.084	.000	5.318	-91.473	-116.070
8-01	.000	8.354	.000	7.309	.00	1.140	8.004	3.062	.000	4.942	-86.530	-113.934
8-02	.000	7.936	.000	6.944	.00	1.140	7.604	3.040	.000	4.564	-81.967	-112.113
8-03	.000	7.539	.000	6.597	.00	1.140	7.224	3.019	.000	4.204	-77.762	-110.565
8-04	.000	7.162	.000	6.267	.00	1.140	6.863	3.000	.000	3.863	-73.899	-109.251
8-05	.000	6.804	.000	5.953	.00	1.140	6.519	2.981	.000	3.538	-70.361	-108.140
S TOT	.000	190.925	.000	167.059	.00	1.140	182.944	49.364	203.941	-70.361	-70.361	-108.140
AFTER	.000	70.891	.000	62.030	.00	1.140	67.928	44.396	.000	23.532	-46.829	-103.182
TOTAL	.000	261.816	.000	229.089	.00	1.140	250.872	93.760	203.941	-46.829	-46.829	-103.182

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	261.816
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	261.816
NET RES., MB & MMF	.000	229.089
NET REVENUE, M$	.000	261.161
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	30.50
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	30.50
DISCOUNTED PAYOUT, YRS.	30.50
UNDISCOUNTED NET/INVEST.	.77
DISCOUNTED NET/INVEST.	.49
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-87.130
10.00	-109.401
15.00	-123.257
20.00	-132.677
25.00	-139.517
30.00	-144.731
40.00	-152.215
60.00	-161.206
80.00	-166.546
100.00	-170.149

RINCON UNIT	DATE : 08/18/92
PAYING WELL DETERMINATION	TIME : 09:40:28
PARTICIPATING AREA APPLICATION	DBS FILE : RESMGMT
FRUITLAND COAL	SETUP FILE : FEDERAL
WELL # 295	SEQ NUMBER : 643

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	4359.50	X	M/M	04/98	AD	H/2.559	99.15	104.747	3/98	99.15	4360.	741.
411 "	740.50	250.00	M/M	X	YRS	EXP	5.00	219.739	6/19	5.00	741.	249.
416 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		6/19		1.140	1.140
421 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		6/19		250.000	250.000
426 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		6/19		.875	.875
436 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		6/19		.875	.875
446 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		6/19		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	192.33	.00	M$N	09/90	AD		192.332	9/90	.	192.3	192.3

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS NO				
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 9/90   P.W. DATE : 9/90   REPORT DATE : 9/90

QUALIFIERS - PROD :   OWNER :   OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 295

DATE : 08/18/92
TIME : 09:40:28
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 643

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	26.765	.000	23.420	.00	1.140	25.647	4.025	192.332	-170.711	-170.711	-171.416
8-92	.000	16.482	.000	14.422	.00	1.140	15.793	3.487	.000	12.306	-158.405	-160.476
8-93	.000	13.519	.000	11.830	.00	1.140	12.954	3.332	.000	9.622	-148.783	-152.585
8-94	.000	11.873	.000	10.389	.00	1.140	11.376	3.246	.000	8.130	-140.653	-146.432
8-95	.000	10.774	.000	9.427	.00	1.140	10.324	3.189	.000	7.135	-133.518	-141.448
8-96	.000	9.970	.000	8.724	.00	1.140	9.553	3.147	.000	6.406	-127.111	-137.318
8-97	.000	9.345	.000	8.177	.00	1.140	8.955	3.114	.000	5.841	-121.270	-133.842
8-98	.000	8.876	.000	7.766	.00	1.140	8.505	3.089	.000	5.416	-115.855	-130.867
8-99	.000	8.479	.000	7.419	.00	1.140	8.125	3.069	.000	5.056	-110.799	-128.303
8-00	.000	8.056	.000	7.049	.00	1.140	7.719	3.046	.000	4.672	-106.127	-126.115
8-01	.000	7.653	.000	6.697	.00	1.140	7.333	3.025	.000	4.308	-101.819	-124.253
8-02	.000	7.271	.000	6.362	.00	1.140	6.967	3.005	.000	3.962	-97.857	-122.672
8-03	.000	6.908	.000	6.044	.00	1.140	6.619	2.986	.000	3.633	-94.224	-121.334
8-04	.000	6.563	.000	5.742	.00	1.140	6.288	2.968	.000	3.320	-90.904	-120.205
8-05	.000	6.235	.000	5.456	.00	1.140	5.974	2.951	.000	3.023	-87.881	-119.256
S TOT	.000	158.769	.000	138.923	.00	1.140	152.132	47.681	192.332	-87.881	-87.881	-119.256
AFTER	.000	60.216	.000	52.689	.00	1.140	57.699	39.463	.000	18.236	-69.645	-115.292
TOTAL	.000	218.985	.000	191.612	.00	1.140	209.831	87.144	192.332	-69.645	-69.645	-115.292

