

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

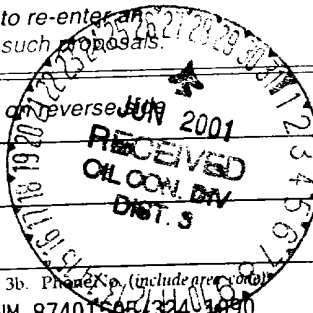
Cross Timbers Operating Company

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401-5667

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

790' FSL & 1,715' FWL Sec. 08, T27N, R08W



3b. Phone No. (include area code)
505/344-1890

FORM APPROVED
Budget Bureau No. 1004 0135
Expires November 30, 2000

5. Lease Serial No.

NMSF-079319

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Schwerdtfeger A #6

9. API Well No.

30-045-11819

10. Field and Pool, or Exploratory Area
Basin Dakota

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Surface</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Commingle</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Cross Timbers Operating Company proposes to surface commingle this wells per the attached documents.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Darrin Steed

Title

Operations Engineer

Date 11/15/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Matthew Warr

Title

Petroleum Engineer

Date

6-26-2001

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFO

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC



Cross Timbers Operating Company

October 24, 2000

Ms. Lori Wrotenbery
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Administrative Approval to Surface Commingle
Schwerdtfeger A #6 & A LS #14
Sec 8, T-27-N R-8-W
San Juan County, New Mexico

Dear Ms. Wrotenbery,

Cross Timbers Operating Company (CTOC) requests administrative approval to surface commingle the Schwerdtfeger A #6 and the Schwerdtfeger A LS #14. CTOC plans to produce the commingled gas through a single compressor. Each well's oil and water production will be kept separate and not commingled.

Installation of a single compressor will help both wells overcome sales line pressure and thereby maximize each well's productivity. Both wells responded very well to individual wellhead compression tests. The lower operating costs resulting from a shared compressor will extend the economic life of both wells thus increasing their ultimate recoveries.

The following are enclosed for your review of the proposed surface commingling.

1. Well information table.
2. Gas production allocation formula sheet.
3. Battery schematic of proposed installation.
4. Well location plat.

If you need additional information or have any questions, please give me a call at (505) 324-1090.

Sincerely,
CROSS TIMBERS OPERATING COMPANY

Darrin L. Steed
Operations Engineer

Enclosures

Cc: Gary Markestad
Well File
DLS File

C:\Work\Surface Commingles\Schwerdtfeger A #6 & A LS #14.doc

Schwerdtfeger A #6 & Schwerdtfeger A LS #14

Well Information

	Schwerdtfeger A #6	Schwerdtfeger A LS #14
Location	Sec 8N, T27N R8W	Sec 8N, T27N R8W
Formation	Dakota	Pictured Cliffs/Mesaverde
API #	30-045-11819	30-045-06601
Pool Name	Basin	South Blanco/Blanco
Pool Code	71599	72439/72319
Gas Gravity	.732	.741
Gas Rate (MCFD)	66	80
Oil Gravity	59.9	60.5
Oil Rate (BPD)	0.3	0.3
Water Rate (BPD)	0.5	0.5

Gas Allocation Formula

The El Paso Field Services (EPFS) meter and meter runs will remain in place. The gas volume for the Schwerdtfeger A LS #14 (Meter #72139) will be determined using the following formula:

