



OIL CONSERVATION DIVISION  
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*DHC 4-22-96*  
1232  
**Southern**

**Rockies**

**Business**

**Unit**

March 20, 1996

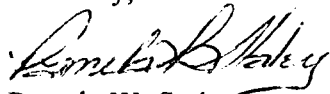
Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P. O. Box 6429  
Santa Fe, NM 87505

**Application for Exception to Rule 303-C**  
**Downhole Commingling**  
**Florance #124 E Well**  
**1030' FSL & 1190' FWL, Unit M Section 27-T29N-R9W**  
**Otero Chacra (Pool IDN 82329) and Basin Dakota (Pool IDN 71599) Pools**  
**San Juan County, New Mexico**

Enclosed please find an administrative application form (NMOCD form C-107-A) and attachments to support downhole commingling in the captioned well.

Should you have questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,

  
Pamela W. Staley

Enclosures

cc: Stan Kolodzie  
Gail Jefferson

Frank Chavez, Supervisor  
NMOCD District III  
1000 Rio Brazos Road  
Aztec, NM 87410

Duane Spencer  
Bureau of Land Management  
1235 La Plata Hwy  
Farmington, NM 87401

DISTRICT I  
P.O. Box 1980, Hobbs NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-A  
New 3-12-96

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

DISTRICT II  
811 South First St., Artesia, NM 88210-2835

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429

☒ Administrative ☐ Hearing

DISTRICT III  
1000 Rio Brazos Rd. Aztec, NM 87410-1093

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE  
☒ YES ☐ NO

Amoco Production Company

P.O. Box 800 Denver, CO 80201

Operator  
Florance

124 E

Address  
M-27-29N-9W

San Juan

Lease

Well No.

Unit Ltr. - Sec Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code 000518 API NO. 3004524688 Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	OTERO CHACRA 82329		BASIN DAKOTA 71599
2. Top and Bottom of Pay Section (Perforations)	3102' - 3234'		6490' - 6664'
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	a. (Current) 398 PSI b. (Original) 1168 PSI	a. b.	a. 489 PSI b. 2681 PSI
6. Oil Gravity (* API) or Gas BTU Content	1293 BTU / 51 DEG API		1172 BTU / 58 DEG API
7. Producing or Shut-In?	PRODUCING		PRODUCING
Production Marginal? (yes or no)	YES		YES
• If Shut-In, give data and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates:	Date: Rates:	Date: Rates:
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 2/96 Rates: 46 MCFD 0.10 BCPD <1 BWPD	Date: Rates:	Date: 1/96 Rates: 59 MCFD 1 BCPD <1 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 9 % Gas 44 %	Oil: % Gas %	Oil: 91 % Gas 56 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No  
If not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ No  
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No

11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No

13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)

14. If this well is on, or communized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No SF-080246

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) \_\_\_\_\_

16. ATTACHMENTS:

- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- \* Production curve for each zone for at least one year. (If not available, attach explanation.)
- \* For zones with no production history, estimated production rates and supporting data.
- \* Data to support allocation method or formula.
- \* Notification list of all offset operators.
- \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
- \* Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Pamela W. Staley TITLE REGULATORY AFFAIRS REP DATE 3/20/96

TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. ( 303 ) 830-5344

Form C-107  
Revised 10-1-71

**SANTA FE, NEW MEXICO 87501**

**All distances must be from the outer boundary of the Section.**

For all wells within the spacing unit

27

CHACRA (dedication) Sec.

PC

1190'

1030'

Florange #124M  
DK/CH spud date:  
3/1/81

Scale: 1" = 100'

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. /

best of my knowledge and belief.

Name \_\_\_\_\_

R. A. Mishler

Position

Sr. Production Analyst

Company

Tenneco Oil Company:

Date \_\_\_\_\_

October 20, 1950

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 7-20-69.

October 9, 1980

Registered Professional Engineer  
and Land Surveyor L.S.

Frank B. Keith Jr.