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	218.985
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	218.985
NET RES., MB & MMF	.000	191.612
NET REVENUE, M$	.000	218.438
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	28.83
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	28.83
DISCOUNTED PAYOUT, YRS.	28.83
UNDISCOUNTED NET/INVEST.	.64
DISCOUNTED NET/INVEST.	.40
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-102.220
10.00	-120.359
15.00	-131.620
20.00	-139.222
25.00	-144.690
30.00	-148.820
40.00	-154.671
60.00	-161.556
80.00	-165.560
100.00	-168.224

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 300

DATE : 08/18/92
TIME : 09:58:49
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 639

INPUT DATA / CALCULATED DATA

ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	09/90											
406 GAS	9110.00	250.00	M/M	X	YRS	EXP	49.55	155.640	12/95	49.55	9110.	237.
411 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		12/95		1.140	1.140
416 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		12/95		250.000	250.000
421 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		12/95		.875	.875
431 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		12/95		.875	.875
441 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		12/95		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		8/90		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		8/90		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		8/90		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES			TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	203.05	.00	M$N	09/90	AD		203.048	9/90	.	203.0	203.0

RESERVE PARAMETERS		ITEM		ITEM	
201 LOSS	NO				
203 CUMO, MB	.00	CUMG, MMF	.00	CUML, MB	

PROJECT ASSUMPTIONS

BASE DATE : 9/90 P.W. DATE : 9/90 REPORT DATE : 9/90
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 300

DATE : 08/18/92
TIME : 09:58:49
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 639

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 9/90

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO INTEREST ----M$----	NET OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
8-91	.000	79.174	.000	69.278	.00	1.140	75.865	6.767	203.048	-133.950	-133.950	-136.331
8-92	.000	39.947	.000	34.954	.00	1.140	38.277	4.715	.000	33.562	-100.388	-106.411
8-93	.000	20.155	.000	17.636	.00	1.140	19.312	3.679	.000	15.633	-84.755	-93.540
8-94	.000	10.169	.000	8.898	.00	1.140	9.744	3.157	.000	6.587	-78.168	-88.528
8-95	.000	5.131	.000	4.489	.00	1.140	4.916	2.893	.000	2.023	-76.145	-87.102
8-96	.000	1.065	.000	.932	.00	1.140	1.021	.931	.000	.090	-76.055	-87.042
8-97												
8-98												
8-99												
8-00												
8-01												
8-02												
8-03												
8-04												
8-05												
S TOT	.000	155.642	.000	136.186	.00	1.140	149.135	22.143	203.048	-76.055	-76.055	-87.042
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-76.055	-87.042
TOTAL	.000	155.642	.000	136.186	.00	1.140	149.135	22.143	203.048	-76.055	-76.055	-87.042

	OIL	GAS
GROSS WELLS	.0	1.0
GROSS ULT., MB & MMF	.000	155.642
GROSS CUM., MB & MMF	.000	.000
GROSS RES., MB & MMF	.000	155.642
NET RES., MB & MMF	.000	136.186
NET REVENUE, M$	.000	155.252
INITIAL PRICE, $	.000	1.140
INITIAL N.I., PCT.	00.000	87.500

LIFE, YRS.	5.33
DISCOUNT %	8.33
UNDISCOUNTED PAYOUT, YRS.	5.33
DISCOUNTED PAYOUT, YRS.	5.33
UNDISCOUNTED NET/INVEST.	.63
DISCOUNTED NET/INVEST.	.57
RATE-OF-RETURN, PCT.	00.00
INITIAL W.I., PCT.	87.500

P.W. %	P.W., M$
5.00	-82.965
10.00	-88.959
15.00	-94.206
20.00	-98.836
25.00	-102.953
30.00	-106.637
40.00	-112.954
60.00	-122.573
80.00	-129.572
100.00	-134.912

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 301

DATE : 08/18/92
TIME : 11:17:31
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 667

