



**Amoco Production Company**

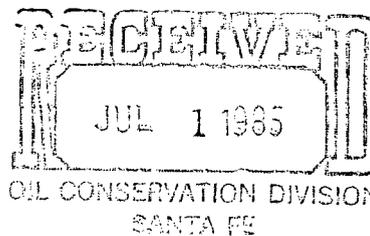
Post Office Box 68  
Hobbs, New Mexico 88240

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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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

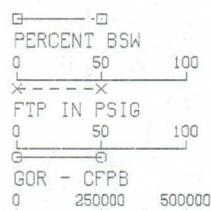




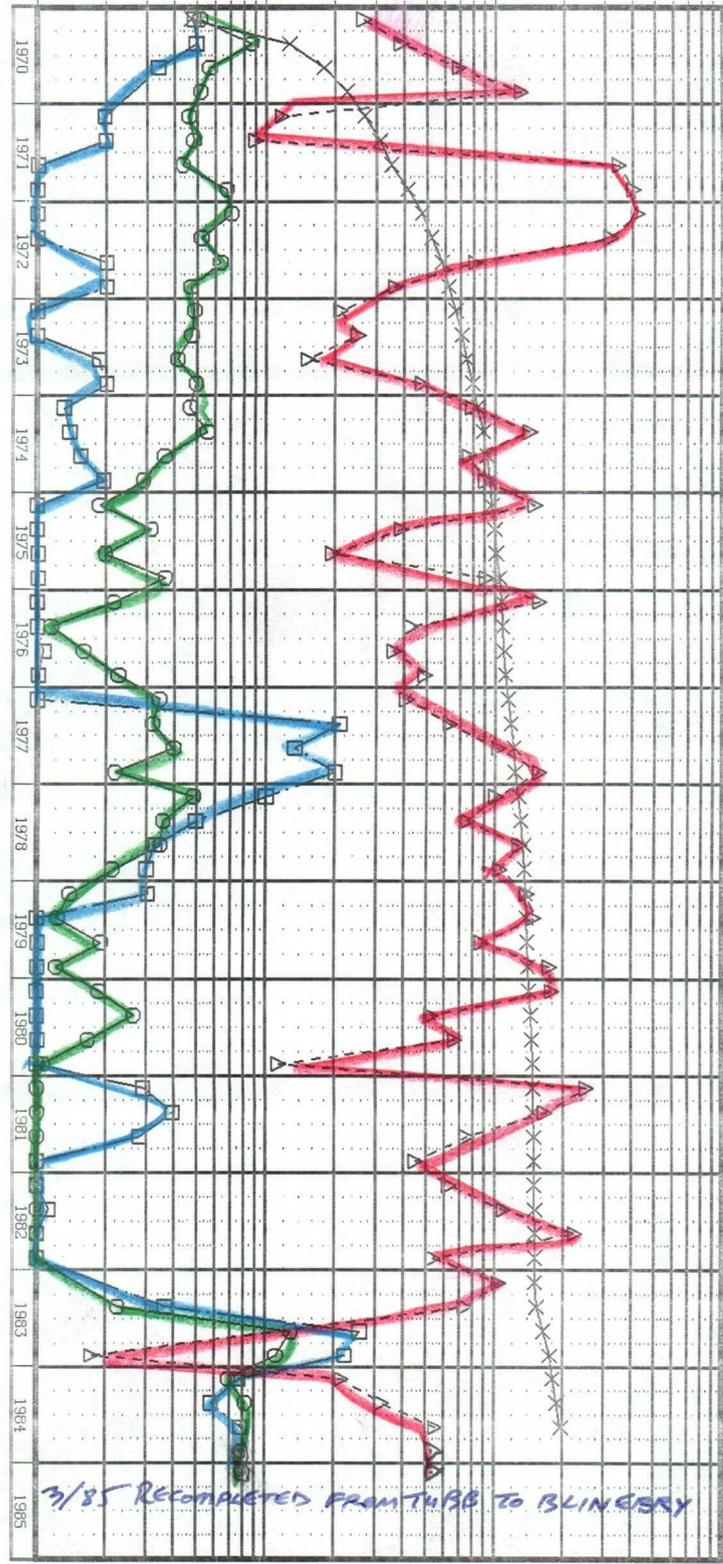
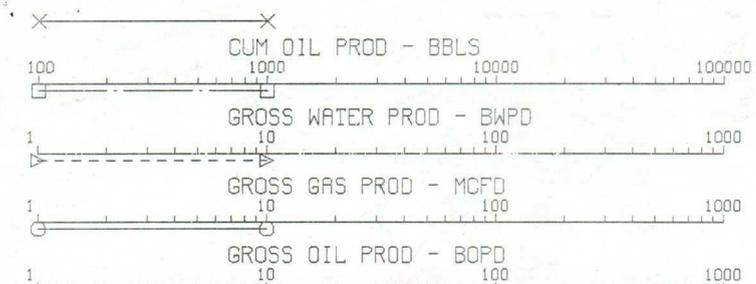
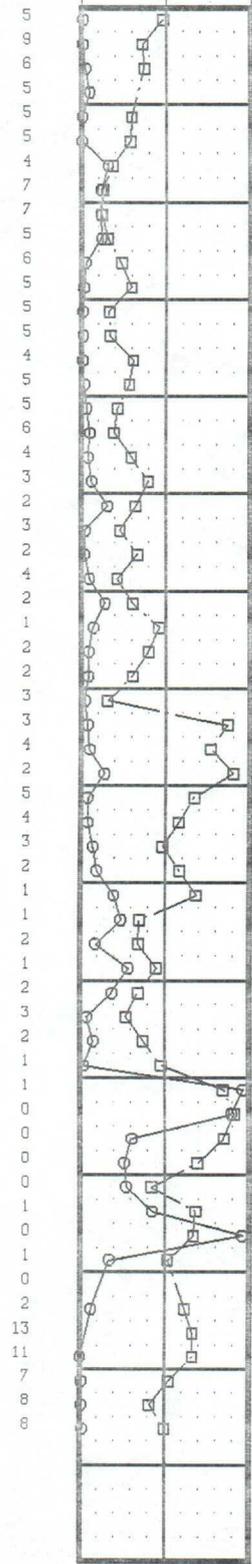
# INDUSTRY PRODUCTION DATA RATE-TIME PLOTS