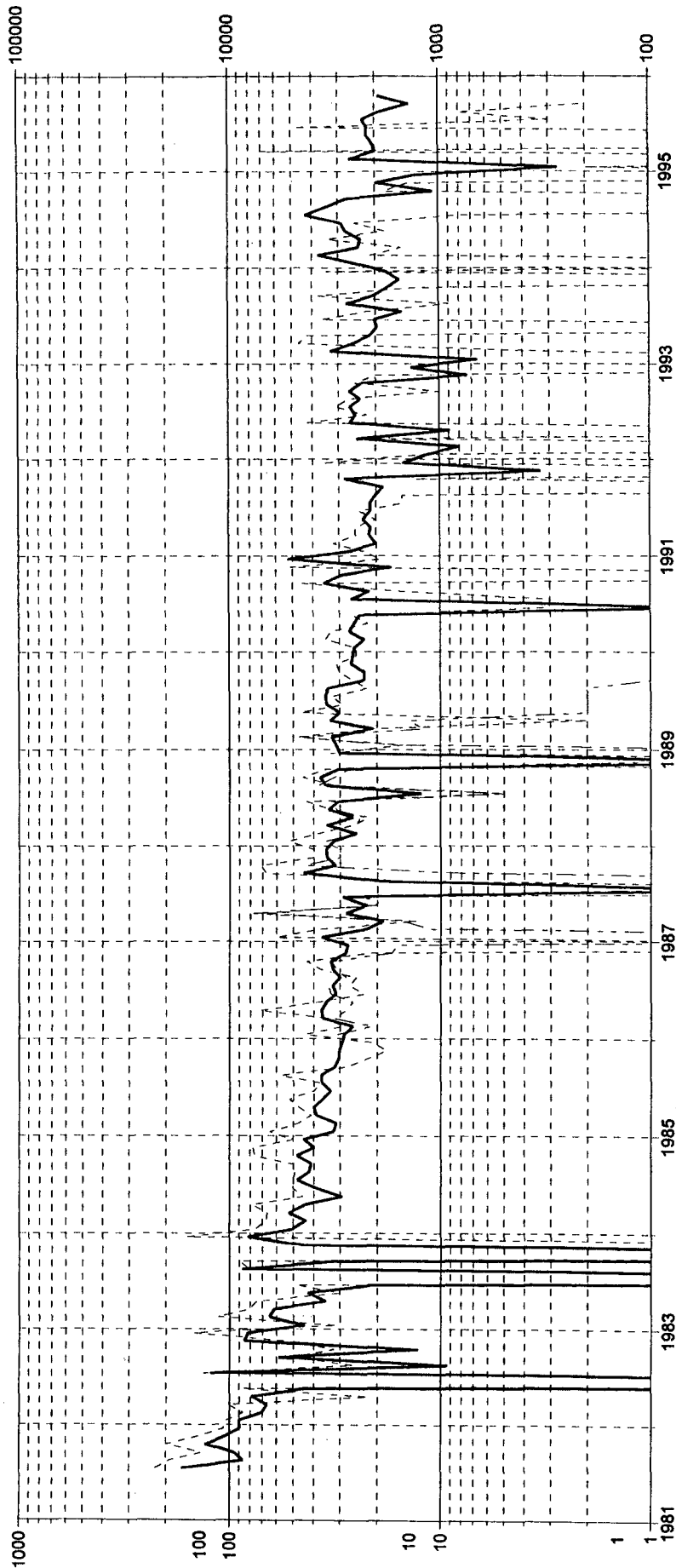
Certificat No 1121

3950

# Dwights

1000 Lease: FLORANCE 00124E

Retrieval Code: 251,045,29N09W27M00D



County: SAN JUAN

Field: BASIN (DAKOTA) DK

Reservoir: DAKOTA

Operator: AMOCO PRODUCTION CO

State: NM

Oil Cum: 6534 bbl

Gas Cum: 571959 mcf

Location: 27M 29N 9W

F.P. Date: 07/81

Water (bbl/mo)

Oil (bbl/mo)

