

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.

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 LS #22

9. API Well No.

30-045-11728

10. Field and Pool, or Exploratory Area

S. Blanco Pictured Cliffs

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
☒ Notice of Intent	☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Final Abandonment Notice	☐ 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 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.)

See attached information.

RECEIVED
NOV 17 1999
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
NOV 17 1999
53157-2 AM 11:36

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

Jeffrey W. Patton

Title

Production Engineer

Date

11/01/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Joe Hewitt

Team Lead, Petroleum Management

Date

11/15

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.

NMOC

(Instructions on reverse)



Cross Timbers Operating Company

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

Re. Surface Commingling Of the Schwerdtfeger A #3M & Schwerdtfeger A #22.

Gentleman:

Cross Timbers hereby request approval to surface commingle the above mentioned wells. The Schwerdtfeger A #3M is DHC Dakota / Mesaverde well and the Schwerdtfeger A #22 is a slimhole 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 #3M, the gas volume recorded for the Schwerdtfeger A #22 (EPFS meter # 75474) will be subtracted from the (total) gas volume measured by the Schwerdtfeger A #3M (EPFS meter #75579).

Meter (#75579) – Meter (#75474) = Gas volume for the Schwerdtfeger A #3M.

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).

$$(\text{Meter (\#75474)} / \text{Meter (\#75579)}) * 9 \text{ MCFPD} * \text{\#Days comp in operation} = \text{Lease use for the Schwerdtfeger A \#22.}$$

$$(((\text{Meter (\#75579)} - \text{Meter (\#75474)}) / \text{Meter (\#75579)}) * 9 \text{ MCFPD} * \text{\#Days comp in operation}) = \text{Lease use for the Schwerdtfeger A\#3M}$$

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 #3M well. The Schwerdtfeger A #22 will receive no allocated oil production. Please see the enclosed decline curves.



Cross Timbers Operating Company

Economic Justification

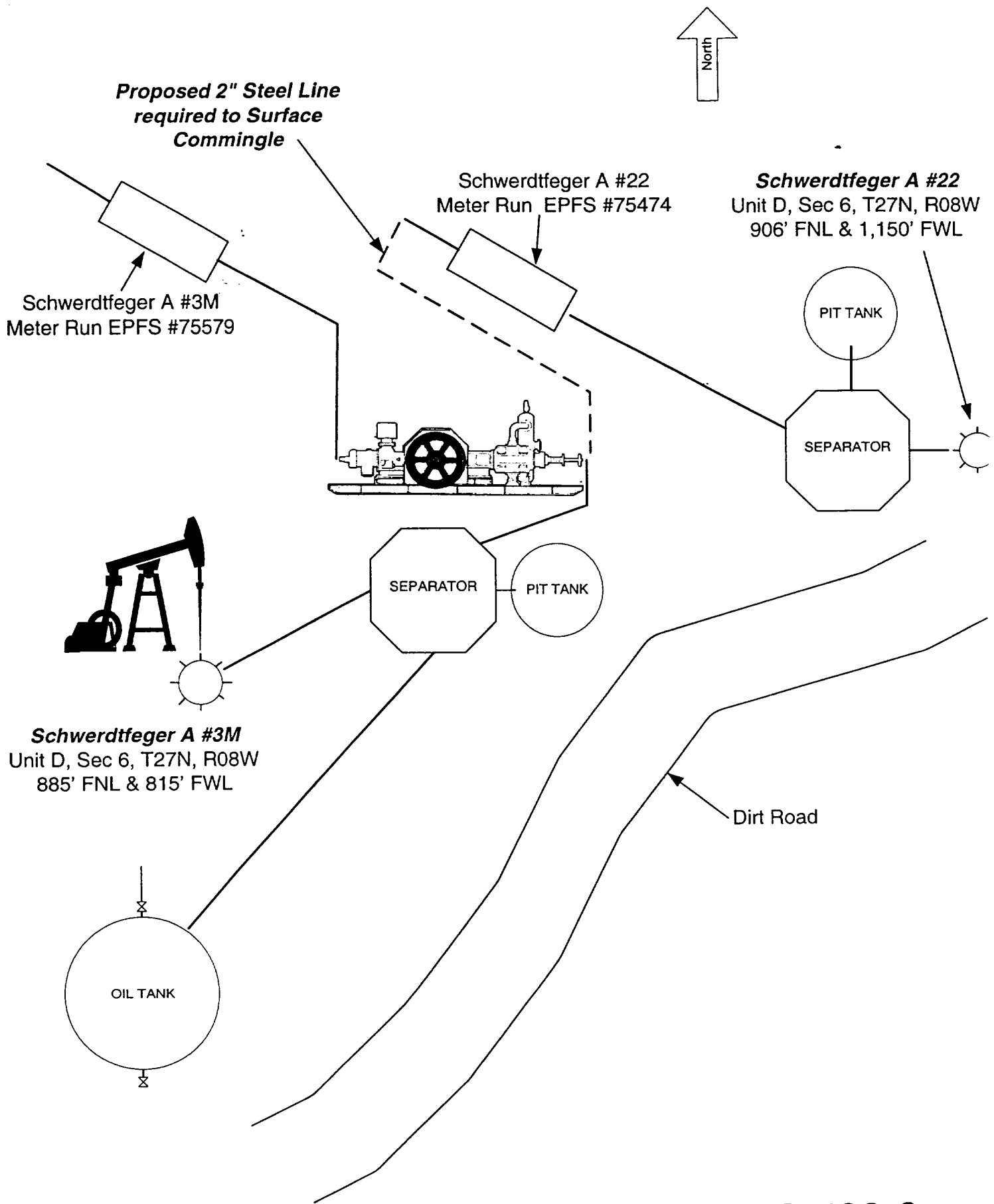
The Schwerdtfeger A #22 is an PC that was completed in the mid 1960's. This well is experiencing bottomhole pressure depletion and is nearing the end of economic life but with the use of compression the well can be returned to economical production. Therefore, in order to reduce environmental impact 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 #3M 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 #22 & Schwerdtfeger A #3M to Surface Commingle

