



# CONTINENTAL OIL COMPANY

P. O. BOX 460

HOBBS, NEW MEXICO

May 19, 1965

PRODUCTION DEPARTMENT  
HOBBS DISTRICT  
JACK MARSHALL  
DISTRICT MANAGER  
G. C. JAMIESON  
ASSISTANT DISTRICT MANAGER

1001 NORTH TURNER  
TELEPHONE: EX 3-4141

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Attention of Mr. A. L. Porter, Jr., Secretary-Director

Gentlemen:

Re: Application for Authority  
to Commingle - Britt B-8  
Lease

We forward herewith application, in triplicate, for authority to commingle oil produced from the Monument-Blaine and Monument-Paddock Oil Pools on our Britt B-8 Lease located in Section 8, T-20S, R-37E, Lea County, New Mexico. Attached to each application is a copy of the letter from the United States Geological Survey consenting to this commingling.

Your review and approval of this application will be sincerely appreciated.

Yours very truly,

GCJ-DFW  
Enc.

cc: NMOCC-Hobbs RGP GW JWK

Hobbs, New Mexico  
April 13, 1965

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

Attention of Mr. A. L. Porter, Jr., Secretary-Director

Gentlemen:

Re: Application of Continental Oil Company for Exception to Rule 303(A) in Order to Commingle the Oil Produced from the Monument Blinbry and Monument Paddock Oil Pools on its Britt B-8 Lease, Located in Section 8, T-20S, R-37E, NMPM, Lea County, New Mexico

Continental Oil Company requests an exception to Rule 303(A) for permission to commingle liquids produced from the captioned lease and in support thereof submits the following data:

1. Applicant's Britt B-8 Lease consists of Unit C, the NE/4 of the NW/4 of Section 8, T-20S, R-37E, Lea County, New Mexico. Exhibit No. 1, attached hereto, shows the lease, the wells thereon and the battery site.
2. The mineral rights under the Britt B-8 Lease are held by the Federal Government.
3. Production from the Monument Blinbry and Monument Paddock Oil Pools will be allocated on the basis of periodic gas-oil ratio tests since there are no top allowable wells in these pools. Exhibit No. 2, attached hereto, shows the latest test on each well and the average daily production by pools during the period of June 1, 1964 to January 1, 1965.
4. The gravity of the commingled production is approximately 37.1° API with a value of \$2.86 per barrel. The gravity and volume of production produced by pools is shown on Exhibit No. 2. Based on the production tests of 3 BOPD from the Monument Blinbry Pools and 40 BOPD from the Monument Paddock Oil Pools, the value of the commingled crude will exceed the total value of the separate production or approximately \$.75 per day.


5. One test facility (separator, meter and sampler) will be utilized for all wells on the lease and will provide accurate measurement of the performance of each individual well. Exhibit No. 3, attached hereto, shows the proposed installation. As shown, the facility conforms to the requirements of the "Manual for the Installation and Operation of Commingled Facilities" dated September 13, 1961.

6. Commingling of production will result in the prevention of waste and will not impair correlative rights.

In view of the facts stated above, it is respectfully requested that an exception to Rule 303(A) be granted permitting the commingling of production from the two reservoirs on the applicant's Britt A-6 Lease described above.

