Gulf Energy and Minerals Company-U.S.

PRODUCTION DEPARTMENT HOBBS AREA

C. D. Borland

February 9, 1976

P. O. Box 670 Hobbs, New Mexico 88240

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Re: Naomi Keenum No. 1, Unit J, Sec. 14-21S-37E, Lea County, N. M.

Mr. Joe D. Ramey N. M. Oil Conservation Commission P. O. Box 2088 Santa Fe, N. M. 87501

Dear Sir:

Your administrative approval is requested for an exception to Rule 303-A to permit down-hole commingling of marginal production in the subject well. The Drinkard and Blinebry oil production on this lease is presently commingled in storage on the surface under Amended Administrative Order No. PC-115. Surface commingling indicates that the fluids are compatible, and we do not expect any waste or reservoir damage due to down-hole commingling in the well bore. Ownership in the two pools is common, and correlative rights will not be violated. Down-hole commingling will allow the recovery of additional hydrocarbons from the well. Should secondary recovery operations become practical in the future, the two zones could be separated at that time without damaging either reservoir.

The Drinkard zone is presently being produced by rod pump. The Blinebry zone is a weak flowing well. If down-hole commingling is permitted, the existing pumping equipment will be utilized to lift the fluids from the two commingled zones.

Pertinent data regarding this application, as outlined in Rule 303-C, are attached for your consideration.

Yours very truly,

C. D. BORLAND

CRK:ec Att'd.

cc: N. M. Oil Conservation Commission, Hobbs
C. F. Kalteyer, Midland
Offset Operators: Continental, Mobil, Atlantic Richfield, Getty, Shell, J. R. Cone



1. Operator:

2. Lease and Well Number:

3. Pools Dualled:

4.

Decline Curves:

Attached.

5. Bottom Hole Pressure Data:

	Datum	Pressure at Datum
Blinebry Oil and Gas	-2400'	415 psi
Drinkard Oil	-3050'	500 psi (est.) *

Gulf Oil Corporation

Hobbs, N. M. 88240

Naomi Keenum No. 1 1980' F3L & 1980' FEL

Lea County, New Mexico

Blinebry Oil and Gas, Drinkard Oil

OCC Order No. MC-1244, November 5, 1962

Sec. 14-21S-37E

P. 0. Box 670

* Drinkard estimate based on most recent available average BHP data within vicinity of this well.

6. Fluid Characteristics: Drinkard and Blinebry production is presently being commingled on this lease (Amended Commingling Order No. PC-115 dated Nov. 25, 1975). There is no evidence of incompatibility.

7. Value of Commingled Fluids:

	BOPD	API Gvty. @ 60° F.	\$/Bbl.	Rev./Day	
Blinebry Oil and Gas Drinkard Oil	8 9	36.4 40.6	\$11.92 12.00	\$ 95 .3 6 108.00	
				\$203.36	
Commingled	17	38.6	\$11.96	\$20 3.3 2	
Difference				- \$ 0.04	

8. Current Tests:

Blinebry Oil and Gas (1-14-76) flowed 8 BOPD, 1 BWPD, GOR 3375. Drinkard Oil (1-13-76) pumped 9 BOPD, 2 BWPD, Gor 2444.

9. All offset operators have been notified by copy of attached letter: Continental Oil Company, Mobil Oil Corporation, Atlantic Richfield Company, Getty Oil Company, J. R. Cone, Shell Oil Company.

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<ul> <li>Well shall be produced at least 24 hours prior to shutting in for sonic test.</li> </ul>	t 24 hours prior to sh	utting in for sonic test.			

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A. D.

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

Well Tester-Jarrel Cervices, Inc.

1-22-76



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