

PETROLEUM PRODUCTS

February 19, 1981

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

DOWNHOLE COMMINGLING

A. H. BLINEBRY FEDERAL NCT-1
WELL NO. 21, LEASE NO. 41655
UNIT N, SECTION 20, T-22, R-38-E
BLINEBRY AND DRINKARD FIELDS
LEA COUNTY, NEW MEXICO

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

Attention: Mr. Joe D. Ramey
Secretary-Director

Gentlemen:

TEXACO Inc. requests Administrative approval to downhole commingle the Blinebry and Drinkard zones in the A. H. Blinebry Federal NCT-1 Well No. 21 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.

State of New Mexico
Department of Energy & Minerals

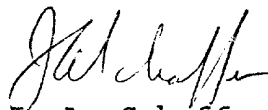
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February 19, 1981

All data required by NMOCD 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

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

Offset Operators (list attached)

DATA SET FOR WELLBORE COMMINGLING

Operator: TEXACO Inc.

Address: P. O. Box 728, Hobbs, New Mexico, 88240

Lease and Well No: A. H. Blinebry Federal NCT-1 Well No. 21

Location: Unit N; 660 Feet from the South Line and
1980 Feet from West Line of Section 20;
Township 22, Range 38; Lea County.

WELL DATA

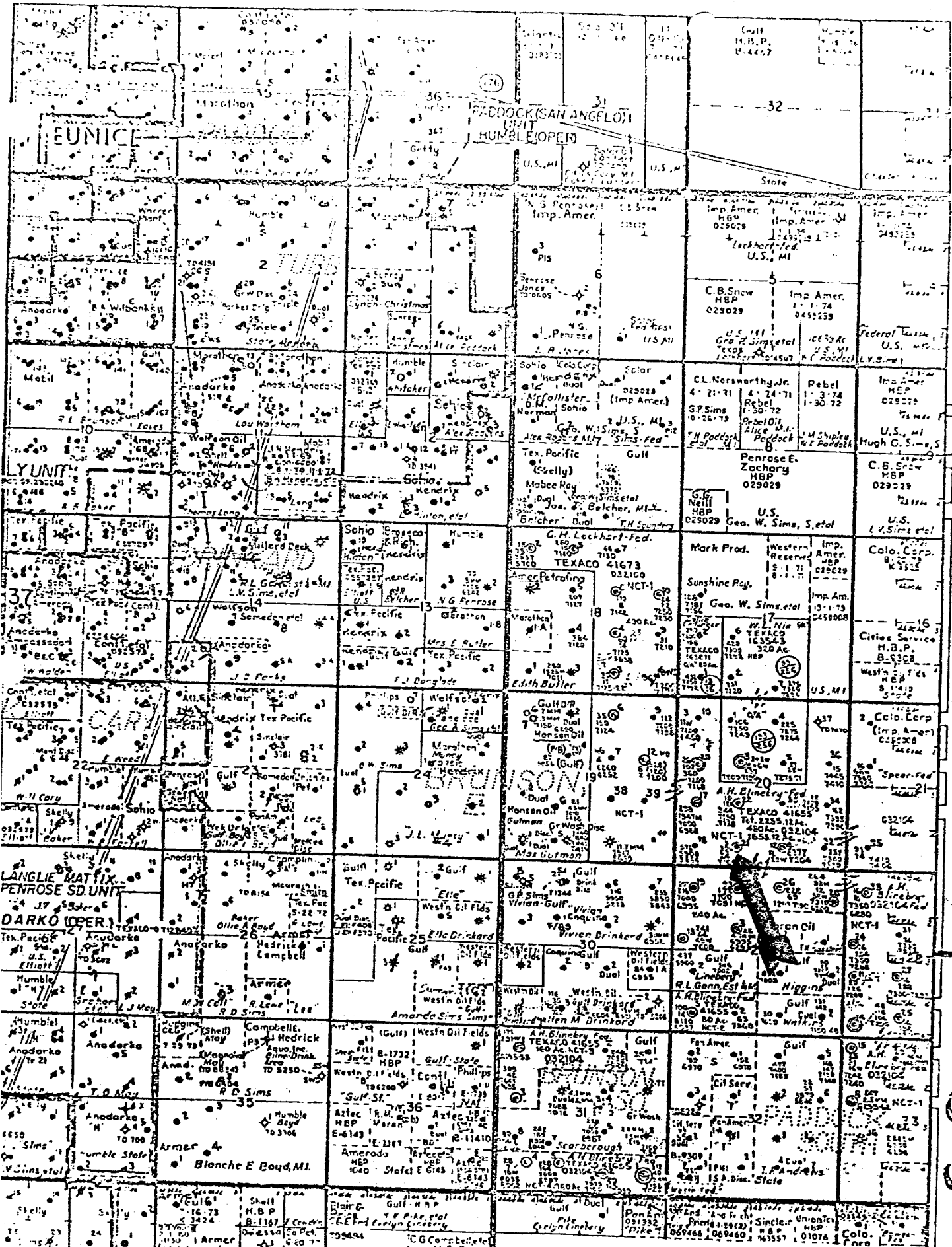
	<u>Upper Pool</u>	<u>Lower Pool</u>
Name of Pool	<u>Blinebry</u>	<u>Drinkard</u>
Producing Method	<u>Shut-in 2/7/70</u>	<u>Flowing</u>
BHP	<u>589 Est*</u>	<u>889 Est*</u>
Type Crude	<u>Sweet</u>	<u>Sweet</u>
Gravity	<u>38.3° API</u>	<u>38.3° API</u>
GOR Limit	<u>428</u>	<u>852</u>
Completion Interval	<u>5701-5824</u>	<u>6977-7069</u>
Current Test Date	<u>Shut-in</u>	<u>10/8/80</u>
Oil	<u>0</u>	<u>1</u>
Water	<u>0</u>	<u>1</u>
GOR	<u>0</u>	<u>5667</u>
Selling Price of Crude-\$/BBL.	<u>35.94 (Stripper)</u>	<u>35.94 (Stripper)</u>
Daily Income - \$/Day	<u>0</u>	<u>35.94</u>

