

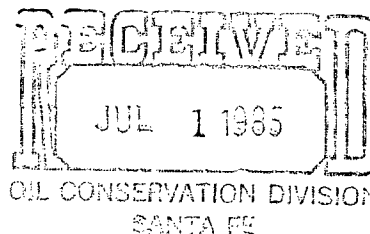


Amoco Production Company

Post Office Box 68
Hobbs, New Mexico 88240

L. R. Smith
District Manager

June 28, 1985



File: LRS-1307-WF

Re: Application to Downhole Commingle
Gillully "B" Federal No. 10
Blinebry and Tubb Oil Pools
660' FNL x 1980' FEL
Sec. 22, T-20-S, R-37-E
Lea County, New Mexico

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

Attention: R. L. Stamets, Director

Approval is being requested to downhole commingle the Gillully "B" Federal No. 10 well in accordance with NMOCD Rule 303 C.

The Gillully "B" Federal No. 10 is located 660' FNL x 1980' FEL of Section 22, T-20-S, R-37-E, Lea County, New Mexico. The well was originally completed in the Monument Tubb-Drinkard (now the Monument Tubb Pool, R-2800) on 7-21-63. The Tubb was temporarily abandoned in March, 1985 and the well was recompleted to the Wier Blinebry. The well is currently on artificial lift in the Blinebry.

The immediate offset well to the Gillully "B" Federal R/A A No. 10 is Conoco's SEMU Skaggs No. 84, which is located in Unit A of Section 22, T-20-S, R-37-E. Conoco received approval to downhole commingle the Blinebry and Tubb zones under Administrative Order No. DHC-143.

In support of our request, we submit the following facts:

1. The latest 24-hour productivity tests are as follows:

	<u>DATE</u>	<u>BOPD</u>	<u>BWPD</u>	<u>MCFD</u>	<u>PERFORATIONS</u>
Blinebry	6-21-85	15	15	9	5,670-5,780'
Tubb	2-13-85	12	12	67	6,464-6,572'

2. Neither zone produces more than the combined oil limit as determined in Rule 303, Paragraph C, Section 1-a(1) and a(3).
3. The produced fluids should be compatible and commingling these fluids should not result in precipitates which might damage the reservoir.
4. Downhole commingling of the Blinebry and Tubb will not jeopardize the efficiency of future secondary recovery operations in either zone.
5. The two zones are surface commingled and therefore no depreciation of value will occur from downhole commingling.
6. Expected daily production from the commingled zones is as follows:

	<u>Blinebry</u>	<u>Tubb</u>	<u>Commingled</u>
BOPD	15	12	27
BWPD	15	12	27
MCFD	9	67	76

7. As stated earlier, the immediate offset well is currently downhole commingled in the Tubb and Blinebry. Since this well has met the bottomhole pressure requirements for downhole commingling and is in such close proximity of the subject well, Amoco believes the bottomhole pressures on our Gillully "B" Federal R/A A No. 10 are comparative and should also meet the requirements.
8. Both zones to be commingled have common ownership.
9. Recommended oil and gas allotments are as follows:

	<u>Oil</u>	<u>Gas</u>
Blinebry	56%	12%
Tubb	44%	88%

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Page 3

These allotments were derived from the total commingled production on a percentage basis.

10. Conoco, the only offset operator to the proration unit has been notified by certified mail.(Copy of receipt attached)
11. Attached are: Ownership plat showing the well and all offsets, production decline curves for both zones and a list of the offset operators and their addresses.

Should you require additional information regarding this matter, feel free to contact Nevin Gates at (505) 393-1781, Extension 250.

