



Union Texas Petroleum



Western Region

4000 N. Big Spring
Midland, Texas 79705
Telephone (915) 684-0600

January 16, 1989

Oil Conservation Commission
The State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico

Re: **Application for Downhole Commingling**
Union Texas Petroleum
Blocker No. 4
Justis Paddock and Justis
Blinebry-Tubb-Drinkard
Pools
Lea County, New Mexico

Gentlemen:

Union Texas Petroleum respectfully requests administrative approval for downhole commingling in its Blocker No. 4 located 1980 feet from the west line and 2310 feet from the north line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico.

This well qualifies for administrative approval in accordance with State Wide Rule 303, Paragraph C; and in support thereof, the following facts are submitted:

1. The attached plat shows the Blocker Lease outlined in Red and is located in Unit Letter "F" of Section 13, . An arrow shows the location of the subject well on the plat.
2. The well is currently completed in the Paddock. Prior to being completed in Paddock, the well was downhole commingled in the Blinebry-Tubb-Drinkard and approved by Commission Order DHC-112 dated May 21, 1972. This zone was temporarily abandoned 8/9/83 and the well was recompleted in the Paddock. Today, production in the Paddock is uneconomic. The combined production of the Blinebry-Tubb-Drinkard and Paddock will allow us to continue producing the subject well. We propose to drill out the CIBP at 5000' and commingle downhole if this application is approved by the Commission.