* Based on BHP of other wells in Field.

COMMINGLED DATA:

Gravity of Commingled Crude 38.3° API
Selling Price of Commingled Crude - \$/BBL. 35.94
Daily Income - \$/Day 1114.14 (30 BOPD increase estimated)

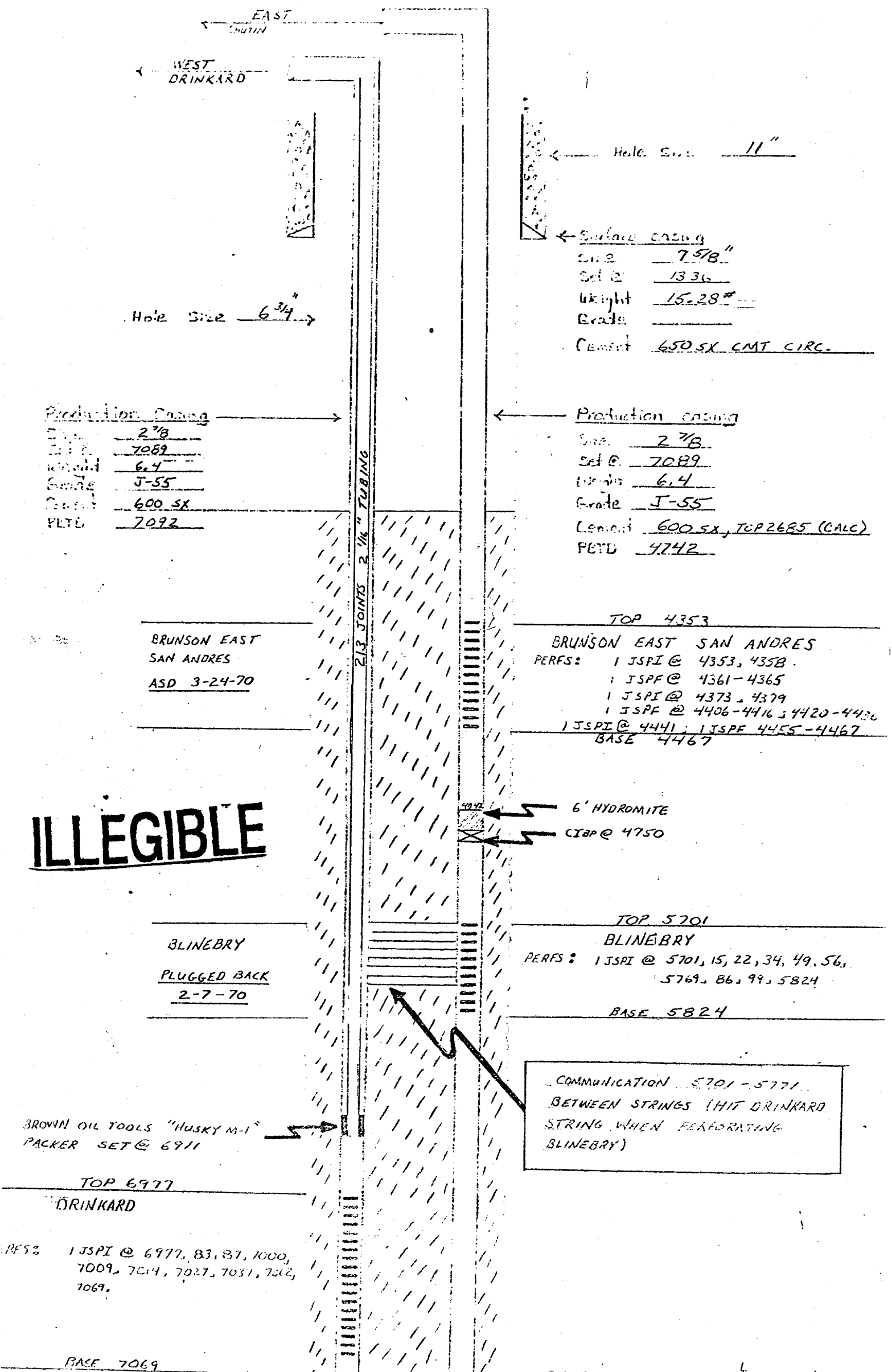
Net (Gain) (Loss) From Wellbore Commingling - \$/Day - 0 -
based on current producing rates.
Net gain from wellbore commingling based on a 30 BOPD increase



32-25-
BLK. A-39
T 22 S

LOCATION PLAT
TEXACO Inc.
A. H. BLINEBRY FED. NCT-1 LEASE
LEA COUNTY, NEW MEXICO

Well Name AH BLINEBRY FED NCT-1 No 21 Date 1-2-54



← VENT STAYING

0-5
DEPTED
SANDS

Hole Size 6 3/4 →

Production Casing →

Size 2 7/8
Set @ 7089
Weight 6.4
Grade J-55
Cement 600SX
PSTD 7092

← Hole Size 11"

← Surface casing

Size 7 7/8
Set @ 1336
Weight 15.28
Grade
Cement 650 SX CMT CIRC

← Production casing

Size 2 7/8
Set @ 7089
Weight 6.4
Grade J-55
Cement 600SX TOP @ 2685 (CALC)
PSTD

TOP 1353

BRUNSON EAST SAN ANDRES

PERFS: 4353 - 4467

SQUEEZED WITH 300 SX CLASS H CMT.