Cross Timbers Oil Company

SCHWERTFEGER A 22

CROSS TIMBERS
BLANCO S (PICTURED CLIFFS)

SAN JUAN
71173

06D 27N 08W
RWT

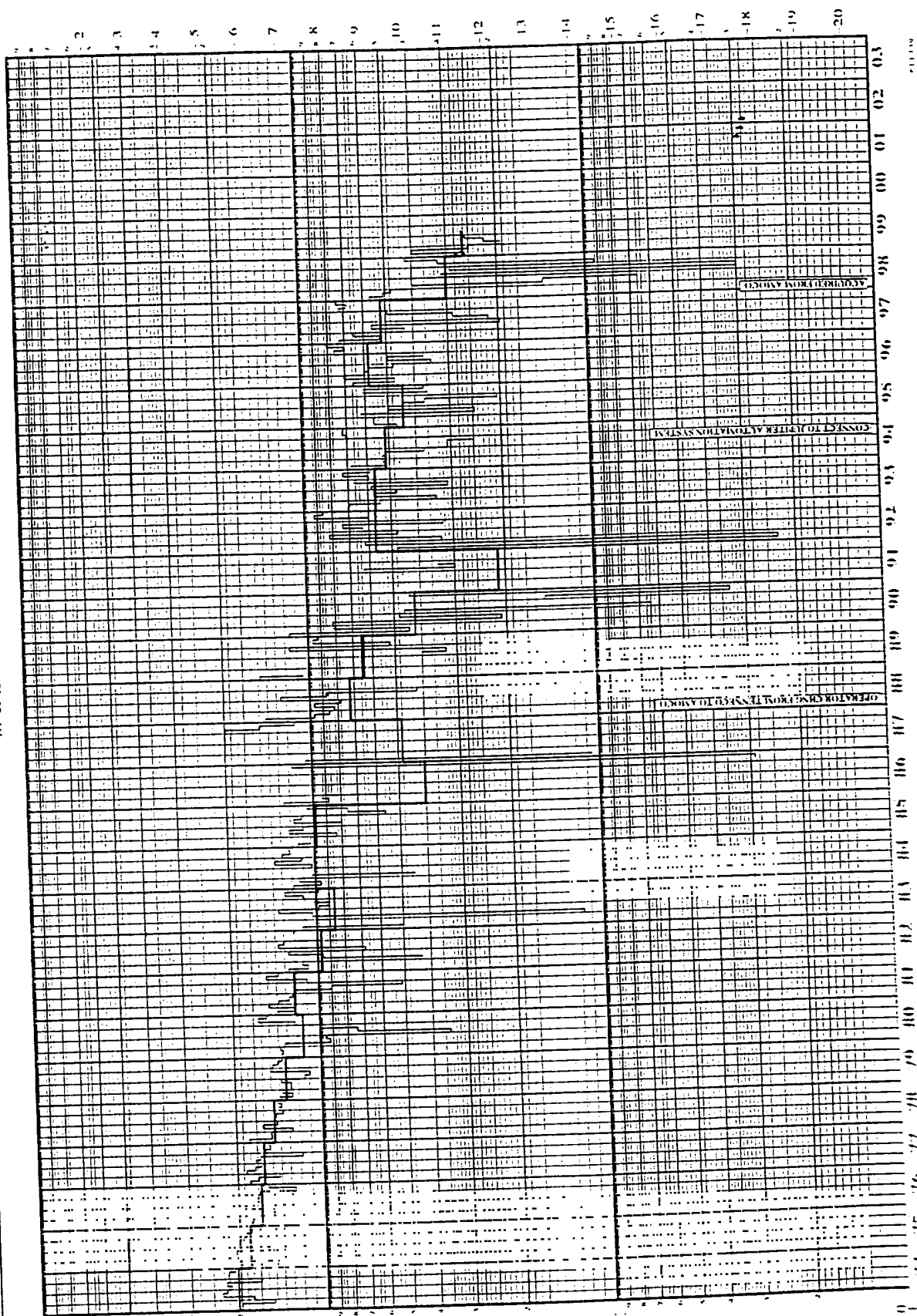
CO
511728

JWP DLM CP-LDR

M & L - 1/99 FORECAST

Run Date: 01/1/99
Run Time: 11:57:36

□ (ms) □ (ms)
□ (ms) □ (ms)



111199

[illegible]

Cross Timbers Oil Company

SCHWERTFEGER A 3M

CROSS TIMBERS
BASIN (DAKOTA)

