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DEC 20 '89

Q. C. D.
ARTESIA, OFFICE



Chevron U.S.A. Inc.
P.O. Box 670, Hobbs, NM 88240

R. C. Anderson
Division Manager
Production Department
Hobbs Division

December 19, 1989

EDDY "D" FEDERAL COM NO. 1
SECTION 20-T18S-R31E
EDDY COUNTY, NEW MEXICO

Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
P.O. Drawer DD
Artesia, New Mexico 88210

Attn: Mike Williams, Division Supervisor

Dear Sir:

Attached is the requested information on the Eddy "D" Federal Com. #1 in reference to the recent packer leakage test failure and subsequent leak repair requirement dated November 30, 1989.

Chevron is continuing to explore any and all feasible options to comply with Oil Conservation Division regulations while trying to conserve our remaining recoverable reserves. Per your December 19, 1989 telephone conversation with Jim Tupman, no temporary or permanent packer leak repair action will be taken prior to a response from your office. Your assistance and recommendations in this matter are greatly appreciated.

Should you require further information concerning this matter, please feel free to contact Jim Tupman at (505) 393-4121, Ext. 284.

Yours very truly,

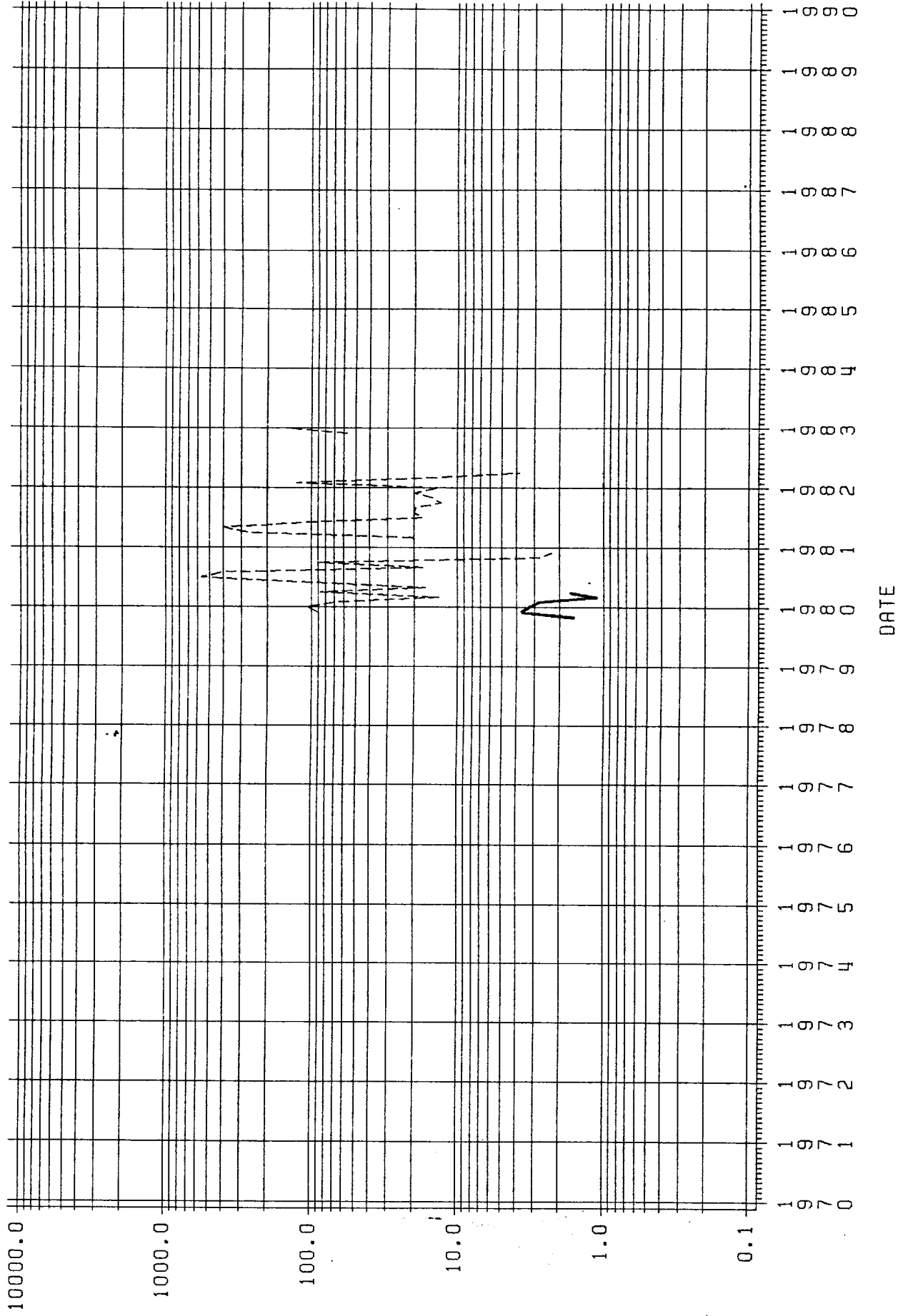
R. C. Anderson
R. C. Anderson

JMT/sad 12199/02

RATE VS. TIME PLOT

FD=SHUGART NORTH LS=EDDY 0 FEDERAL COM WELLNO=001 0P=CHEVRON U.S.A. INC.