BASE 4467

TOP 5701

BLINEBRY

PERFS: 2-3 JS PF @ 5701, 15, 22, 34, 49
5756, 69, 99, 5824

BASE 5824

TOP 6977

DRINKARD

PERFS: 1 JS PF @ 6977, 83, 87, 7000

7004, 11, 27, 37, 62, 69

BASE 7069

TUBED TO BOTTOM 2 1/2" TUBING

Comingling perfs

PROPOSED COMPLETION

ILLEGIBLE

TIAXCO Inc.

Drinkard

County

Lee

F. O. Box 728, Hobbs, New Mexico 88240

TYPE OF TEST - (X)

Scheduled ☒

Completion ☐

Special ☐

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	TYPE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW.	LENGTH OF TEST	PROD. DURING TEST				GAS - OIL RATIO
		U	S	T	R							WATER BOLS.	GRAV. OIL	OIL BOLS.	GAS M.C.F.	
Dollie Ballenger *Drinkard = 33%-0 & 100%-G Blinebry = 67%-0 & 00%-G	1	M	17	22S	38E	4-1-80	P			5	24	0	37.4	4	16	4000
						"	"			2	"	0	"	1	16	16000
	2	L	17	22S	38E	4-1	P			3	24	0	31.4	2	13M	4000
	3	F	29	22S	38E	4-15	P			10	24	0	38.1	9	61	6778
	4	O	20	22S	38E	4-16		19/64	150	3	24	0	38.3	3	32	10667
	6	B	19	22S	38E	4-2		27/64	150	3	24	0	38.3	5	37	7400
*Blinebry Federal NOT-1	11	L	28	22S	38E	4-22	P			4	24	4	36.9	4	18	4500
						"	"			2	"	2	"	2	4	4500
						"	"			2	"	2	"	2	4	4500
	12	M	19	22S	38E	4-4	P			28	24	6	38.3	19	41	2150
						"	"			11	"	2	"	8	33	4125
						"	"			17	"	4	"	11	8	721
*Drinkard = 50% Tubb = 50%						"	"			15	24	1	38.1	12	27	2250
	13	E	29	22S	38E	3-10	P			3	24	0	36.9	3	19	6335
	14	M	28	22S	38E	5-3	P			3	24	4	38.1	6	38	6333
	15	D	33	22S	38E	4-12	P			3	24	4	"	2	15	7500
	19	D	29	22S	38E	"	P			1	"	2	"	4	23	5750
						"	"			2	"	2	"	4	23	5750
*Drinkard = 76%-0 & 70%-G Blinebry = 12%-0 & 06%-G Tubb = 12%-0 & 24%-G	20	E	20	22S	38E	5-10	STD									
						"	"									
						"	"									
						"	"									
						"	"									
	21	N	20	22S	38E	4-3	F	19/64	600	3	24	0	38.3	3	17	5667

*Downhole Commingled

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

During rate-of-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 allowable 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 0.50.

