

Amoco Production Company
OIL CONSERVATION DIVISION
Post Office Box 88
Hobbs, New Mexico 88201 SANTA FE

S. J. Okerson
District Superintendent

DHC-324

Due-10/7/80

September 15, 1980

File: SJO-986.51 x WF-1161

Re: Application to Downhole Commingle
Grizzell Deep Well No. 1
Blinebry and Drinkard Oil Pools
Lea County, New Mexico

Chadwick Oil Co.

Drinkard

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

MC-1770
P. O. Box 2088
Santa Fe, NM

Gentlemen:

In accordance with Rule 303-C, Amoco Production Company requests administrative approval to downhole commingle oil production in our Grizzell Deep Well No. 1 located 660' FSL and 1980' FWL, Section 5, T-22-S, R-37-E, Lea County, New Mexico.

The subject well is completed as a pumping oil well in the Undesignated Blinebry and Undesignated Drinkard oil pools. The Blinebry produces 5 bbl oil, 38 bbl water and 74 MCFD. The Drinkard zone was reopened and produces 1 bbl oil, 11 bbl water and no gas. Total capable fluid production is 55 bbl. The fluid characteristics from both zones will be compatible in the well bore. The commingling of the Blinebry and Drinkard will not jeopardize the efficiency of future secondary recovery operations in either zone. The estimated bottom hole pressure for both zones is approximately 2000 psi. The value of the commingled production will not be less than the sum of the values of the individual streams.

apparently Blinebry - Shelly didn't produce.
well finished as Drinkard single.
Then resump in Blinebry.

BL 580' 74 mcf

Dr 1' 0'
74

Bottom of 5440 mcf 4030

September 12, 1980
File: SJO-986.51 x WF-1161
Page Two

<u>Formation</u>	<u>Gravity</u>	<u>Value/bbl</u>	<u>Est. Annual Prod.</u>	<u>Value/Prod.</u>
Blinebry	35.36	\$37.90	1825 bbl oil	\$69,160
Drinkard	<u>36.00</u>	<u>37.92</u>	<u>365 bbl oil</u>	<u>13,840</u>
Combined Production	35.50	\$37.92	2190 bbl oil	\$83,000

Attached is a 24 hr productivity test, (Form C-116), for the Blinebry and Drinkard, a production decline curve for the Drinkard, and a copy of certified mail receipts from letters to the offset operators.

Yours very truly,

S. J. O'Kerson
JEL

cc: E. D. Newman
Houston, TX

County
Lea

Special ☐

Grizzley Deep

RECEIVED
SEP 17 1980
OIL CONSERVATION DIVISION
SANTA FE

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/88L
		U	S	T	R							WATER 88L.S.	GRAV. OIL 88L.S.	OIL 88L.S.	GAS M.C.F.	
Grizwell Deep	1	N	5	22	37	2-25-80	P	--	50		24	38	--	5	74	14800
30 Day After Completion Test																

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.

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

Admn. Analyst
(Signature)

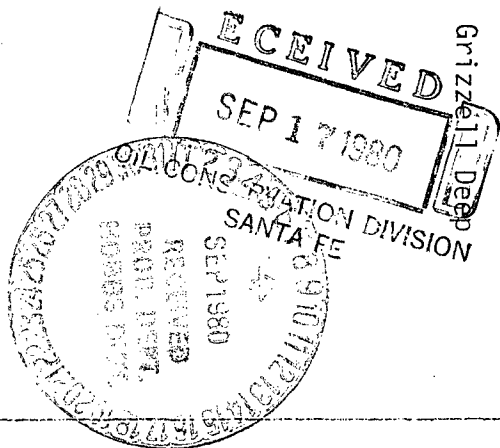
0 + 2 NMOCd, H 1-File 533.11 1-DRE

8-12-80

(Tides)

GAS-OIL RATIO TESTS

Operator Amoco Production Company		Pool Drinkard		County Lea											
Address P. O. Box 68 Hobbs, NM 88240		Type of Test TEST - (X)		Schedule <input checked="" type="checkbox"/> Special <input type="checkbox"/>											
LEASE NAME Grizzell Deep	WELL NO.	LOCATION		DATE OF TEST	CHOKE SIZE	TSG. PRESS.	DAILY ALLOW. ABL.	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU. FT./BBL.		
		U	S						T	R	WATER BBL.	GRAV. OIL BBL.		GAS W.C.F.	
	1	N	5	22-S	37-E	8-28-80	P	---	---	24	11	---	1	0	---



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

During gas-oil ratio tests, 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 allowances when authorized by the Division.

GAS volumes must be reported in MCF measured at a pressure base of 14.733 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.