	INPUT DATA							CALCULATED DATA				
ITEM	SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
401 START	05/91											
406 GAS	2277.00	250.00	M/M	X	YRS	EXP	39.81	56.462	9/95	39.81	2277.	242.
411 PRI/GAS	1.14	1.14	$/M	TO	LIFE	FLAT	.00		9/95		1.140	1.140
416 OPC/T	250.00	250.00	$/M	TO	LIFE	FLAT	.00		9/95		250.000	250.000
421 NET/WI	87.50	87.50	%	TO	LIFE	FLAT	.00		9/95		.875	.875
431 NET/NIC	87.50	87.50	%	TO	LIFE	FLAT	.00		9/95		.875	.875
441 NET/NIG	87.50	87.50	%	TO	LIFE	FLAT	.00		9/95		.875	.875
501 STX/OIL	3.75	3.75	%	TO	LIFE	PC	0		4/91		.037	.037
502 STX/GAS	3.94	3.94	%	TO	LIFE	PC	.00		4/91		.039	.039
503 ATX	5.46	5.46	%	TO	LIFE	PC	.00		4/91		.055	.055

INVESTMENT	TANGIBLES & INTANGIBLES		TIME		PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
801 COMPL	211.91	.00 M$N	05/91	AD		211.909	5/91	.	211.9	211.9

RESERVE PARAMETERS		ITEM		ITEM
201 LOSS NO				
203 CUMO, MB	.00	CUMG, MMF	8.36	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 5/91 P.W. DATE : 5/91 REPORT DATE : 5/91
QUALIFIERS - PROD : OWNER : OTHER :

RINCON UNIT
PAYING WELL DETERMINATION
PARTICIPATING AREA APPLICATION
FRUITLAND COAL
WELL # 301

DATE : 08/18/92
TIME : 11:17:31
DBS FILE : RESMGMT
SETUP FILE : FEDERAL
SEQ NUMBER : 667

R E S E R V E S   A N D   E C O N O M I C S

AS OF DATE: 5/91

-END- MO-YR	GROSS OIL PRODUCTION ----MB----	GROSS GAS PRODUCTION ----MMF---	OIL TO NET INTEREST ----MB----	GAS TO NET INTEREST ----MMF---	--GROSS PRICES- OIL --$/B--	GAS --$/M--	REVENUE TO NET INTEREST ----M$----	OPER EXPENSES ---M$---	NET TOTAL INVESTMENT ----M$----	NET INCOME BEFORE FIT ----M$----	CUMULATIVE NET INCOME ----M$----	CUM DISC NET INCOME ----M$----
4-92	.000	21.427	.000	18.748	.00	1.140	20.531	3.746	211.909	-195.124	-195.124	-195.715
4-93	.000	12.897	.000	11.285	.00	1.140	12.358	3.300	.000	9.058	-186.066	-187.644
4-94	.000	7.762	.000	6.792	.00	1.140	7.438	3.031	.000	4.407	-181.659	-184.016
4-95	.000	4.672	.000	4.088	.00	1.140	4.477	2.869	.000	1.607	-180.052	-182.790
4-96	.000	1.347	.000	1.178	.00	1.140	1.290	1.164	.000	.126	-179.925	-182.699
4-97												
4-98												
4-99												
4-00												
4-01												
4-02												
4-03												
4-04												
4-05												
4-06												
S TOT	.000	48.105	.000	42.092	.00	1.140	46.094	14.110	211.909	-179.925	-179.925	-182.699
AFTER	.000	.000	.000	.000	.00	.000	.000	.000	.000	.000	-179.925	-182.699
TOTAL	.000	48.105	.000	42.092	.00	1.140	46.094	14.110	211.909	-179.925	-179.925	-182.699

	OIL	GAS			P.W. %	P.W., M$
GROSS WELLS	.0	1.0	LIFE, YRS.	4.42	5.00	-181.667
GROSS ULT., MB & MMF	.000	56.463	DISCOUNT %	8.33	10.00	-183.185
GROSS CUM., MB & MMF	.000	.000	UNDISCOUNTED PAYOUT, YRS.	4.42	15.00	-184.521
GROSS RES., MB & MMF	.000	48.105	DISCOUNTED PAYOUT, YRS.	4.42	20.00	-185.703
NET RES., MB & MMF	.000	42.092	UNDISCOUNTED NET/INVEST.	.15	25.00	-186.758
NET REVENUE, M$	.000	47.985	DISCOUNTED NET/INVEST.	.14	30.00	-187.704
INITIAL PRICE, $	.000	1.140	RATE-OF-RETURN, PCT.	00.00	40.00	-189.331
INITIAL N.I., PCT.	00.000	87.500	INITIAL W.I., PCT.	87.500	60.00	-191.818
					80.00	-193.631
					100.00	-195.015