**OIL**  
 WELL: GILLULY B FEDERAL RA A 000010 GENID: 4W018209  
 FIELD: MONUMENT TUBB TB 008052674 RESERVOIR: TB  
 OPERATOR: AMOCO PRODUCTION CO 019932 COMP DATE:  
 STATE: NM 30 COUNTY: LEA 025 TOT OIL CUM: 19,639  
 FIRST PROD LAST PROD 84 09 TOT GAS CUM: 539,620  
 REQUESTOR: MILLS FOR WILKINSON LOCATION: HOBBS PERFS:

API NO: 300250000000



MAJOR PRODUCT



3/85 RECOMPLETED FROM TUBB TO BLINERSKY

1985-03-27

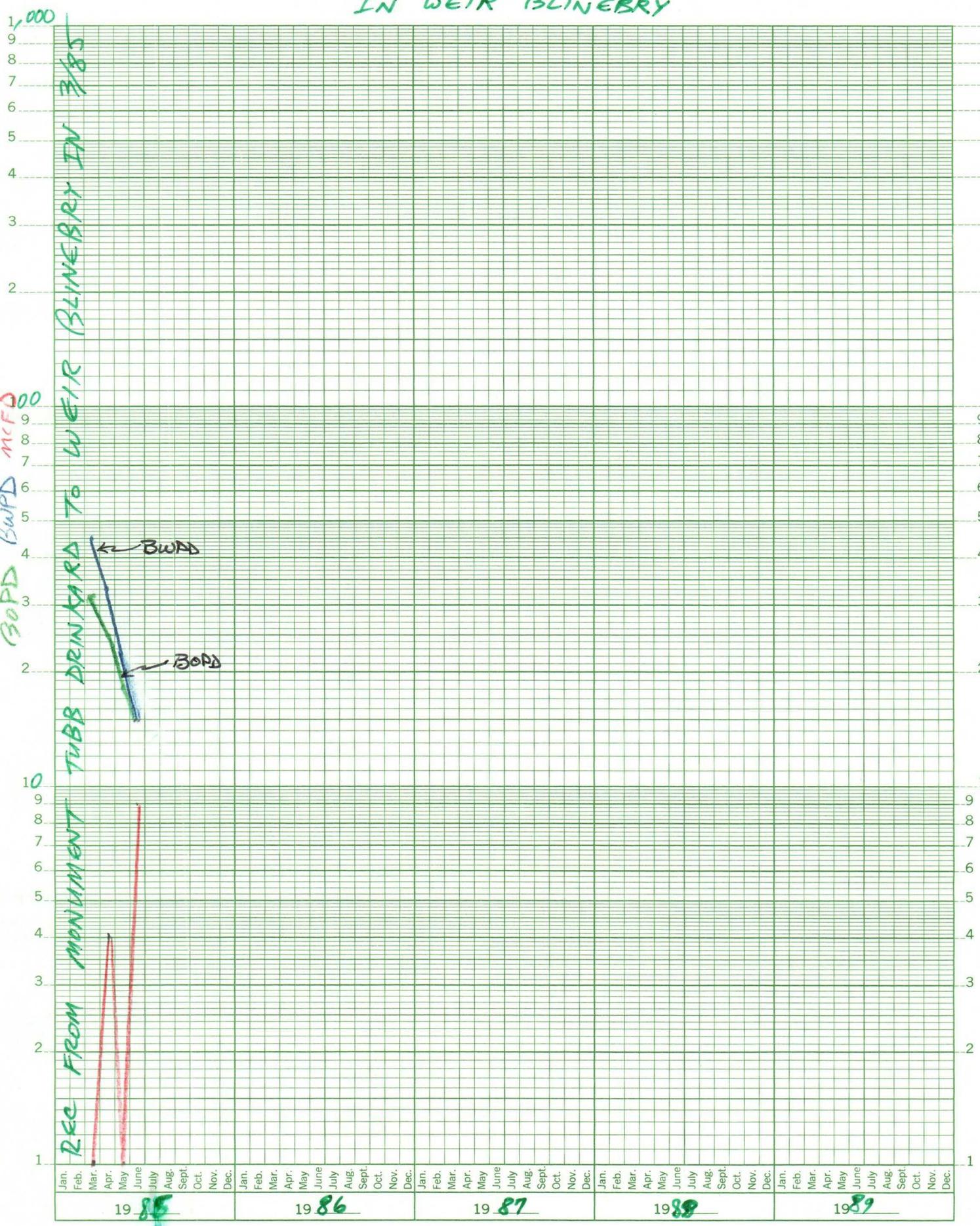
TIME

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 BWPD MCFD



REC FROM MONUMENT TUBS DRINKARD TO WEIR BLINEBRY IN 3/85

