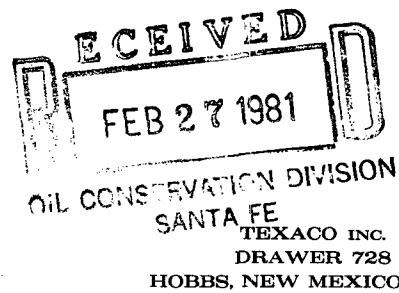




PETROLEUM PRODUCTS



February 24, 1981

DOWNHOLE COMMINGLING

G. L. ERWIN "A" FEDERAL WELL NO. 1
UNIT N, SECTION 35, T-24-S, R-37-E
JUSTIS TUBB DRINKARD AND 107
JUSTIS BLINEBRY FIELDS
LEA COUNTY, NEW MEXICO

State of New Mexico
Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico, 87501

Attention: Mr. Joe D. Ramey
Secretary-Director

Gentlemen:

Texaco requests Administrative approval to downhole commingle the Justis Tubb Drinkard and Justis Blinebry zones in the G. L. Erwin "A" Well No. 1 in accordance with NMOCD Rule 303-C.

This well meets all prerequisites for downhole commingling as described by NMOCD Rule 303-C-1 (a through h).

All Offset Operators (list attached) and the U.S.G.S. have been notified of this application by a copy of this letter. These zones have been surface commingled and downhole commingled on this lease and on other leases in these fields, and no incompatibility between the fluids has been found.

This is recycled paper

State of New Mexico
Dept. of Energy & Minerals

- 2 -

February 24, 1981

All data required by NMOC Rule 303-C,2, for Administrative approval to downhole commingle are attached.

Yours very truly,

TEXACO INC.
PRODUCING DEPARTMENT-WEST U. S.


J. A. Schaffer

Assistant District Superintendent

GDD:JEB

Attachments

Copy to: U. S. Geological Survey
P. O. Box 1157
Hobbs, New Mexico, 88240

Offset Operators
(List Attached)

DATA 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 No. 1

Location: Unit N; 330 Feet from the south Line and
2310 Feet from west Line of Section 35;
Township 24, Range 37; Lea County.