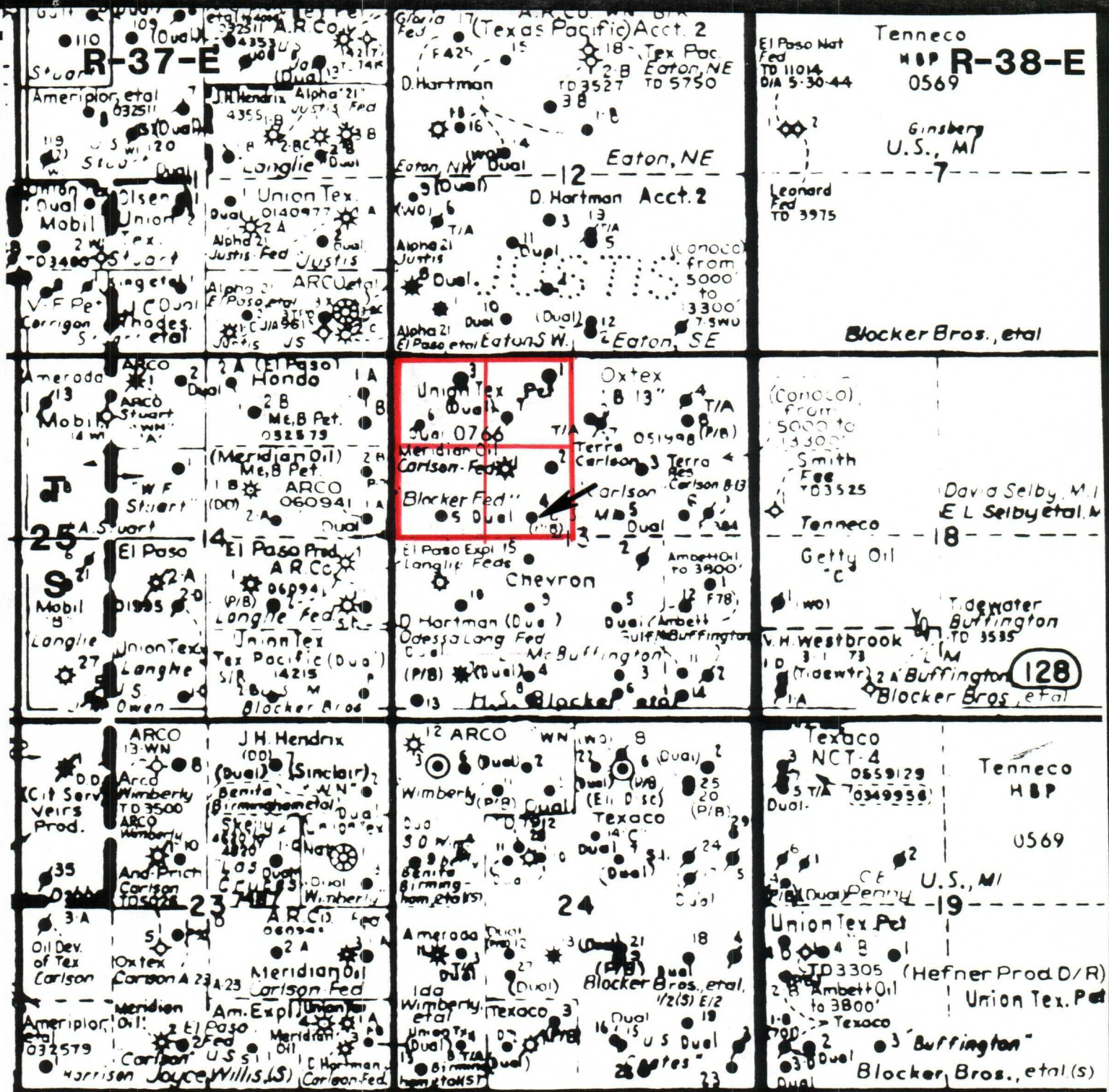
3. A short time before the Blinebry-Tubb-Drinkard was temporarily abandoned it was tested at a daily rate of 8 barrels oil, 4 barrels water and a GOR of 1625 to 1. The Paddock is currently producing 1 barrel oil, 5 barrels water and a GOR of 5,000 to 1.
4. Neither zone produces more water then the combined oil limit as determined in Rule 303, Paragraph C.
5. The fluids produced from these pools have been commingled on the surface for several years and no problems have been encountered to indicate incompatibility; therefore, there will be no damage to the reservoir.
6. The surface commingling resulted in no reduction of oil value; therefore, downhole commingling will not result in a lesser value.
7. The ownership of the zones to be commingled is common.
8. Attached is a production decline curve showing the monthly production of oil for each zone since 1970.
9. Bottom hole pressure is estimated to be less than 200 psig in both zones. The commingled production from both zones will be pumped.
10. Commingling in the wellbore will not jeopardize the efficiency of future secondary recovery operations in any of the zones.
11. Copies of this application have been furnished to offset operators. See Attachment No. 1 for listing.

