

## APPROVED COPIES TO:

☒ MI & C COMPTR. DIV.☒ TREASURY☐ PURCHASING☐ ENGR. & SERV.☐ CORP. PLAN./BUDGET☐ GROUP PLAN./BUDGET☐ North American E & P Div.☒ Geothermal & Strategic Min.

## AUTHORITY FOR EXPENDITURE

Phillips Petroleum COMPANY

Minerals GROUP

Geothermal & Strategic PERFORMANCE  
Minerals Division CENTERExpense  
AFE NO. 5546☒ ORIGINAL☐ REVISION NO.☐ CANCELLATION

DATE 8-18-82

TO THE ☒ GEOTHERMAL MANAGER☐ GROUP EXECUTIVE☐ EXECUTIVE COMMITTEE

AUTHORITY IS HEREBY REQUESTED TO:

Workover RHS 14-2 unit partnership geothermal development well.

## DESCRIPTION OF PROPOSAL AND BASIS FOR NEED:

Set a bridge plug, remove and repair leaking expansion spool, drill out an existing bridge plug and return well to safe operating condition.

Roosevelt KGRA 14-2, Beaver County, Utah

Phillips Petroleum Company 73.68421 % WI-Operator

Amax - Thermal - O'Brien (Unit Partners), 26.31579 % WI

## CLEAR TO

EXPENSE \$

INVESTMENT \$

☐ CURRENT APPROVAL REQUIRED \$☐ PREVIOUS APPROVAL \$

REVISED TOTAL ESTIMATE \$

## GROSS COST

\$ 170,000

\$

\$ 170,000

\$

\$

## OUR NET COST

\$ 125,263

\$

\$ 125,263

\$

\$

## PHILLIPS TOTAL EXPOSURE

AARR %

PAYOUT YRS.

ENTER TIMES

ECONOMIC LIFE YRS.

CONSTRUCTION MOS.

PROJECT CLASSIFICATION: ☐ OPERATING NECESSITY ☐ PAYOUT I ☐ PAYOUT IIENVIRONMENTAL: WILL ENVIRONMENTAL PERMITS BE REQUIRED? ☐ YES ☐ NO☐ DISCRETIONARY(E & P ONLY)

## BUDGET DATA

BUDGET ITEM NO.

AMOUNT REQUESTED

AMOUNT BUDGETED

OVER (UNDER) BUDGET

PROPOSED CHARGE:

CONTINGENCY FUND

PRIOR YEAR ACCT.

BUDGET  
SUBST.

## CLEARANCES

OBTAINED NOT REQ'D

LEGAL

TREASURY

ENGR. &amp; SERV.

MI &amp; C COMPTR. DIV.

MI &amp; C TAX DIV.

PET/CHEM/ G &amp; GL

SUPPLY

SUPPLY CODE \*

OTHER ( )