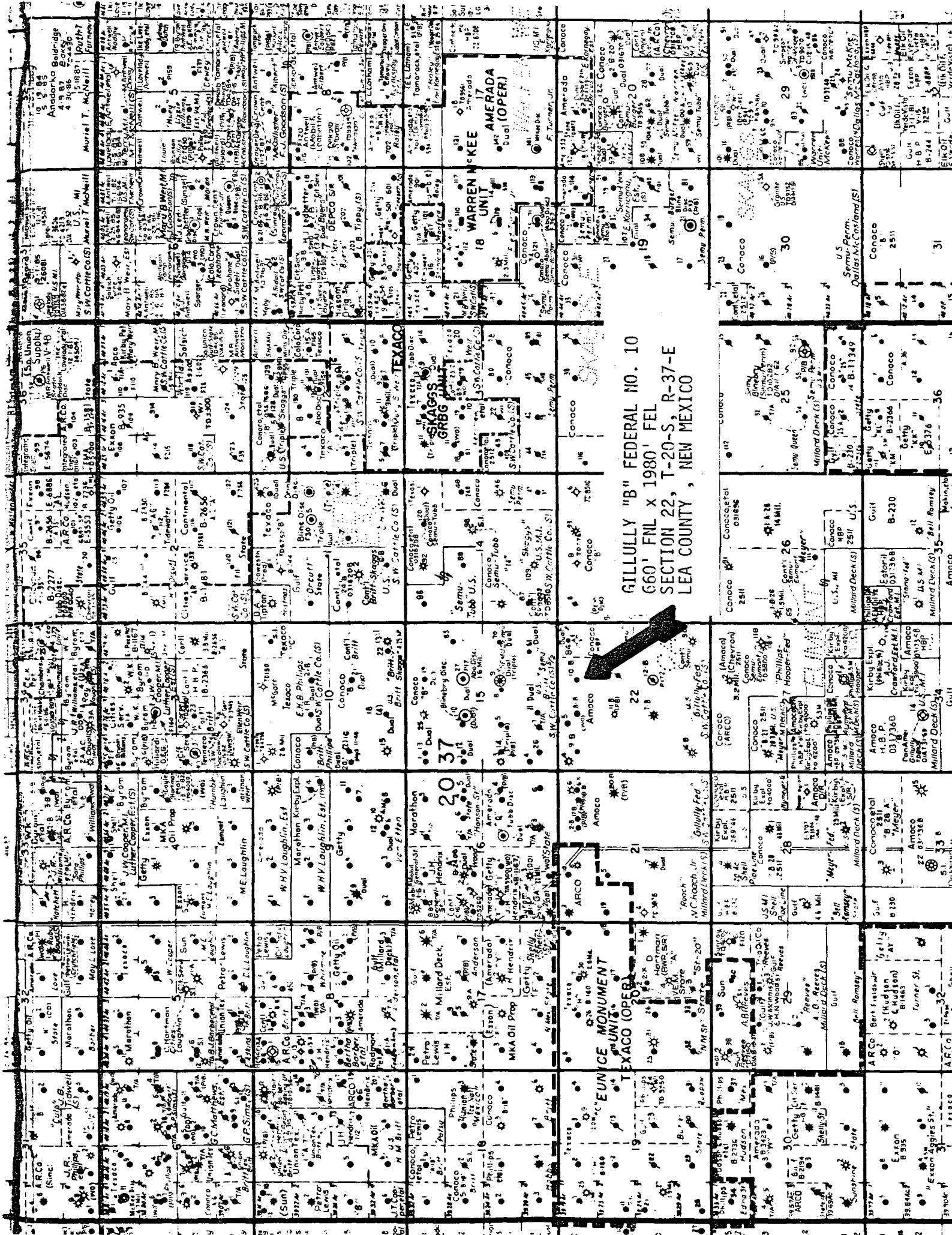


NLG/tjt
APRD02-J

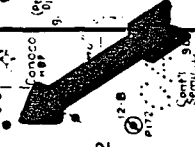
Attachments

cc: State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 1980
Hobbs, NM 88240

United States Department of the Interior
Bureau of Land Management
P. O. Box 1778
Carlsbad, NM 88220



GILLULLY "B" FEDERAL NO. 10
660' FNL X 1980' FEL
SECTION 22, T-20-S, R-37-E
LEA COUNTY, NEW MEXICO



CE MONUMENT
TEXACO (OPER)

CE MONUMENT
TEXACO (OPER)

CE MONUMENT
TEXACO (OPER)

