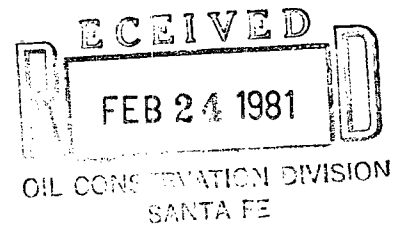




PETROLEUM PRODUCTS



TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

February 19, 1981

oil 605
Bl. 107 4000

Gas
42819EF/D

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

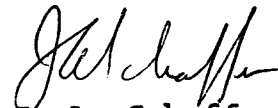
- 2 -

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)

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

DATA SHEET 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 4000</u>	<u>852 6000</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.

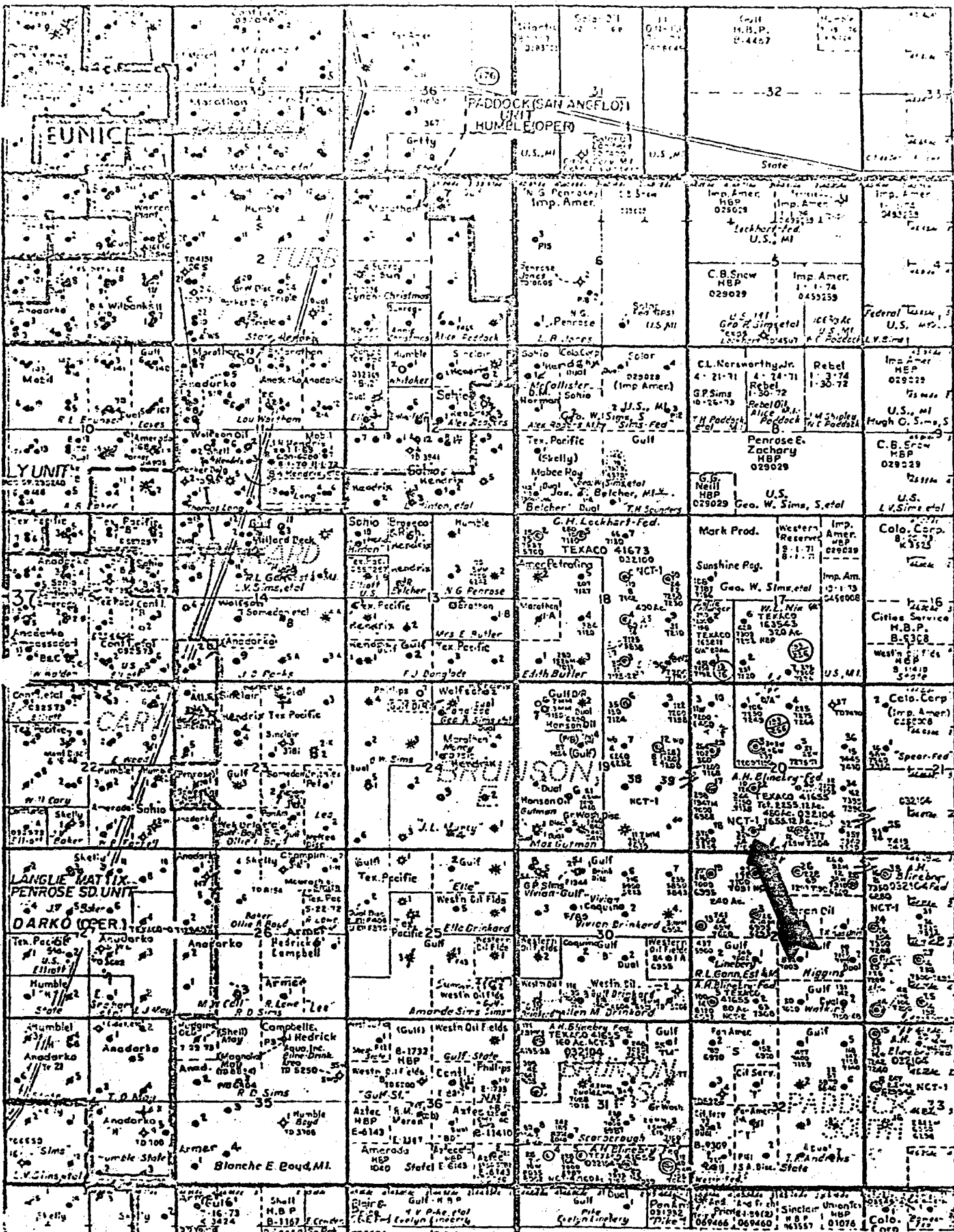
COMMINGLED DATA:

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 production increase.