Very Truly Yours,



Gary R. Hendricks
District Production Engineer

REP/ejw
2:rep00012



40 Acres SE/4 of NW/4
Dedicated to Blocker #4

UNION TEXAS PETROLEUM

JUSTIS FIELD
LEA COUNTY, NEW MEXICO

LAND PLAT



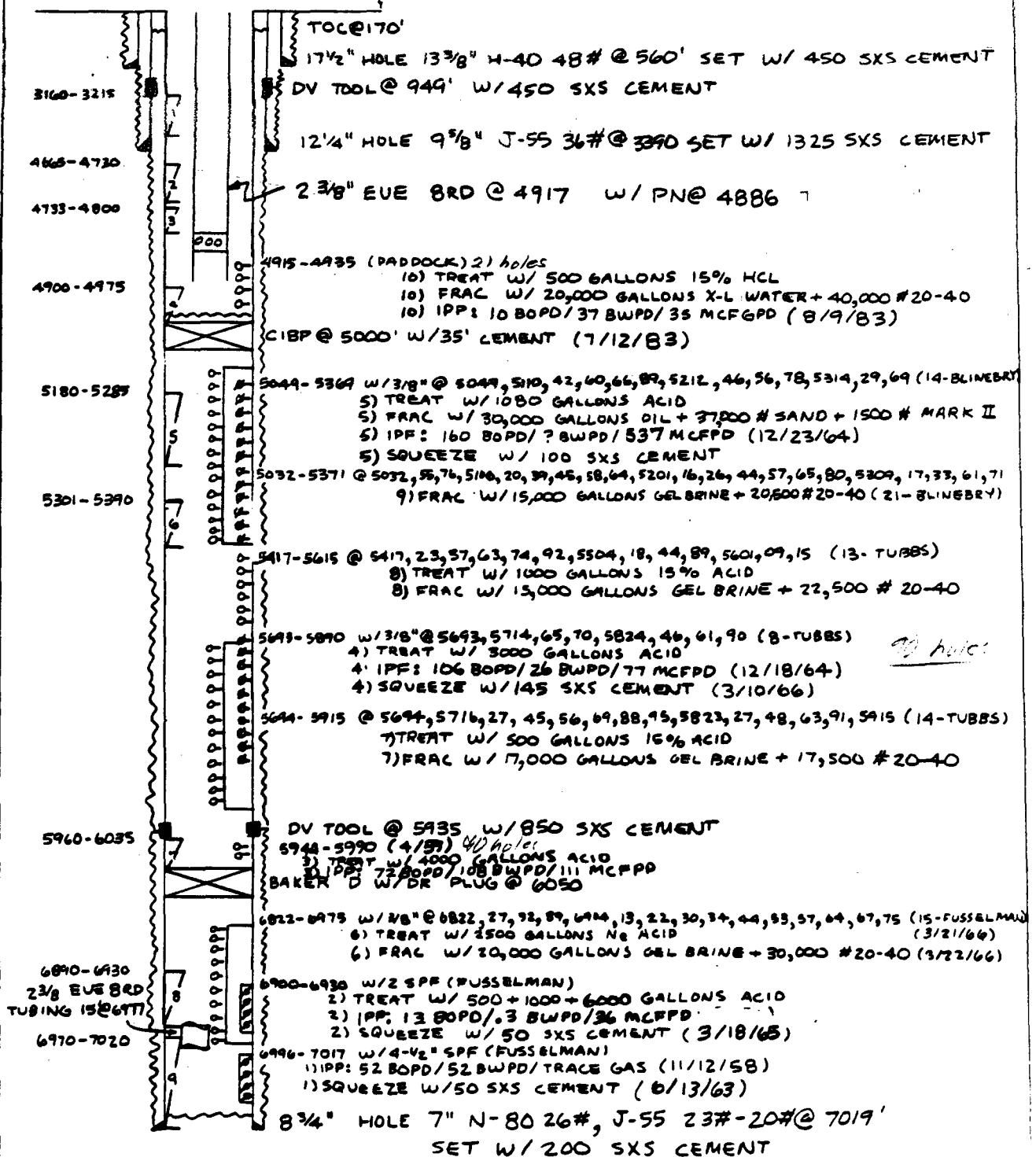
MIDLAND DISTRICT

GEOL.	DATE	GEOPH.	DATE	LAND	DATE	WELLS
					1/89	

BLOCKER #4
1980 FWL/2310 FNL SECTION 13-25S-37E
LEA COUNTY, NEW MEXICO
ELEVATION: 3095
SPUD: 8/26/58 COMP: 11/12/58

5/5/86 *Update 1/23/89 REP*

42-182 100 SHEETS
 MADE IN U.S.A.

TD: 7020'
 PBD: 4965'