PLOT 2

18-29-28

MCD 27 MAR, 1985

JOB-6634F112, SOCO, TULSA CENTER

D155FLA VER 8.2

INDUSTRY PRODUCTION DATA RATE-TIME PLOTS

API NO: 300250000000

GENID: 4W018209

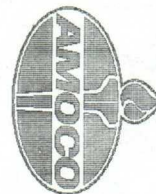
RESERVOIR: TB

COMP DATE:

TOT. OIL CUM:

TOT. GAS CUM:

PERFS:



WELL: GILLULITY B FEDERAL RA A

000010

FIELD: MONUMENT TUBB

TB 008052674

OPERATOR: AMOCO PRODUCTION CO

019922

STATE: NM 30 COUNTY: LEA

025

FIRST PROD LAST PROD 84 09

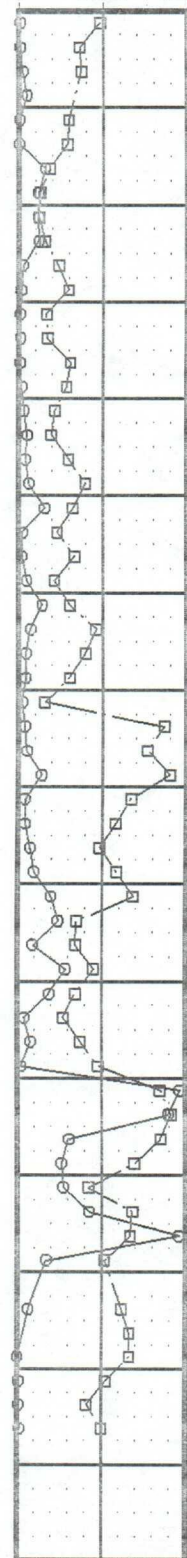
REQUESTOR: MILLS FOR WILKINSON LOCATION: HOBBS

19,639
539,620

PERCENT BSW
0 50 100

FTP IN PSIG
0 50 100

GOR - CFPB
0 250000 500000



MAJOR PRODUCT

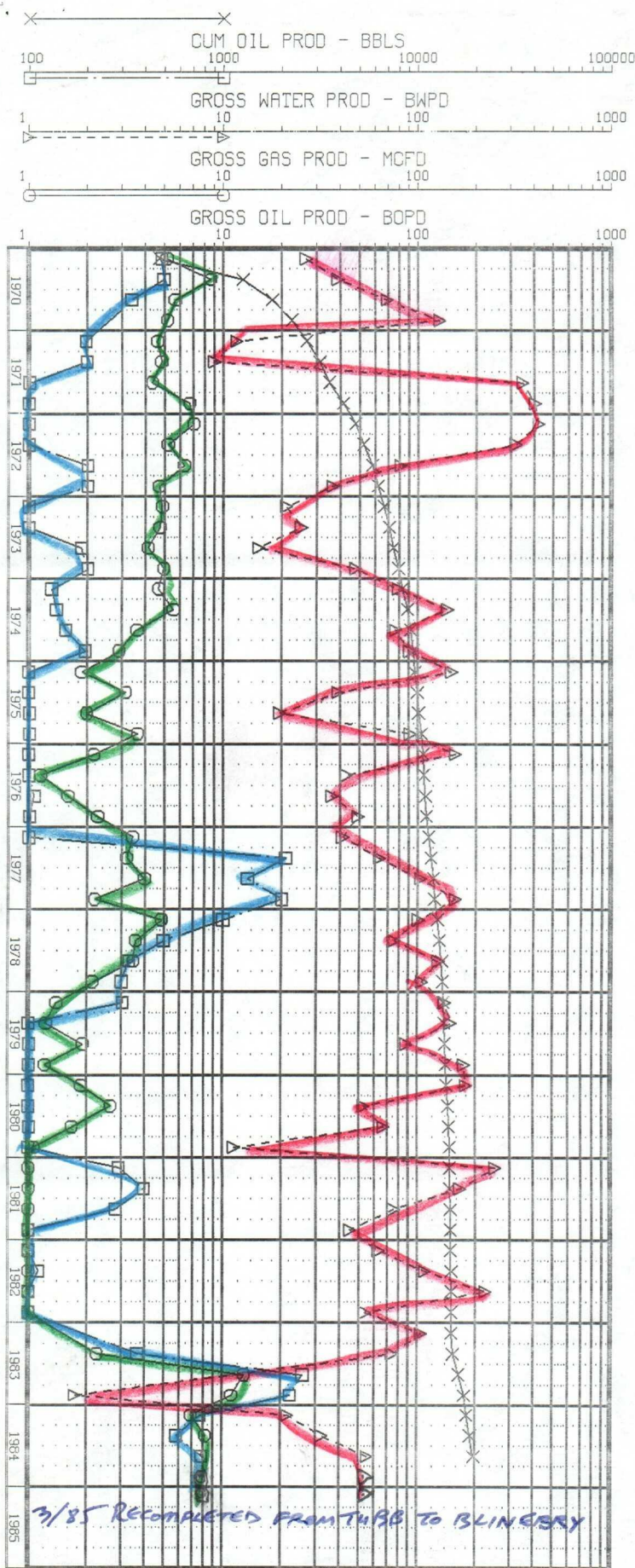
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CUM OIL PROD - BBLS