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

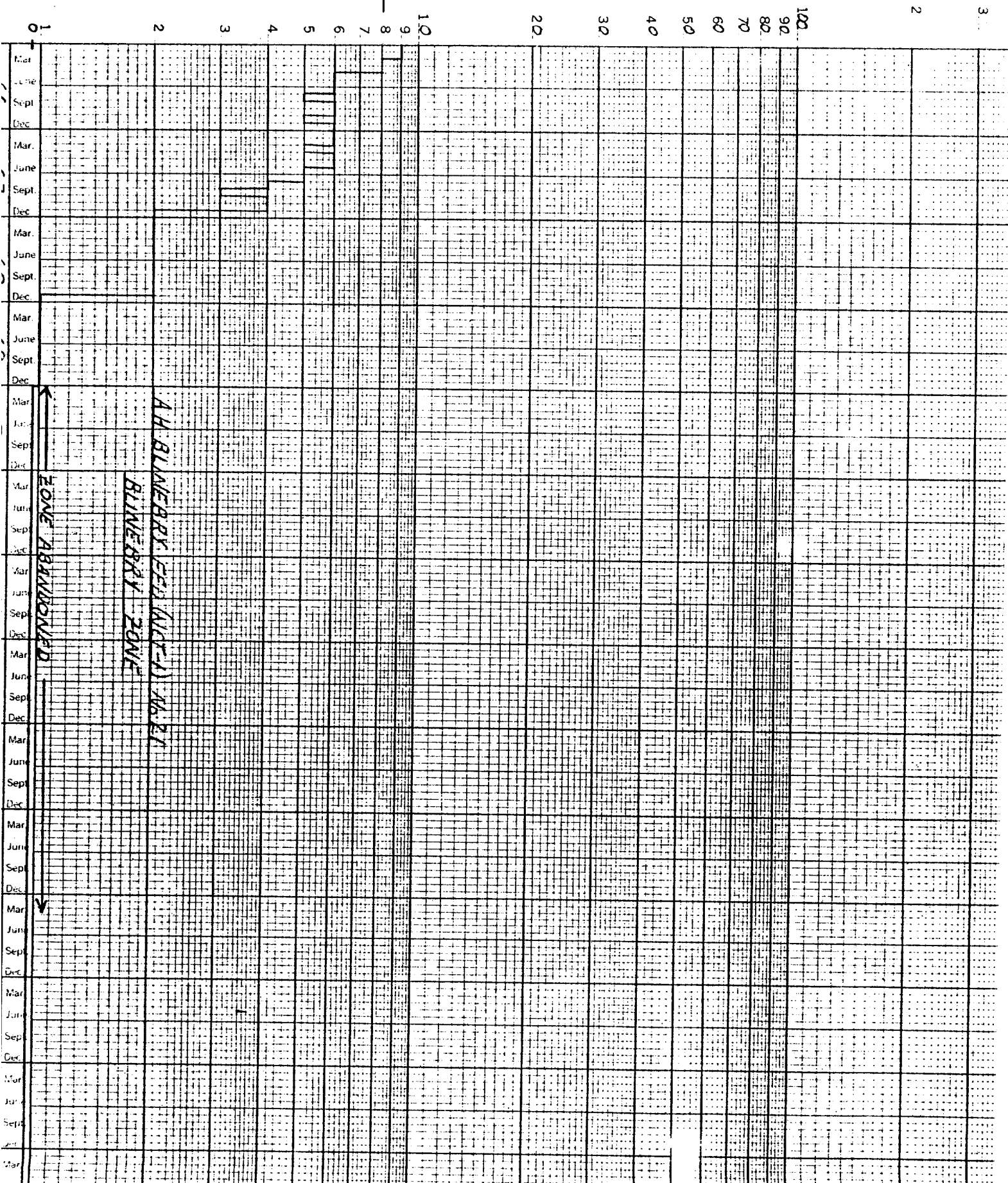
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 303 and appropriate pool rules.