WELL DATA

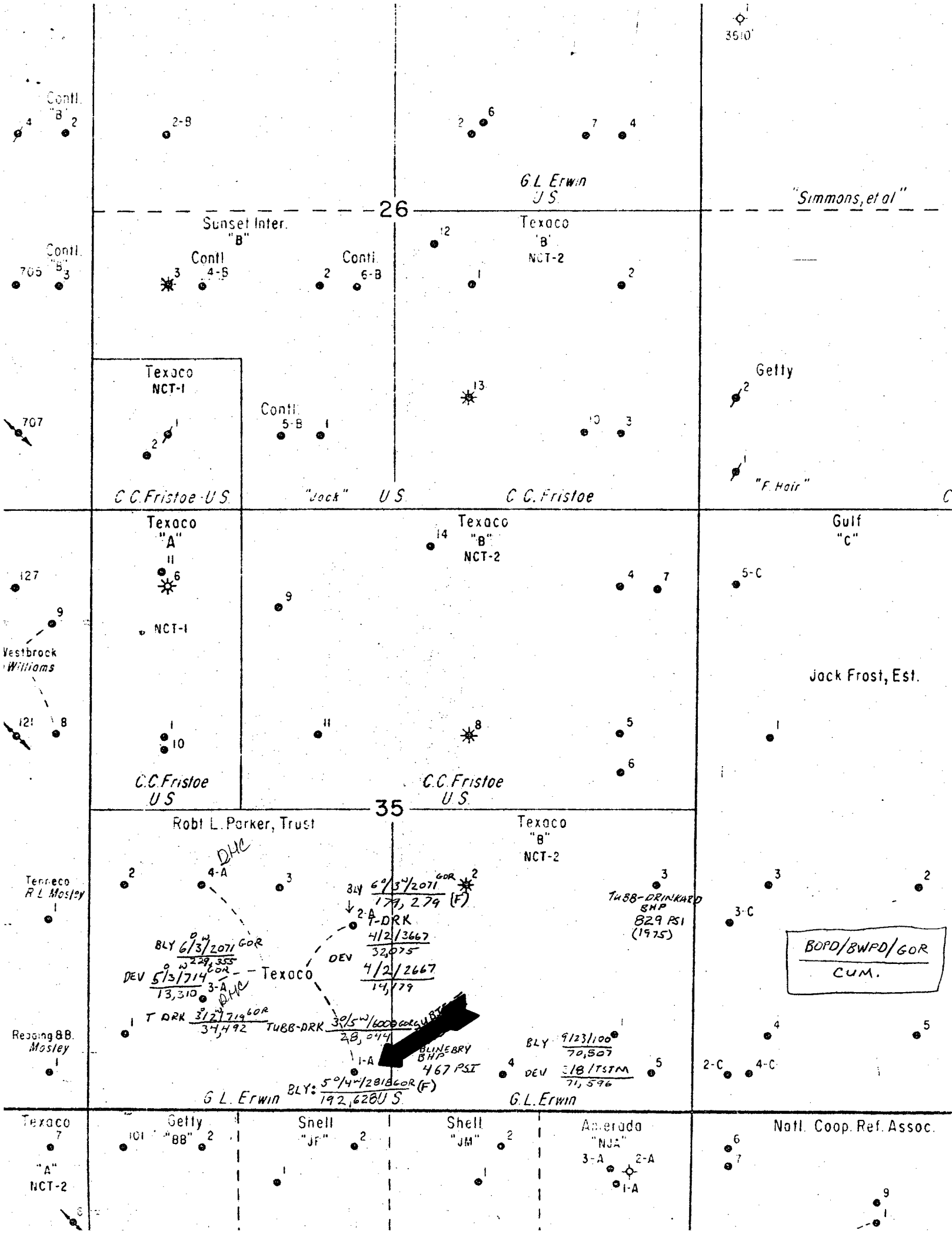
	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Justis Blinebry</u>	<u>Justis Tubb Drinkard</u>
Producing Method	<u>P</u>	<u>F</u>
BHP	<u>467</u>	<u>829</u>
Type Crude	<u>Sour</u>	<u>Sour</u>
Gravity	<u>37.4 API</u>	<u>37.4 API</u>
GOR Limit	<u>6000</u>	<u>6000</u>
Completion Interval	<u>5102'-5650'</u>	<u>5769'-6005'</u> <u>6027'-6110'</u>
Current Test Date	<u>12-5-80</u>	<u>12-14-80</u>
Oil	<u>5</u>	<u>3</u> Σ 8
Water	<u>4</u>	<u>5</u> 9
GOR	<u>2818</u> 44%	<u>6000</u> 56%
Selling Price of Crude-\$/BBL.	<u>35.94 (stripper)</u>	<u>35.94 (stripper)</u>
Daily Income - \$/Day	<u>179.70</u>	<u>107.82</u>

COMMINGLED DATA:

Gravity of Commingled Crude 37.4° API
Selling Price of Commingled Crude - \$/BBL. 35.94
Daily Income - \$/Day 718.80 (12 BOPD increase estimated)

Net (Gain) (Loss) From Wellbore Commingling - \$/Day - 0 -
based on current producing rates.

3510'



Contl.
"B"

4 2

2-8

2 6

7 4

G.L. Erwin
U.S.

"Simmons, et al"

26

Sunset Inter.
"B"

Contl.
"B"

705 3

Contl.
4-5

Contl.
6-B

Texaco
"B"
NCT-2

Texaco
NCT-1

707

Contl.
5-B

13

C.C. Fristoe U.S.

"Jack" U.S.

C.C. Fristoe

Gelly

"F. Hair"

Texaco
"A"

127

NCT-1

Texaco
"B"
NCT-2

Gulf
"C"

Vestbrock
Williams

Jack Frost, Est.

C.C. Fristoe
U.S.

C.C. Fristoe
U.S.

35

Robt L. Parker, Trust

Texaco
"B"
NCT-2

Tenneco
R.L. Mosley

1488-DRINKARD
SHP
829 PSI
(1975)

BLY 6/3/2071 GOR
DEV 5/3/714 GOR
T DRK 3/2/719 GOR
Texaco
3-A
TUBB-DRK 30/5-1/600 GOR
34,492

34 6/3/2071 GOR
171, 279 (F)
4-DRK
412/3667
32,075
4/2/2667
14,179
BLINEBRY
BHP
467 PSI
1-A
BLY 5/4-1/2818 GOR (F)
192,628 U.S.