GROSS WATER PROD - BWPD

GROSS GAS PROD - MCFD

GROSS OIL PROD - BOPD



1985-03-27

TIME

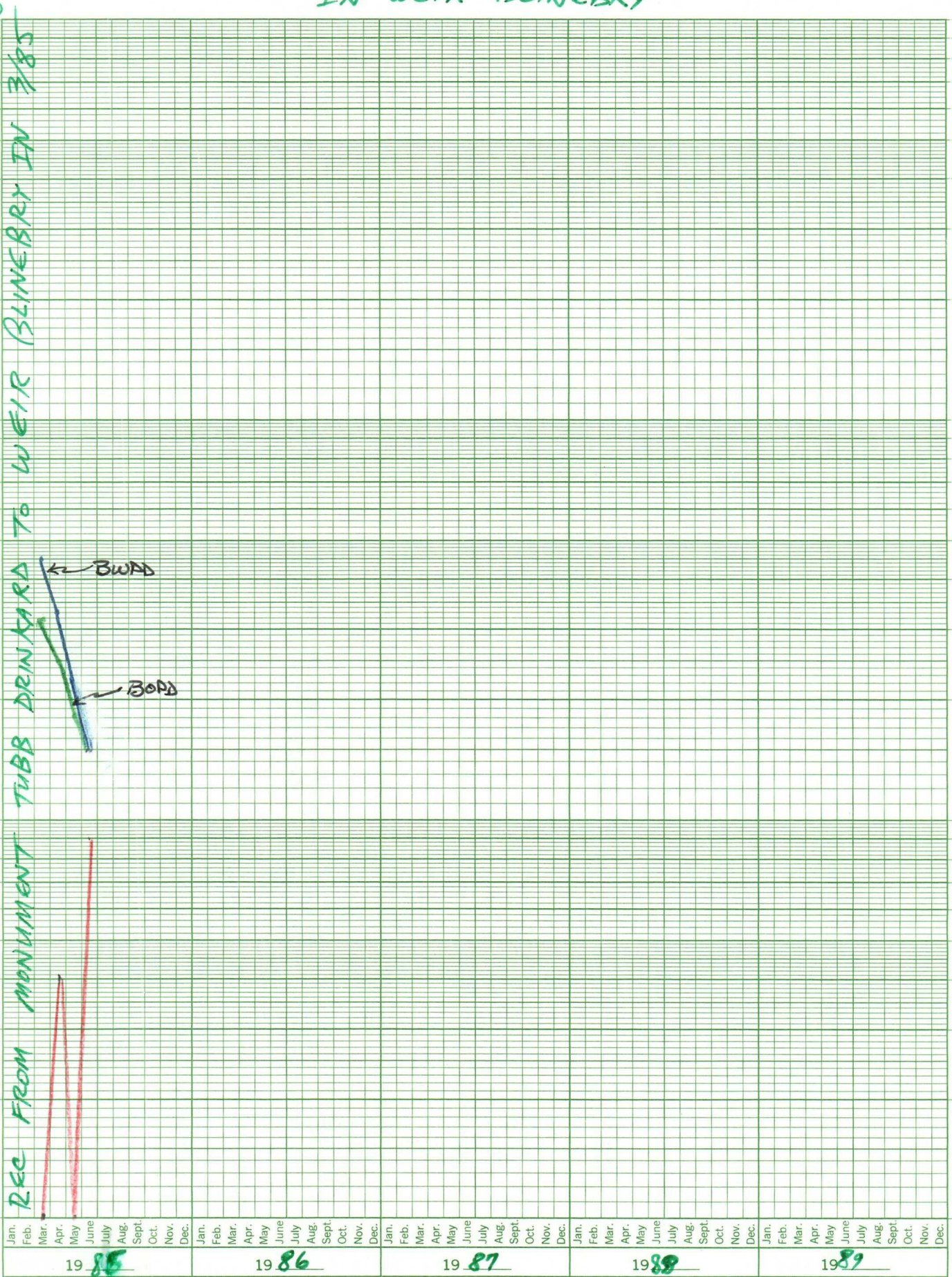
REPORT NUMBER 321

GILLULLY "B" NO. 10 IN WEIR BLINEBRY

KE 5 YEARS BY MONTHS x 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 6690

BOPD BOPD MCFD



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator AMOCO PRODUCTION COMPANY			Lease GILLULLY "B" FEDERAL R/A A		Well No. 10
