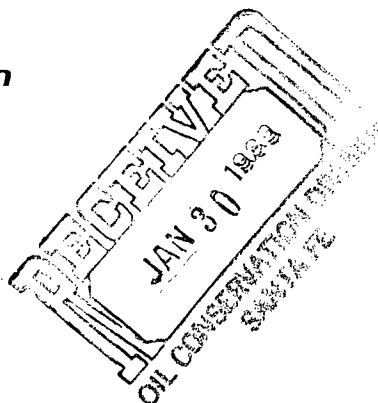




Union Texas Petroleum



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. 5
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. 5 located 750 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 "E" 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-175 dated October 10, 1975. This zone was temporarily abandoned 9/24/84 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 pull the retrievable bridge plug set at 5025' 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 5 barrels oil, 0 barrels water and a GOR of 10,800 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:rep00013

ATTACHMENT NO. 1

**OFFSET OPERATORS TO BLOCKER NO. 5
Section 13, T-25-S, R-37-E
Lea County, New Mexico**

AMERADA HESS CORPORATION
P.O. Box 2040
Tulsa, Oklahoma 74102

ARCO OIL & GAS COMPANY
P.O. Box 1610
Midland, Texas 79702-1610

CHEVRON USA INC.
P.O. Box J
Section 732S
Concord, California 94524

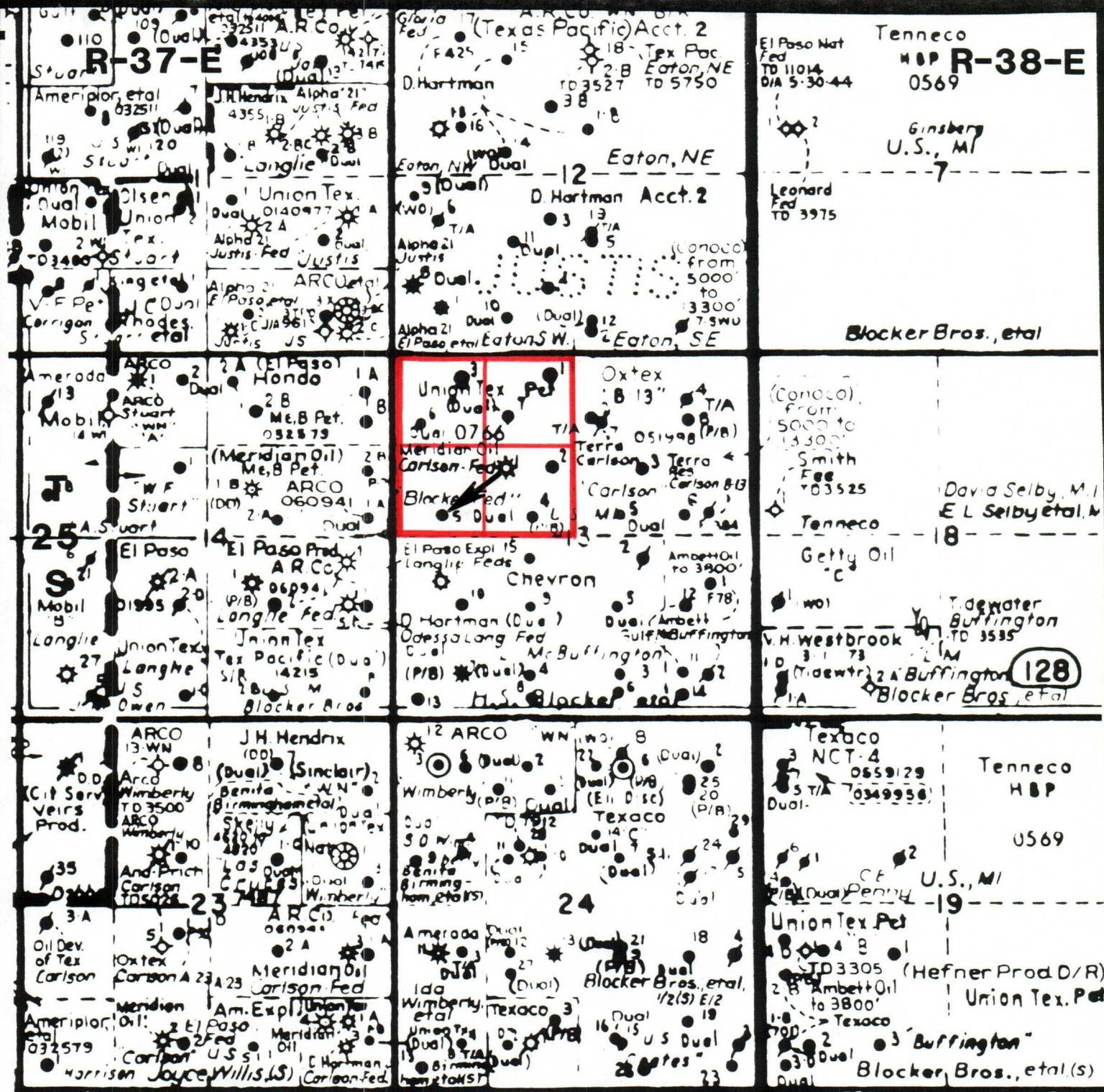
DOYLE HARTMAN
500 N. Main
P.O. Box 10426
Midland, Texas 79702