BOPD/BWPD/GOR
CUM.

Reising 88
Mosley

BLY 9/23/100
70,507
DEV 3/8/175 TM
71,596

G.L. Erwin

G.L. Erwin

Texaco
"A"
NCT-2

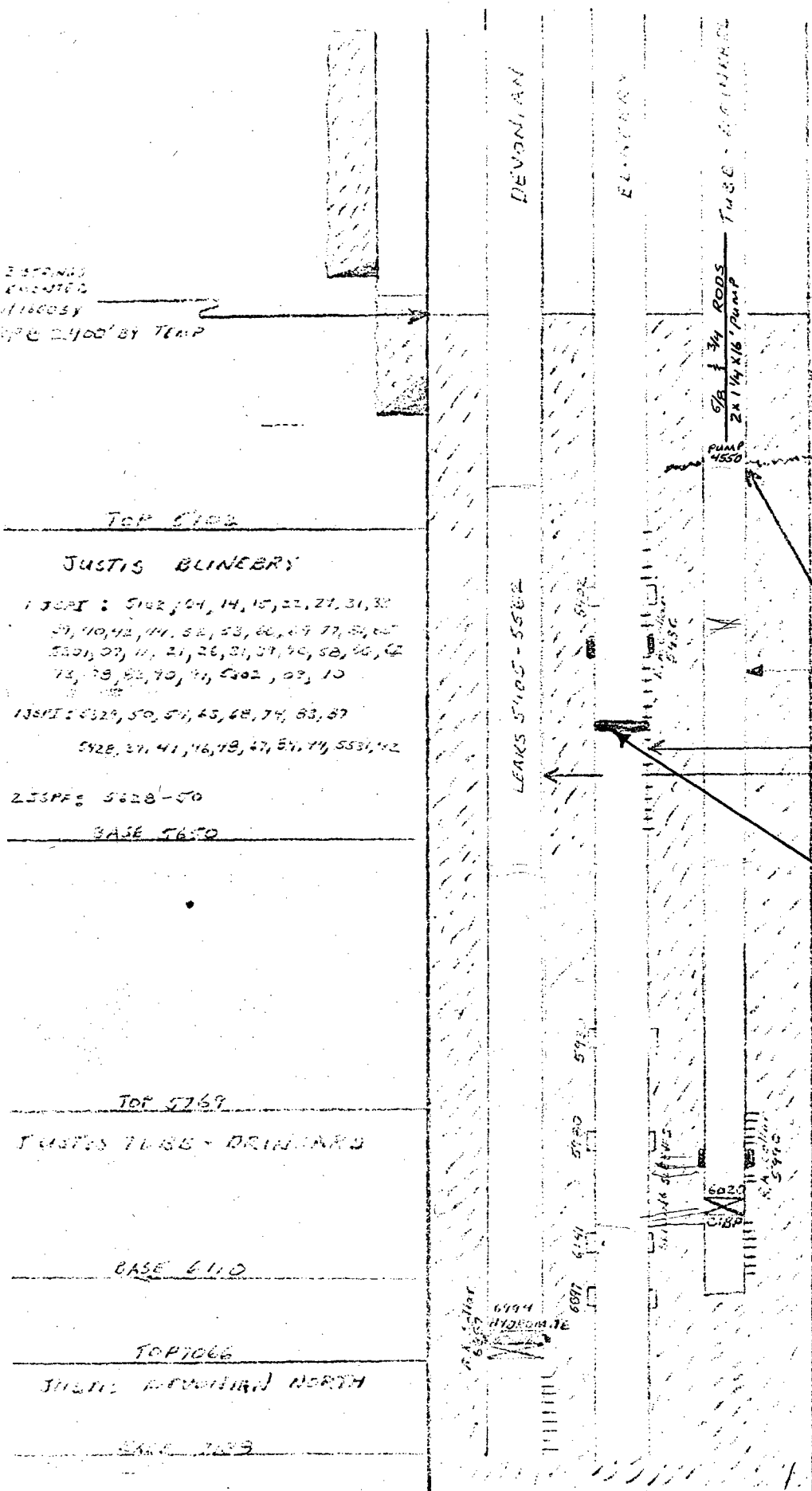
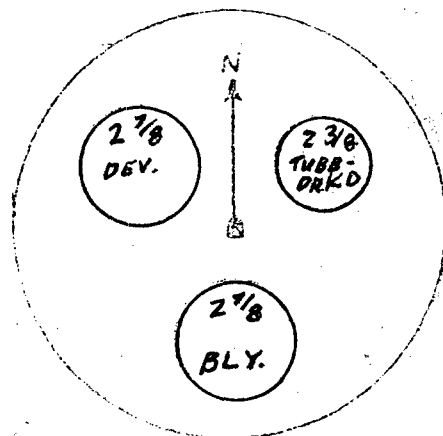
Gelly
"BB"

