

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PERMITS OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

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REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Unior Texas Petroleum Corporation	
Address 375 US Highway 64,,Farmington, NM 87401	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Jicarilla F	Well No. 8	Pool Name, including Formation West Lindrith Gallup Dakota	Kind of Lease State, Federal or Fee	Lease No. Fed Jic Cont 107
Location Unit Letter <u>B</u> <u>790</u> Feet From The <u>North</u> Line and <u>1850</u> Feet From The <u>East</u> Line of Section <u>33</u> Township <u>26N</u> Range <u>11W</u> , NMPM, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Conoco, Inc. Surface Trans.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1429, Bloomfield, NM 87413	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Gas Company of New Mexico	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1899, Bloomfield, NM 87413	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 33
	Twp. 26N	Rge. 11W
	Is gas actually connected? Yes	
	When Approx. 8/20/86	

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Robert C. Frank  
(Signature)  
Permit Coordinator  
(Title)  
December 22, 1986  
(Date)

OIL CONSERVATION DIVISION

DEC 22 1986

APPROVED \_\_\_\_\_, 19  
BY Original Signed by FRANK T. CHAVEZ  
SUPERVISOR DISTRICT # 5  
TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

#### IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
	X		X					
Date Spudded 6/22/84	Date Compl. Ready to Prod. 8/06/85		Total Depth 8177		P.B.T.D. 8123			
Elevations (DF, RKB, RT, GR, etc.) 7058 GL, 7070 KB	Name of Producing Formation West Lindrith		Top Oil/Gas Pay 6998		Tubing Depth 7415			
Perforations 6998-7527 gross	Gallup Dakota				Depth Casing Shoe 8177			

#### TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
14	10-3/4	467	485 sxs (572 cu.ft.)
9-7/8	5-1/2	6122	
7-7/8	5-1/2	6122-8177	2720 sxs (4410 cu.ft.)
	2-3/8	7415	Stage tools 6240, 3924

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

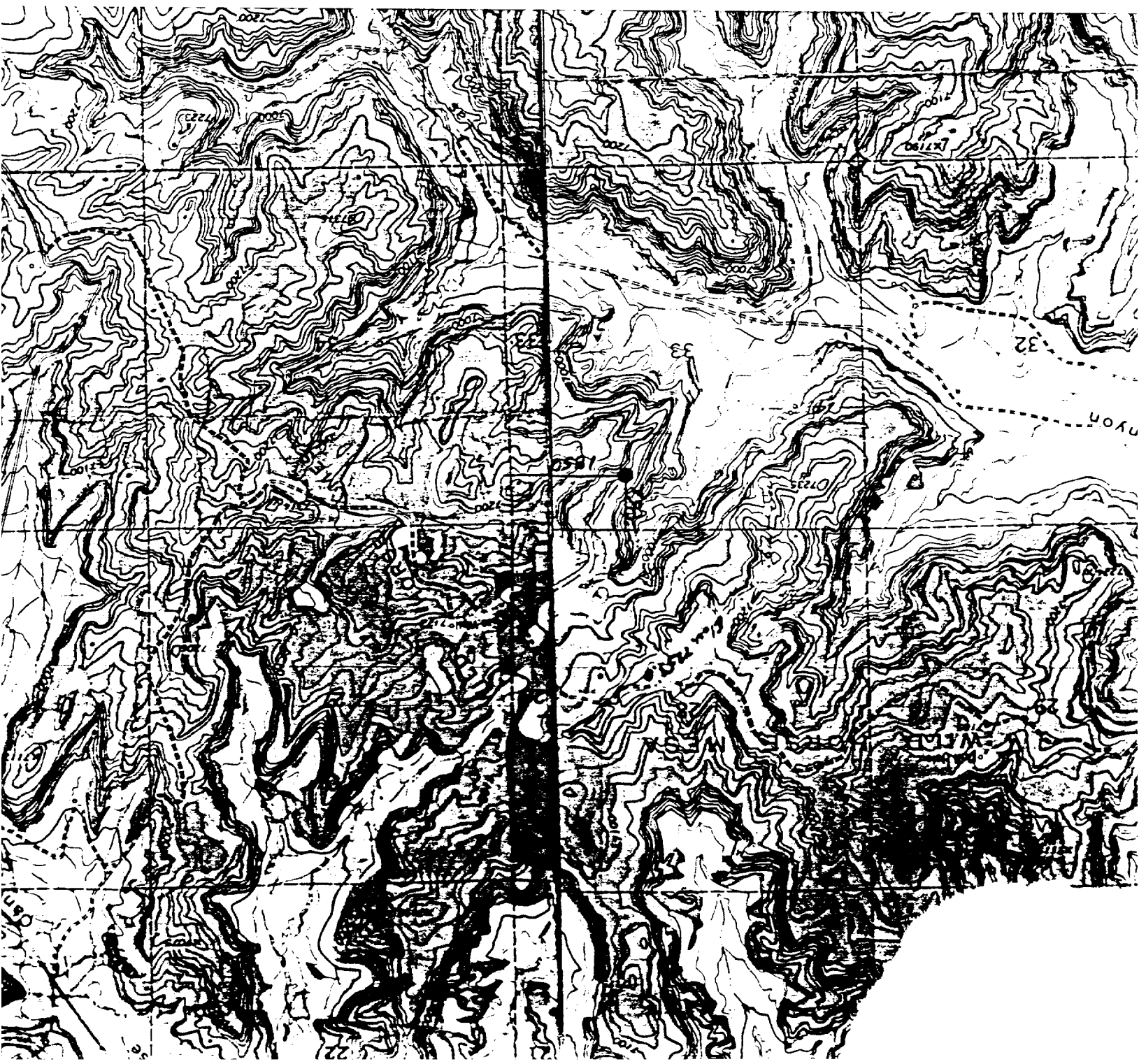
Date First New Oil Run To Tanks 9/4/86	Date of Test 9/25/86	Producing Method (Flow, pump, gas lift, etc.) flowing	
Length of Test 24	Tubing Pressure 345	Casing Pressure 670	Choke Size 1.375
Actual Prod. During Test	Oil - Bbls. 1.25 tot 0.33 W.L.G.D.	Water - Bbls. 0	Gas - MCF 390 tot 101 B.L.G.D.

#### GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

\*Production Allocation: Blanco Mesaverde 74%  
West Lindrith Gallup Dakota 26%







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

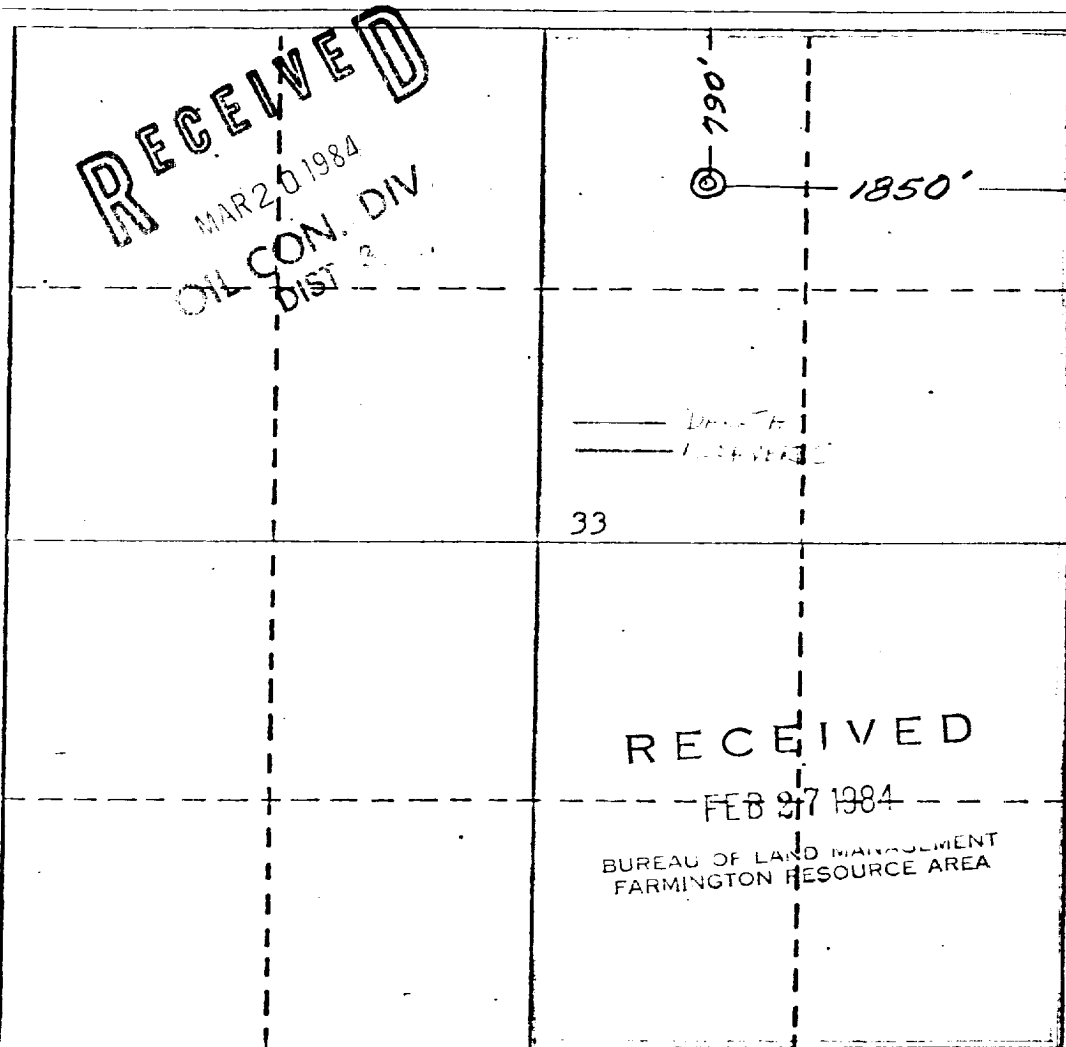
Operator <b>UNION TEXAS PETROLEUM CORPORATION</b>		Lease <b>JICARILLA F</b>		Well No. <b>8</b>
Unit Letter <b>B</b>	Section <b>33</b>	Township <b>26 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>790</b> feet from the <b>NORTH</b> line and <b>1850</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>7058</b>	Producing Formation <b>Dakota - Mesaverde</b>	Pool <b>Basin - Blanco</b>	Dedicated Acreage: <b>E 1/2 320.00</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.) Billy J. Knott 50% owner of entire lease