Unocal North American
Oil & Gas Division
Unocal Corporation
3300 North Butler Avenue
Suite 200
Farmington, New Mexico 87401
Telephone (505) 326-7600
Fax: (505) 326-6145

UNOCAL 76

September 24, 1992

Farmington District

RECEIVED
SEP 2 . 1992
OIL CONSERVATION DIVISION

Bureau of Land Management
Minerals Division
1235 La Plata Hwy
Farmington, New Mexico 87401
Attn: Duane Spencer
Chief of Reservoir Management

Re: Application for the Expansion to Initial Basin Fruitland Coal Gas Participating Area "E"
Rincon Unit, Rio Arriba County, New Mexico

Gentlemen:

Enclosed please find two copies of the Application for Approval for the expansion to initial Basin Fruitland Coal Gas Participating Area "E" in the Rincon Unit, Rio Arriba County, New Mexico. Enclosed also are geologic and engineering data in support of this application.

Union Oil Company of California, as operator of the Rincon Unit, respectfully requests your approval of this application.

Very Truly Yours,
Union Oil Company of California
DBA UNOCAL

William L. Irwin
District Petroleum Engineer

xc: Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Oil Conservation Division
New Mexico Department of Energy & Minerals
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

APPLICATION TO EXPAND THE BASIN FRUITLAND COAL GAS PARTICIPATING AREA E - RINCON UNIT - RIO ARRIBA COUNTY, NEW MEXICO

Duane Spencer
Chief of Reservoir Management
Bureau of Land Management - Minerals Division
1235 La Plata Highway
Farmington, New Mexico 87401

Union Oil Company of California, as unit operator of the Rincon Unit, respectfully submits for your approval the following described lands to constitute expansion to the participating area E for the Basin Fruitland Coal Gas producing formation, to wit:

TOWNSHIP 26 NORTH, RANGE 7 WEST, N.M.P.M.

Section 12: S/2

Containing 320 acres, more or less

In support of this application, and in addition to the geologic and engineering reports, the following are attached:

1) Structure Top - Basin Fruitland Coal Gas Formation
2) Basin Fruitland Coal Gas Formation Gross Isopach
3) Type Log
4) Land Map - Rincon Unit
5) Rincon Unit #269 Fruitland Coal Gas Production Decline Curve
6) Rincon Unit #269 Fruitland Coal Gas Economics
7) Schedule of Lands and Working Interest Ownership in the expansion to the Basin Fruitland Coal Gas Participating Area E (Participation Allocation Formula)
8) Applicant's Statement and Affidavit

This application is predicated on nine months of actual production history from the Rincon Unit #269 well which first delivered on October 18, 1990.

Applicant respectfully requests your approval of the hereinabove selection of lands to constitute the expansion to the Basin Fruitland Coal Gas Formation participating area E, to be effective the date of completion September 1, 1990.

Dated this 24th day of September, 1992.

WLI

William L. Irwin
District Petroleum Engineer
Union Oil Company of California

Well Summary
Well Name: Rincon Unit #269
Location: 1800'FSL, 1200'FWL, Sec 12, T26N, R7W
Elevation: 6498' GL
Total Depth: 2781'
Lease Number: SF-079160
Pool/Formation: Basin Fruitland Coal Gas
Spud Date: 7-4-90
Completion Date: 9-1-90
1st Delivery Date: 10-18-90
Perf'd Interval: 2630-2634, 2680-2687, 2717-2732.

Geologic Summary
The Fruitland Formation was deposited in a coastal plain environment landward of the Pictured Cliffs strandline. It consists of shales, siltstones, sandstones and coal. The coals were deposited in low-lying areas such as lagoons, swamps and bayous behind the barrier islands, bars, and beaches of the Pictured Cliffs sandstone. The coal is best developed in the basal Fruitland, and extends aerially over the entire basin with the exception of a small region on the eastern margin. Net coal varies from 20 to 80 feet thick with the thickest sections being in the north-central part of the basin. The Rincon Unit coals range in thickness from 30 to 70 feet and in some areas of the unit are split into an upper and a basal coal zone. The coal itself is considered High Volatile C Bituminous in rank. Regional dip is 1 to 2 degrees to the northeast, and structure does not appear to be a factor in natural gas entrapment anywhere in the area of the unit.