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

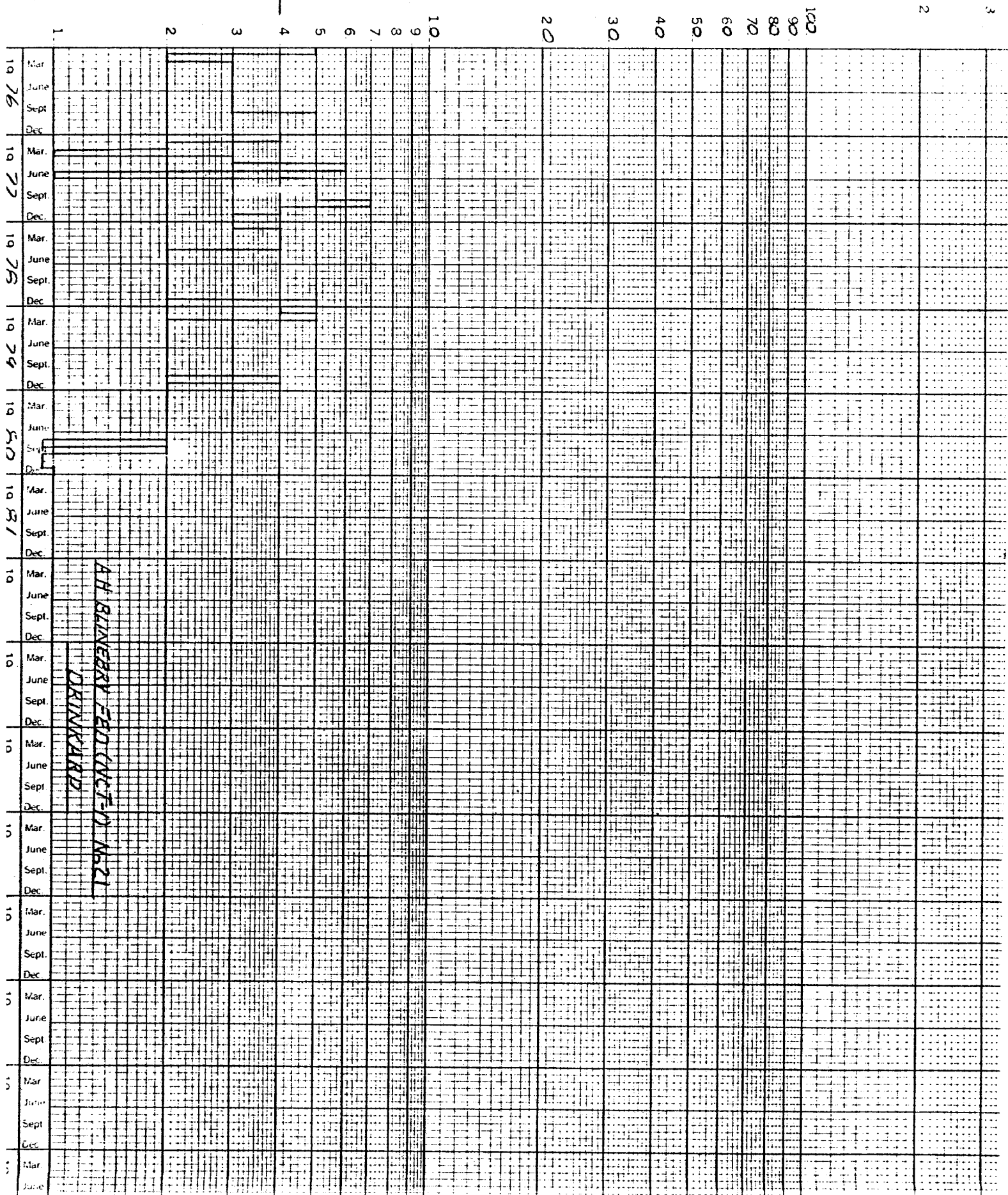
[Signature]
DIST. DIST. OFF.

MAY 19 1980

8000



BOPD



4H BLINERBY F-20 (UCT-1) No. 21
DRINKARD

OFFSET OPERATORS

American Petrofina, Inc.
P. O. Box 2159
Dallas, Texas, 75221

Gulf Oil Company
P. O. Box 670
Hobbs, New Mexico, 88240

Hanson Oil Corporation
P. O. Box 1515
Roswell, New Mexico, 88201

Coquina Oil Corporation
P. O. Drawer 2960
Midland, Texas, 79702

Petro-Lewis Corporation
607 Austin Street
Levelland, Texas, 79336

Moranco
P. O. Box 1860
Hobbs, New Mexico, 88240

Summit Energy, Inc.
1925 Mercantile Dallas Building
Dallas, Texas, 75201

Union Texas Petroleum
P. O. Box 2120
Houston, Texas, 77001