

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 side

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

3b. Phone No. (include area code)

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

1190' FSL & 1530' FEL, unit 0, Sec 6, T27N, R08W

5. Lease Serial No.

SF - 079319

6. If Indian, Allottee or Tribe Name

55

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

NM

8. Well Name and No.

Schwerdtfeger A #5M

9. API Well No.

30-045-11888

10. Field and Pool, or Exploratory Area

Basin Dakota
Blanco Mesaverde

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

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | <u>Surface Commingle</u> |
| ☐ Convert to Injection | ☐ Plug Back | ☐ 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 recomplete 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 recompletion 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.)

See attached information.

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

Jeffrey W. Patton

Title

Production Engineer

Date 9-17-99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

WAYNE TOWNSON

Title

A. T. L

Date

9-28-99

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

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.

(Instructions on reverse)



Cross Timbers Operating Company

Acq 5/1/11

90 SEP 21 PM 12:56

675 FARMINGTON, NM

Bureau of Land Management
Farmington District Office
1235 La Plata Highway
Farmington, NM 87401

Re. Surface Commingling Of the Schwerdtfeger A #5M & Schwerdtfeger A #4.

Gentleman:

Cross Timbers here by request approval to surface commingle the above mentioned wells. The Schwerdtfeger A #5M is DHC Dakota / Mesaverde well and the Schwerdtfeger A #4 is an open hole Pictured Cliffs well.

The two wells will be surface commingled as shown in the attached well site diagram.

Allocation of Production to Contributing Sources

In order to adequately allocate the gas volume from each well, the meter and meter run will remain with each well (current configuration). In order to obtain the gas volume for the Schwerdtfeger A #5M, the gas volume recorded for the Schwerdtfeger A #4 (meter # 71175) will be subtracted from the (total) gas volume measured by the Schwerdtfeger A #5M (meter #75576).

Meter (#75576) – Meter (#71175) = Gas volume for the Schwerdtfeger A #5M.

In order to allocate the lease gas volume used to operate the compressor, the percent of gas contribution from each well will be directly applied to the compressor's daily fuel consumption (9 MCFPD).

(Meter (#71175) / Meter (#75576)) * 9 MCFPD * #Days comp in operation = Lease use for the Schwerdtfeger A #4.

((Meter (#75576) – Meter (#71175)) / Meter (#75576)) * 9 MCFPD * #Days comp in operation = Lease use for the Schwerdtfeger A #5M

The use of two calibrated meters and the subtraction method should eliminate the need for annual testing.

As far as oil production is concerned, all oil will be given to the Schwerdtfeger A #5M well. The Schwerdtfeger A #4 will received no allocated oil production. Please see the enclosed decline curves.