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-115
Revised 1-1-65

Operator		Pool		County												
UNION TEXAS PETROLEUM CORPORATION		Justis (Blinberry)		Lea												
Address		1300 Wilco Building, Midland, Texas 79701		Schedule ☒ Completion ☐ Special ☐												
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	TYPE OF TEST - (X)	CHOKES SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO - CU. FT/
		U	S	T	R							WATER OILS.	GRAV. OIL	OIL BOLS.	GAS M.C.F.	
Blocker	4	F	13	25	37	5-12-78	P	-	-	6	24	4	39	8.0	13	1,6
	7	D	13	25	37	5-13-78	P	-	-	9	24	4	39	12.0	180	15,0
Buffington "B"	3	M	19	25	37	5-8-78	P	-	-	14	24	6	39	7.3	70	9,6
	4	L	19	25	37	5-9-78	P	-	-	6	24	2	39	5.5	6	1,0
Carlson "A"	1	J	25	25	37	TEMPORARILY ABANDONED	-	-	-	5	24	1	39	3.0	12	4,0
	5	I	25	25	37	5-10-78	P	-	-	21	24	0	39	1.5	10	6,0
	6	J	25	25	37	5-11-78	P	-	-	14	24	50	39	11.6	45	3,0
Gregory "A" Federal	1	H	35	25	37	5-12-78	P	-	-	14	24	50	39	11.6	45	3,0
Langlie "B"	1	P	14	25	37	5-24-78	P	-	-	22	24	10	39	30.2	210	6,0
	2	O	14	25	37	5-25-78	P	-	-	34	24	10	39	25.0	270	10,0
Langlie "D"	1	N	14	25	37	TEMPORARILY ABANDONED	-	-	-	6	24	55	39	5.5	50	9,0
	2	K	14	25	37	5-23-78	P	-	-	60	24	15	39	40	215	5,0
Stuart	6	C	11	25	37	5-2-78	P	-	-	30	24	10	39	30	67	2,0
	7	E	11	25	37	5-3-78	P	-	-	8	24	104	39	5	12	2,0
	8	E	11	25	37	5-4-78	P	-	-							

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.
Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 101 and appropriate pool rules.

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

Sr. Prod. Analyst
(Signature)
(Title)

GAS - OIL RATIO TESTS

Operator Union Texas Petroleum Corp.		Pool Justis Paddock		County Lea		TYPE OF TEST - (X)		Sched. (X)		Completion ()		Serial ()					
Address 4000 N Big Spring Ste 500, Midland, TX 79705		LOCATION		DATE OF TEST		CHOKE SIZE		TBG. PRESS.		DAILY ALLOW. ABLE		LENGTH OF TEST HOURS					
LEASE NAME	WELL NO.	U	S	T	R							WATER BBLs	PROD. GRAV. OIL	OIL BBLs	GAS M.C.F.	GAS - OIL RATIO CU.FT./BBL	
Blocker	4	F	13	25	37	5/2/88	P	--	--	1		24	5	35	1	5	5000
Blocker	5	E	13	25	37	5/2/88	P	--	--	2		24	5	35	1	5	5000

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 well 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's when authorized by the Division.

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.

