

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Amerada Hess Corporation

3. ADDRESS OF OPERATOR

Attn. Drilling Services, P. O. Box 2040, Tulsa, Oklahoma 74102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1850' FSL, 800' FWL

At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

Jic 40

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache D

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Ballard Pictured Cliffs

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec 36, T24N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

13 miles east of Counselor

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

800'

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

2400

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

2550

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6731

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START\*

Nov 15 1985

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	8-5/8"	24 #	350 ±	290 sx circ to surface
7-7/8"	5 1/2"	14 #	2550	575 sx

Procedure: Set 8-5/8" surface pipe @ 350'±, Drill to Td with low water loss mud.

Run electric logs, set 5 1/2" production casing above Pictured Cliff

Zone and cement 5 1/2" casing with enough cement to bring cement top

ground surface, Drill out 5 1/2" Casing and complete well in the Pictured  
Cliff formation.

EXHIBITS ATTACHED:

- A. LOCATION AND ELEVATION PLATS
- B. VICINITY MAP
- C. MULTI POINT REQUIREMENT FOR APD.
- D. 10 POINT COMPLIANCE PROGRAM.
- E. ARCHAEOLOGICAL REPORT.
- F. RIG LAYOUT
- G. BOP DIAGRAM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED J. P. Wilson J. P. Wilson TITLE Supervisor Brlg Admin Servs DATE 10-9-85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions On Reverse Side

APPROVED  
AS AMENDED

NOV 25 1985

(SGD.) MAT MILLENBACH  
M. MILLENBACH  
AREA MANAGER

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

EXHIBIT "A"  
1 of 2 Form O-102  
Supersedes O-128  
Effective 1-1-85

All distances must be from the outer boundaries of the Section.

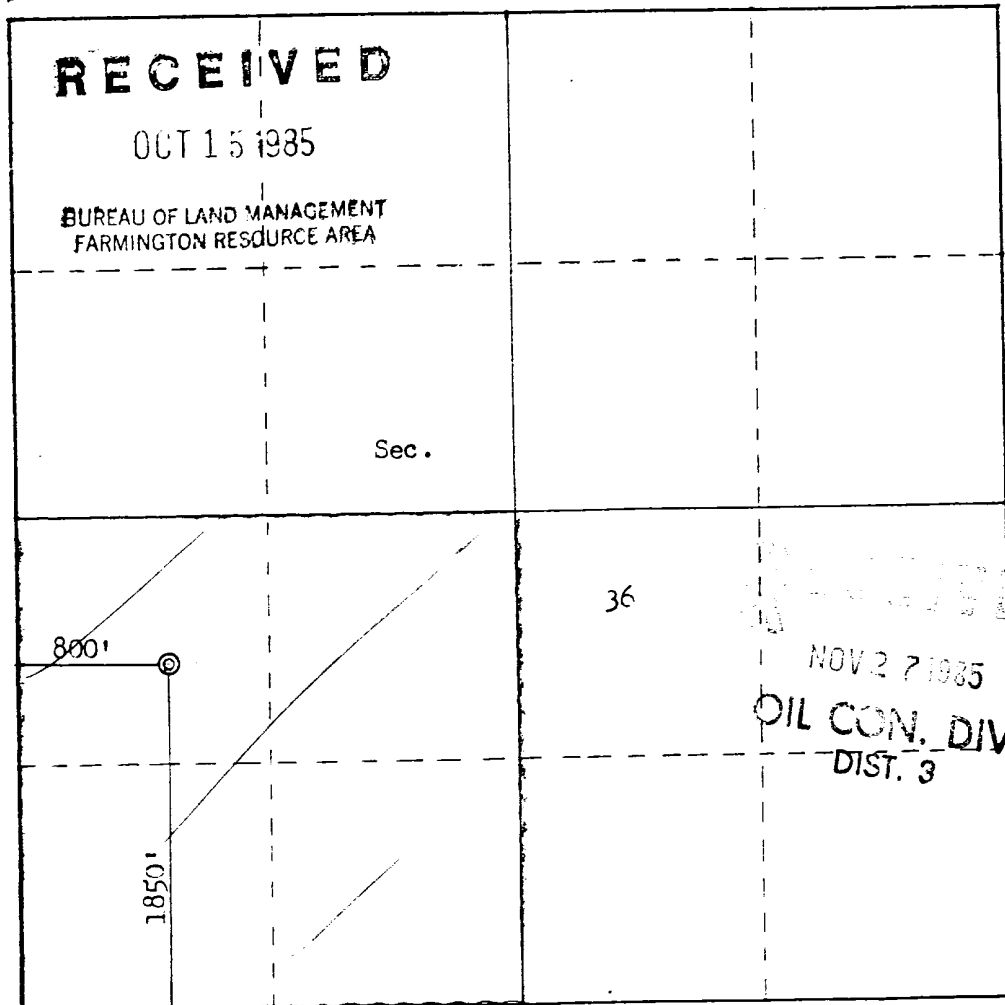
Operator <b>AMERADA HESS CORPORATION</b>			Lease <b>JICARILLA APACHE "D"</b>		Well No. <b>4</b>
Unit Letter <b>L</b>	Section <b>36</b>	Township <b>24N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>South</b> line and <b>800</b> feet from the <b>West</b> line					
Ground Level Elev: <b>6731</b>	Producing Formation <b>PICTURED CLIFF</b>		Pool <b>BALLARD</b>		Dedicated Acreage: <b>160</b> 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 been 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.