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.

Name

Rudy D. Motto

Position

Area Operations Manager

Company

Union Texas Petroleum

Date

February 22, 1984

I hereby certify that the location shown on this plat was flown from field notes of actual survey and that the same is correct to the best of my knowledge and belief.

REGISTERED PROFESSIONAL ENGINEER  
STATE OF NEW MEXICO  
NO. 1463  
JAMES P. LEESE

Date Surveyed

March 23, 1982

Registered Professional Engineer  
and/or Land Surveyor

James P. Leese

Certificate No.

1463

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 0



API Description (cont.)

Jicarilla "F" No. 8  
790' FNL 1850' FEL  
Sec. 33, T26N, R4W, N.M.P.M.  
Rio Arriba County, New Mexico

Run 2-3/8" tubing w/a production packer and set above the DK zone. Run 2-3/8" tubing to the MV zone. Nipple down the well head. Run production and packer leakage tests. Connect to a pipeline gathering system.

NOTE: This well was applied for, approved, location and road built under Supron Energy Corp. name on April 15, 1982 approval date was June 9, 1982. The Arch. report was submitted at that time. This location and road will be used as built.

Attached are copies of the original stipulations, copies of the Archeological reports and copies of offset operator letters.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

Union Texas Petroleum Corporation

## 3. ADDRESS OF OPERATOR

P.O. Box 1290, Farmington, New Mexico 87499

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

At surface

790' FNL; 1850' FEL

At proposed prod. zone

Same as above

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

6 miles NW of Ojito, New Mexico

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 790'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1735'

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

7058 GR

## 23. PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

## 12. COUNTY OR PARISH

Rio Arriba

## 13. STATE

NM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	New 10-3/4" H40	32.7#	500' (+)	170 Cu.ft. w/2% CaCl <sub>2</sub>
9 7/8"	New 7" K55	23.0#	6172' (+)	See below
6 1/8"	New 4-1/2" K55	11.6#	6000-8080' (+)	See below

INTERMEDIATE CEMENT PROGRAM: 1st stage approx. 750 cu.ft. of 50-50 POZ mix w/4% gel followed by approx. 150 cu.ft. of CL B w/2% CaCl. 2nd stage: approx. 1300 cu.ft. of 65-35 POZ w/6% Gel and 12-1/4# of Gilsonite then tail in w/approx. 75 cu.ft. of CL B with 2% CaCl to circulate to surface. LINER CEMENT PROGRAM: approx. 270 cu.ft. of 50-50 poz w/2% Gel, .5% Halad 9, 3% KCL & 40# of Gilsonite circulated to the liner top.

We desire to drill this well according to the above described program using a permaloid non-dispersed, starch base mud as the circulating medium from surface to intermediate T.D. of (+) 6172'. Log the well and run 7" csg. w/ODV tool @ approx. 3900'±. Cmt. 1st stage as described above. Cmt. 2nd stage as described above. Test csg. Drill out with gas as the circulating medium to T.D. Log the well. Run csg. and cmt. as described above. Test the csg. string. Perf. & fracture the DK formation. Set a bridge plug. Perf. and fracture the MV zone. Clean the MV zone up. Remove the bridge plug. Clean up the DK zone. (see next page)

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 prevention program, if any.

24.

SIGNED

Rudy D. Motte

(This space for Federal or State office use)

TITLE Area Operation Manager

February 22, 1984

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAR 20 1984

OIL CON. DIV.

DIST. 3 NMDC

APPROVED  
AS AMENDED

MAR 15 1984

AREA MANAGER  
FARMINGTON RESOURCE AREA

30-039-23394

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 107

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "F"

9. WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Basin DK-Blanco MV

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

B Sec. 33, T26N-R4W NMPM

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FEB 27 1984