Letter B	Section 22	Township 20-S	Range 37-E	County LEA	

Actual Footage Location of Well:

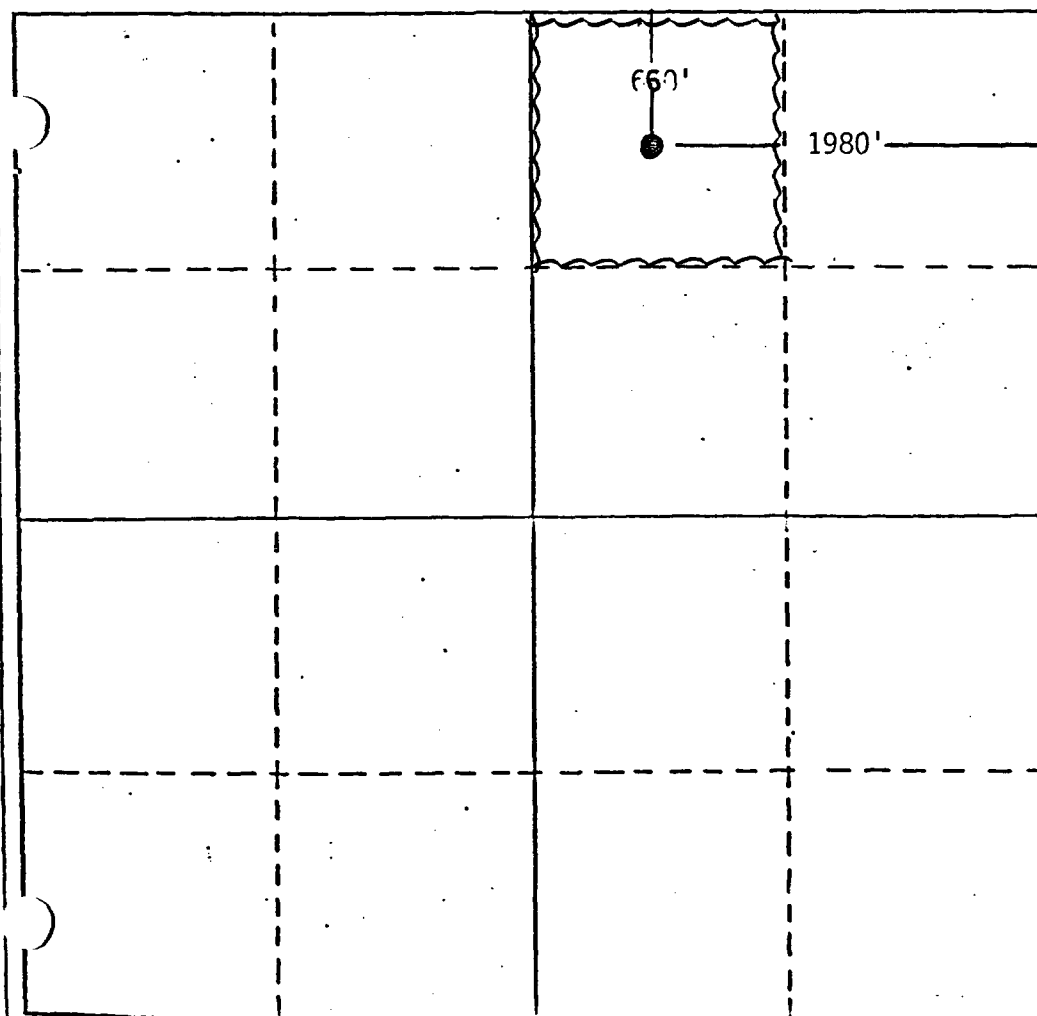
660 feet from the North line and 1980 feet from the East line	
Ground Level Elev. 3549 RDB	Producing Formation Blinebry
Pool Weir Blinebry	Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name *Harry C. Clark*
Position **Asst. Admin. Analyst**

