

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
811 S. First St., Artesia, NM 88210-2835
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 875054-6429

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Cross Timbers Operating Company

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

Operator

Address

Dawson Federal

#1M

N

26

27N

08W

San Juan

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

OGRID NO. 167067

Property Code

API NO. 30-045-24791

Spacing Unit Lease Types: (check 1 or more)
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	Blanco Mesaverde 72319		Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	5,117' - 5,180' (perf'd)		7,214' - 7,352' (perf'd)
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a. (Current) 542 psig (calc)	a. OIL CON. DIV. DIST. 3	2,070 psig (calc)
Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	b. (Original) 980 psig (calc)	b.	b. 236 psig (calc)
6. Oil Gravity (^o API) or Gas BTU Content)	1,310 BTU		1,320 BTU
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	yes		yed
* If Shut-In, give date 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: 7/2/99 Rates: 0 bopd, 171 MCFPD, 0 bwpd	Date: Rates:	Date: 7/2/99 Rates: 0.16 bopd, 40 MCFPD, 0 bw
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 48% Gas: 82%	Oil: % Gas: %	Oil: 52% Gas: 18%

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 in on, or communitized 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

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 Jeffery W. Patton TITLE Production Engineer DATE 7/7/99

TYPE OR PRINT NAME Jeffery W. Patton TELEPHONE NO(505) 324-1090

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 199
Instructions on bac
Submit to Appropriate District O
State Lease - 4 Copie
Fee Lease - 3 Copie

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-24791	² Pool Code 72319/71599	³ Pool Name Blanco Mesacerde / Basin Dakota
⁴ Property Code	⁵ Property Name Dawson Federal	⁶ Well Number #1M
⁷ OGRID No. 167067	⁸ Operator Name Cross Timbers Operating Company	⁹ Elevation 6,712' GL

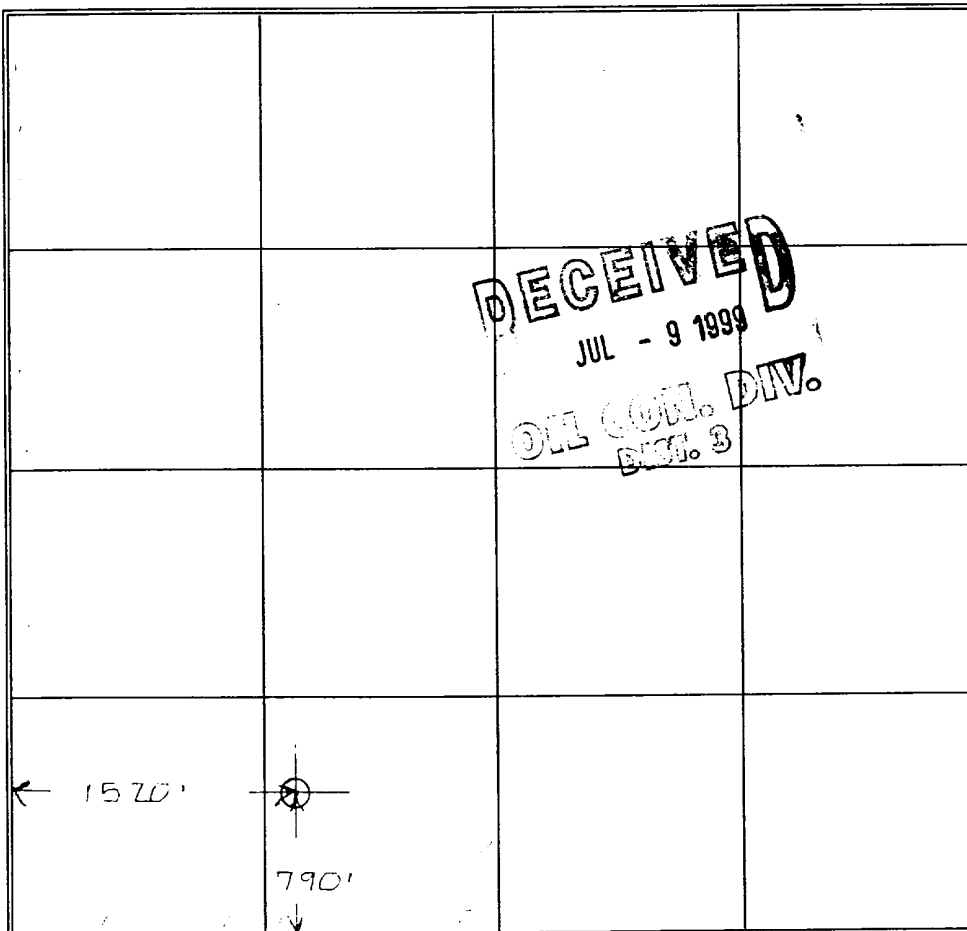
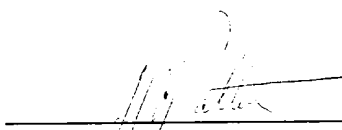
¹⁰ Surface Location