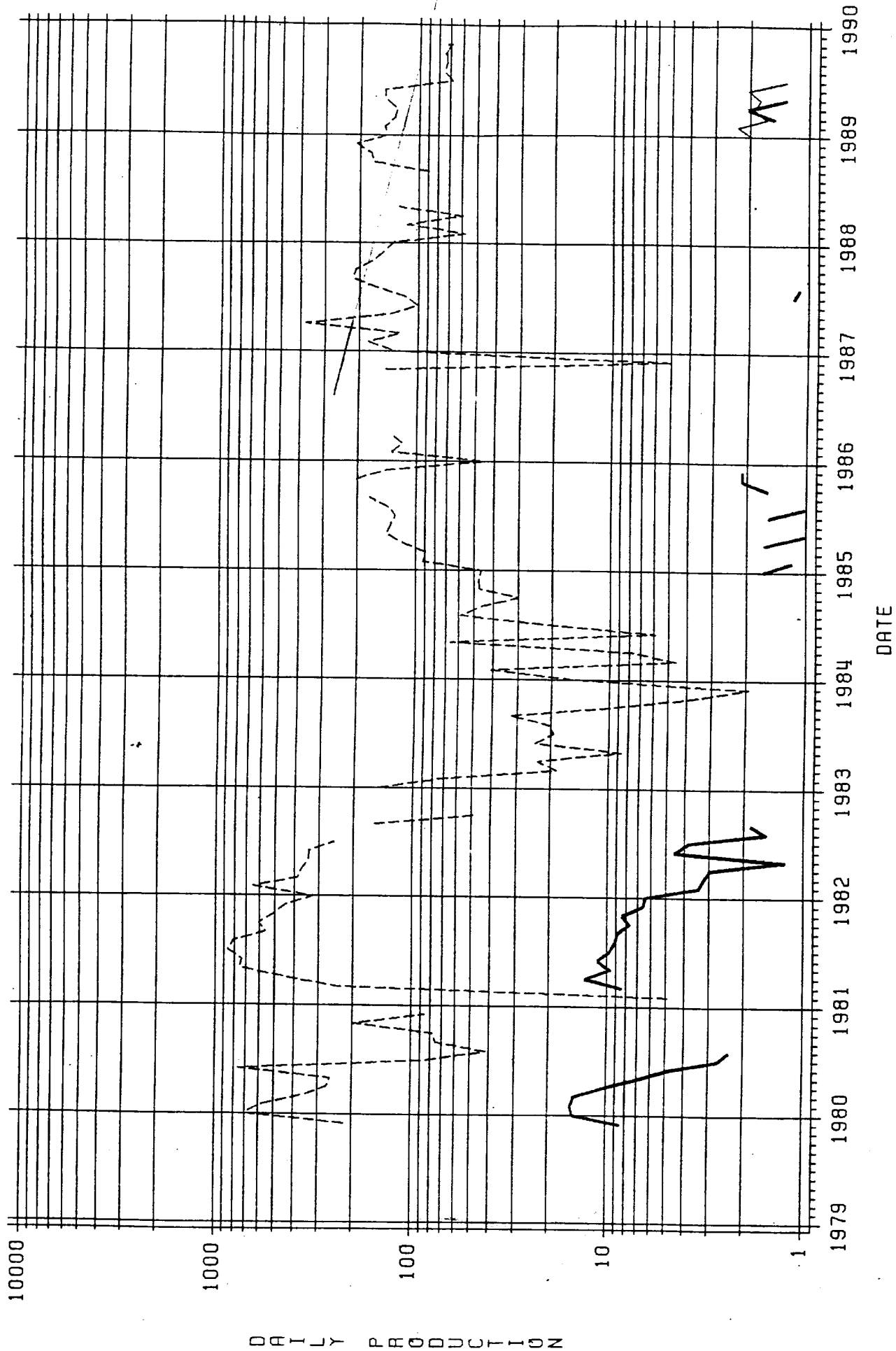
DAILY PRODUCTION



HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFO

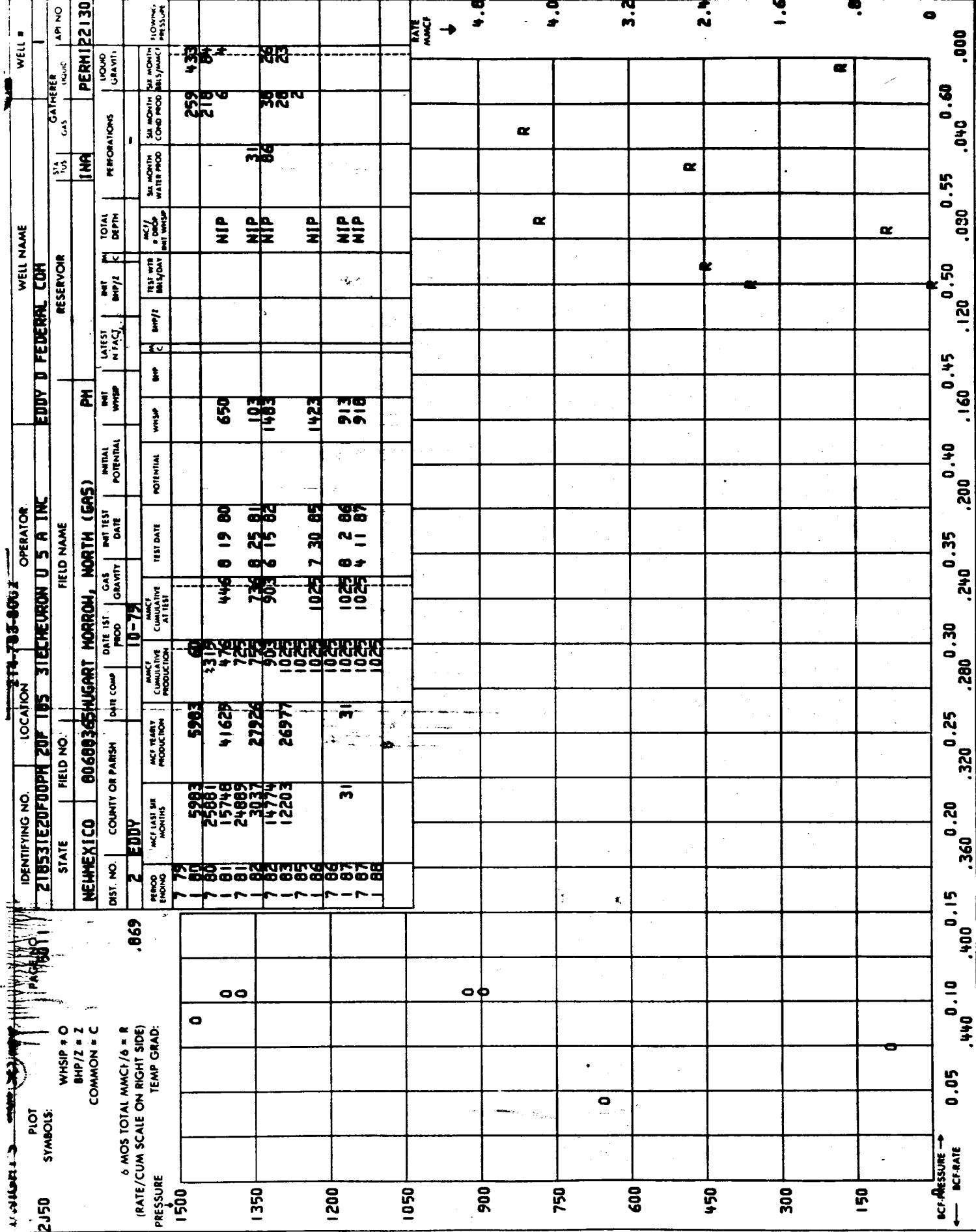
ATOLLA

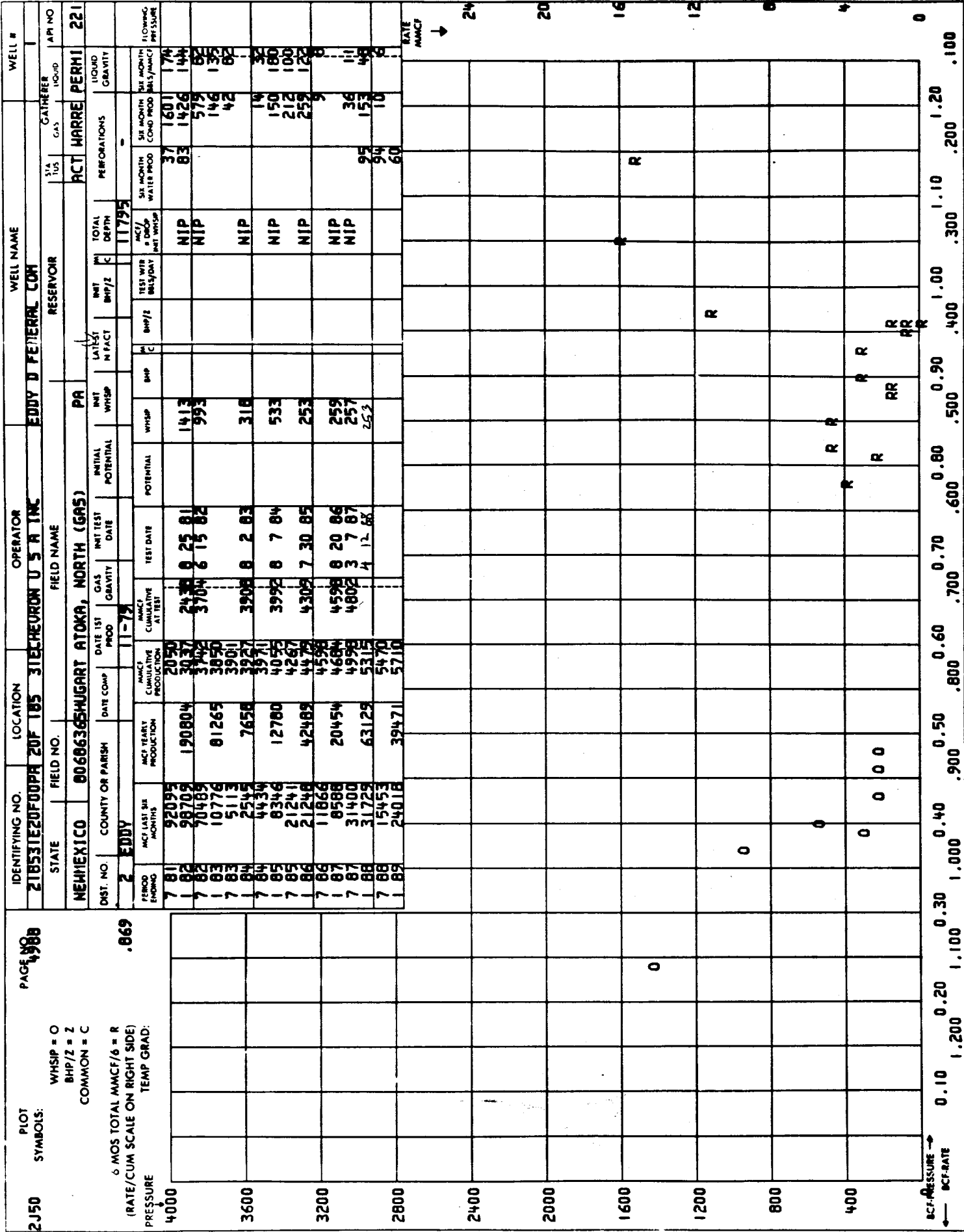
FD=SHUGART NORTH LS=EDDY D FEDERAL COM WELLN0=001 OP=CHEVRON U.S.A. INC.



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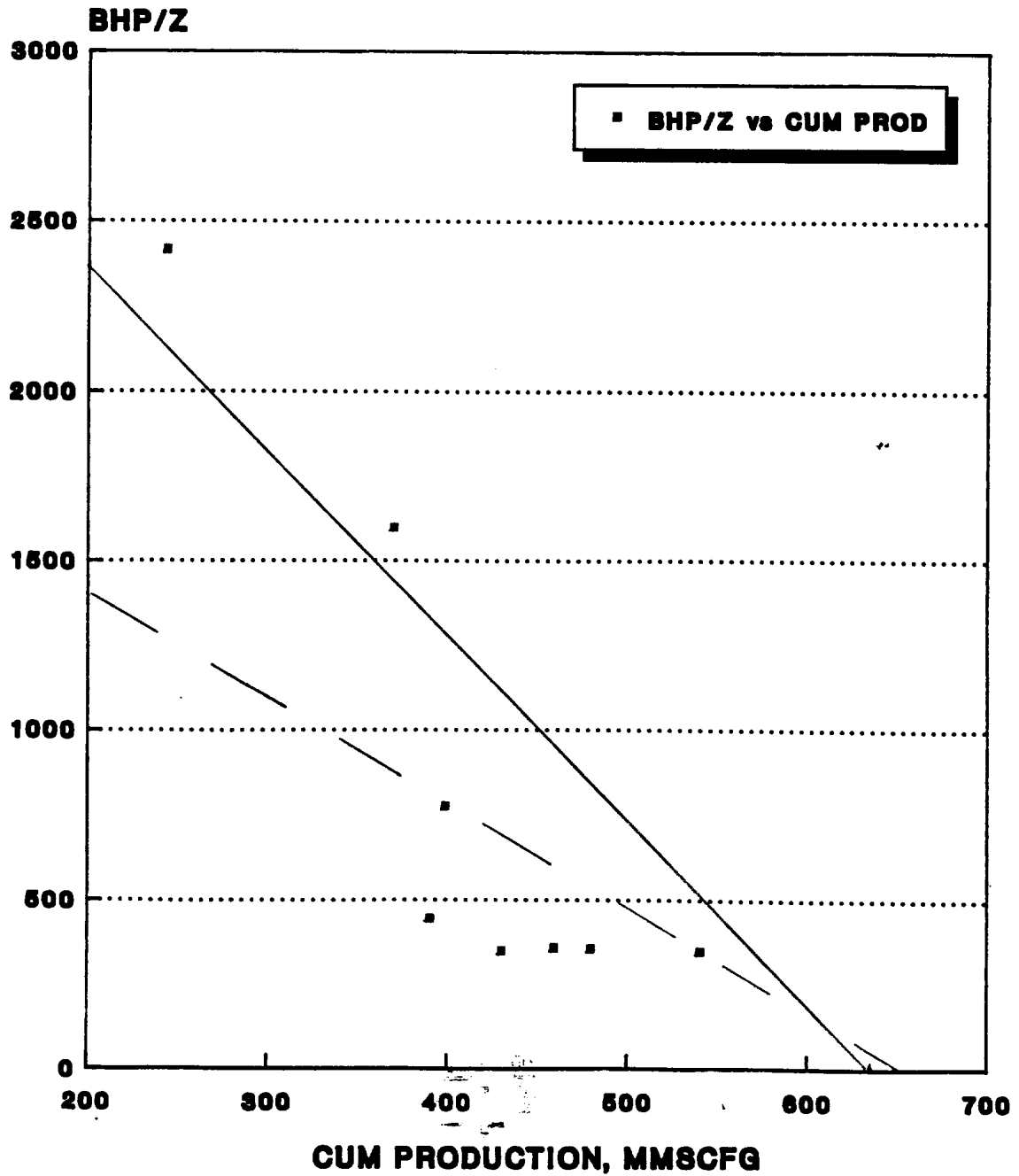
214-783-8002