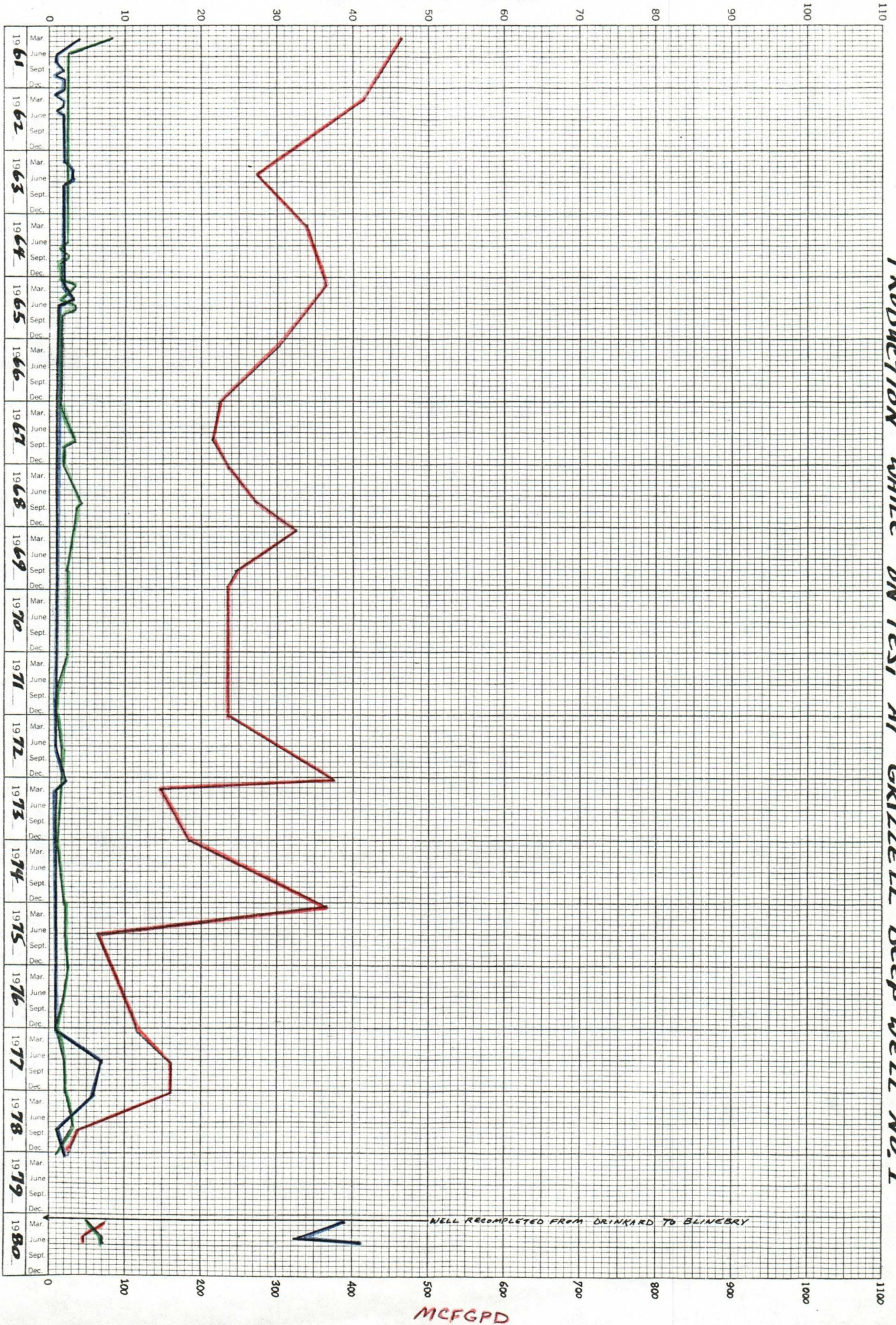
Mail original and one copy of this report to the District Office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

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

Alfonso J. Haddock
(Signature)
Assist. Admin. Analyst

BOPD AND BHPD

PRODUCTION WHILE ON TEST AT GRIZZELL DEEP WELL NO. 1



P08 3839609

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Apr. 1976

SENT TO STREET AND NO. Marathon Oil Company Box 2409 Hobbs, NM 86240		POSTAGE \$.28
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE \$.80
OPTIONAL SERVICES		SPECIAL DELIVERY ¢
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY ¢
SHOW TO WHOM AND DATE DELIVERED		¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢
TOTAL POSTAGE AND FEES		\$.45
POSTMARK OR DATE		SEP 1980

P08 3839607

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Apr. 1976

SENT TO STREET AND NO. Guy Oil Corp. Box 670 Hobbs, NM		POSTAGE \$.29
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE \$.80
OPTIONAL SERVICES		SPECIAL DELIVERY ¢
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY ¢
SHOW TO WHOM AND DATE DELIVERED		¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢
TOTAL POSTAGE AND FEES		\$.45
POSTMARK OR DATE		SEP 1980