SAN JUAN, NEW MEXICO
06D 27N 08W

SAN JUAN
71151.71276

CO
511605

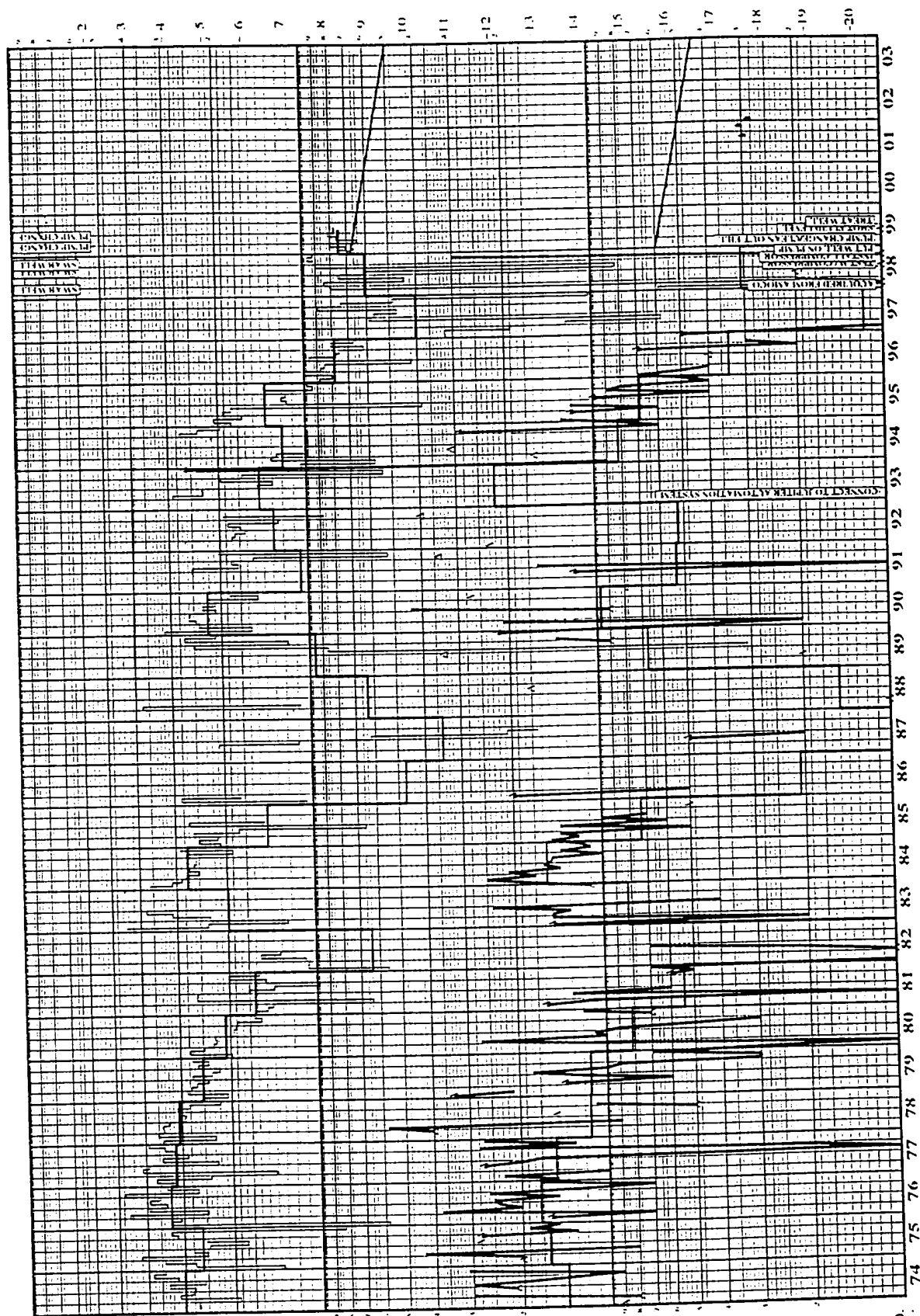
RWT

JWP DLM CP-LDR

M & L - 1999 FORECAST

Run Date: 01/11/99
Run Time: 11:57:40

AS (mcf/dmm) ∇ ∇ ∇
L (bbl/dmm) Δ Δ Δ



District I
PO Box 1990, Hobbs, NM 88241-1990
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1989

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

55 FEB 10 1992 12:55

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30 045 11605		Pool Code 72319		Well Name Blanco Mesa Verde	
Property Code 001013		Property Name Schwerdtfeger A			Well Number #3
OGRIID No. 000778		Operator Name Axmoco Production Company			Elevation 5902

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	6	27N	8W		885	FNL	815	FWL	San Juan

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
Dedicated Acres 320.68		Joint or Infill Y		Consolidation Code		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

16	885			
815				

17 OPERATOR CERTIFICATION

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

Signature
A. WAYNE BRANAM
Printed Name
Business Analyst
Title
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.

10 08 65
Date of Survey
Signature and Seal of Professional Surveyor:

ON File

Certificate Number

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator EL PASO NATURAL GAS COMPANY		Lease SCHWERTFEGER "A"		SF-079319	Well No. 22
Unit Letter D	Section 6	Township 27-N	Range 8-W	County SAN JUAN	
Actual Footage Location of Well: 906 feet from the NORTH line and 1150 feet from the WEST line					
Ground Level Elev. 5911	Producing Formation PICTURED CLIFFS	Pool SOUTH BLANCO PICTURED CLIFFS	Dedicated Acreage: 160.78 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

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

Original Signed **F. H. WOOD**

Name _____
Petroleum Engineer
 Position _____
El Paso Natural Gas Company
 Company _____
May 20, 1966
 Date _____

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 knowledge and belief.

Date Surveyed _____
MARCH 30, 1966
 Registered Professional Engineer
 and/or Land Surveyor

Paul O. Kilmer
 Certificate No. **1760**