Date: 03/22/96

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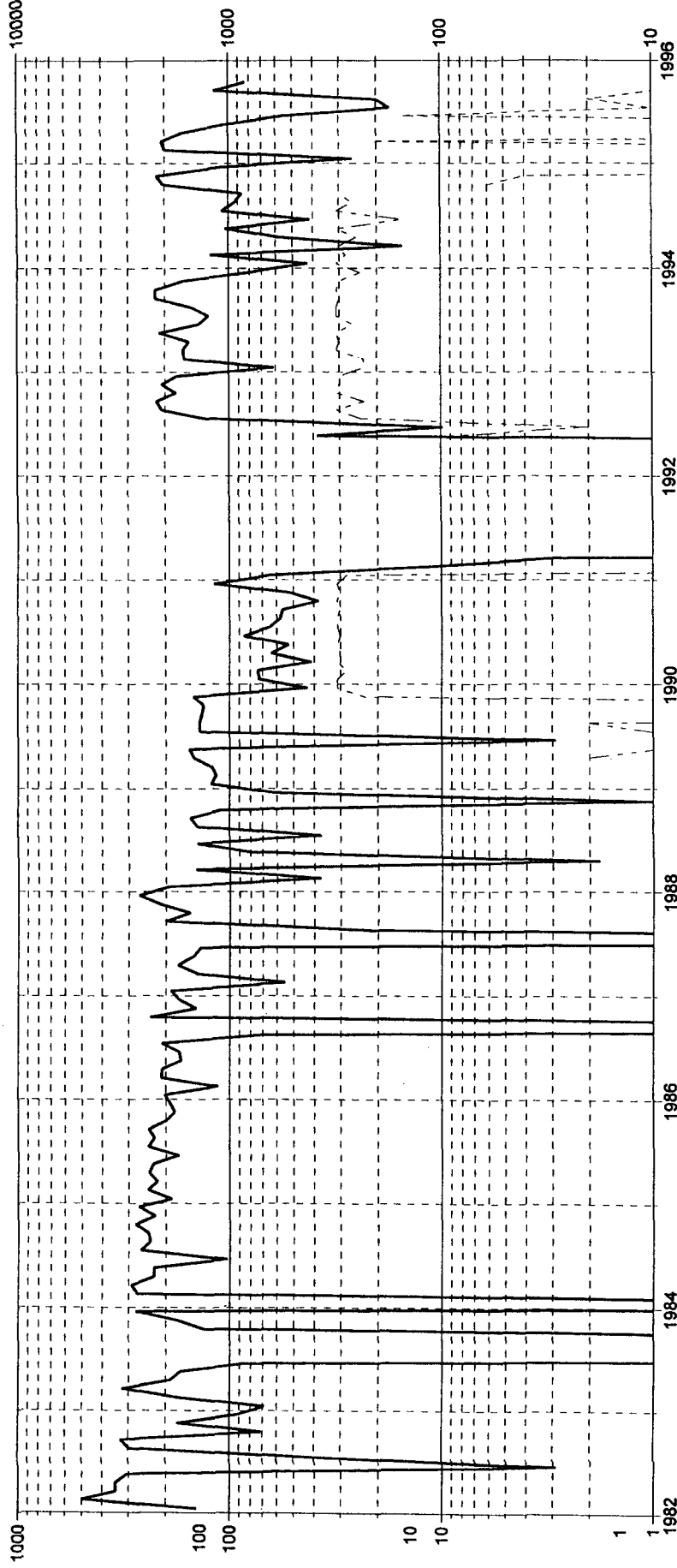
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Gas (mcf/mo)

# Dwights

1000 Lease: FLORANCE 00124E

Retrieval Code: 251,045,29N09W27N00C



County: SAN JUAN

State: NM

F.P. Date: 01/82

Date: 03/22/96

Field: OTERO (CHACRA) CK

Oil Cum: 50 bbl

Reservoir: CHACRA

Gas Cum: 215862 mcf

Water (bbl/mo)

Operator: AMOCO PRODUCTION CO

Location: 27M 29N 9W

Oil (bbl/mo)

Gas (mcf/mo)

