

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I

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

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-045-24594

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

NMSF 079319

7. Lease Name or Unit Agreement Name

Schwerdtfeger A

8. Well No.

#6M

9. Pool name or Wildcat

Blanco MV/Basin DK

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

2. Name of Operator

Cross Timbers Operating Company

3. Address of Operator

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

4. Well Location

Unit Letter D : 1,120' Feet From The North Line and 940' Feet From The West Line

Section 8

Township 27

Range 8

NMPM

San Juan

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

GL 6,134'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: Downhole Commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

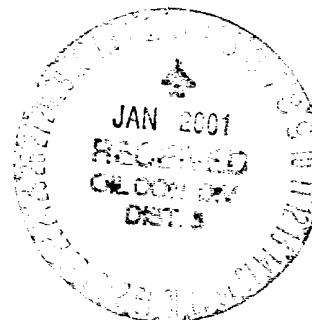
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Cross Timbers requests approval to downhole commingle the above mentioned well in the following manner:

1. MIRU PU.
2. POH w/dual completion equipment.
3. Clean out to PBTD @ 6,851' if needed.
4. RIH w/production string & land tubing @ 6,750'.
5. Swab well to flowing & RWTP.
6. Install pumping unit equipment if necessary.

This work will start as soon as BLM and NMOCD approval is granted.



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

SIGNATURE Darrin Steed

TITLE Operations Engineer

DATE 12/22/00

TYPE OR PRINT NAME Darrin Steed

TELEPHONE NO. 505-324-1090

(This space for State Use)

Original Signed by **STEVEN N. HAYDEN**

DEPUTY OIL & GAS INSPECTOR, DIST. 01

JAN - 3 2001

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



Cross Timbers Operating Company

December 22, 2000

Mr. Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Rd.
Aztec, New Mexico 87410



RE: Administrative Approval to Downhole Commingle
Schwerdtfeger A #6M
1,120' FNL and 940' FWL
Unit D, Section 8, T-27-N, R-8-W
San Juan County, New Mexico

Dear Mr. Chavez:

Cross Timbers Operating Company hereby requests administrative approval to downhole commingle the above referenced well. Attached for your reference are the following exhibits:

1. Sundry Notice (NMOCD Form C-103)
2. Decline Curves used for Production Allocation

This well was drilled and originally completed as a Basin Dakota (71599) in 1981. In 1994 the Blanco Mesaverde (72319) was completed. The well is still producing as dual completion. Both zones are included in the pre-approved pools established by Division Order R-11363. The well is perforated in the Basin Dakota from 6,640' – 6,782' and Blanco Mesaverde from 4,332' – 5,130'. Based on decline curve analysis the following allocation was determined:

Basin Dakota (71599)	Oil – 47%	Gas – 48%
Blanco Mesaverde (72319)	Oil – 53%	Gas – 52%

Both pools have common interest owners. Commingling both zones will not reduce the ultimate recovery of either pool. Downhole commingling will improve recovery of liquids, eliminate redundant surface equipment and maximize compressor efficiency. Notice has been filed with the BLM on Form 3160-5 concerning this matter.

C:\Work\Schwerdtfeger A #6M\DHC Application.doc