32°25'

BLK. A-39

T 22 S

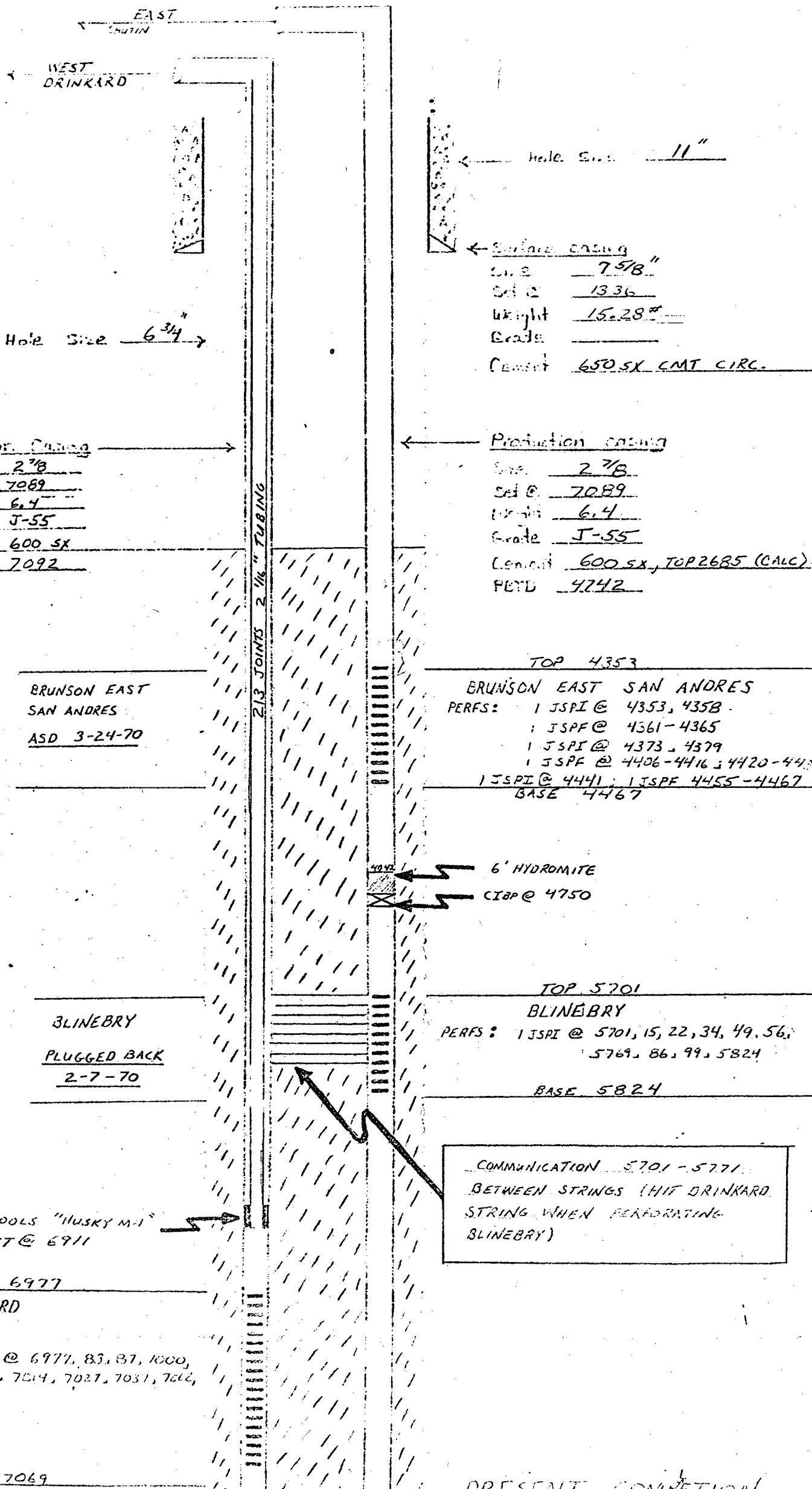
LOCATION PLAT

TEXACO Inc.