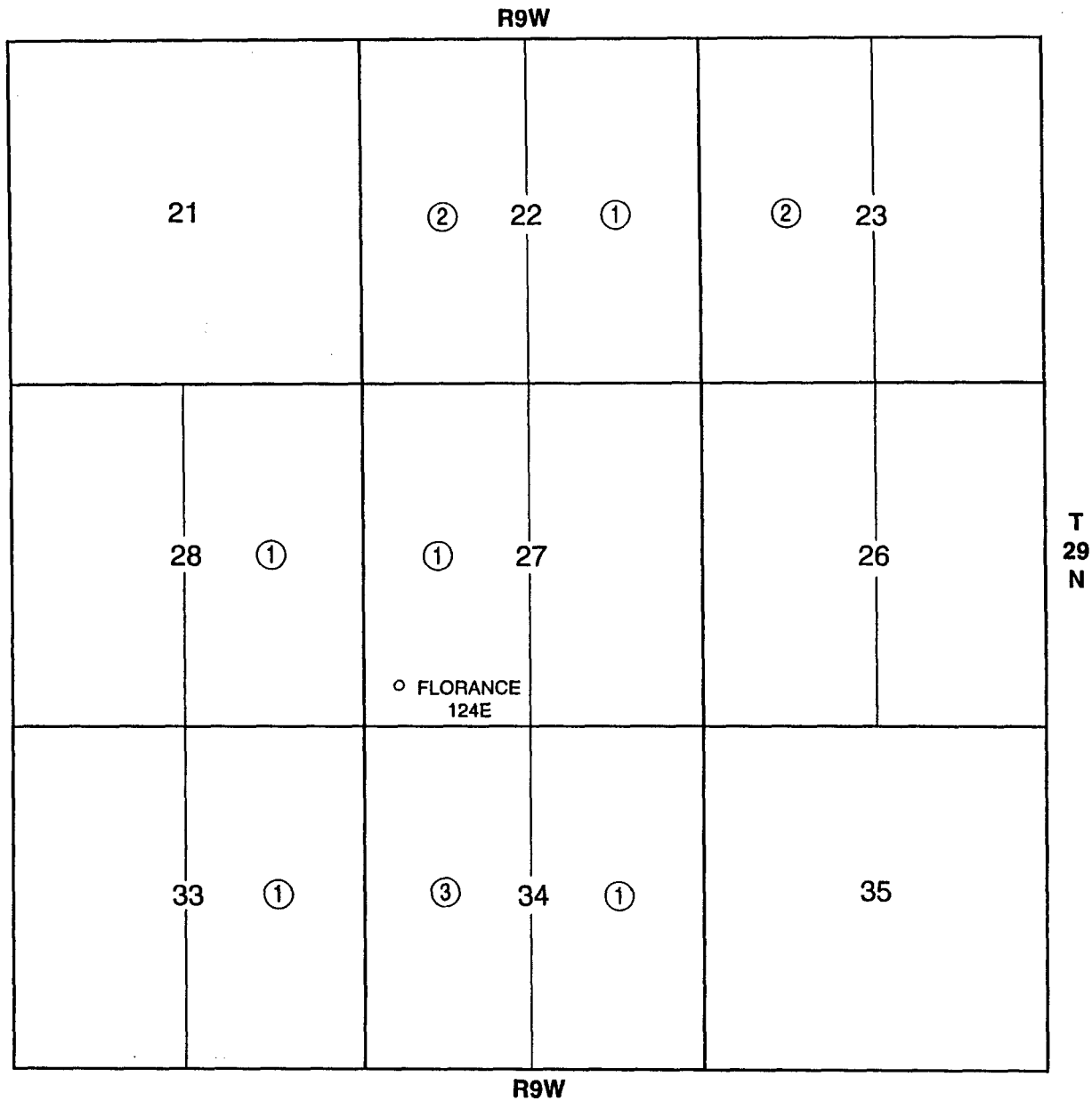
**Amoco Production Company**

Offset Operator Plat

Florance 124E

T29N-R9W Sec. 27

Dakota Formation



- ① Amoco Production Company
- ② Southland Royalty Company
- ③ Meridian Oil Production Inc.