UL or lot no. N	Section 26	Township 27N	Range 08W	Lot. Idn	Feet from the 790'	North/South Line South	Feet from the 1,520	East/West line West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Dedicated Acres 320 / 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Jeffery W Patton Printed Name Production Engineer Title 7/7/99 Date
	¹⁸ SURVEYOR CERTIFICATION <i>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 belief.</i> 10/13/80 Date of Survey Signature and Seal of Professional Surveyer: ORIGINAL SIGNED BY FRED B KERR JR. #3950 Certificate Number



Cross Timbers Operating Company

Mr. David Catanach
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Administrative Approval to Downhole Commingle
Cross Timbers Operating Co.
Dawson Federal #1M
1,520' FWL, 790' FSL Sec. 26, T27N, R08W
San Juan County, New Mexico

Dear Offset Operator,

As an offset operator to the above mentioned well, you are hereby notified that Cross Timbers Operating Co is filing for downhole commingle approval.

If you do not have any objections to the above well being commingled, you can either sign this letter waiving your rights to an objection or let the twenty days, upon receipt of this letter, expire.

Please return this letter or a letter of objection to Mr. David Catanach at the above address.

Cross Timbers Oil Co sincerely appreciate your prompt response concerning this approval.

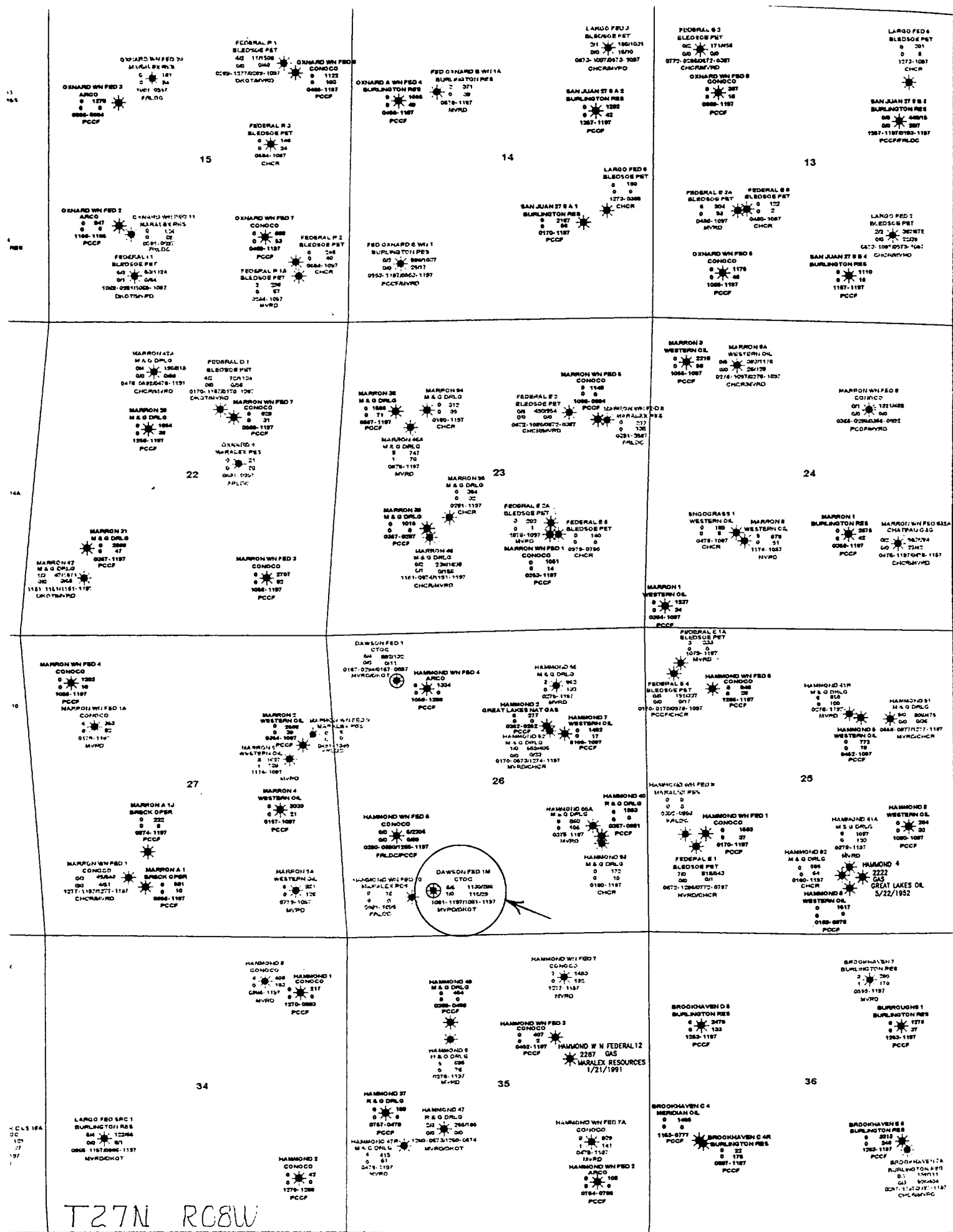
M & G Drilling Company Inc.	Signature:
Bledsoe Petro Corporation	Signature:
Western Oil & Minerals Limited	Signature:
Conoco Incorporated	Signature:
Greystone Energy Inc.	Signature:



Dawson Federal #1M
Offset Operator / Ownership Plat
Blanco Mesaverde / Basin Dakota
Downhole Commingle

Township 27 N, Range 08 W

1. M & G Drilling Company Inc.
c/o KM Production
PO Box 2406
Farmington, NM 87499
2. Bledsoe Petro Corporation
1717 Main
Suite #5850
Dallas, TX. 75201
3. Western Oil & Minerals Limited
3001 Northridge
Farmington, NM 87401
4. Conoco Incorporated
10 Desta Dr.
Suite 100W
Midland, TX. 79705
5. Greystone Energy Inc.
5802 Hwy 64
Farmington, NM 87401
6. Cross Timbers Operating Co.
6001 E. Hwy 64
Farmington, NM 87401



