



PETROLEUM PRODUCTS

TEXACO
U.S.A.
A DIVISION OF TEXACO INC.
P. O. BOX 728
HOBBS, NEW MEXICO 88240
(505) 393-7191

June 29, 1982

OK/S

DOWNHOLE COMMINGLING

G. L. ERWIN "A" FEDERAL WELL NO. 2
UNIT K, SECTION 35, T-~~25~~-S, R-37-E
LEA COUNTY, NEW MEXICO 24

State of New Mexico
Department of Energy and Minerals
Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico, 87501

Attention: Mr. Michael E. Stogner
Petroleum Engineer

Gentlemen:

Texaco Inc. respectfully requests Administrative approval to commingle production from the Justis Blinebry, Justis Tubb-Drinkard, and Justis Devonian, North pools in the wellbore of the G. L. Erwin "A" Federal Well No. 2 in accordance with NMOCD Rule 303-C. The Justis Devonian, North and Justis Tubb-Drinkard have previously been approved for downhole commingling.

This well meets all prerequisites for downhole commingling, as described in NMOCD Rule 303-C,1 (a-h). The ownership of these zones is common, including working interest, royalty, and overriding royalty. These zones have been surface commingled on this lease and no incompatibility of the fluids has been found.

Allocation of these oil zones will be as follows: 75% to Justis Blinebry, 12.5% to Justis Devonian, North, and 12.5% to Justis Tubb-Drinkard.

State of New Mexico
Dept. of Energy & Minerals

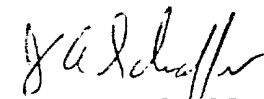
- 2 -

June 29, 1982

All Offset Operators (list attached) and the United States Geological Survey have been notified of this application by copy of this letter.

Yours very truly,

TEXACO INC.
PRODUCING DEPARTMENT-UNITED STATES



J. A. Schaffer
Assistant District Manager

RSP:JEB

Attachments

Copy to: Department of Energy & Minerals ✓
Oil Conservation Division
Post Office Box 1980
Hobbs, New Mexico, 88240

United States Geological Survey
Minerals Management Service
Post Office Drawer 1857
Roswell, New Mexico, 88201
Attention: Mr. Armando Lopez

Offset Operators
(List Attached)

WOOLWORTH UNIT
AMERADA 709

Texoco
NCT-1

Contl.
5-B

C.C. Fristoe-U.S.

"Jock"

U.S.

C.C. Fristoe

Texoco

"A"

II

6

NCT-1

Texoco

"B"

NCT-2

125

127

V.H. Westbrook
John Williams

131

121

8

1

10

C.C. Fristoe

U.S.

C.C. Fristoe

U.S.

Robt. L. Parker, Trust

Texoco

"B"

NCT-2

151

Tenneco
R.L. Mosley

152

161

2

5730'

164

Reading B.B.
Mosley

1

Texoco

G.L. Erwin

U.S.

G.L. Erwin

Texoco

7

"A"

NCT-2

Getty

"BB"

2

Shell

"JP"

2

Shell

"JM"

2

Amerada

"NJA"

3-A

1-A

PRODUCING WELL

INJECTION WELL

(Dual Jalmat Gas & Langlie-Mattix)

C. C. FRISTOE "A" NCT-1 BOUNDARY

TEXACO Inc.
FRISTOE "A" WATERFLOOD
LANGLIE MATTIX (7 RIVERS QUEEN) POOL
LEACOUNTY, NEW MEXICO

DAT SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO Inc.
 Address: P. O. Box 728, Hobbs, New Mexico, 88240
 Lease and Well No.: G. L. Erwin "A" Federal Well No. 2
 Location: Unit K, Section 35, Township 25-S, Range 37-E