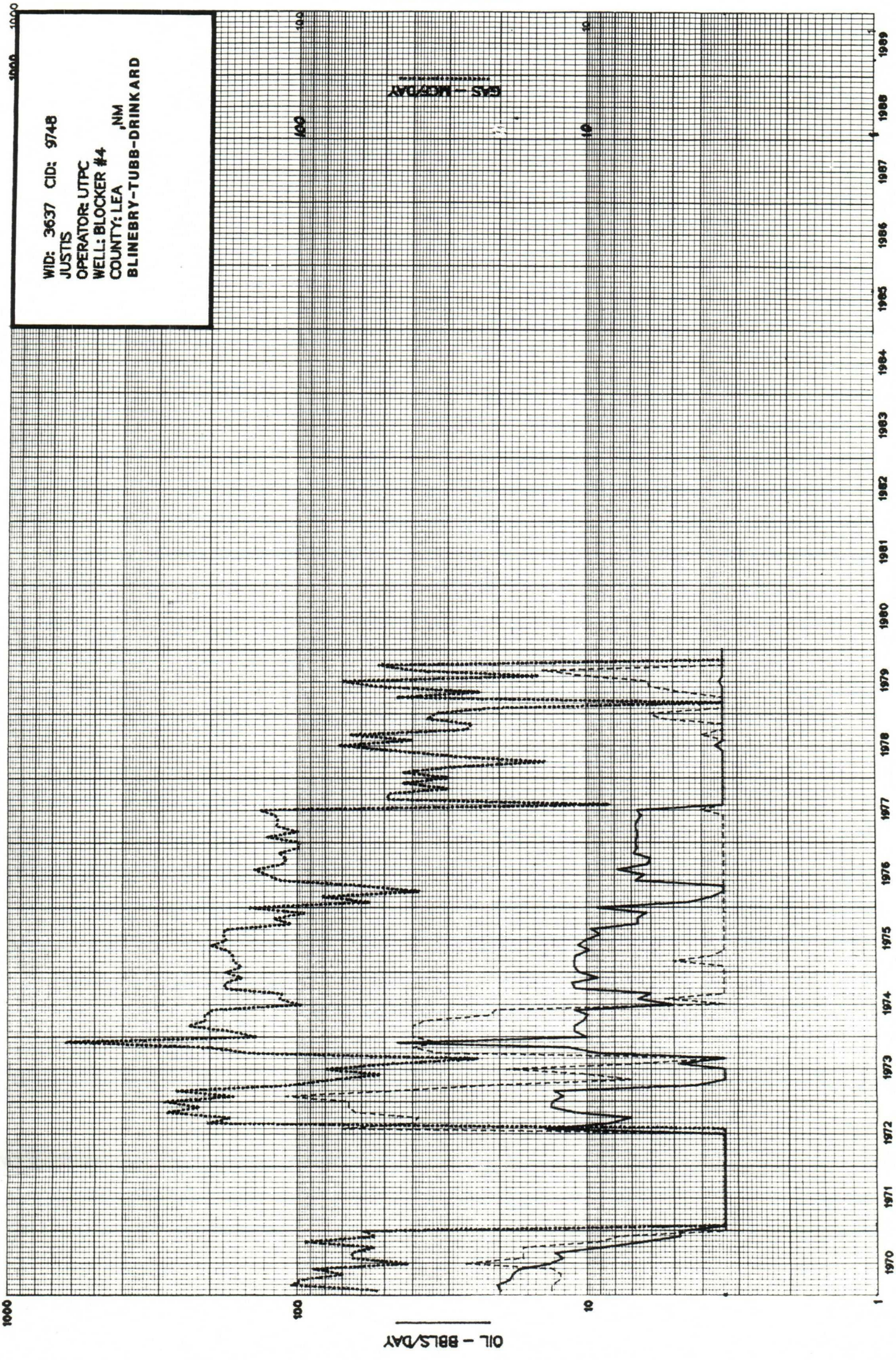
Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail's original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 331 and appropriate pool rules.