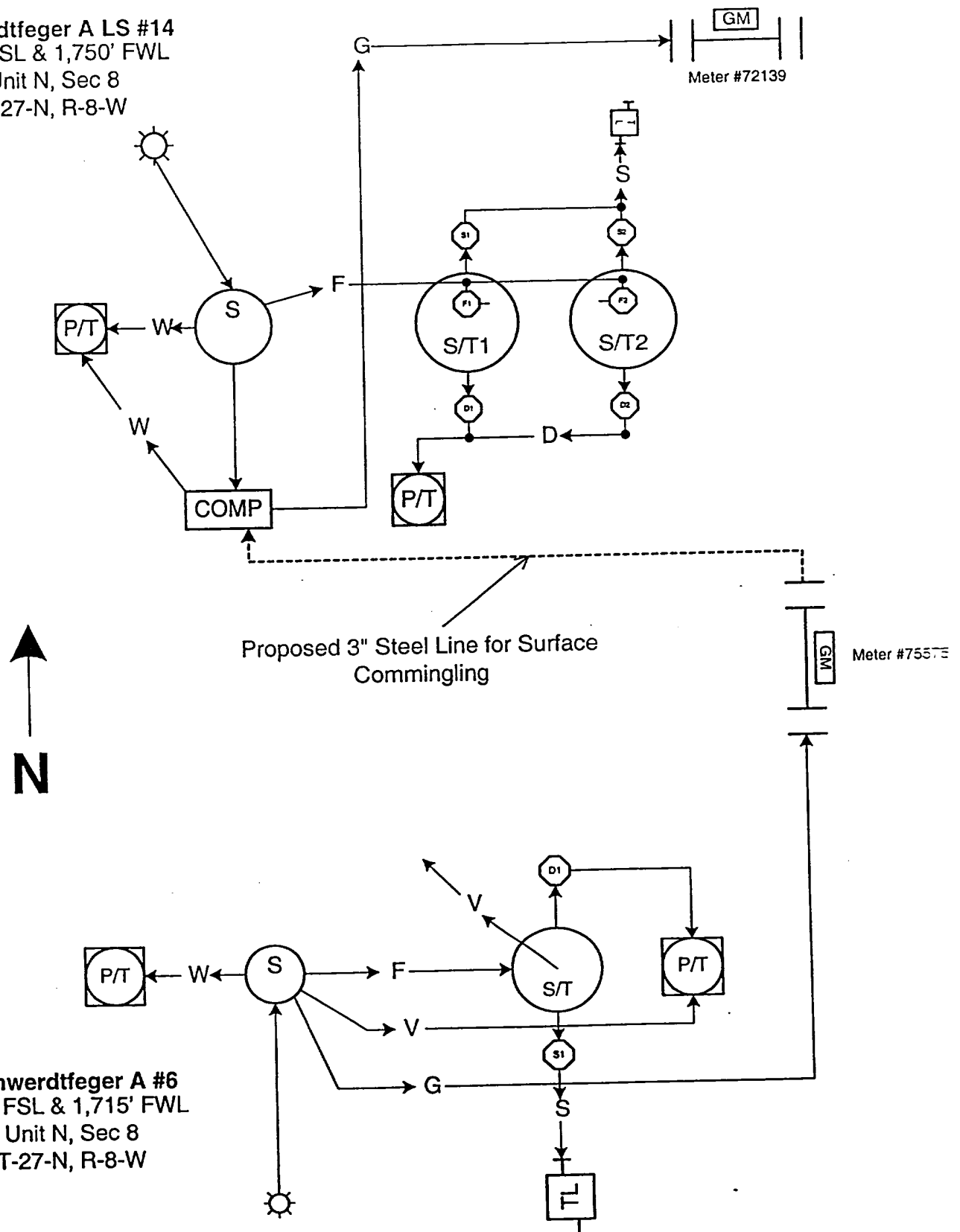
$$\text{Schwerdtfeger A LS \#14 Production} = \text{Schwerdtfeger A LS \#14 (Meter \#72139)} - \text{Schwerdtfeger A \#6 (Meter \#75575) + Allocated compressor fuel gas}$$

