

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-045-26551

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

SF 079319

Lease Name or Unit Agreement Name

Schwerdtfeger A LS

8. Well No.

#20M

9. Pool name or Wildcat

Blanco Mesaverde/Basin Dakota

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 J : 2,020' Feet From The South Line and 1,520' Feet From The East Line

Section 8 Township 27 Range 8 NMPM San Juan County

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

GL 6,733'

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 @ 7,433' if needed.
4. RIH w/production string & land tubing @ 7,418'.
5. Swab well to flowing & RWTP.

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 5/19/00

TYPE OR PRINT NAME Darrin Steed

TELEPHONE NO. 505-324-1090

(This space for State Use)

Original Signed by STEVEN N. HAYDEN

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DEPUTY OIL & GAS INSPECTOR, DIST. 3

MAY 25 2000

Cross Timbers Oil Company

SCHWERTFEGER A 20M

CROSS TIMBERS
BLANCO (MESASVERDE)
SAN JUAN, NEW MEXICO

SAN JUAN
71172

8 27N 8W J
RWT

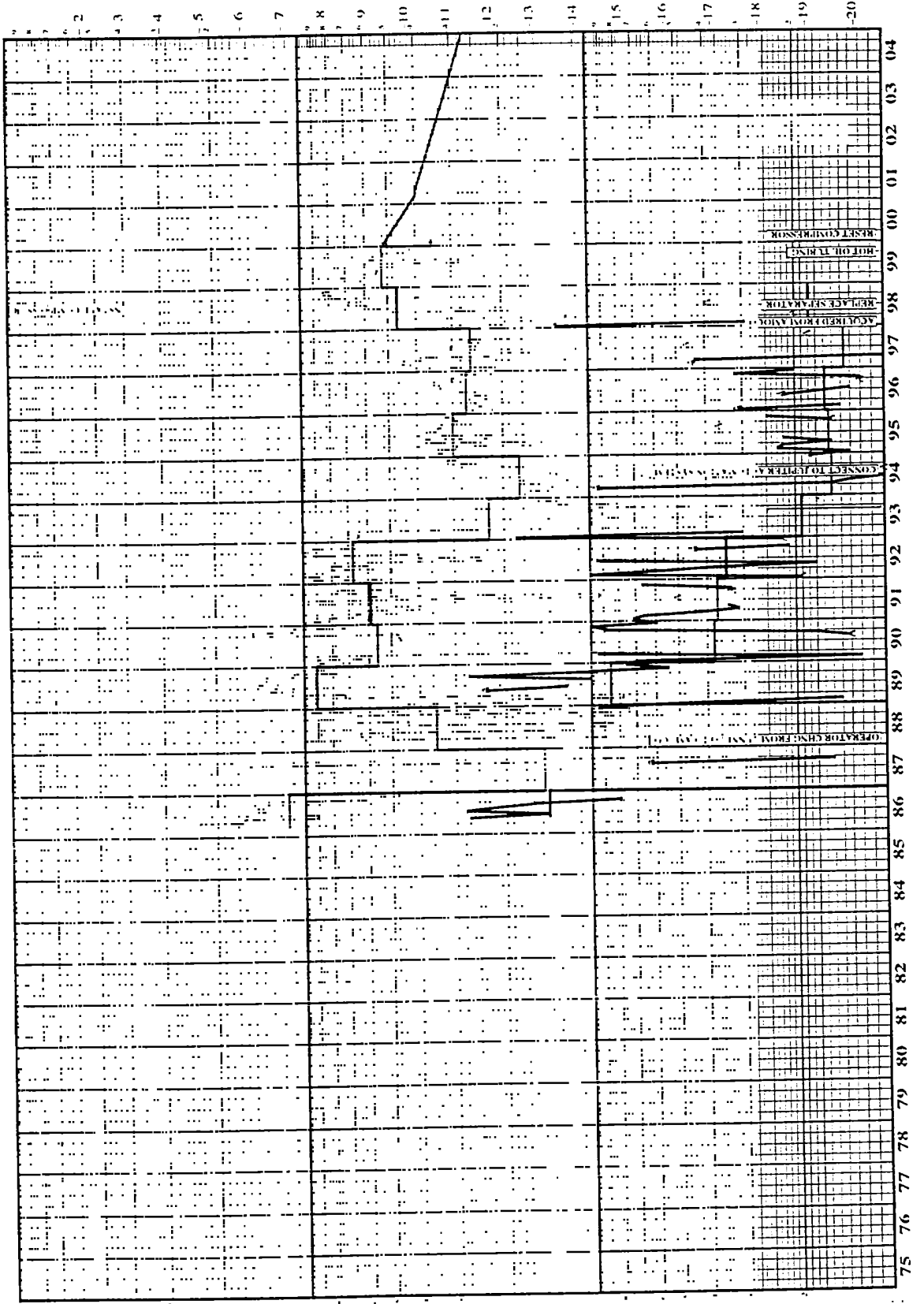
BASE
452655

DLS DLM TDT

M & L - 100 FORECAST

Run Date: 03/09/00
Run Time: 15:06:02

GAS (mcs/min) ▽
OIL (mcs/min) Δ



100.000

Cross Timbers Oil Company

SCHWERTFEGER A 20M

CROSS TIMBERS
BASIN (DAKOTA)
SAN JUAN, NEW MEXICO
8 27N 8W J
RWT

SAN JUAN
71171

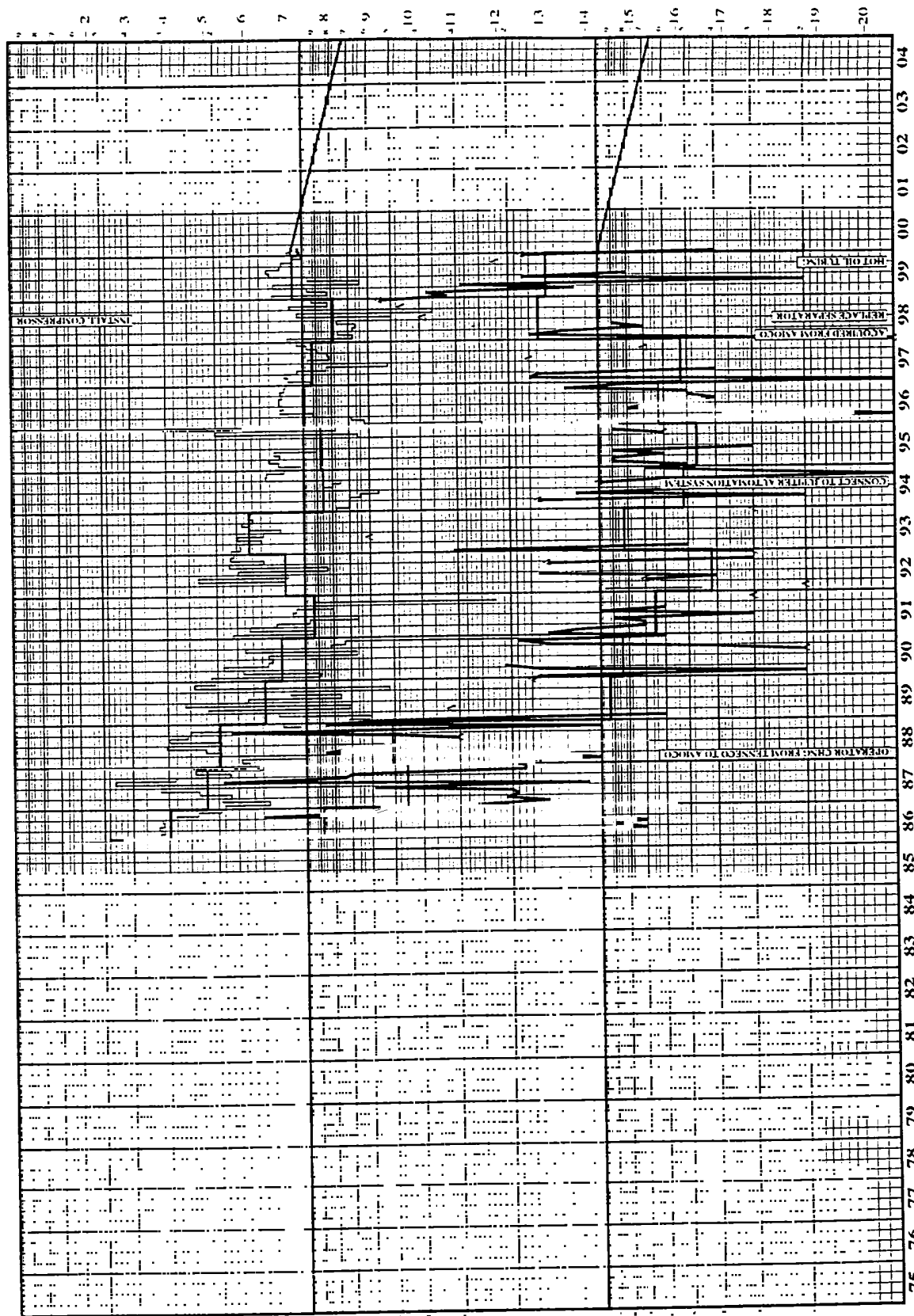
BASE
526551

DLS DLM TDT

M & L - 1/00 FORECAST

DATE: 01/09/78
Run Time: 15:00:02

GAS (mc/dmo) ∇
OIL (bbl/dmo) Δ