Scale: 1"=1000'

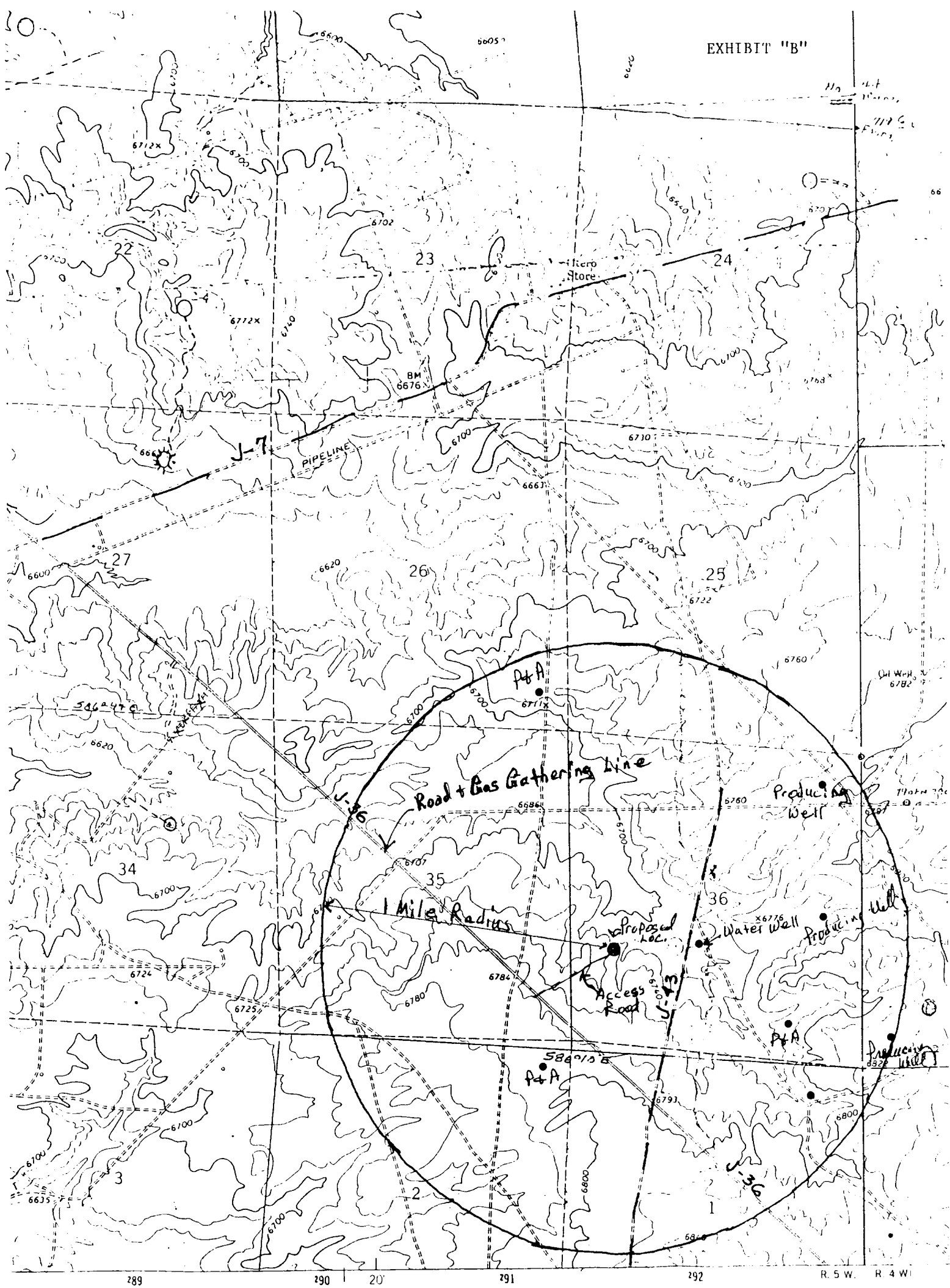
CERTIFICATION

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

Name  
*J. R. Wilson* J. R. Wilson  
Position  
*Supervisor of Administration*  
Company  
*Amerada Hess Corp*  
Date  
*10-3-85*

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  
*September 26, 1985*  
Registered Professional Engineer and Land Surveyor  
*Fred B. Kerr Jr.*  
Certificate No. *3750*



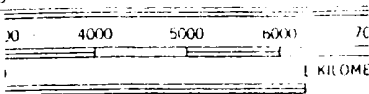
Survey

trial zone

Vicinity Map for  
AMERADA HESS CORPORATION #4 JICARILLA APACHE "D"  
1350' FSL 800' FWL Sec. 36-T24N-R5W  
RIO ARRIBA COUNTY, NEW MEXICO

V  
UTM GRID AND 1963 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24000



RVAL 20 FEET  
IN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

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—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Jic 40
2. NAME OF OPERATOR AMERADA HESS CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR ATTN DRILLING SERVICES, P. O. BOX 2040, Tulsa, OKLAHOMA 74102		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below) At surface 1850' FSL, 800' FWL		8. FARM OR LEASE NAME Jicarilla Apache "D"