A. H. BLINEBRY FED. NCT-1 LEASE
LEA COUNTY NEW MEXICO

Well Name AH BLINEBRY FED NCT-1 No21

Date 1-27-50



← VENT STRING
0.75
FEET
BLINEBRY

Hole Size 6 3/4 →

Production Casing →

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

← 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)
PBTD _____

TOP 4353

BRUNSON EAST SAN ANDRES

PERFS: 4353 - 4467

SQUEEZED WITH 300 SX CLASS H CMT

BASE 4467TOP 5701

BLINEBRY

PERFS: 2-3 JSPF @ 5701, 15, 22, 34, 49
5756, 69, 99, 5824BASE 5824TOP 6977

DRINKARD

PERFS: 15 SPI @ 6977, 83, 87, 70007009, 14, 27, 37, 62, 69BASE 7069

Comingling perfs

PROPOSED COMPLETION

TEXACO Inc.

Drinkard

County
Lea

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

TYPE OF
TEST - (X)

Scheduled ☒

Completion ☐

Special ☐

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST 1980	SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - CUB. FT./CY.
		U	S	T	R						WATER BDL.	GRAV. OIL	OIL BDL.	GAS M.C.F.	
Dollie Ballenger *Drinkard = 33%-O & 100%-G Blinebry = 67%-O & 00%-G	1	M	17	22S	38E	4-1-80	P		5	24	0	37.4	4	16	4000
						"	"		2	"	0	"	1	16	16000
						"	"		3	"	0	"	3	13TM	~
	2	L	17	22S	38E	4-1	P		3	24	0	31.4	2	8	4000
*Blinebry Federal NCT-1	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	3	24	0	38.3	3	32	1066
	6	B	19	22S	38E	4-2		27/64	3	24	0	38.3	5	37	7400
	11	L	28	22S	38E	4-22	P		4	24	4	36.9	4	18	450
*Drinkard = 50% Tubb = 50%						"	"		2	"	2	"	2	9	450
						"	"		2	"	2	"	2	9	450
	12	M	19	22S	38E	4-4	P		28	24	6	38.3	19	41	215
						"	"		11	"	2	"	8	33	412
*Drinkard = 40%-O & 80%-G Blinebry = 60%-O & 20%-G						"	"		17	"	4	"	11	8	72
	13	E	29	22S	38E	3-10	P		15	24	1	38.1	12	27	225
	14	M	28	22S	38E	3-3	P		3	24	0	36.9	3	19	633
	15	D	33	22S	38E	4-12	P		3	24	4	38.1	6	38	633
*Drinkard = 40% Blinebry = 60%	19	D	29	22S	38E	4-12	P		1	"	2	"	2	15	750
						"	"		2	"	2	"	4	23	575
						"	"								
	20	E	20	22S	38E	4-3-80	F	19/64	600	3	24	0	38.3	3	17
*Drinkard = 76%-O & 70%-O Blinebry = 12%-O & 06%-O Tubb = 12%-O & 24%-O						"	"								
						"	"								
						"	"								
	21	N	20	22S	38E	4-3-80	F	19/64	600	3	24	0	38.3	3	17

*Normalhole Commingled

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

During flowline 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.