19 85

19 86

19 87

19 88

19 89

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.

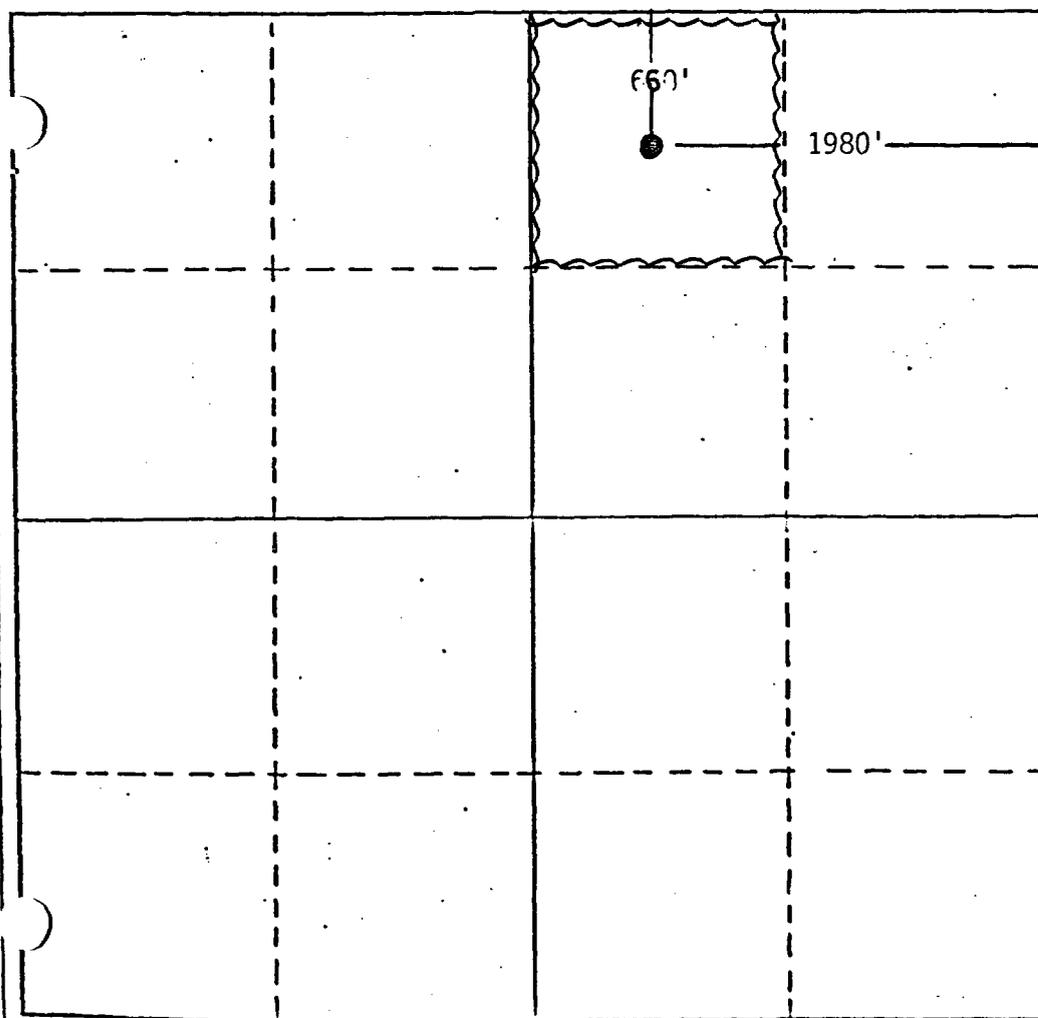
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GILLULLY "B" FEDERAL R/A A</b>		Well No. <b>10</b>
Letter <b>B</b>	Section <b>22</b>	Township <b>20-S</b>	Range <b>37-E</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>1980</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3549</b>	RDB <b>RDB</b>	Producing Formation <b>Blinebry</b>	Pool <b>Weir Blinebry</b>	Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 *Mary C. Clark*