14. PERMIT NO.		9. WELL NO. 4
15. ELEVATIONS (Show whether by <u>RT</u> or <u>etc.</u> ) 6731 GR		10. FIELD AND POOL, OR WILDCAT Ballard-AC
BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA		11. SEC., T., R., M., OR BLM. AND SUBST. OR AREA Sec 36, T24N, R5W
		12. COUNTY OR PARISH Lea
		13. STATE New Mexico

RECEIVED

OCT 21 1985

16 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Csg Cement Volumes</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Cement Volumes as Follows:

SURFACE CASING 290 sx X 1.18 cu ft/sx=342 cu ft Slurry volume

PRODUCTION CASING: Lead slurry 350 sx X 1.53 cu ft/sx=535 cu ft slurry volume

Tail Slurry 225 sx X 1.08 cu ft/sx=243 cu ft slurry volume.

Total 778 cu ft slurry volume

RECEIVED  
NOV 27 1985  
J. R. WILSON  
DIST. 2

18. I hereby certify that the foregoing is true and correct

SIGNED J. R. Wilson J. R. Wilson TITLE Supervisor Drlg Admin Svs APPROVED 85  
(This space for Federal or State office use) AS AMENDED

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE NOV 25 1985  
CONDITIONS OF APPROVAL, IF ANY:

(SGD.) MAT MILLENBACH  
M. MILLENBACH  
AREA MANAGER

\*See Instructions on Reverse Side

NMOCC