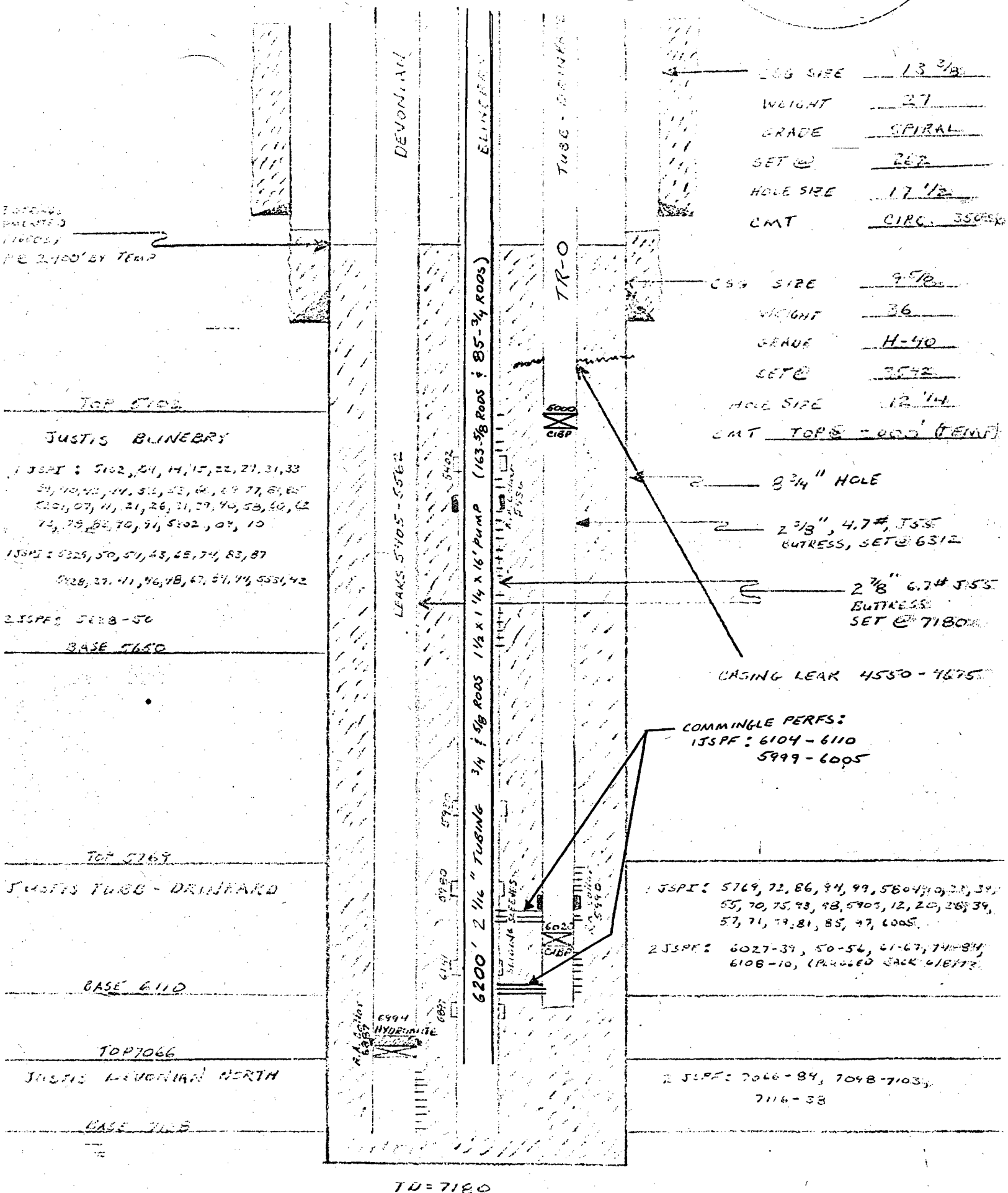
Shell
"JF"

Shell
"JM"

Amerada
"NJA"
3-A
2-A
1-A

Natl. Coop. Ref. Assoc.