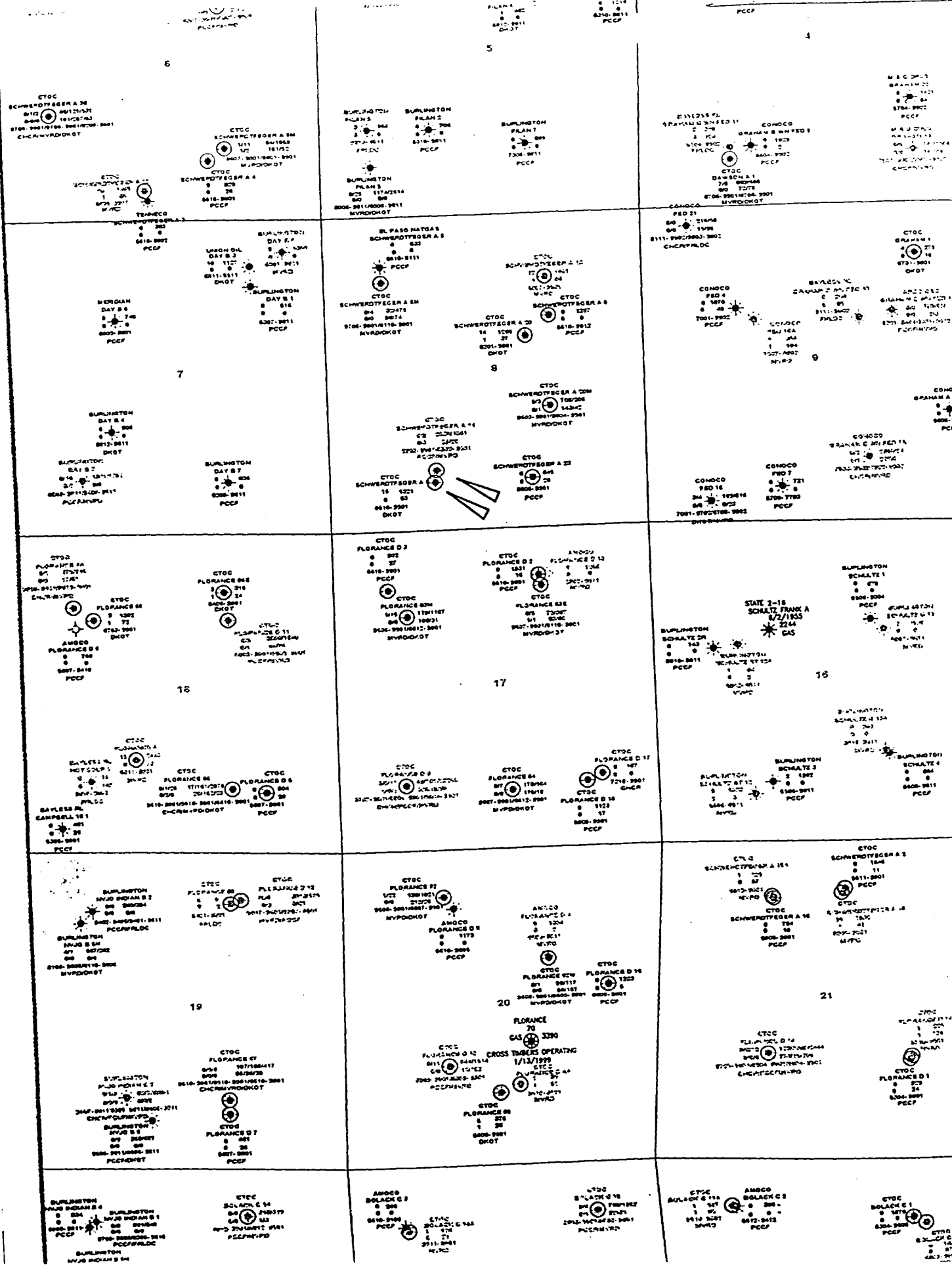
The compressor's fuel gas will be allocated equally between both wells. The fuel gas usage is estimated to be 9 MCFD for the compressor.

No commingling of oil or water will occur. Production and sales will be based on actual measured volumes from each well.

Cross Timbers Operating Company
Site Diagram for the Schwerdtfeger A #6 & Schwerdtfeger A LS #14
Proposed Surface Commingling

Schwerdtfeger A LS #14
 990' FSL & 1,750' FWL
 Unit N, Sec 8
 T-27-N, R-8-W







NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

COMMINGLING ORDER PC-1021

Cross Timbers Operating Company
2700 Farmington Avenue, Building K, Suite 1
Farmington, New Mexico 87401

REC'D / SAN JUAN

NOV 01 2000

Attention: Mr. Darrin Steed

LEASE: Schwerdtferger A Well No. 6 (API No. 30-045-11819) and
Schwerdtferger A LS Well No. 14 (API No. 30-045-06601)
DESCRIPTION: SE/4 SW/4 of Section 8, Township 27 North, Range 8 West, NMPM, San
Juan County, New Mexico.

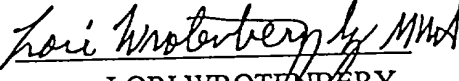
The above-named company is hereby authorized to commingle Basin-Dakota (Prorated Gas – 71599), South Blanco-Pictured Cliffs (Prorated Gas – 72439) and Blanco-Mesaverde (Prorated Gas – 72319) Pool production from the above mentioned lease and to determine production from each pool by separately metering the production from the Basin-Dakota (Schwerdtferger A Well No. 6) and determining the South Blanco-Pictured Cliffs and Blanco-Mesaverde Prorated Gas Pool Prorated Gas Pool production (Schwerdtferger A LS Well No. 14) by the subtraction method. Oil production will not be commingled. Fuel gas usage will be allocated equally between the two wells.

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS: The commingled natural gas production shall be delivered to the El Paso Field Services CDP (#72139) located in Section 8, Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico.

FURTHER: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

DONE at Santa Fe, New Mexico, on this 27th day of October, 2000.


LORI WROTENBERY,
Division Director

LW/MWA/kv

cc: Oil Conservation Division- Aztec