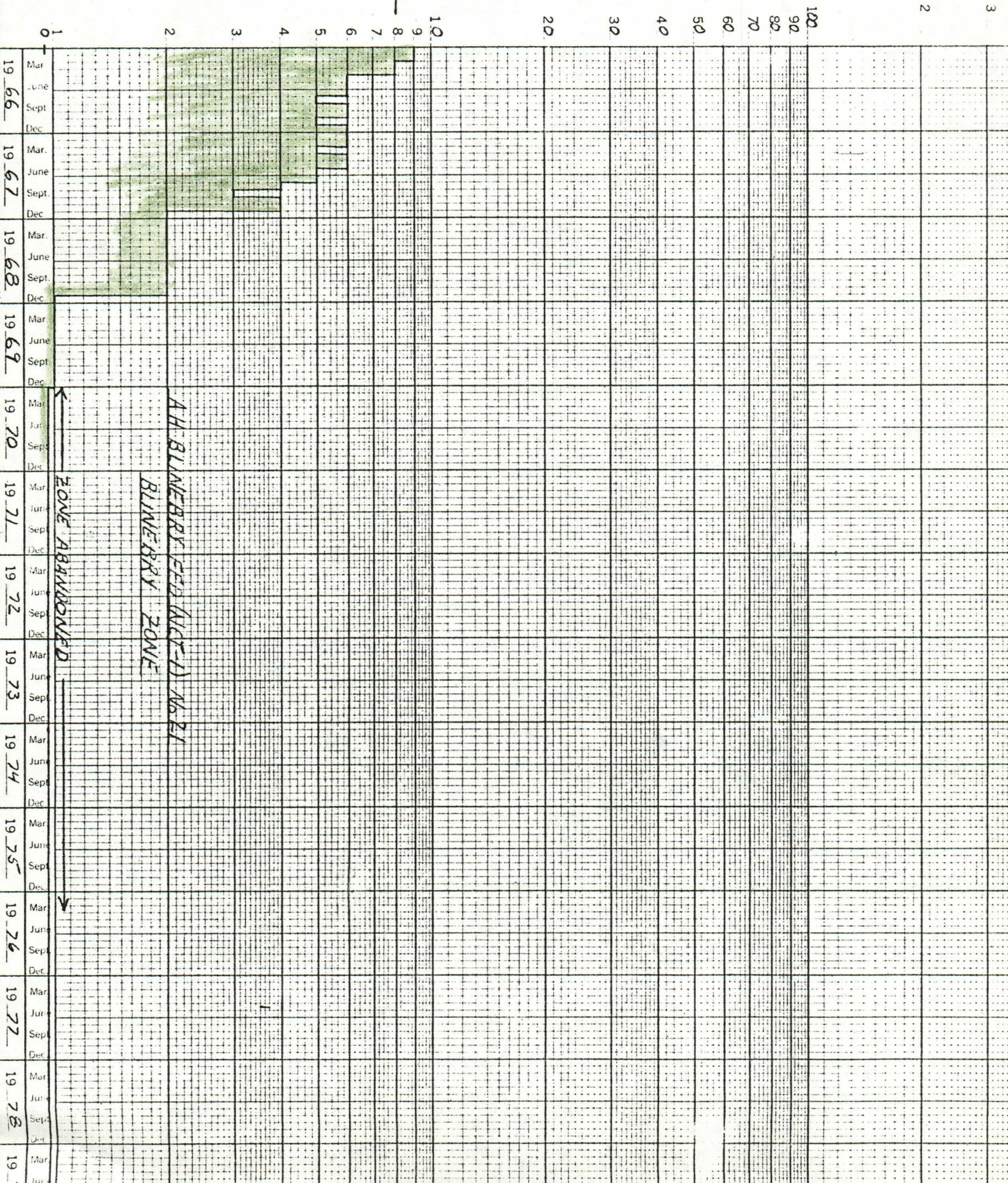
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 303 and appropriate pool rules.

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

[Signature]
ASST. DIST. MGR.

MAY 12 1980

8000



OIL CONSERVATION DIVISION
DISTRICT I

340

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

RECEIVED	DATE	February 25, 1981
MAR 02 1981	RE:	Proposed MC
		Proposed DHC X
		Proposed NSL
		Proposed NSP
		Proposed SWD
		Proposed WFX
		Proposed PMX

Gentlemen:

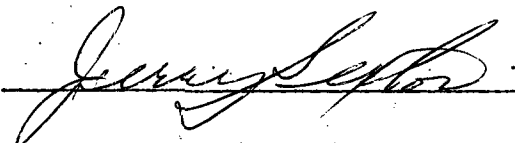
I have examined the application for the:

Texaco Inc.	A. H. Blinebry NCT-1	#21-N	20-22-38
Operator	Lease and Well No.	Unit, S - T - R	

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,



/mc