## ATTACHMENTS

FORM 3938

FORM 3939

FORM 3940

COST ESTIMATE

MAPS &amp; PLATS

GROUP COMMENTS

CP &amp; B COMMENTS

Workover Procedure

## ESTIMATED EXPENDITURE SCHEDULE (NET INVESTMENT)

19 82	19	\$
1Q \$	19	\$
2Q \$	19	\$
3Q \$	19	\$
4Q \$	19	\$

## \* SUPPLY CODES

A FIRM, PAYOUT PERIOD

I INSIDE SOURCE

B FIRM, MONTHS

O OUTSIDE SOURCE

C UNDER NEGOTIATION

D NEGOTIATIONS NOT STARTED

E NOT CRITICAL

## REVIEW/APPROVAL

DATE

SIGNATURE

PERFORMANCE CENTER 24 AUG 82

David Reese

DATE

SIGNATURE

CORP. PLAN./BUDGET

EXEC. COMMITTEE

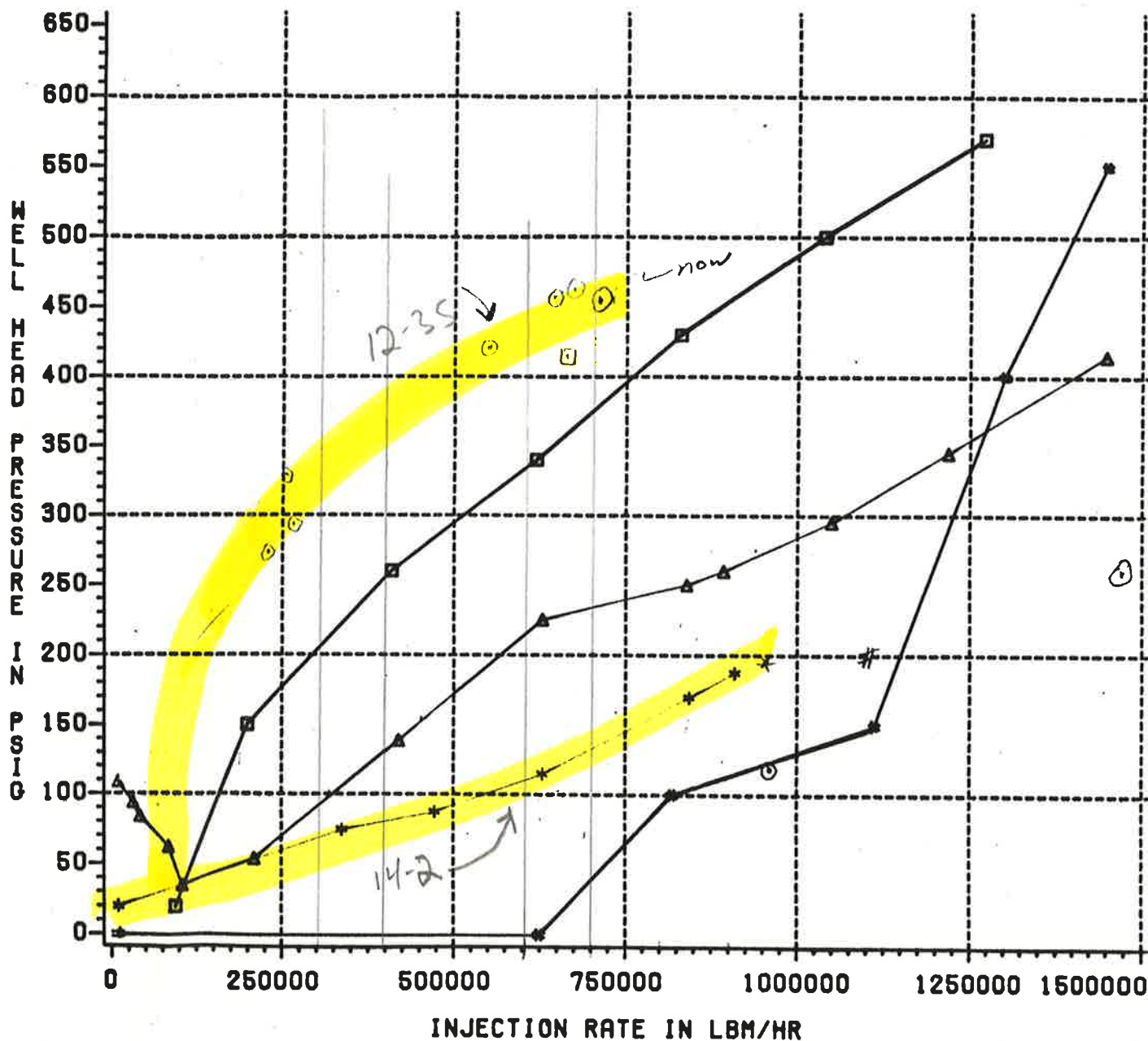
BOARD OF DIRECTORS

GROUP PLAN./BUDGET

GROUP EXECUTIVE

# ROOSEVELT HOT SPRINGS

## INJECTION WELL PERFORMANCE



LEGEND: TEST

■ ■ ■ RHSU \*12-35 ■      ▲ ▲ ▲ RHSU \*14-2 ■  
 \* \* \* RHSU \*14-2 ■      ● ● ● RHSU \*82-33 ■

① New 12-35 (8-84?)