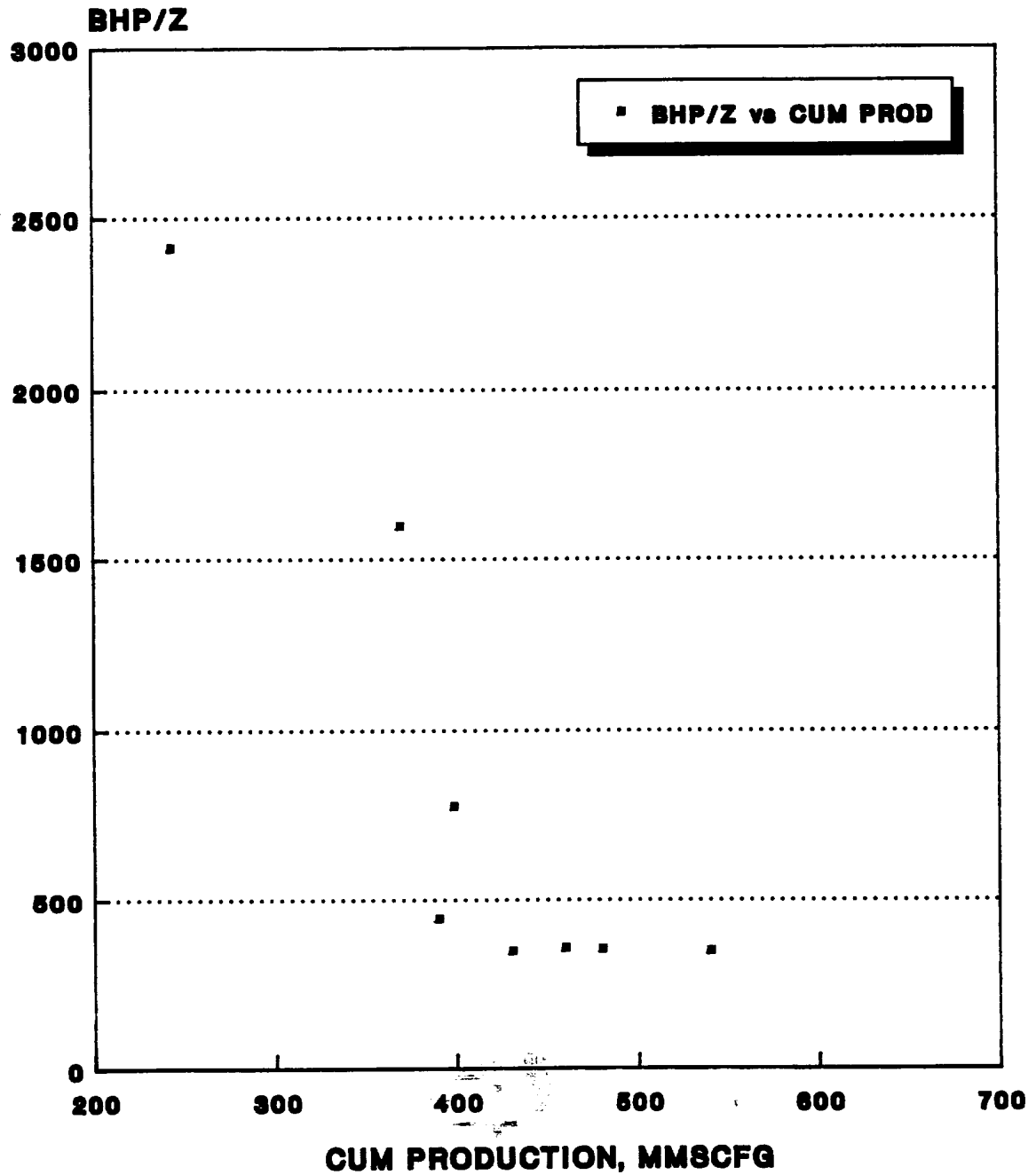
EDDY "D" FEDERAL # 1

BHP/Z vs CUM PRODUCTION



EDDY "D" FEDERAL # 1

BHP/Z vs CUM PRODUCTION



NORTH SHUGART MORROW
NORTH SHUGART ATOKA (EDDY, NM)
Eddy "D" Federal Com #1
AFE: None None
GI: 44.31%

FEB 03 1981

11,748' PB (Set Comp) Start compresso
on Atoka & Morrow. Atoka TP 100#,
217 MCF, LP 600#. Morrow TP 100#,
0 MCF, LP 600#. LISENBEE
OFF REPORT

Lease Coldy L. Shady Corn. Well No. 1 Pool N. Shuggant Morrow
Location 1980 F.W.L. 1980 F.W.L. Sec 20-185-31 E County Coldy State N.H.
UNIT "F"

GLE: 3633'

KDB:
H = 20'

New well Completion

Initial Comp. Date: _____

Producing Formation: _____

Proposed

Zone	Comp. Date	Date Aband

Treatment History: (Current Zone) _____

13 3/4" 61 3/4" J-55 3/4" 4"
Set @ 520' w/ 550 SPS
TUC ?

Dutail @ 1035'

Lynes CSg. PKR. @ 1084'

9 7/8" OD ? # Grade ?

Set @ 4505' w/ 2 sxs

Top of Cmt @ ? by:

1st stage 1600 sps Howco
Lite & tailed w/ 900' H. Nent.
Circ. 300 sps 1st stage Cmt.

2nd stage

Set external PKR. No Flow
Cmt w/ 100" C. Nent.

2 3/8" 4.7# N-80 8rd th.
w/ 60' - 3 1/8" Blast joints across
Atoka Perfs.

2 3/8" 4.7# N-80 CS-Hydri 1
2 3/8" N-80 8rd sub w/ 1
1.791" profile nipple below
Dual PKR. on SS side to set
PKR. with. Note: 2 3/8" 8rd P.W. X 2 3/8" CS-Hydri 1 box XO Required on