Company
Amoco Production Company

Date
11-27-84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer
and/or Land Surveyor

Certificate No. _____

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

OFFSET OPERATOR ADRESSEE LIST

Conoco, Inc.
Box 460
Hobbs, New Mexico 88240

GAS-OIL RATIO TESTS

Amoco Production Company		Pool	County											
P. O. Box 68, Hobbs, New Mexico 88240		Lea												
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>				
		U	S	T						R	WATER BBL.S.	GRAV. OIL	OIL BBL.S.	GAS M.C.F.
Gilluly B Federal R/A "A"	10	B	22	20	37	2-13-85		13	24	12		12	67	5,583

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 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 331 and appropriate pool rules.

0+2-NMOC, H 1- File:533.11 1-CMH

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

Charles M. Kering
(Signature)

Administrative Analyst (SG)

6-28-85

GAS-OIL RATIO TESTS

Amoco Production Company		Pool	Weir BLINNEY		County	Lea								
P. O. Box 68, Hobbs, New Mexico 88240		TYPE OF TEST - (X)		Completion <input type="checkbox"/>		Special <input checked="" type="checkbox"/>								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKES SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL	
		U	S	T						R	WATER BBL'S.	GRAV. OIL		OIL BBL'S.
Gilluly Federal R/A "A"	10 B	22	20	37	6-21-85 P			31	24	15		15	9	600

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 Division.
Gas volume 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 33 and appropriate pool rules.

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

Charles M. Leung
(Signature)
Administrative Analyst (SG)
6-28-85

O+2-NMOC, H 1- File:533.11 1-CMH

P 323 55U 826

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		CONOCO, INC.	
STREET AND NO.		BOX 2197	
P.O., STATE AND ZIP CODE		HOUSTON, TEXAS 77252	
POSTAGE		\$39	
CERTIFIED FEE		75¢	
SPECIAL DELIVERY		¢	
RESTRICTED DELIVERY		¢	
SHOW TO WHOM AND DATE DELIVERED		¢	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		90¢	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢	
TOTAL POSTAGE AND FEES		204	
POSTMARK OR DATE			
1985			

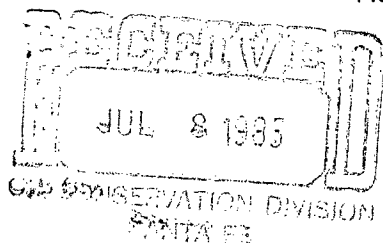
PS Form 3800, Apr. 1976



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

July 3, 1985

TONY ANAYA
GOVERNOR



POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88240
(505) 393-6161

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

RE: Proposed:

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

Gentlemen:

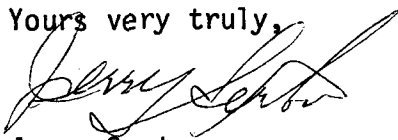
I have examined the application for the:

Amoco Production Co.	Gillully "B" Federal	No. 10-B	22-20-37
Operator	Lease & Well No. Unit	S-T-R	

and my recommendations are as follows:

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

Yours very truly,


Jerry Sexton
Supervisor, District 1

/mc