JOHN HENDRIX
525 Midland Tower
Midland, Texas 79701

J. CECIL RHODES
Oil Producers
511 W. Texas Ave
Midland, Texas 79701

TERRA RESOURCES INC.
Suite 500 West
10 Desta Drive
Midland, Texas 79701

V-F PETROLEUM
One Marienfeld Place
Suite 580
Midland, Texas 79701



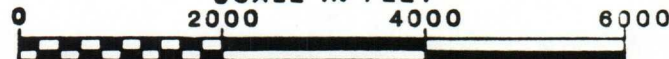
UNION TEXAS PETROLEUM

JUSTIS FIELD

LEA COUNTY, NEW MEXICO

LAND PLAT

SCALE IN FEET



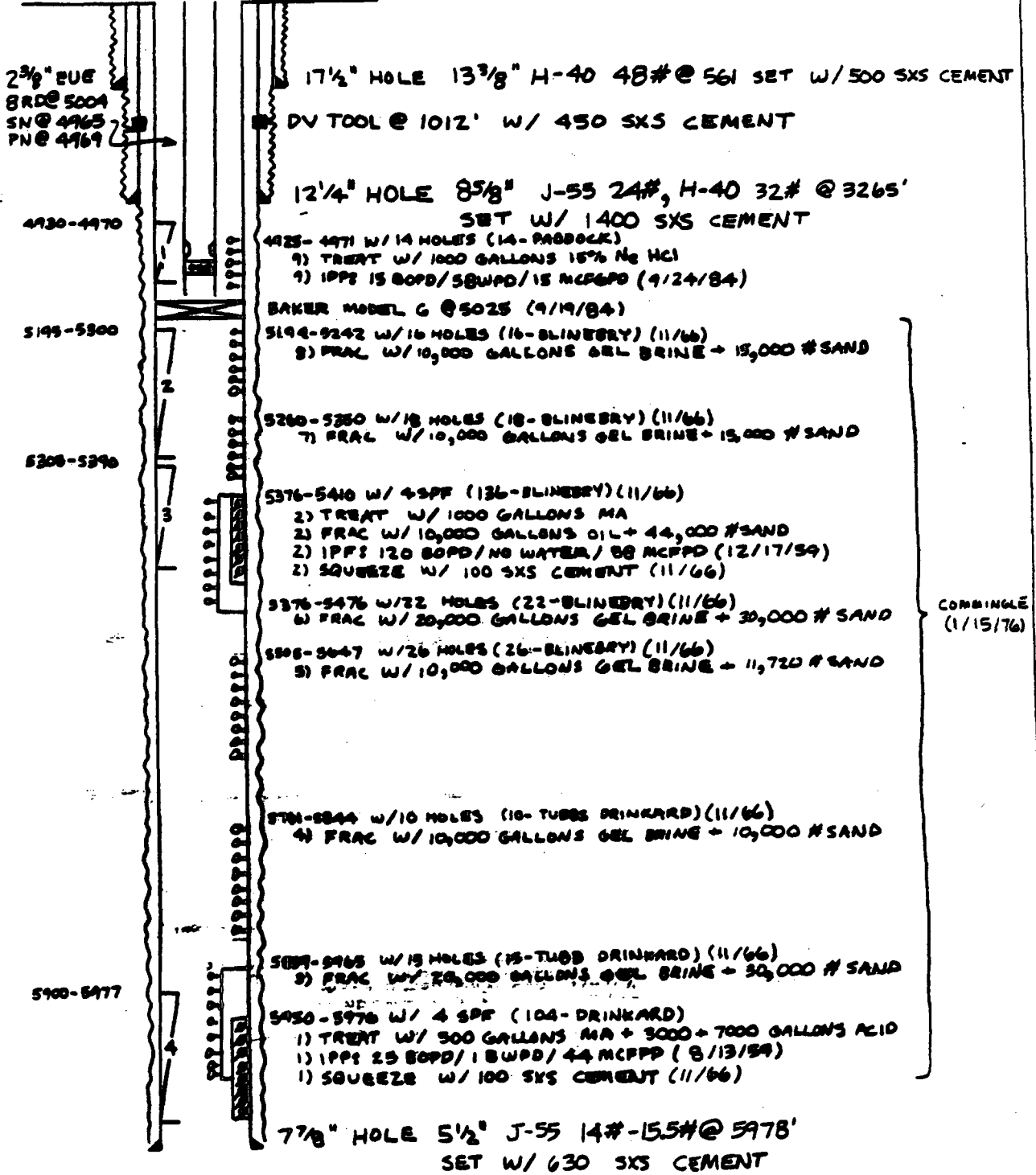
MIDLAND DISTRICT

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

BLOCKER #5
 750 FWL/ 2310 FNL SECTION 13-255-37E
 LEA COUNTY, NEW MEXICO
 ELEVATION: 3088
 SPUD: 5/20/59 COMP: 8/13/59

5/6/86 Update 1/23/89 REP

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



TD: 5980'
 PBD: 5025'

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - RAT		
		U	S	T	R						WATER BBL'S.	GRAV. OIL	OIL BBL'S.	GAS M.C.F.	CU.F.T.	
																Completion ☐
Union Texas Petroleum Corp. 4000 N. Big Spring, Suite 500, Midland, Texas 79705 4000 Waco Bldg., Midland, TX 79701		Justis (Blinebry & Tubb-Drinkard)														
BLOCKER	5	E	13	25	37	5-18-84	P	-	5	24	0	36.6	5	54	108	