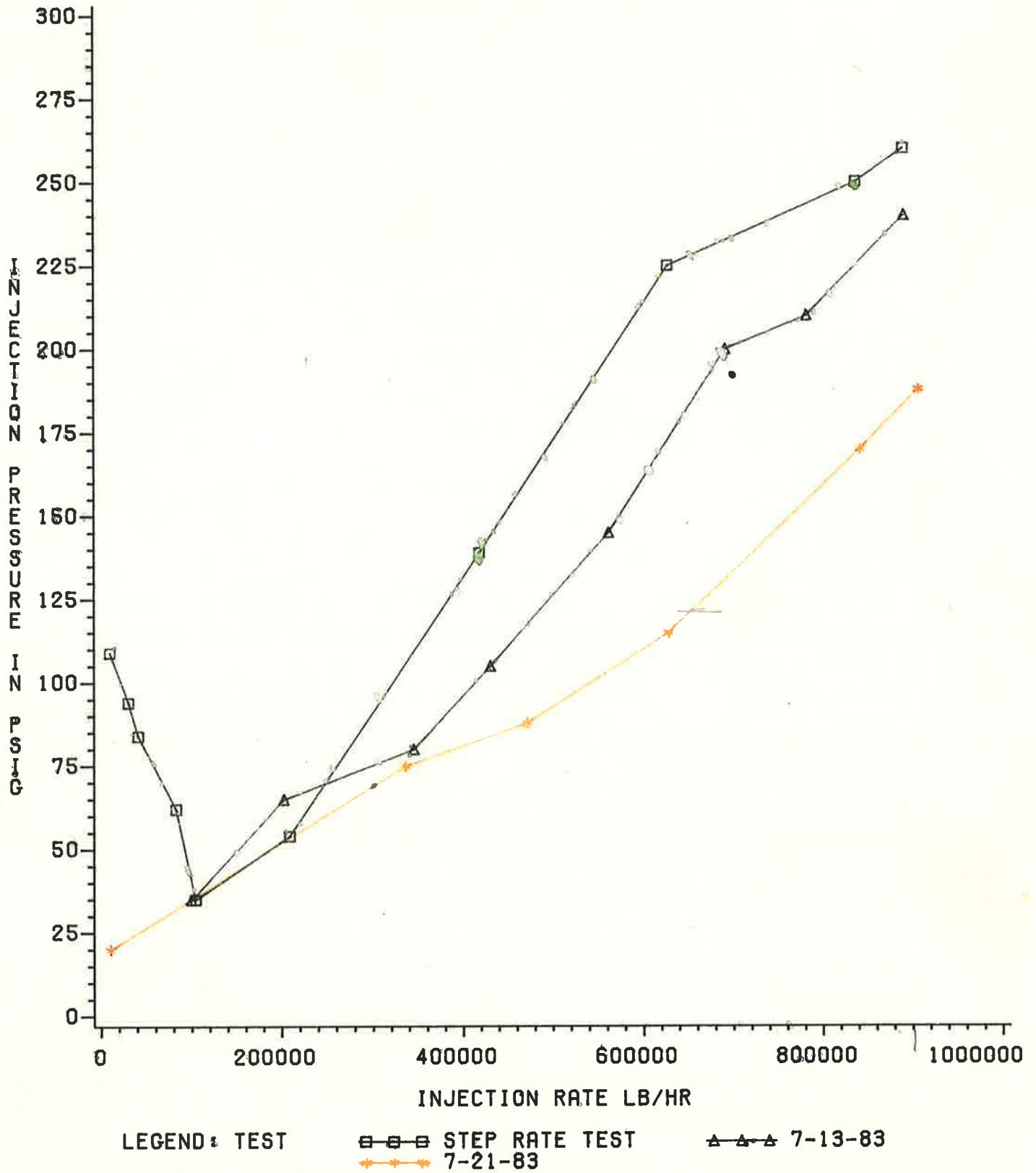
2/8/85 - ~~12-35~~ 14-2

■ STEPRATE TESTS (LAST POINTS 14-2 & 82-33 PROJECTED)  
 ■ FLOWTEST 7/20/83

MAP 1/10/