G.L. ERWIN "A" FEDERAL No 1
PROPOSED WELLBORE DIAGRAM

Operator		Pool		County		Type of Test		Completion		Special	
TEXACO Inc.		Justis Tubb Drinkard		Tera		Scheduled ☒		Completion ☐		Special ☐	
Address		P. O. Box 728, Hobbs, New Mexico 88240		DATE OF TEST		CHOKES		T.B.G. PRESS.		DAILY ALLOWABLE	
LEASE NAME		WELL NO.		LOCATION		DATE OF TEST		CHOKES		T.B.G. PRESS.	
G. L. Erwin "A" Federal	Downhole Commingling Permit No. DHC-169	1	N 35	24S	37E	4-2-80	P			5	24
		2	K "			4-6-80	P			10	24
Downhole Commingling Permit No. DHC-169	Downhole Commingling Permit No. R-5050	3	M 35	24S	37E	5-22	P			12	24
		4	L 35	24S	37E	5-17	P			8	24
Downhole Commingling Permit No. DHC-258	G. L. Erwin "B" Federal NCT-2	5	I 35	24S	37E	5-10	P			59	24
		6	K 35	24S	37E	5-10	P			22	24
Downhole Commingling Permit No. R-4972		7	M 35	24S	37E	5-22	P			12	24
		8	L 35	24S	37E	5-17	P			8	24

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

[Signature]
ASST. DIST. SUPT.

JUN 18 1980

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

Operator Address	County	Pool	Justis Blinebry	Ica	TYPE OF TEST - (X)	SCHEDULED	Completion	Special	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BSL.		
									WATER BBL.	GRAV. OIL	OIL BBL.	GAS M.C.F.			
G. L. Erwin "A" Federal P. O. Box 728, Hobbs, New Mexico 88240		U	S	T	R	DATE OF TEST	CHOKES SIZE	TBG. PRESS.	DAILY ALLOW- ABLE	LENGTH OF TEST HOURS	WATER BBL.	GRAV. OIL	OIL BBL.	GAS M.C.F.	GAS - OIL RATIO CU.FT./BSL.
Downhole Commingling Permit No. R-5050		L	35	24S	37E	4-2-80	P		5	24	3	37.4	5	41	8200
Downhole Commingling Permit No. R-5050		L	35	24S	37E	5-17	P		8	24	15	37.4	5	10	2000
G. L. Erwin "B" Federal NCT-1		B	26	24S	37E	4-4	P		7	24	3	38.8	6	44	7333
G. L. Erwin "B" Federal NCT-2		P	35	24S	37E	4-11	P		3	24	4	35.7	3	10	3333
Downhole Commingling Permit No. R-5059		L	35	24S	37E	4-12	P		1	24	0	"	1	2	2000

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

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

[Signature]