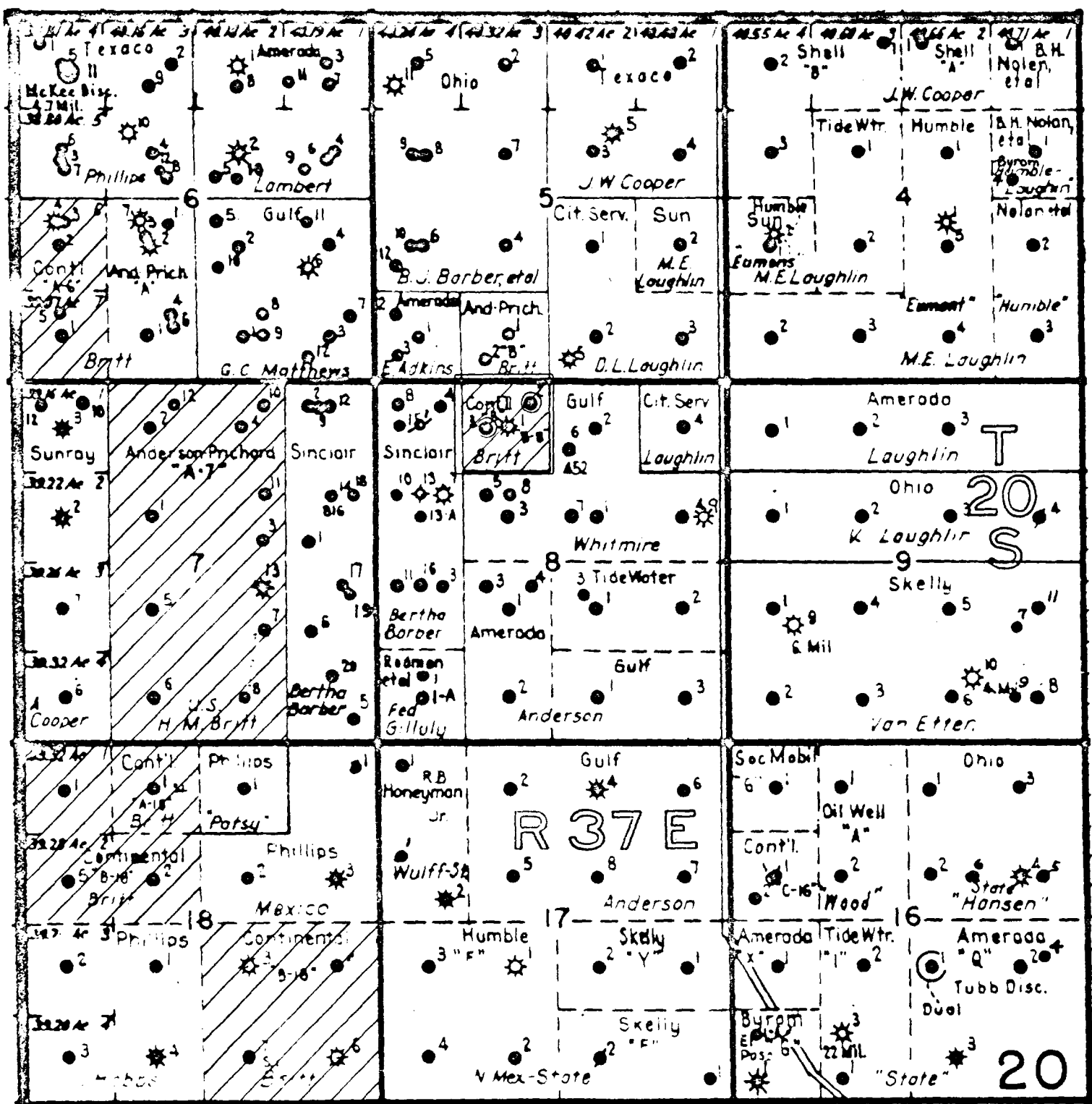
Yours very truly,

CONTINENTAL OIL COMPANY

BY:   
Jack Marshall  
District Manager of Production  
Hobbs District

JM-DFW

cc: NMOCC-Santa Fe(3)-  
RGP  
GW  
JWK  
JM  
File



- Tank Battery
- Monument Blinebry
- Monument Paddock

CONTINENTAL OIL COMPANY  
LOCATION PLAT  
BRITT B-8 LEASE  
LEA COUNTY, NEW MEXICO  
SCALE: 1" = 2,000'