BLOCKER	6	D	13	25	37	5-17-84	P	-	7	24	3	36.6	5	48	96	
CARLSON "A"	3	N	25	25	37	5-4-84	P	-	12	24	2	37.5	9	96	104	
CARLSON "A"	4	M	25	25	37	5-7-84	P	-	10	24	12	37.5	8	118	144	

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 allowable 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.

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

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

William A. P. [Signature]
(Signatory)
Regulatory Compl. Coord.
(Title)

GAS-OIL RATIO TESTS

Operator Union Texas Petroleum Corp.		Pool Justis Paddock		County Lea		TYPE OF TEST - (X)		SCHEDULED (XX)		Completion []				GAS - OIL RATIO					
Address 4000 N Big Spring Ste 500, Midland, TX 79705						DATE OF TEST		CHOKE SIZE		YBG. PRESS		DAILY ALLOW. ABLE		LENGTH OF TEST HOURS		PROD. DURING TEST		GAS - OIL RATIO CU. FT./BBL	
LEASE NAME		WELL NO.		LOCATION U S T R		DATE OF TEST		CHOKE SIZE		YBG. PRESS		DAILY ALLOW. ABLE		LENGTH OF TEST HOURS		PROD. DURING TEST		GAS - OIL RATIO CU. FT./BBL	
Blocker		4		F 13 25 37		5/22/88		--		--		1		24		5 35 1		5 5000	
Blocker		5		E 13 25 37		5/22/88		--		--		2		24		5 35 1		5 5000	