Position **Asst. Admin. Analyst**

Company **Amoco Production Company**

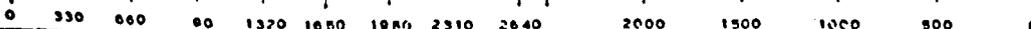
Date **11-27-84**

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. \_\_\_\_\_



OFFSET OPERATOR ADRESSEE LIST

Conoco, Inc.  
Box 460  
Hobbs, New Mexico 88240

GAS-OIL RATIO TESTS

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	T.B.G. 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.		GAS M.C.F.
Gilluly B Federal RA "A"	10	B	22	20	37	2-13-85	13	24	12	12	67	5,583			

County Lea

Well Monument Tubb

Amoco Production Company  
 P. O. Box 68, Hobbs, New Mexico 88240

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

*Robert M. Kering*  
 (Signature)  
 Administrative Analyst (SG)

6-28-85

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

GAS-OIL RATIO TESTS

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKED SIZE	T.B.G. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.F.T./BBL	
		U	S	T						R	WATER BBL'S.	GRAV. OIL	OIL BBL'S.		GAS M.C.F.
Gilluly Federal R/A "A"	10	B	22	20	37	6-21-85	31	24	15	15	9	600			

Company Amoco Production Company  
Pool Weir Blinberry  
County Lea

P. O. Box 68, Hobbs, New Mexico 88240

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 35 percent. Operator is encouraged to take advantage of this 35 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 333 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. Keating*  
(Signature)  
Administrative Analyst (SG)  
6-28-85

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
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	75 c
	SPECIAL DELIVERY	c
	RESTRICTED DELIVERY	c
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM AND DATE DELIVERED	c
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	.90 c
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	c	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	c	
TOTAL POSTAGE AND FEES		2.04
POSTMARK OR DATE		1985

PS Form 3800, Apr. 1976

1985

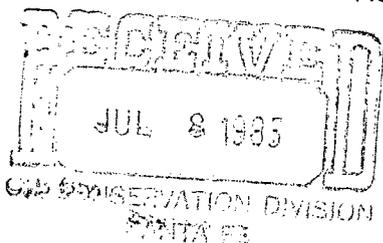


STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
 OIL CONSERVATION DIVISION  
 HOBBS DISTRICT OFFICE

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:

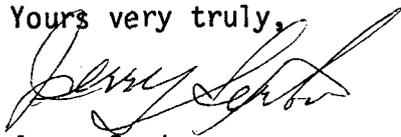
I have examined the application for the:

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