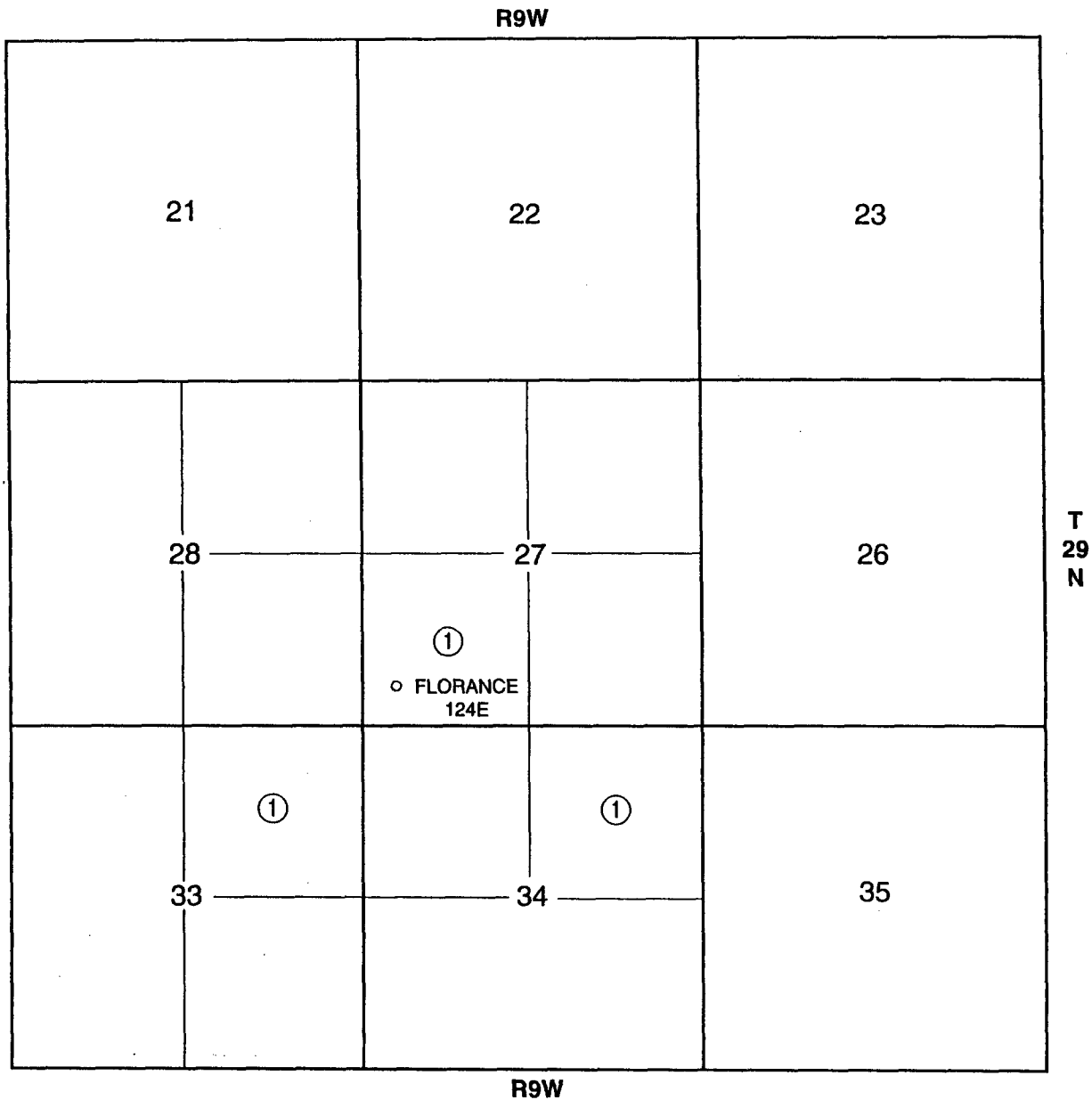
**Amoco Production Company**

Offset Operator Plat

Florance 124E

T29N-R9W Sec. 27

Otero Chacra Formation



① Amoco Production Company

LIST OF ADDRESSES FOR OFFSET OPERATORS

Florance #124E

1 Meridian Oil, Inc.  
P.O. Box 4289  
Farmington, NM 87499