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

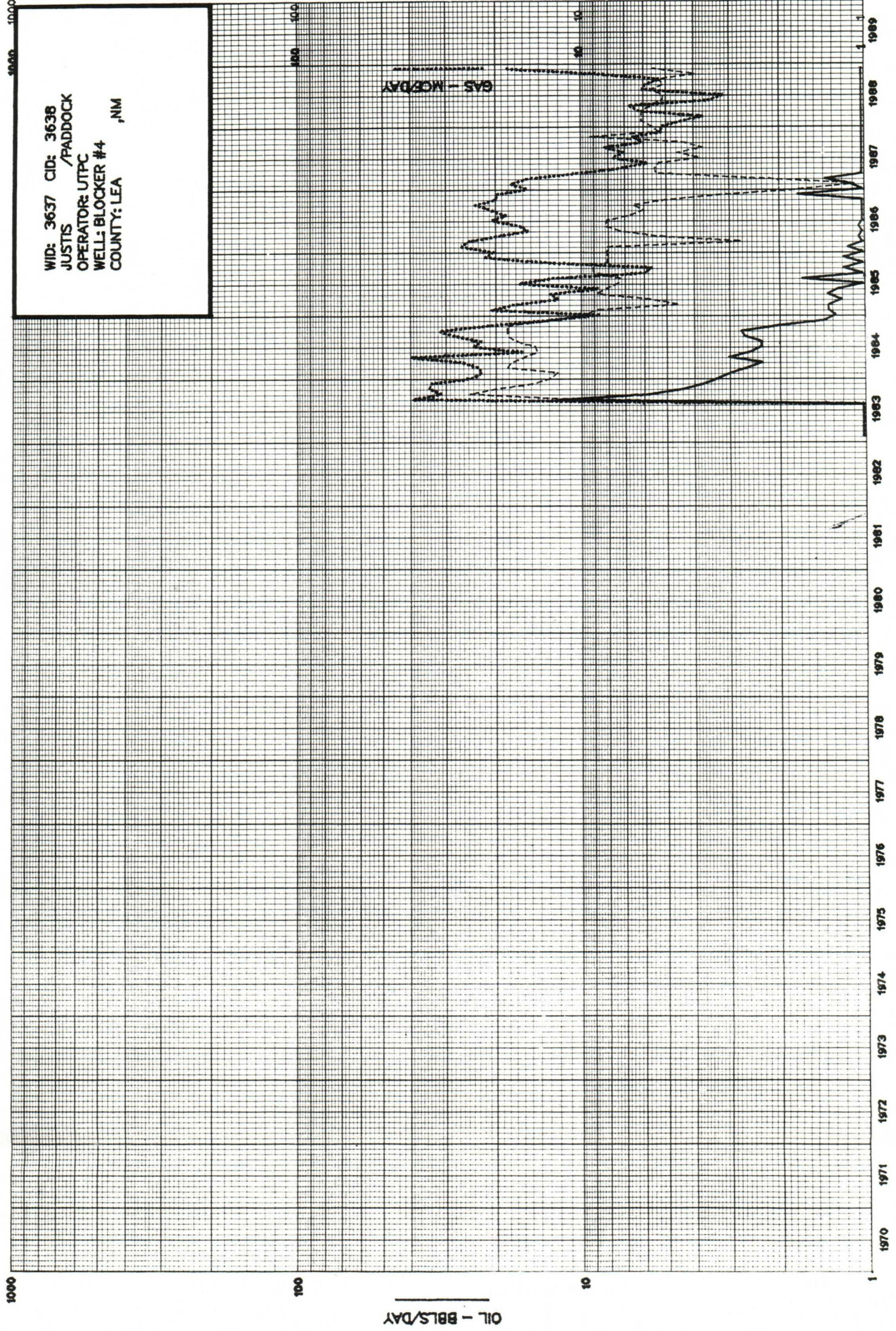
Karen F. Hilday
(Signature)
Production Analyst

6/6/88
(Date)



WID: 3637 CID: 9748
JUSTIS
OPERATOR: UTPC
WELL: BLOCKER #4
COUNTY: LEA, NM
BLINEBRY-TUBB-DRINKARD

WID: 3637 CID: 3638
JUSTIS /PADDOCK
OPERATOR: UTPC
WELL: BLOCKER #4
COUNTY: LEA, NM



Allocation Calculated by D. Catanzaro

As Per DHC-112

Blumberg - 70%

Prod as per 1972

Tubb Driskard - 30%

Blumberg - 11 BOPD 147 MCFD

Tubb Driskard - 6 BOPD 22 MCFD

Blumberg Oil 65% Gas 87%

Oil 35% Gas 13%

Commenced June 1983

Prod at that time - 8 BOPD 13 MCFD

Using Allocation: Blumberg $(.65)(8) = 5.2 \text{ BOPD}$ $(.87)(13) = 11 \text{ MCFD}$

Tubb Driskard $(.35)(8) = 2.8 \text{ BOPD}$ $(.13)(13) = 2 \text{ MCFD}$

Current Paddock prod - 1 BOPD 5 MCFD

Blumberg 5.2 BOPD - 58%

11 MCFD - 61%

Tubb Driskard 2.8 BOPD - 31%

2 MCFD - 11%

Paddock 1 BOPD 11%

5 MCFD - 28%

9 BOPD



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

1-27-89

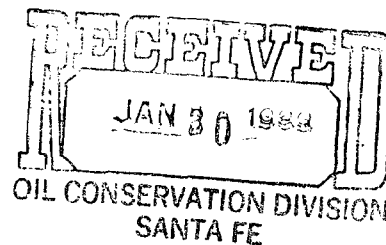
GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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

RE: Proposed:

MC _____
DHC ☒ _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____



Gentlemen:

I have examined the application for the:

Union Tx Pet Corp Blocker #4-F 13-25-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK J.S.

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed