

PRENTICE WATTS  
VICE PRESIDENT  
PRODUCTION

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

May 1, 1970

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4 AM 8 21  
710 MAY

New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Re: Application for Well-bore  
Commingling, State B Well No. 1  
Blinebry and Drinkard Pools  
Lea County, New Mexico

DHC - 44  
New May 24

Gentlemen:

Aztec Oil & Gas Company respectfully requests administrative approval, under provisions of Order No. R-3845, to commingle production within the well-bore from the Blinebry and Drinkard formations in its State B Well No. 1, Unit I, Sec. 36, T-22-S, R-37-E, Lea County, New Mexico. Authorization for the dual completion of this well was granted under Administrative Order No. MC-1613, dated April 1, 1965, and surface commingling of production was authorized by Order No. PC-291, dated January 3, 1966. Location of this lease and well are indicated on the attached plat.

Production from both reservoirs is marginal. Results of the most recent production tests are shown on the attached Forms C-116 and declines indicated on the attached production curves illustrate our proposed distribution of future oil and gas production from each reservoir. Both zones in this well are flowing, however, elimination of the packer and producing both zones through a single tubing string would most probably increase recovery from both reservoirs. A BHP survey conducted on the Drinkard zone on February 19, 1970 indicated a subsurface pressure of 930 psi and the survey conducted on the Blinebry zone by the New Mexico Engineering Committee in November, 1969 indicated a pressure of 952 psi.

Drinkard and Blinebry production has been commingled at the surface for the past four years with no evidence of incompatibility, therefore, none is anticipated with down hole commingling. Since the crudes have been commingled at the tank battery before being sold, there should be no difference in value between that commingled within the well bore and at the tank battery.

New Mexico Oil Conservation Commission  
May 1, 1970  
Page 2

All offset operators are being furnished a copy of this application. The State Land Office has also been furnished a copy of this application and requested to advise your office of their approval or disapproval. Your consideration and approval of this request will be greatly appreciated.