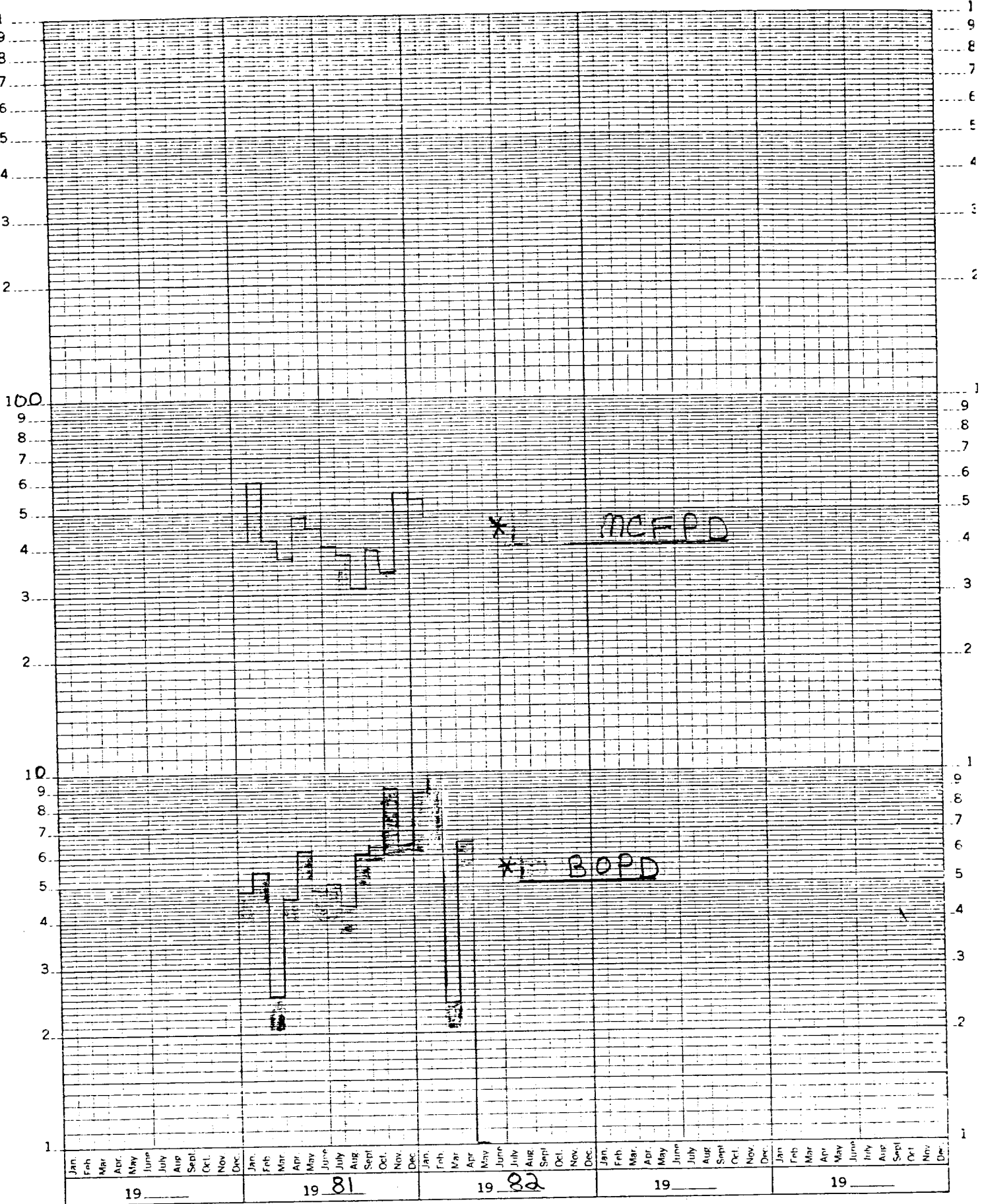
WELL DATA

	<u>Upper Pool</u>	<u>Middle Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Justis Blinebry</u>	<u>Justis Tubb-Drinkard</u>	<u>Justis Devonian, North</u>
Producing Method	<u>Flow</u>	<u>Pump</u>	<u>Pump</u>
BHP	<u>600</u>	<u>800</u>	<u>800</u>
Type Crude	<u>Sour</u>	<u>Sour</u>	<u>Sour</u>
Gravity	<u>37.4</u>	<u>35.2</u>	<u>35.2</u>
GOR Limit	<u>6000</u>	<u>6000</u>	<u>2000</u>
Completion Interval	<u>5293 - 5631</u>	<u>6025 - 6103</u>	<u>7076 - 7200</u>
Current Test Date	<u>SI-0</u>	<u>SI-0</u>	<u>SI-0</u>
Oil	<u>1 (4-02-82, Test)</u>	<u>1 (3-25-82, Test)</u>	<u>1 (3-25-82, Test)</u>
Water	<u>0</u>	<u>2</u>	<u>2</u>
GOR	<u>5333</u>	<u>2667</u>	<u>2669</u>
Selling Price of Crude - \$/BBL.	<u>30.61</u>	<u>30.28</u>	<u>30.28</u>
(Before Taxes)			
Daily Income - \$/Day	<u>0</u>	<u>0</u>	<u>0</u>

COMMINGLED DATA:

Gravity of Commingled Crude 36.3
 Selling Price of Commingled Crude - \$/BBL. 30.45
 Daily Income - \$/Day 334.95 (8 BOPD Increase estimated)
 Net (Gain) (~~Loss~~) from Wellbore Commingling - \$/Day 243.78
 based on current producing rates.