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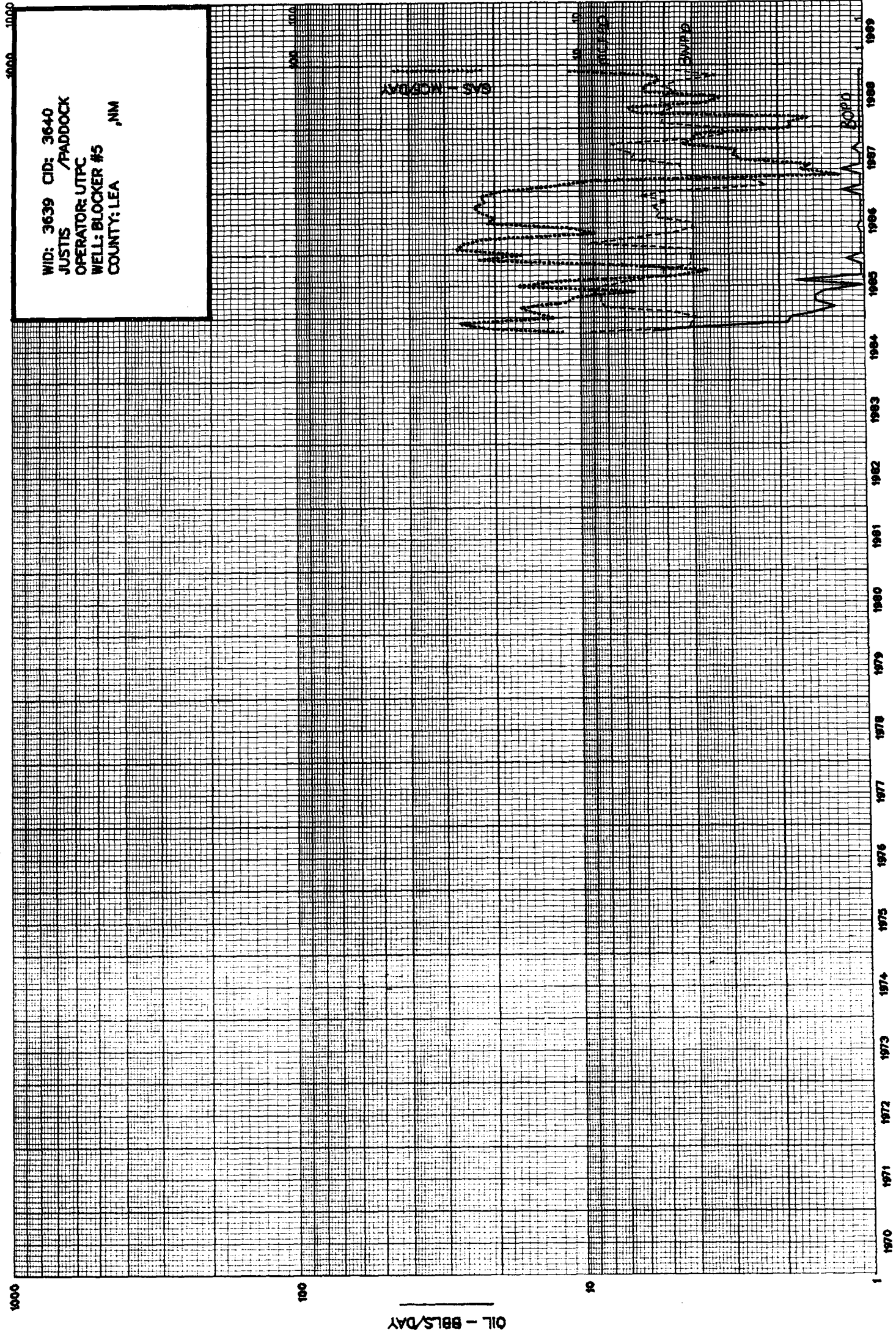
Report rating pressure in lieu of tubing pressure for any well producing through casing.

Must 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.