BRITT B-8 LEASE

EXHIBIT NO. 2

<u>Well No.</u>	<u>Pool</u>	<u>Latest Test</u>				<u>Daily Avg. Prod. 6-1-64 to 1-1-65</u>	<u>Oil Gravity</u>	<u>Value</u>
		<u>Date</u>	<u>Oil</u>	<u>Wtr.</u>	<u>Gas</u>			
Britt B-8 No. 2	Monument- Blinebry	10-13-64	3	5	3.8	2.7 BOPD	38.2	\$2.89
Britt B-8 No. 3	Monument- Paddock	11-23-64	28	32	TSTM	27.2 BOPD	36.9	2.83

Separate Production:

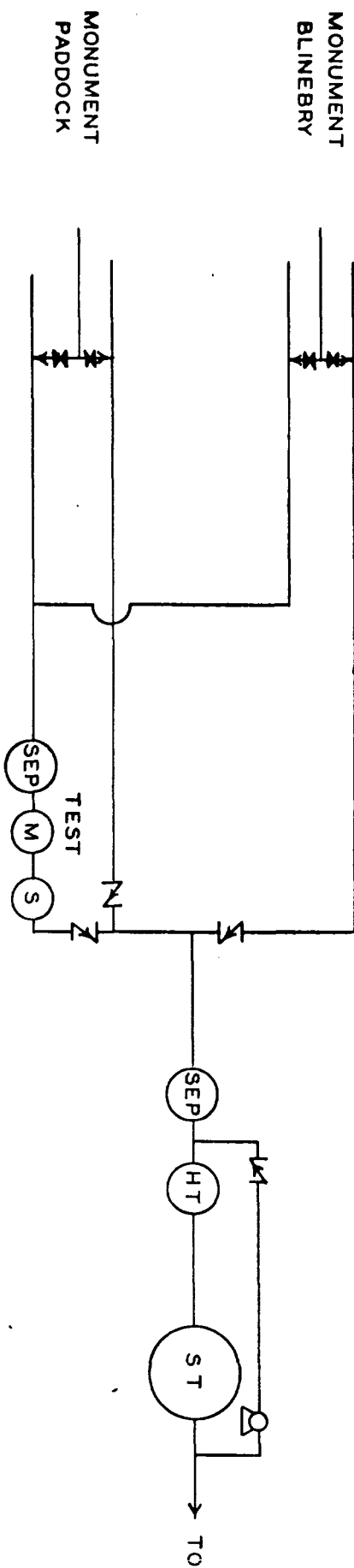
Monument Blinebry	3 BOPD @ 38.2° API	\$8.67
Monument Paddock	28 BOPD @ 36.9° API	<u>\$79.24</u>
Total		\$87.91

Commingled Production:

31 BOPD @ 37.1° API = \$88.66

Increase of \$.75 per day after commingling.

CONTINENTAL OIL COMPANY  
BRITT B-8 LEASE



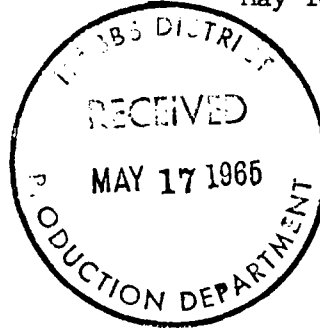


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

IN REPLY REFER TO:

May 14, 1965



Continental Oil Company  
P. O. Box 460  
Hobbs, New Mexico

Attention: Mr. G. C. Jamison

Gentlemen:

Your letter of May 10 requests approval to commingle oil production from the Monument Blinberry and Monument Paddock Pools in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 8, T. 20 S., R. 37 E., Lea County, New Mexico, lease Las Cruces 031621(b).

The method of commingling described by the diagram attached to your letter is hereby approved. You are required to notify our Hobbs office when the installation is completed so that a field inspection of the system can be made.

Sincerely yours,

*Billy J. Shoger*

BILLY J. SHOGER  
Acting Oil & Gas Supervisor