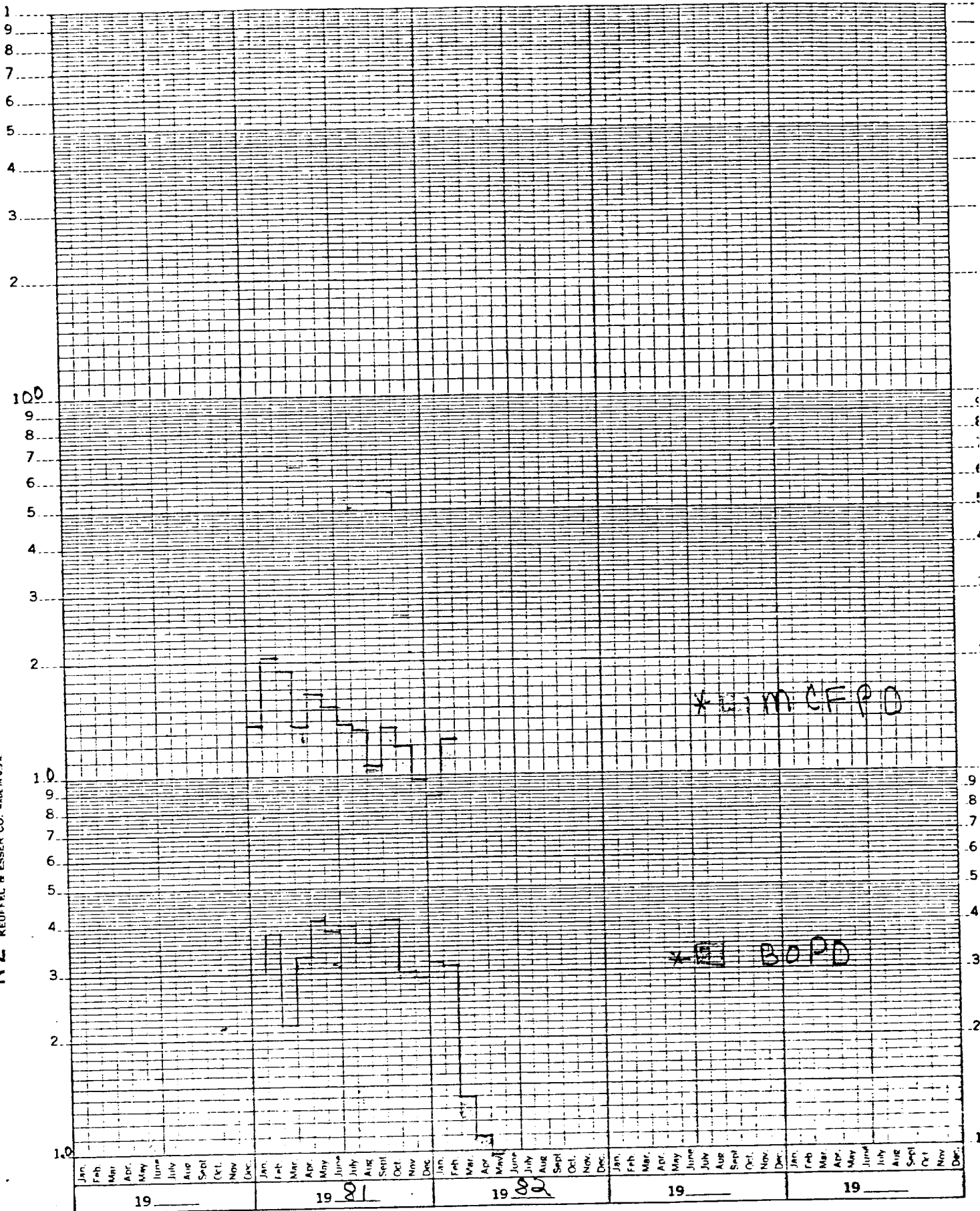
46 6690



Justis - Blinebry

46 6690

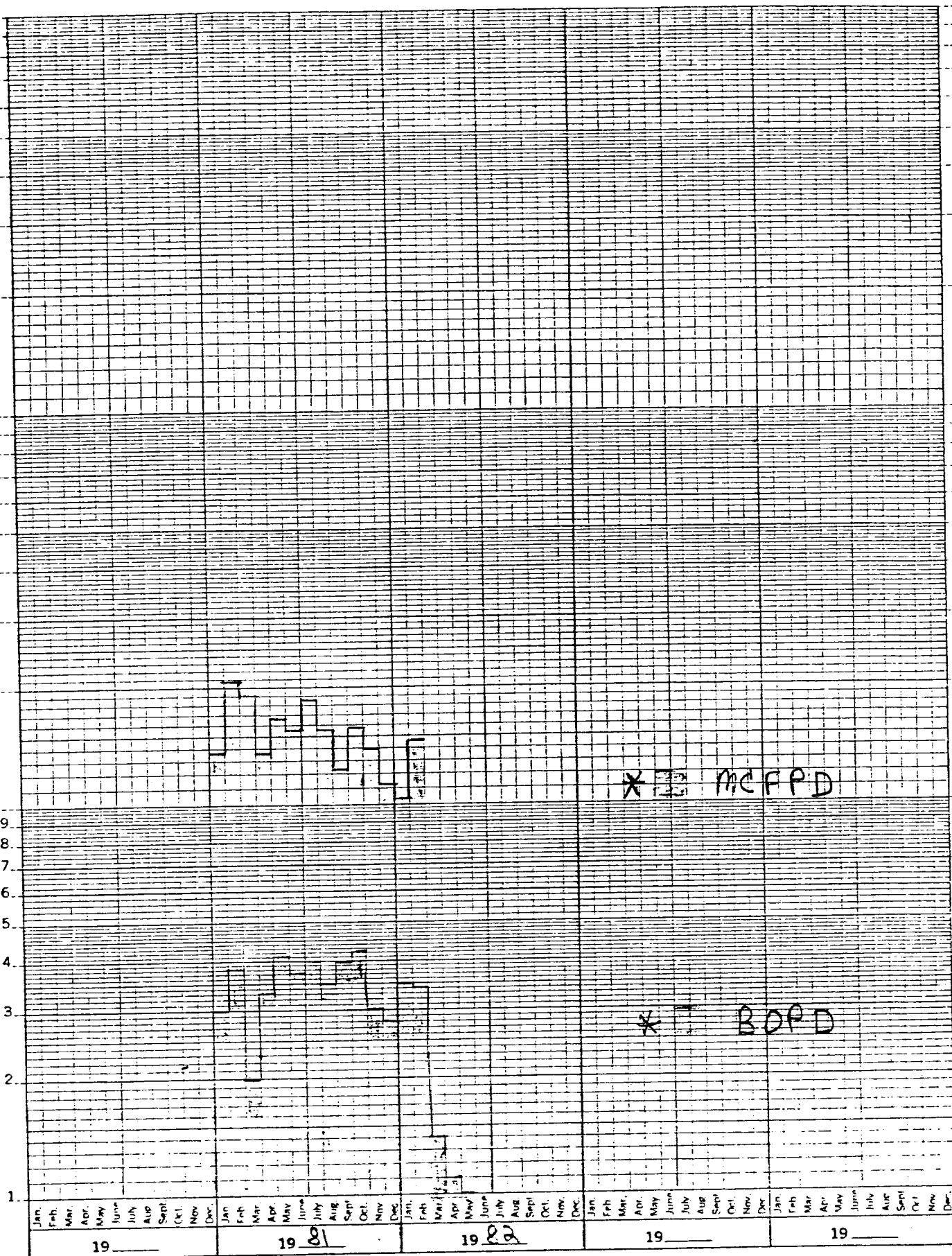
K-E 5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN USA