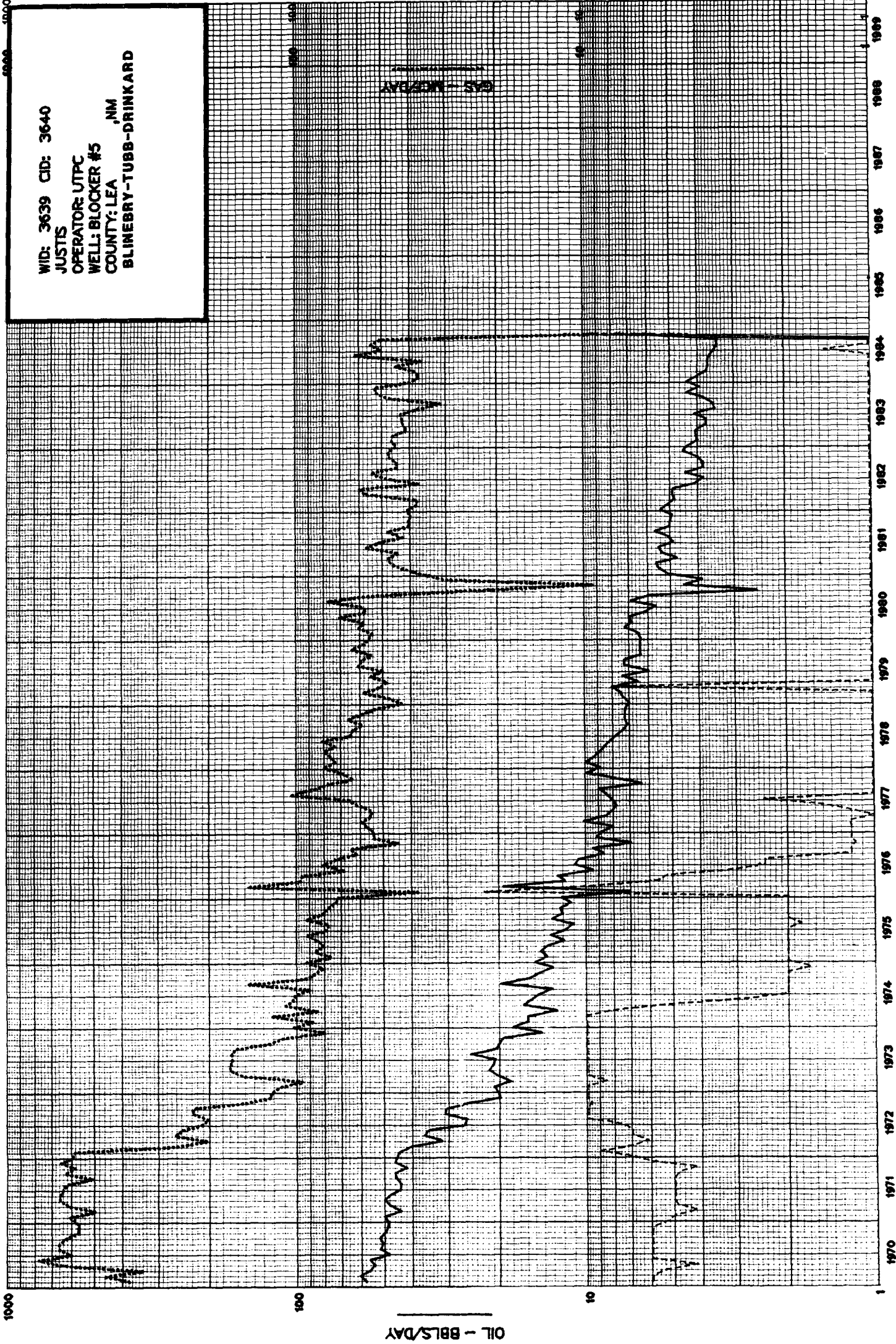
Karen F. Hickey
(Signature)
Production Analyst

6/6/88
(Date)



WID: 3639 CID: 3640
JUSTIS /PADDOCK
OPERATOR: UTPC
WELL: BLOCKER #5
COUNTY: LEA ,NM

WID: 3639 CID: 3640
JUSTIS
OPERATOR: UTPC
WELL: BLOCKER #5
COUNTY: LEA, NM
BLINEBRY-TUBB-DRINKARD



Allocation as per DHC-175

Blunby - 92%

Prod at that time -

Tubb-Drinkard - 8%

Blunby - 12 BOPD 92 MCF/D

Tubb-Drinkard - 1 BOPD 6.6 MCF/D

Allocation: Blunby Oil 92% Gas 93%

Tubb-Drinkard Oil 8% Gas 7%

Prod at time of TA - 1984 - 5 BOPD 54 MCF/D

Blunby - $(.92)(5) = 4.6$ BOPD $(.93)(54) = 50$ MCF/D

Tubb-Drinkard - $(.08)(5) = .4$ BOPD $(.07)(54) = 4$ MCF/D

Current Paddock Prod - 1 BOPD 5 MCF/D

Allocation: Blunby Oil 77% Gas 85%

Tubb-Drinkard Oil 7% Gas 7%

Paddock Oil 16% Gas 8%