Cross Timbers Operating Company

Economic Justification

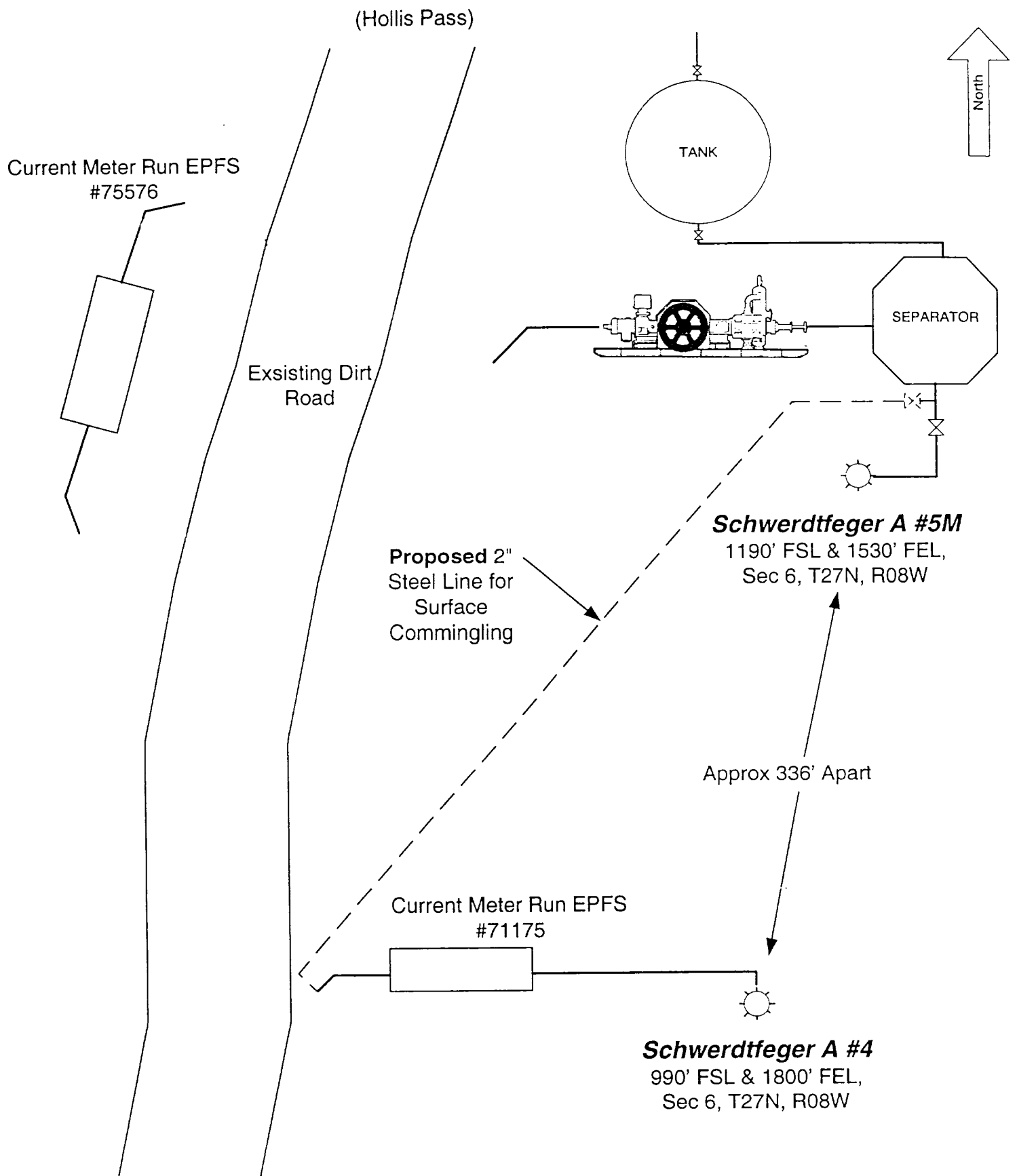
The Schwerdtfeger A #4 is an old open hole PC that was completed in the mid 1950's. This well is experiencing bottomhole pressure depletion and is nearing the end of economic life but with the use of compression the well can be returned to economical production. Therefore, in order to reduce environmental impact of redundant surface equipment including compression it is in the best interest of all parties involved that the current equipment installed on the Schwerdtfeger A #5M be used to improve economic benefit of both wells.

Cross Timbers plans to surface commingle the above mentioned wells as soon as approval is received.

If you have any questions concerning this matter, please feel free to contact me anytime.

Sincerely,

Jeffrey W. Patton
Production Engineer



**Surface Map for the Schwerdtfeger A #5M & A #4
Surface Commingling - Map not drawn to scale**

Cross Timbers Oil Company

SCHWERTFEGER A 4

CROSS TIMBERS
BLANCO S (PICTURED CLIFFS)