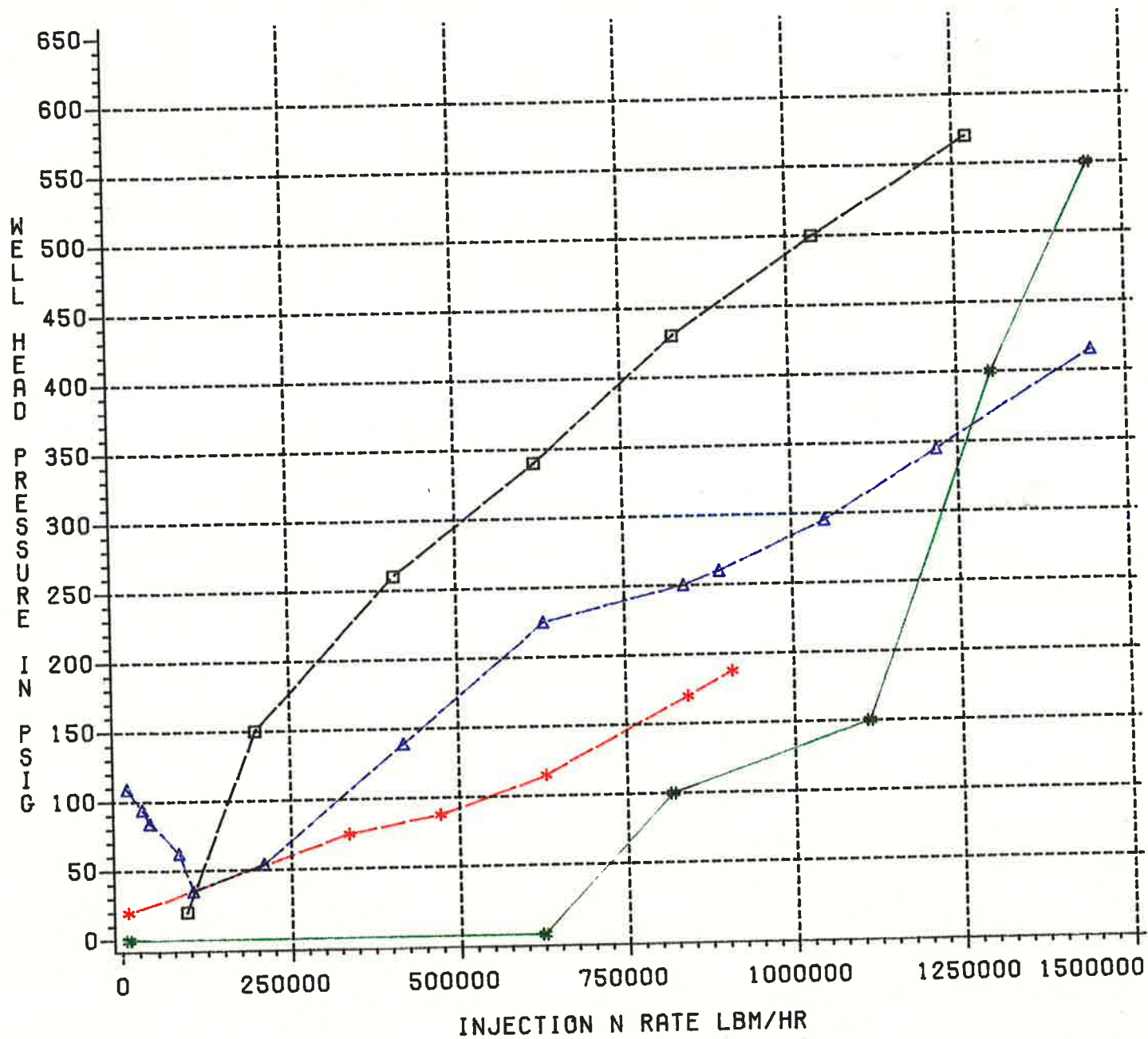
# ROOSEVELT HOT SPRINGS

WELL 14-2 INJECTION DATA



# ROOSEVELT HOT SPRINGS

## INJECTION PERFORMANCE



LEGEND: TEST