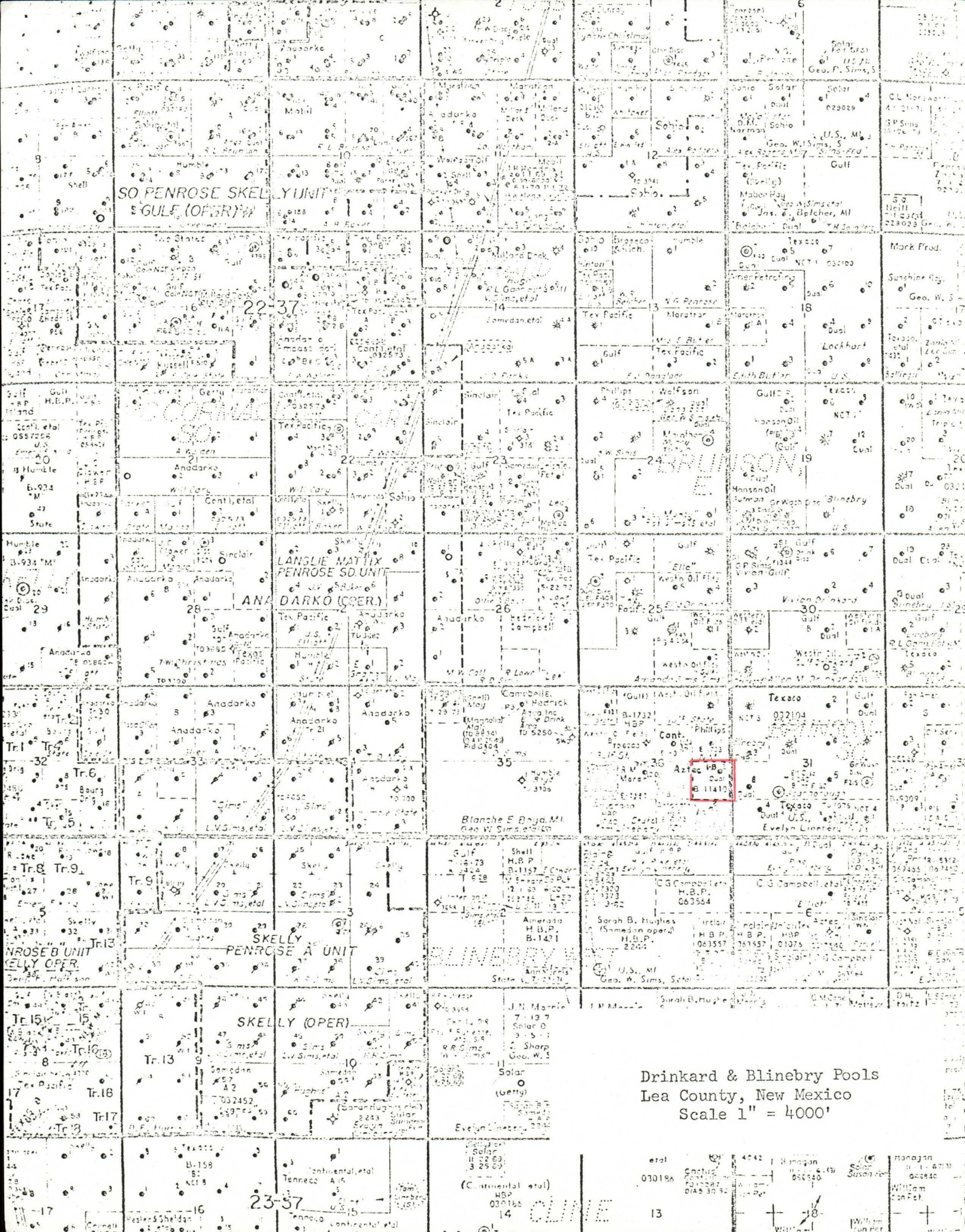
Very truly yours,

  
L. D. Eaton

LDE:bjr

Encls.

cc: New Mexico Oil Conservation Commission - Hobbs w/encl  
State Land Office - Santa Fe w/encl  
Continental Oil Company w/encl  
Gulf Oil Company w/encl  
Texaco, Inc. w/encl  
Phillips Petroleum Company w/encl



Drinkard & Blinberry Pools  
Lea County, New Mexico  
Scale 1" = 4000'



**NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS**

C-116  
Revised 1-1-65

Operator		Pool		County												
Aztec Oil & Gas Company		Blaineby (Oil)		Lea												
Address 2000 First National Bank Building, Dallas, Texas 75202				Type of Test - (X) <input checked="" type="checkbox"/> TEST - (X)												
LEASE NAME				Scheduled <input type="checkbox"/> Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>												
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./BBL		
	U	S	T							R	WATER BBL'S.	GRAV. OIL	OIL BBL'S.		GAS M.C.F.	
Gutman	2	L	11	21	37	4-15-70	F	20/64	235	26	24	1	37	25	401	16,040
State "B"	1	I	36	22	37	4-15-70	F	24/64	140	15	24	9	37	15	222	14,800

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 Commission.

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.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission 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.

*[Signature]*  
(Signature)

Staff Engineer  
(Title)

April 22, 1970

(Date)

Operator		Pool		County		LEA								
ADDRESS		DRINKARD		LEA										
P. O. BOX 837 HOBBS, NEW MEXICO 88240		03800		TYPE OF TEST - (X)		Scheduled <input checked="" type="checkbox"/> Special <input type="checkbox"/>								
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 type="checkbox"/>				GAS - OIL RATIO CU.FT./BBL
		U	S	T						R	WATER TEST BBL'S.	PROD. DURING TEST GRAV. OIL BBL'S.	GAS MC.F.	
GUTMAN	1	1	11	21	31	2/2/70	2"	35	24	1	37	11	79	7101
GUTMAN	2	1	11	21	31	2/3/70	2 3/8"	100	24	1	37	4 1/15	32 1/11	6000
AVERAGE GOR for Gutman No. 1 & No. 2 = 7590														
STATE "B"	1	1	35	22	31	2/2/70	2 3/8"	190	24	1	38	8	106	13250
STATE	1	11	2	21	37	2/3/70	2 3/8"	170	24	1	33	6	24	14000
STATE	2	2	2	21	37	2/4/70	2"	140	24	1	33	5	24	8800

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Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission 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.

Original signed by:  
LESTER L DUKE

LESTER L DUKE (Signature)  
DISTRICT SUPERINTENDENT  
(Title)  
February 5, 1970  
(Date)



Aztec Oil & Gas Company  
 State "B" Well No. 1  
 Blinebry & Drinkard Pools  
 Lea County, New Mexico