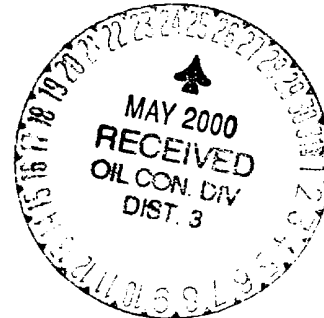




Cross Timbers Operating Company

May 19, 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 LS #20M
2,020' FSL and 1,520' FEL
Unit J, 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

The above captioned well was drilled and originally completed as a dual completion in the Basin Dakota (71599) and Blanco Mesaverde (72319) in 1985. This well is still producing as originally completed. Both zones are included in the pre-approved pools established by Division Order R-11363. The well is perforated in the Basin Dakota from 7,246' – 7,418' and in the Blanco Mesaverde from 4,530' – 5,405'. Based on decline curve analysis the following allocation was determined:

Blanco Mesaverde (72319)	Oil – 0%	Gas – 82%
Basin Dakota (71599)	Oil – 100%	Gas – 18%

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.


Y:\Schwerdtfeger A LS #20MDHC Application.doc

2700 Farmington Avenue, Building K, Suite 1
Farmington, New Mexico 87401
(505) 324-1090, Fax (505) 564-6700

*approved by phone call
6-7-00*

Cross Timbers would like to request your Administrative Approval for the downhole commingling based on the above information. Should you need any additional information please feel free to contact me at (505) 324-1090.

Sincerely,
CROSS TIMBERS OPERATING COMPANY

A handwritten signature in black ink, appearing to read "Darrin Steed". The signature is fluid and cursive, with the first name "Darrin" and last name "Steed" clearly distinguishable.

Darrin L. Steed
Operations Engineer

Enclosures

Cc: Gary Markestad
Well File