■-■-■ RHSU #12-35 \*  
 \*-\*-\* RHSU #14-2 \*\*

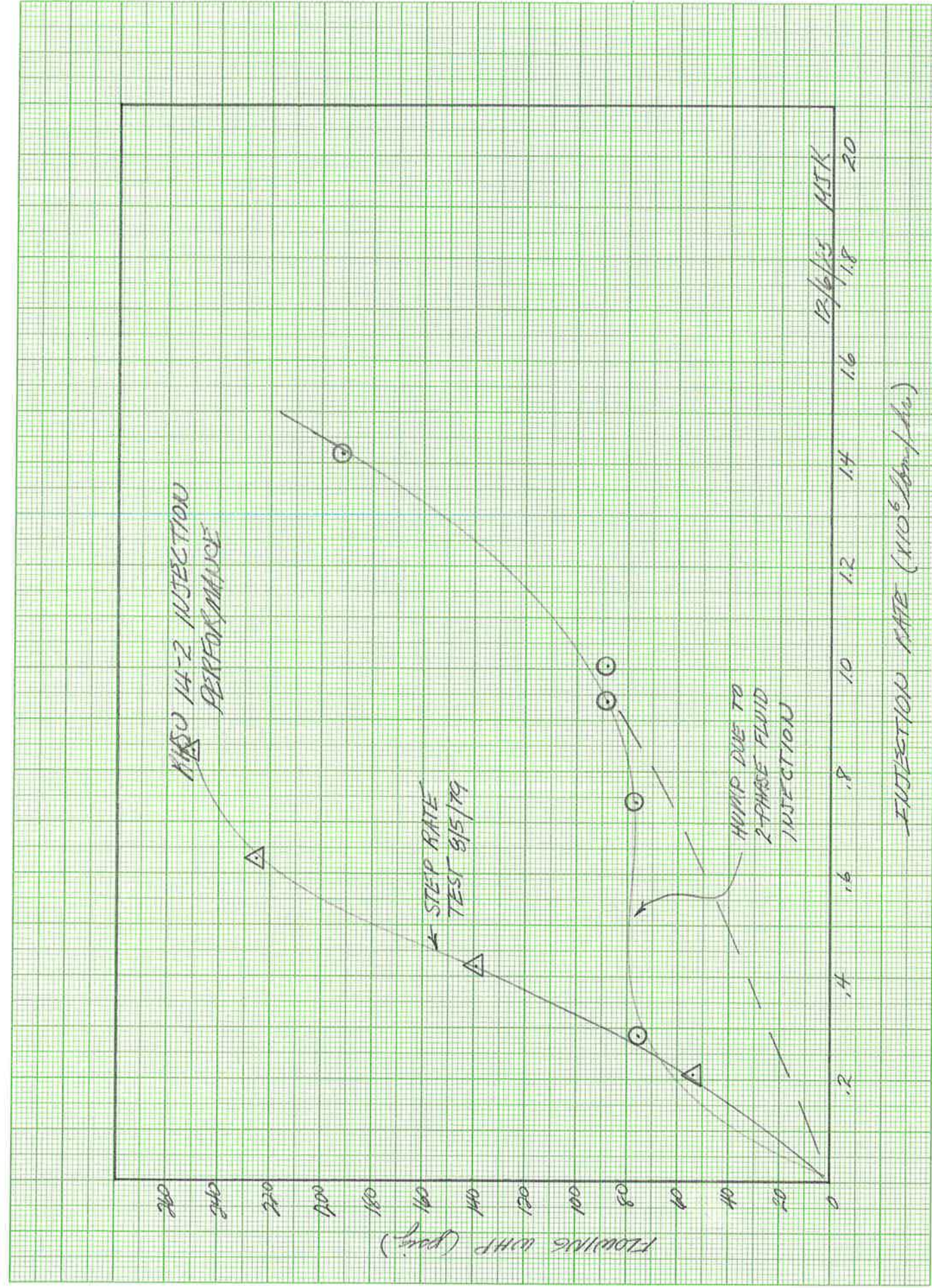
▲-▲-▲ RHSU #14-2 \*  
 \*-\*-\* RHSU #82-33 \*