Engineering Summary
The Rincon Unit #269 was drilled and completed by Union Oil Company of California as a Basin Fruitland Coal Gas producer in 1990. Surface pipe measuring 8-5/8" was set at 360 feet and cemented with 300 sacks to surface. Production casing measuring 4-1/2" was then set at 2781 feet and cemented in two stages to surface with 750 sacks cement. After drilling out to PBTD of 2780' the upper and lower coal zones were perforated from 2630'-2732' with 4 shots per foot and fracture stimulated with 180,000# 20/40 sand, 773,950 SCF N2 and 19,725 gallons cross-linked gel water. The recorded initial potential and 24 hour shut-in pressure were 290 MCFD and 240 psi, respectively. The well was first delivered to the El Paso Natural Gas pipeline system on October 18, 1990. The current deliverability for the well against a 150# line pressure is 110 MCFD.

Volumetrics calculated on the below-listed parameters yields a recoverable gas volume of 0.32 Bcf.

Net Pay: 41 ft
Drainage area: 160 acres
Gas Content: 144 SCF/ton
Tonnage Factor: 1969 tons/acre-feet (from density log)
Recovery Factor: 17%

Economics

Economics based on the above are attached. Given the investment cost to complete this well discounted payout should occur in 13.63 years with an 11.53% rate of return. Compared with net total revenue this Basin Fruitland Coal Gas well produces in economic quantities above operating costs.

STATE OF NEW MEXICO

COUNTY OF SAN JUAN

APPLICANT'S STATEMENT AND AFFIDAVIT

BEFORE ME, the undersigned authority on this day personally appeared William L. Irwin, District Petroleum Engineer, known to me to be the person whose name is subscribed to this instrument, who, having been by me first duly sworn, upon oath states as follows:

1) That this Statement and Affidavit is made concerning this application for expansion to the Basin Fruitland Coal Gas participating area E in the Rincon Unit, S/2 Section 12, T26N-R7W, comprising 320 acres.

2) That to the best of his information, knowledge and belief, the information supplied is true.

3) That notice of this application has been mailed or delivered to the Rincon Unit working interest owners in accordance with the unit agreement and the unit operating agreement.

4)That he certifies that the information and data contained in the application are true and correct and that all copies of records or summaries of such records relied upon in the application are true, correct and authentic copies of documents on file in the offices of Union Oil Company of California.

5) That he is of lawful age, that he is a responsible official of Union, that he is duly authorized to make this Statement and Affidavit on behalf of Union, that he has knowledge of the facts contained herein, that this Statement and Affidavit is true and correct, and that he adopts the allegations herein as his sworn statement.

____

SUBSCRIBED AND SWORN TO before me, this undersigned authority, on this day of Sept 24th 1992.

Melissa Osborne

Notary Public in and for
San Juan County, New Mexico

My Commission Expires:
1/11/96

SCHEDULE OF LANDS AND
WORKING INTEREST OWNERSHIP IN FIRST EXPANSION
TO INITIAL BASIN FRUITLAND COAL
PARTICIPATING AREA "E"

RINCON UNIT

Tract No. 1 (Unit Tract No. 2)
(Acreage in Unit Tract: 1920.80 acs.)

Lessor: U.S.A.
Serial No.: SF-079160

Acreage Description: Township 26 North, Range 7 West
Section 12: ALL

Working Interest Owner(s):

Union Oil Company of California	5.4239%
San Juan-Unocal General Partnership	77.9094%
Meridian Oil, Inc. as Agent	16.6667%

Acreage Included in Initial Basin
Fruitland Coal Participating Area "E": 640.00 Acres

Percentage of Fruitland Coal Formation
production allocated to this Tract: 100%

SUMMARY OF LAND INCLUDED IN
FIRST EXPANSION TO INITIAL FRUITLAND COAL
PARTICIPATING AREA "E"

LEASE	UNIT TRACT NO.	ACREAGE	PERCENTAGE
SF-079160	2	320	100.00%

SUMMARY OF WORKING INTEREST OWNERSHIP
IN FIRST EXPANSION TO
INITIAL BASIN FRUITLAND COAL PARTICIPATING AREA "E"

WORKING INTEREST OWNER	WORKING INTEREST PERCENTAGE
Union Oil Company of California	5.00000%
San Juan-Unocal General Partnership	71.82091%
Wiser Oil Company	2.54378%
H. R. Stasney & Sons Company	1.30259%
Meridian Oil Inc., as Agent	10.59527%
Meridian Oil Inc., Individually	1.55217%
Jones Company, Ltd.	1.30259%
Conoco, Inc.	2.29005%
Amoco Production Company	2.29004%
Beryl B. McMahan	0.65130%
Beryl B. McMahan, Trustee of the Thomas V. McMahan Trust	0.32565%
Beryl B. McMahan, Trustee of the Gwin M. Lewis Trust	0.32565%
TOTAL	100.00000%