SAN JUAN
71175

060 27N 08W

RWT

CO

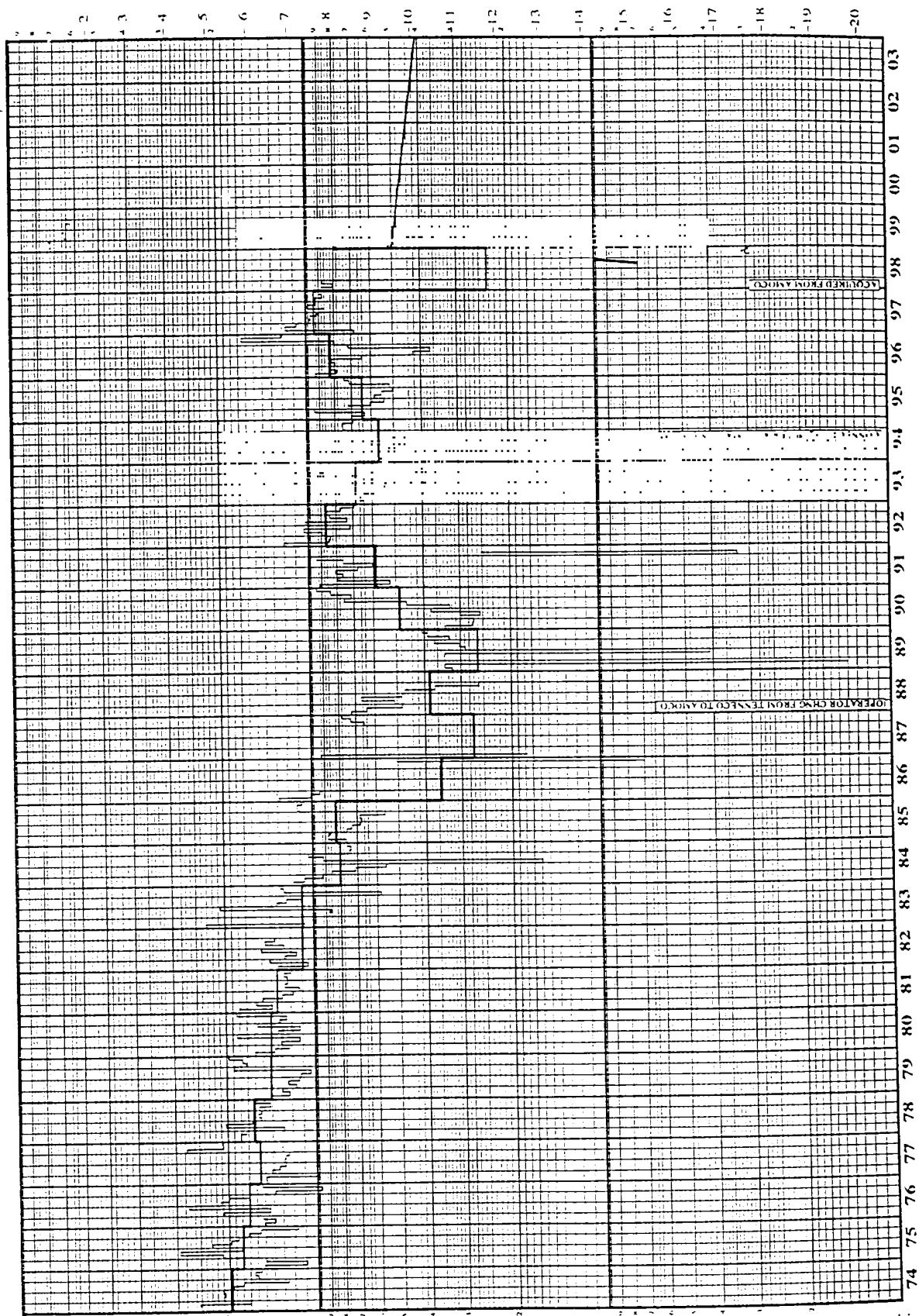
506766

M & L - 1/99 FORECAST

JWP DLM CP-K-WSS

Run Date: 04/1/99
Run Time: 11:57:49

5AS (mct/mo) V 1 1
DL (mct/mo) A



Cross Timbers Oil Company

SCHWERTFEGER A 5M

CROSS TIMBERS
BASIN (DAKOTA)
SAN JUAN, NEW MEXICO
060 27N 08W
RWT

SAN JUAN
7/1/54

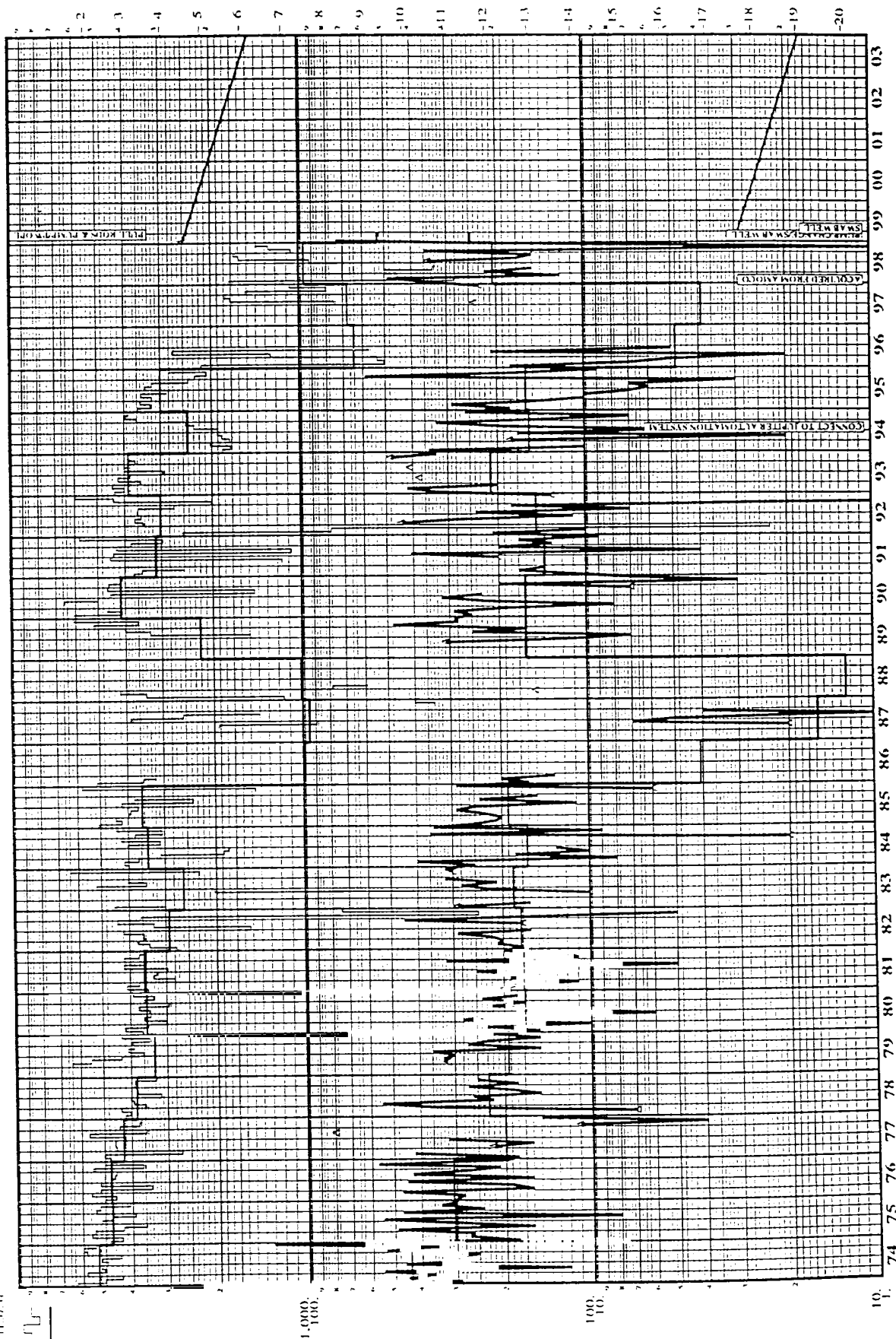
CO
5/1888

M & L - 1/99 FORECAST

JWP DLM CP-K-WSS

Run Date: 04/1/99
Run Time: 11:57:51

AS (mc/mo) V
L (bbls/mo) Δ



Cross Timbers Oil Company

SCHWERTFEGER A 5M

CROSS TIMBERS
BLANCO (MESAVERDE)
SAN JUAN, NEW MEXICO
060 27N 08W
RWT

SAN JUAN
71156

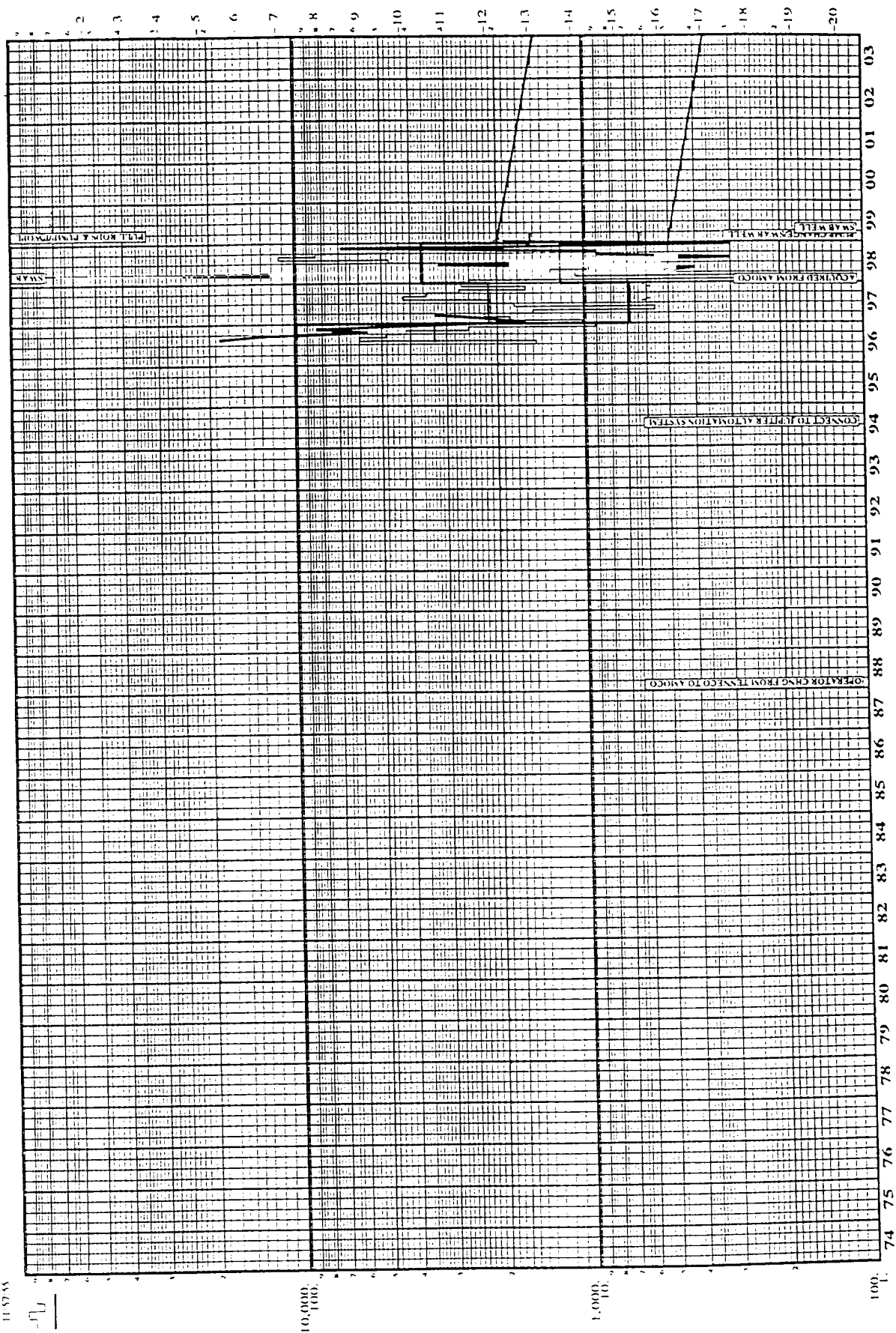
CO