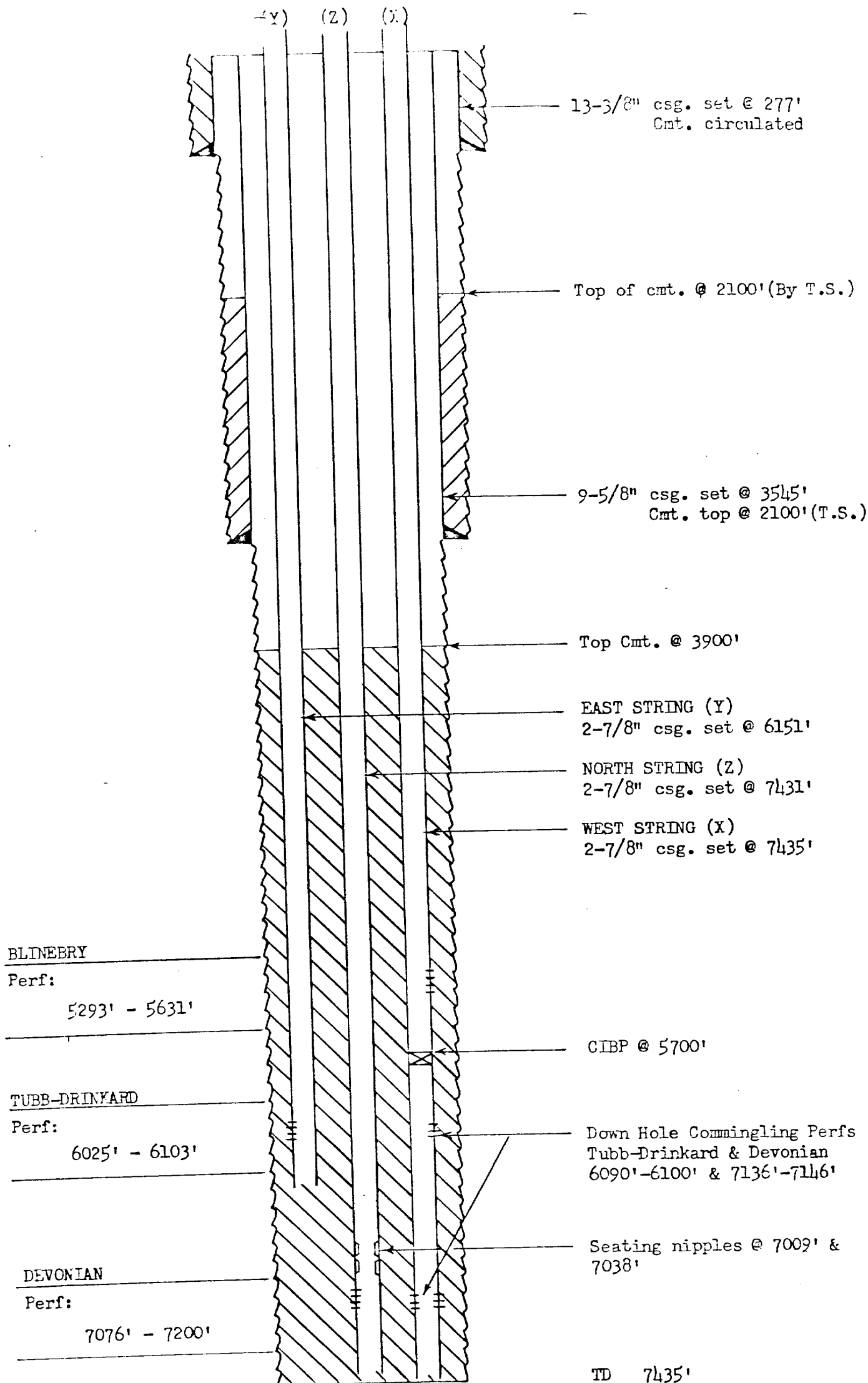
Justis Tubb-Orinkard

46 6690

K-E 5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



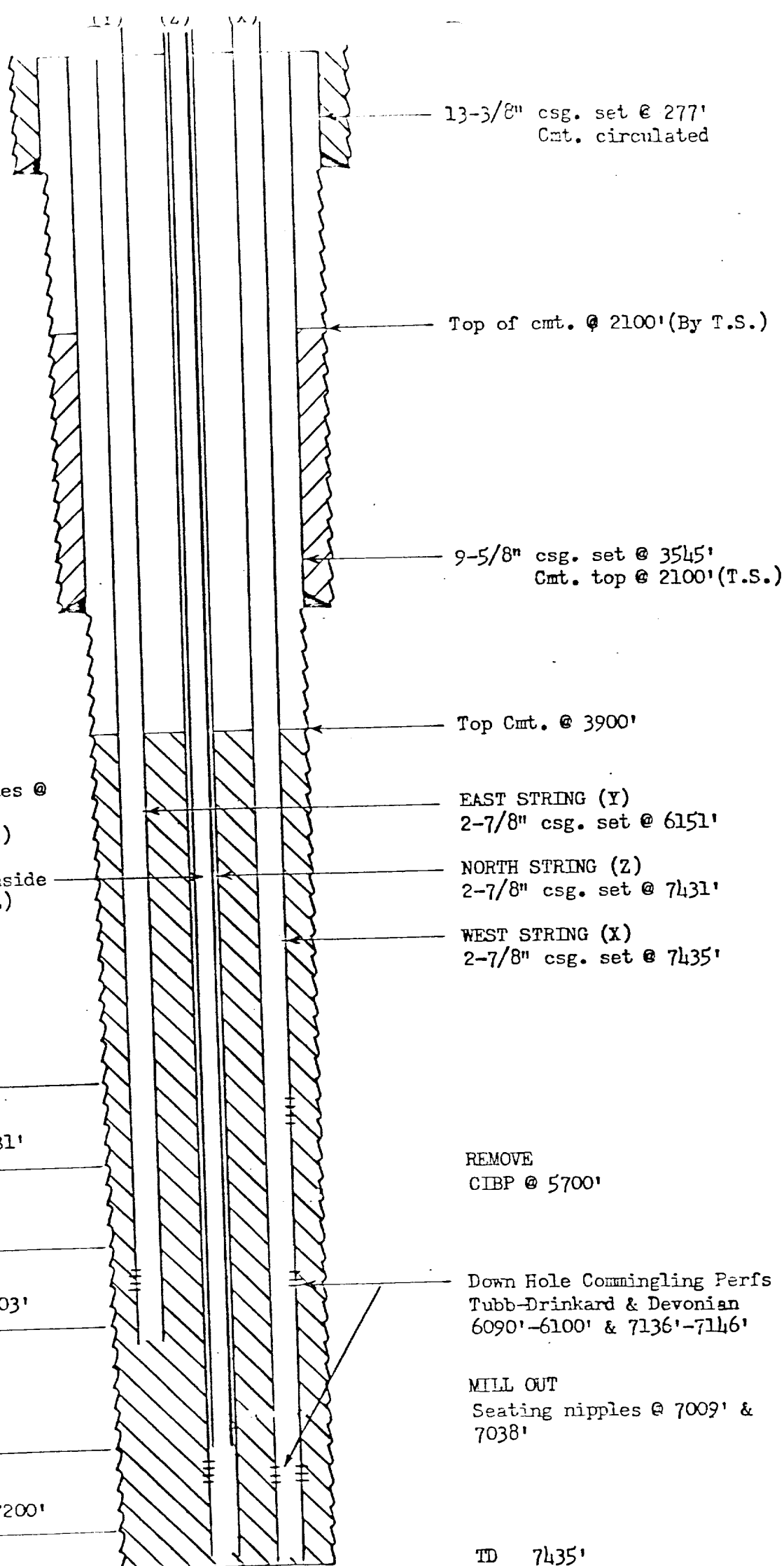
Justis- Devonian



PRESENT COMPLETION

TEXACO Inc.
G.L. ERWIN "A" FED. NO. 2
BLINEBRY, TUBB-DRINKARD
AND
DEVONIAN FIELDS
IEA COUNTY, NEW MEXICO

RSP/CRC 6-27-80



PROPOSED
DOWN HOLE COMMINGLING

TEXACO Inc.
G.L. ERWIN "A" FED. NO. 2
BLINEBRY, TUBB-DRINKARD
AND
DEVONIAN FIELDS
DEA COUNTY, NEW MEXICO

KSP/CRC 6-23-82

OFFSET OPERATORS

Getty Oil Company
Post Office Box 1231
Midland, Texas, 79702

Shell Oil Company
Post Office Box 576
Houston, Texas, 77001

Tenneco Oil Company
Post Office Box 2511
Houston, Texas, 77001

Reading & Bates Petroleum Company
9810 North Dixie Boulevard
Odessa, Texas, 79761

Parker, Robert L. Trust
3701 South Atlanta Place
Tulsa, Oklahoma, 74105