bottom & 2 3/8" CS-Hydri 1 X 2 3/8" 8rd double pin sub
Required on top.

8.5# packer 5 fluid.
2% KCL FW w/ additives

Producing History: _____
Formation: _____

OT's "RDH" Dual packer @ apx
11,050' w/ 1.791" profile nipple
5" latch on stinger.

Atoka perfs 11,114' - 11,144'
w/ 1/2" THPE

Month or Year	Oil	Wtr	Gas

Last Test Dated: _____

BOPD BHPD

FL: _____ Calc. Ppg. Eff: _____

OT's "WB" packer @ apx. 11,500' w/ 5" latch
seal assembly (rt hand) & long left hand release ON-OFF tool
w/ 1.791" profile

Cum. Oil _____ Cum. Gas _____

Morrow Perfs 11,551-555, 11,572-
584, 11,605-617 & 11,632-640 w/ 1/2" THPE

7" OD 23 1/2" Grade 5-95' N-80

Set @ 11795' w/ 250 sxs "H"

Top of Cmt @ 9950 by TS

CSg from bottom up.

Dst #1 11,024' - 140'
ISI = 3308"

1433' 26" 5-95
10339' 23" N-80 1st sc

Dst #2 11,538' - 580'
ISI = 4997"

Plug pumped w/ 9.0# water

Dst #3 11,541' - 572'
ISI = 4890"

Prepared By: R. W. Weller

Date: 7-19-79

OTIS COMPLETION GUIDE



OTIS ENGINEERING CORPORATION

GENERAL OFFICE: 1000 MAIN STREET, NEW YORK, N.Y. 10020
 P.O. BOX 1400, DALLAS, TEXA 75201

A HALLIBURTON Company

PREPARED FOR MR. Worley	COMPANY Gulf Oil	TELEPHONE	DATE 7/23/79
FIELD NAME W.C.	WELL NAME Eddy "D" Com. #1	COUNTY Eddy	STATE TX