\* STEP RATE TESTS (LAST POINT ON 14-2 & 82-33 PROJECTED)  
 \*\* FLOWTEST 7/20/83











# NOTEGRAM-TELEGRAM

IF TELEGRAM  
COMMUNICATIONS CODE

PRIORITY	3	2	1

To

Group or  
Staff

Date

From

Group or  
Staff

Address

Address

from morning reports

Date

WHP

Flow

12/2/85

192

142,800

11/26

88

107,5300

11/11

88

935,500

11/28

77

745,500

11/27

78

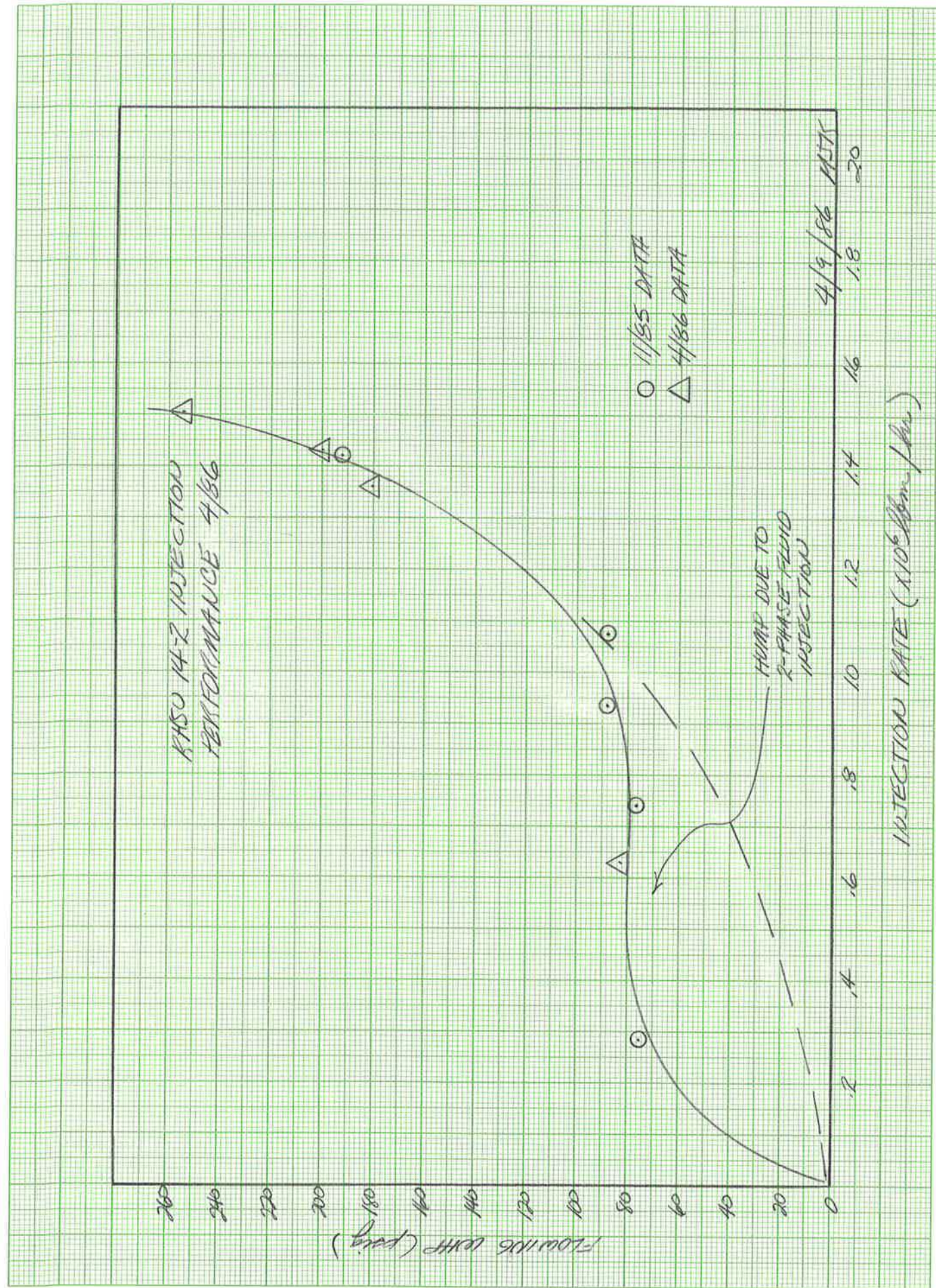
286,900

Form 40-S 5-78

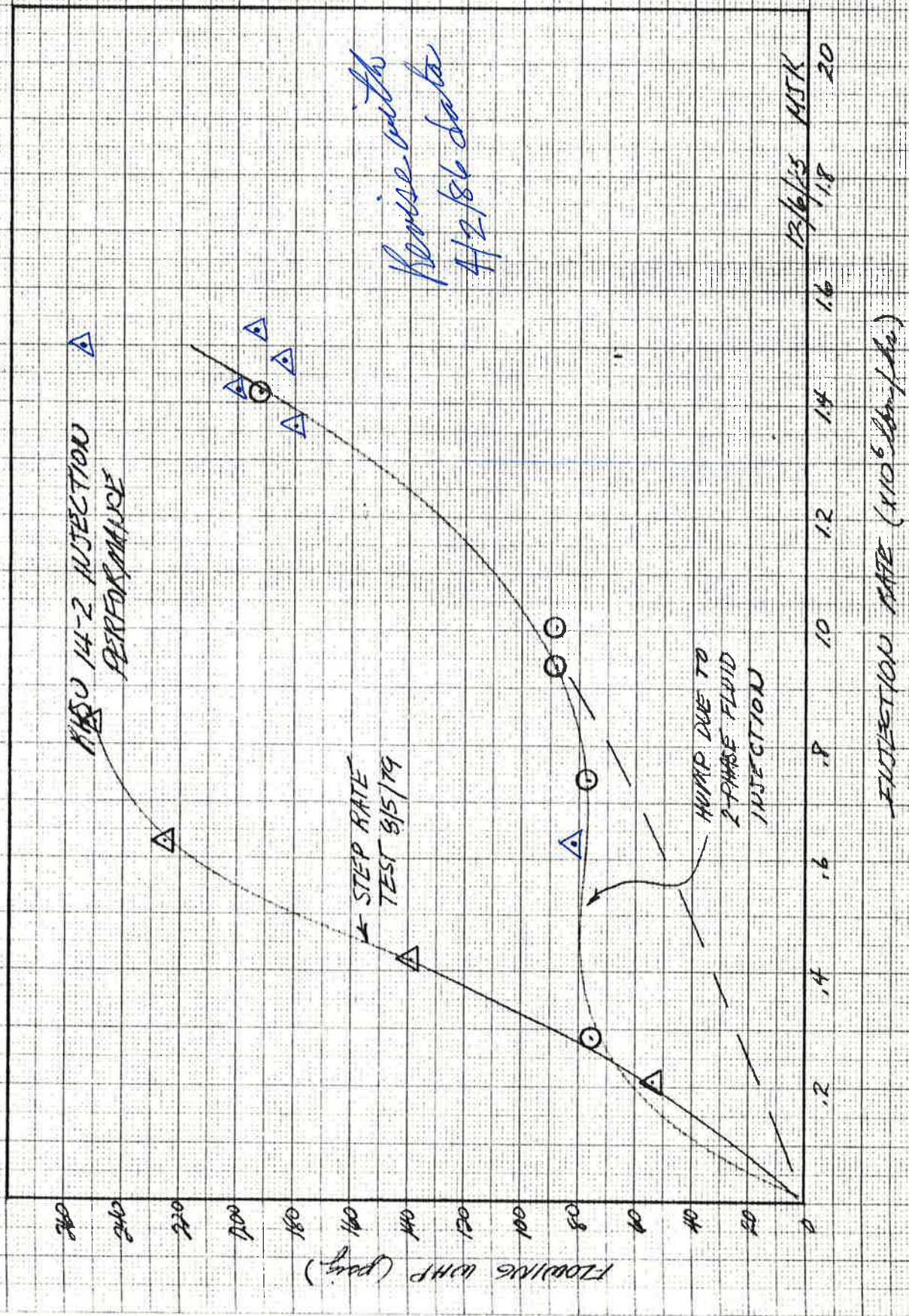
IS THIS MEMO REALLY NECESSARY?

Printed in U.S.A.











14-2

Time	WHP	WHT	Flow
1100 4/2	192	312	<del>1531.1</del> 1530.1
0100 4/3	183	300	1474.6 1509.5
0200 4/3	200	325	1429.5 1507.1
0400 4/2	255	330	1503.9
1300 4/2	83	316	629.2
1200 3/31	180		1357.5



RHSU 14-2

Injector Performance after  
62-33 reperforation conducted  
12/11/85

<u>Date</u>	<u>Time</u>	<u>flowrate</u>	<u>WHP</u>
12/20/85		631,600	85
12/31/85		1,137,000	78
12/28/85		1,396,500	155
1/1/86		1,431,300	157