Cross Timbers Oil Company

DAWSON FEDERAL IM

CROSS TIMBERS
BLANCO (MESAVERDE)
SAN JUAN, NEW MEXICO
26N 27N 08W
BGV

CO
452479

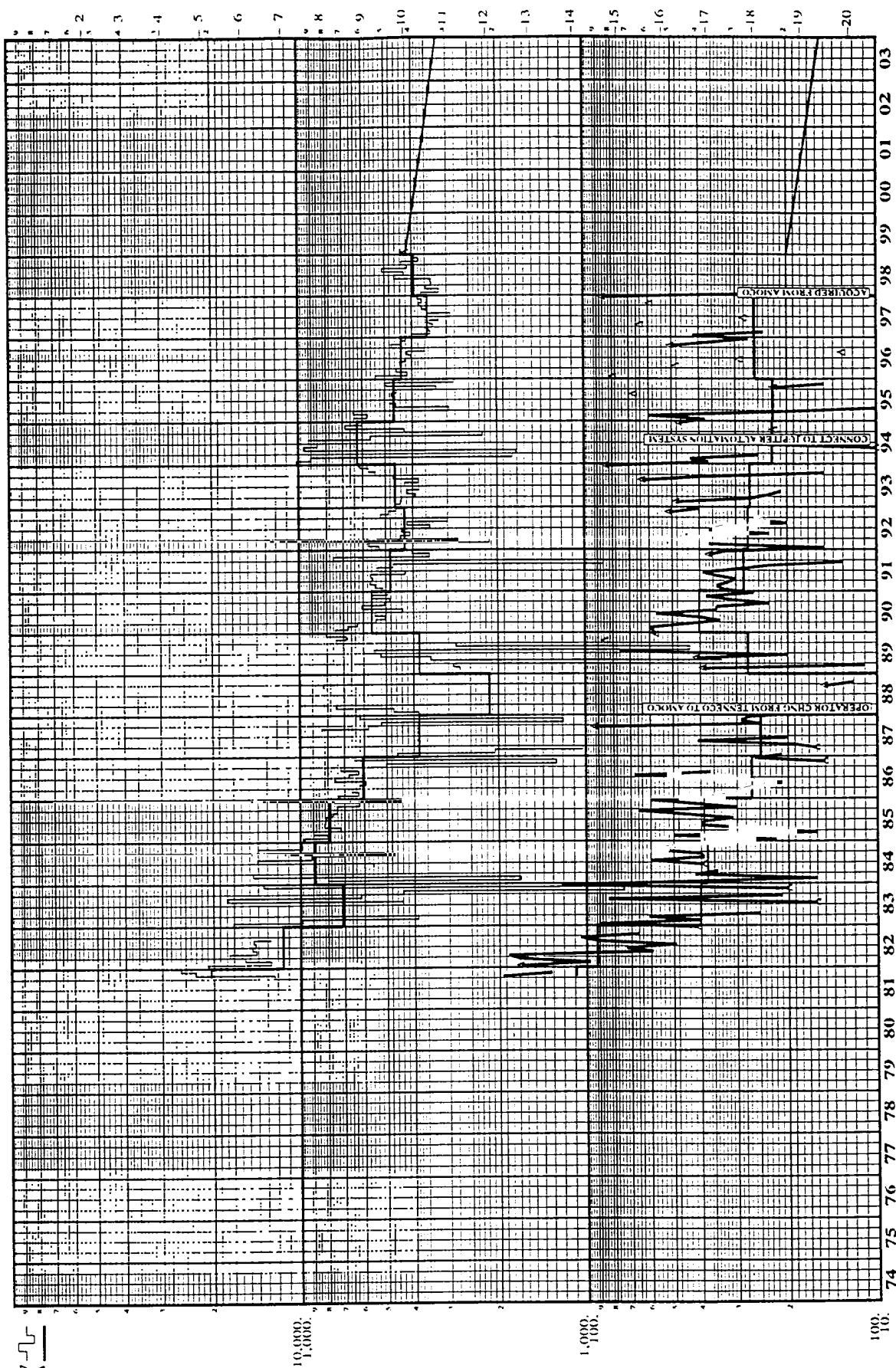
SAN JUAN
70199

M & L - 1/99 FORECAST

JWP DLM CP-K-WSS

Run Date: 04/11/99
Run Time: 11:38:31

GAS (mc/ft) ▽
OIL (bbls/m) Δ



Cross Timbers Oil Company

DAWSON FEDERAL

CROSS TIMBERS
BASIN (DAKOTA)

SAN JUAN, NEW MEXICO
26N 27N 08W

CO
524791

1M

SAN JUAN
70198

M & L - 1/99 FORECAST

JWP DLM CP-K-WSS

Run Date: 04/11/99
Run Time: 11:38:29

GAS (mc/mm) ∇
OIL (bbl/mm) Δ