451188

M & L - 1/99 FORECAST

JWP DLM CP-K-WSS

Run Date: 04/1/99
Run Time: 11:57:55

7AS (mci/mo) ∇ ∇ ∇
3IL (bbls/mo) Δ Δ Δ



2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Free Lense - 3 Copies

96 FEB 20 PM 1:18

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* AM Number		* Pool Code	* Pool Name
3004511888		82329	Otero Chacra
* Property Code	* Property Name		* Well Number
1031	Schwerdtfeger A		5
* OGRID No.	* Operator Name		* Elevation
000778	Amoco Production Company		6760'

¹⁰ Surface Location

Surface Location									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	6	27N	8W		1190	South	1530	East	San Juan

	1990	South	1930
" Bottom Hole Location If Different From Surface			

Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
" Dedicated Acres 160	" Lot or In/W	" Consolidation Code		" Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION

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

16		17	
		OPERATOR CERTIFICATION	
		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
		Signature <u>Patty Haebele</u>	
		Printed Name <u>Patty Haebele</u>	
		Title <u>Staff Assistant</u>	
		Date <u>2/8/96</u>	
		Date	
		18	
		SURVEYOR CERTIFICATION	
		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.	
		Date of Survey <u>12-3-05</u>	
		Signature and Seal of Professional Surveyor:	
		on file	