P08 3839608

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Apr. 1976

SENT TO STREET AND NO. Solvay Natural Resources Co. Midland Bldg. Midland, OK 74115		POSTAGE \$.21
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE \$.80
OPTIONAL SERVICES		SPECIAL DELIVERY ¢
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY ¢
SHOW TO WHOM AND DATE DELIVERED		¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢
TOTAL POSTAGE AND FEES		\$.45
POSTMARK OR DATE		SEP 1980

P08 3839604

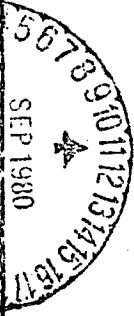
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED--
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Apr. 1976

SENT TO		Canoco	
STREET AND NO.		Box 460	
P.O. STATE AND ZIP CODE		Hobbs, N.M. 88240	
POSTAGE		.28	
CERTIFIED FEE		.86	
SPECIAL DELIVERY			
RESTRICTED DELIVERY			
SHOW TO WHOM AND DATE DELIVERED		.45	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY			
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			



P08 3839605

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED--
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Apr. 1976

SENT TO		Texaco, Inc.	
STREET AND NO.		Box 728	
P.O. STATE AND ZIP CODE		Hobbs, N.M. 88240	
POSTAGE		.28	
CERTIFIED FEE		.80	
SPECIAL DELIVERY			
RESTRICTED DELIVERY			
SHOW TO WHOM AND DATE DELIVERED		.45	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY			
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			



P08 3839606

RECEIPT FOR CERTIFIED MAIL

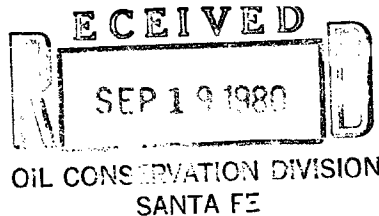
NO INSURANCE COVERAGE PROVIDED--
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Apr. 1976

SENT TO		W. B. Yarbrough	
STREET AND NO.		1800 1st Blvd. Bk.	
P.O. STATE AND ZIP CODE		Midland, TX.	
POSTAGE		.28	
CERTIFIED FEE		.80	
SPECIAL DELIVERY			
RESTRICTED DELIVERY			
SHOW TO WHOM AND DATE DELIVERED		45	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY			
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY			
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY			
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			





Amoco Production Company

Post Office Box 68
Hobbs, New Mexico 88240

S. J. Okerson
District Superintendent

September 9, 1980

File: SJ0-986.51 x WF-1142

Re: Waivers Consent
Downhole Commingling
Grizzell Deep Well No. 1
Lea County, New Mexico

W. B. Yarborough
1800 First National Bank Bldg.
Midland, TX 79701

Gentlemen:

We are requesting your approval as an offset operator for the downhole commingling of our Grizzell Deep Well No. 1 located 660' FSL and 1980' FWL, Section 5, T-22-S, R-37-E, Lea County, New Mexico. The subject well will be completed in the Undesignated Blinebry and Drinkard oil zones. The Blinebry produces 5 bbl oil, 26 bbl water, and 88 MCFD. The Drinkard produces 1 bbl oil, 11 bbl water, and no gas.

We have filed, with the NMOCD in Santa Fe, an application to downhole commingle production. We request that you approve and return a signed copy of this letter to this office and one to the NMOCD in Santa Fe.

Yours very truly,

ORIGINAL SIGNED BY S. J. OKERSON

cc: E. D. Newman
Houston, Tx

NMOCD
Box 1980
Hobbs, NM 88240

APPROVED:

BY:

DATE:

W. B. Yarborough
9-15-80



Amoco Production Company

Post Office Box 68
Hobbs, New Mexico 88240

S. J. Okerson
District Superintendent

September 9, 1980

File: SJ0-986.51 x WF-1142

Re: Waivers Consent
Downhole Commingling
Grizzell Deep Well No. 1
Lea County, New Mexico

Conoco, Inc.
Box 460
Hobbs, NM 88240

Gentlemen:

We are requesting your approval as an offset operator for the downhole commingling of our Grizzell Deep Well No. 1 located 660' FSL and 1980' FWL, Section 5, T-22-S, R-37-E, Lea County, New Mexico. The subject well will be completed in the Undesignated Blinbry and Drinkard oil zones. The Blinbry produces 5 bbl oil, 26 bbl water, and 88 MCFD. The Drinkard produces 1 bbl oil, 11 bbl water, and no gas.