CASING SIZE 7"	WEIGHT 20 to 26 #	GRADE	THREAD	DEPTH 11,900'
LINER SIZE	WEIGHT	GRADE	THREAD	DEPTH

☐ SAFETY EQUIPMENT
 ☐ GAS LIFT EQUIPMENT
 ☒ PACKERS AND ACCESSORIES
☐ COMPLETION EQUIPMENT
 ☐ POST COMPLETION EQUIPMENT

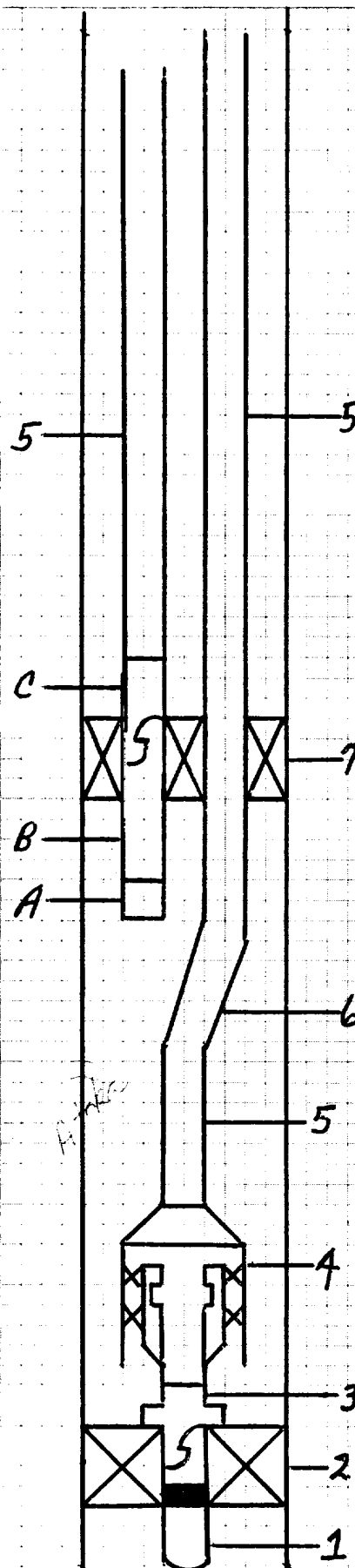
TUBING SIZE UT	MT	LT	DESCRIPTION OF EQUIPMENT AND SERVICES	ESTIMATE
THREAD				

1. ~~Shear Disk~~
2. Otis 7" 20 to 26 # Perma-Drill Packer (6.06 O.D. X 3.25 I.D.) (212WB 7011) 1,326.00
3. Otis J-Latch Seal Unit
 - (a) J-Latch (212B 7068) 455.00
 - (b) Seal Units 2 (212EB 7004) *181.00 326.00
 - 2 3/8 EUE P. in down N.
4. Otis 7" X 2" Over Shot Tubing Seal Divider w/ 2" N-Nipple Profile with 1.791 No. Go (212SD 7053) 2,335.00
5. Customer 2 3/8 EUE N-80 Tubing
 5' 2 3/8" CS-Hydril thru SS side w/ X-O's
6. Customer Blast Joints
7. Otis 7" 20 to 26 # Dual Hydraulic Packer Screwed on long string, J-Latch on the short string. Short string set with 1.94 I.D. on both strings (12RDH 7013) 5,172.00
- A. 2 3/8 EUE Otis N-Nipple w/ 1.791 No Go (11N12) 341.00
- B. 2 3/8 EUE x 6 ft N-80 Pup Joint
- C. Otis J-Latch Seal Unit

TOTAL ESTIMATE **10,155.00**

COMPLETION PROCEDURE

PREPARED BY Ernest Stearnes	OFFICE Hobbs	TELEPHONE 392-7581
WELL NAME Eddy "D" Fed Com #1	FIELD NAME WC.	DATE 7/23/79



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