		Certificate Number <u>2463</u>	

COMPANY EL PASO NATURAL GAS COMPANY

Well Name & No. SCHERDTFEGER NO. 4-A Lease No. SF 079319

Location 990 FEET FROM THE SOUTH LINE, 1800 FEET FROM THE EAST LINE

Being in SW/4 OF THE SE/4

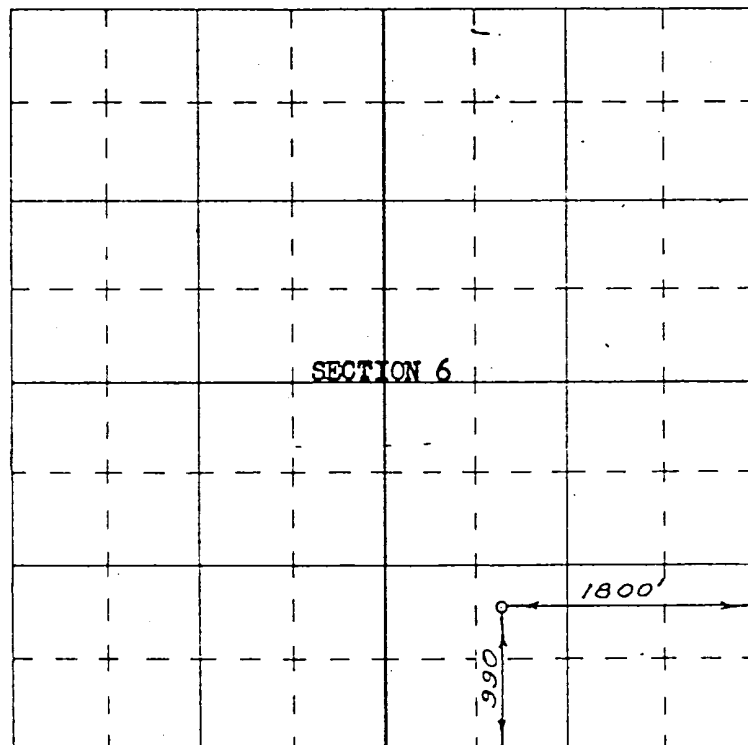
Sec. 6, T 27N., R 8W., N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

Ground Elevation 6775⁵²

RECEIVED

AUG 1 1955
U. S. GEOLOGICAL SURVEY
FARMINGTON NEW MEXICO



Scale -- 4 inches equals 1 mile

Surveyed JULY 20, 19 55

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

C. O. Walker

Registered Professional
Engineer and Land Surveyor.

Seal:

Farmington, New Mexico

160 ACRES, SE/4 SECTION (PLAT)