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Yours very truly,

S. J. Okerson

cc: E. D. Newman
Houston, Tx

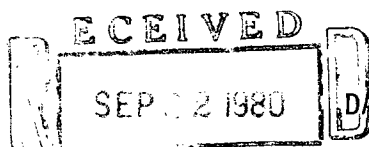
NMOCD
Box 1980
Hobbs, NM 88240

APPROVED: *John R. Kemp*

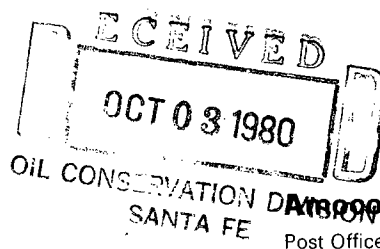
CONOCO INC.

BY: *John R. Kemp*

DATE: September 18, 1980



OIL CONSERVATION DIVISION
SANTA FE



Amoco Production Company
Post Office Box 68
Hobbs, New Mexico 88240

S. J. Okerson
District Superintendent

September 9, 1980

File: SJ0-986.51 x WF-1142

Re: Waivers Consent
Downhole Commingling
Grizzell Deep Well No. 1
Lea County, New Mexico

Sohio Natural Resources Company
Midland Bldg.
Cleveland, OH 44115

Gentlemen:

We are requesting your approval as an offset operator for the downhole commingling of our Grizzell Deep Well No. 1 located 660' FSL and 1980' FWL, Section 5, T-22-S, R-37-E, Lea County, New Mexico. The subject well will be completed in the Undesignated Blinbry and Drinkard oil zones. The Blinbry produces 5 bbl oil, 26 bbl water, and 88 MCFD. The Drinkard produces 1 bbl oil, 11 bbl water, and no gas.

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Yours very truly,

ORIGINAL SIGNED BY S. J. OKERSON

Re

cc: E. D. Newman
Houston, Tx

NMOCD
Box 1980
Hobbs, NM 88240

APPROVED:

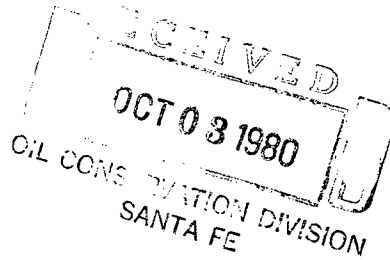
BY:

DATE:

J. Walters
Sohio Pet. Co
9/29/80



S. J. Okerson
District Superintendent



Amoco Production Company

Post Office Box 68
Hobbs, New Mexico 88240

September 9, 1980

File: SJ0-986.51 x WF-1142

Re: Waivers Consent
Downhole Commingling
Grizzell Deep Well No. 1
Lea County, New Mexico

Gulf Oil Corporation
Box 670
Hobbs, NM 88240

Gentlemen:

We are requesting your approval as an offset operator for the downhole commingling of our Grizzell Deep Well No. 1 located 660' FSL and 1980' FWL, Section 5, T-22-S, R-37-E, Lea County, New Mexico. The subject well will be completed in the Undesignated Blinbry and Drinkard oil zones. The Blinbry produces 5 bbl oil, 26 bbl water, and 88 MCFD. The Drinkard produces 1 bbl oil, 11 bbl water, and no gas.

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Yours very truly,

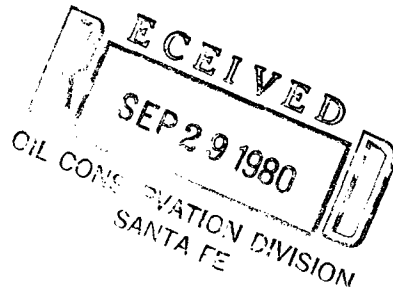
S. J. Okerson

cc: E. D. Newman
Houston, Tx

NMOCD
Box 1980
Hobbs, NM 88240

APPROVED: Gulf Oil Corporation

BY: *C.F. Kalteyer*
C.F. Kalteyer, Chief Proration
Engineer
DATE: September 24, 1980



Amoco Production Company

Post Office Box 68
Hobbs, New Mexico 88240

S. J. Okerson
District Superintendent

September 9, 1980

File: SJ0-986.51 x WF-1142

Re: Waivers Consent
Downhole Commingling
Grizzell Deep Well No. 1
Lea County, New Mexico

Marathon Oil Company
Box 2409
Hobbs, NM 88240

Gentlemen:

We are requesting your approval as an offset operator for the downhole commingling of our Grizzell Deep Well No. 1 located 660' FSL and 1980' FWL, Section 5, T-22-S, R-37-E, Lea County, New Mexico. The subject well will be completed in the Undesignated Blinebry and Drinkard oil zones. The Blinebry produces 5 bbl oil, 26 bbl water, and 88 MCFD. The Drinkard produces 1 bbl oil, 11 bbl water, and no gas.

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Yours very truly,

S. J. Okerson
cc

cc: E. D. Newman
Houston, Tx

NMOCD
Box 1980
Hobbs, NM 88240

APPROVED: *D. J. Mc...*

FOR: MARATHON OIL COMPANY

DATE: 9-23-80