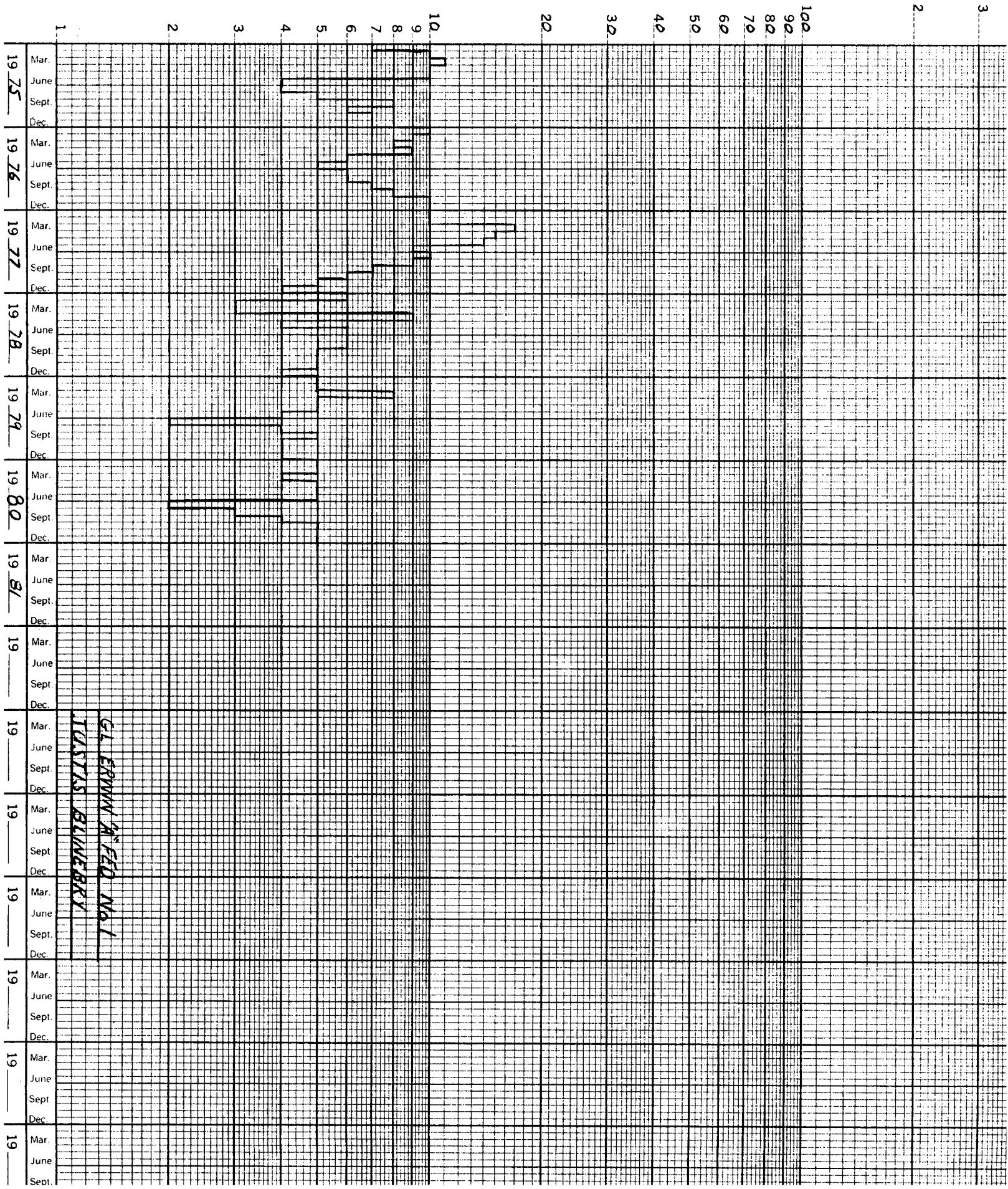
ASST. DIST. Supt.

(Title)

JUN 12 1980

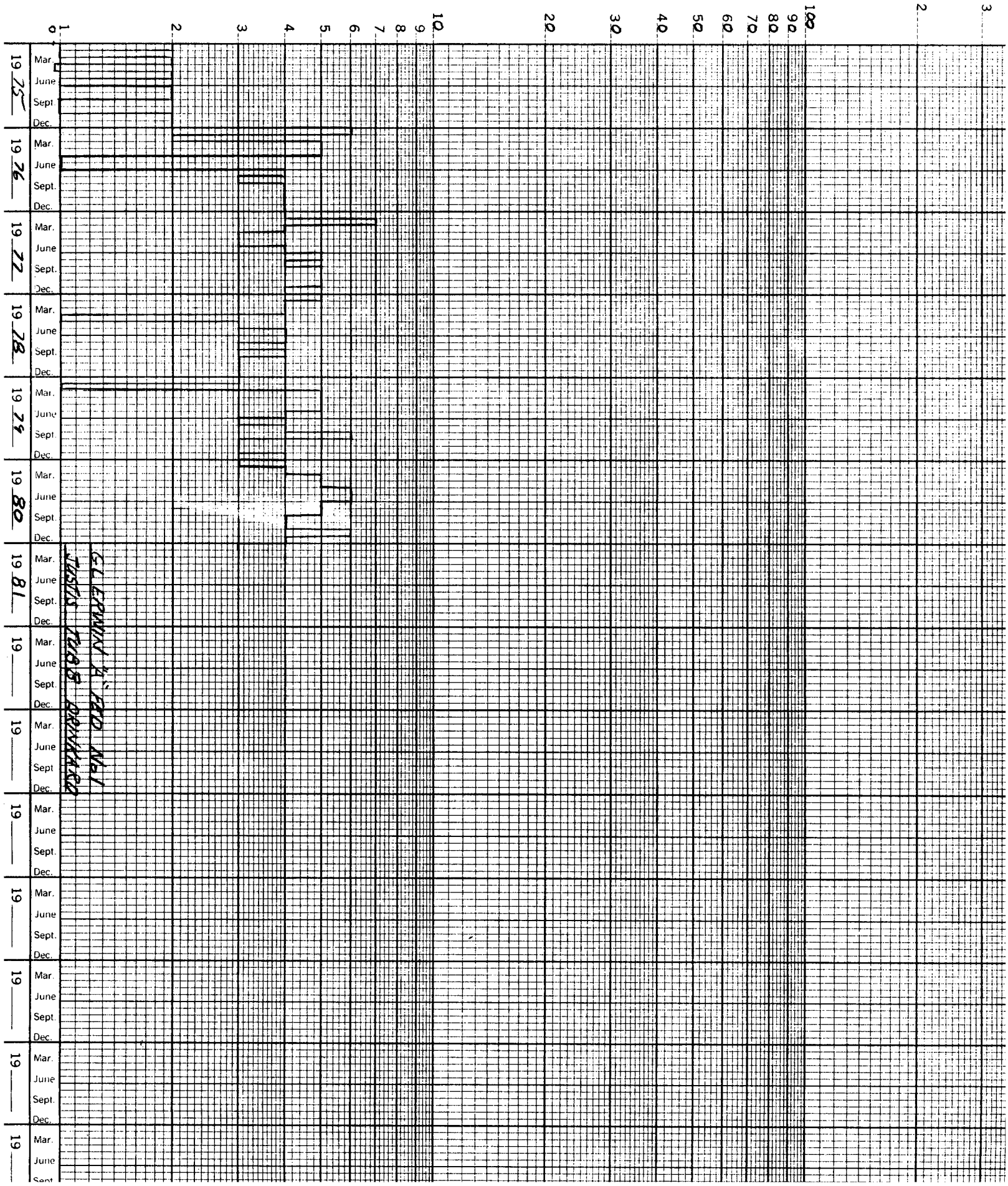


BOPD



GL ERWIN 2" FEO No 1
TASTIS BLINERBY

BOPD



GLERND 8" AD NAL
JULY 1980 DEVIATED

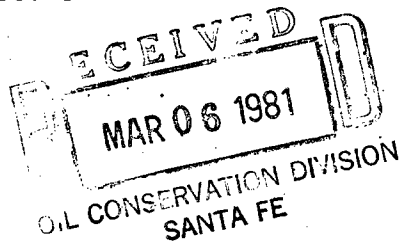
OFFSET OPERATORS

Amerada-Hess Corporation
P. O. Box 591
Midland, Texas, 79701

Shell Oil Company
P. O. Box 1509
Midland, Texas, 79702

Getty Oil Company
P. O. Box 249
Hobbs, New Mexico, 88240

OIL CONSERVATION DIVISION
DISTRICT I



OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE February 27, 1981

RE: Proposed MC _____
Proposed DHC X _____
Proposed NSL _____
Proposed NSP _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

343

Gentlemen:

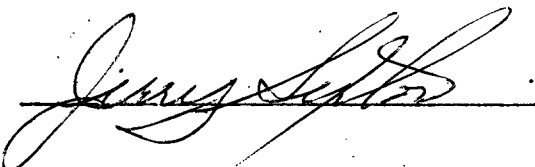
I have examined the application for the:

Texaco Inc.	G. L. Erwin "A" Fed. #1-N	35-24-37
Operator	Lease and Well No.	Unit, S - T - R

and my recommendations are as follows:

O.K.----J.S.

Yours very truly,


/mc

oil. 81. / Tb DK
63% 37%