



PC-97

CONTINENTAL OIL COMPANY

P. O. BOX 1377
ROSWELL, NEW MEXICO

PRODUCTION DEPARTMENT
NEW MEXICO DIVISION

WM. A. MEAD
DIVISION SUPERINTENDENT

A. B. SLAYBAUGH
ASSISTANT DIVISION SUPERINTENDENT

September 5, 1962

825 PETROLEUM BUILDING
TELEPHONE: MAIN 2-4202

New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

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

Gentlemen:

Re: Application to Commingle Hydrocarbons
Produced on Lockhart B-11 Lease

We forward herewith in triplicate application for permission to commingle hydrocarbons produced from various pools on Lockhart B-11 lease in Section 11, Township 21 South, Range 37 East, Lea County, New Mexico.

Also attached is a copy of the letter received from the Regional Supervisor of the U.S.G.S. expressing his consent to the proposed commingling.

Your further handling and approval of the application will be sincerely appreciated.

Yours very truly,

Handwritten signature of A. B. Slaybaugh in cursive.

A. B. Slaybaugh
Assistant Division Superintendent

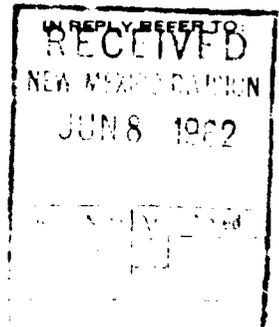
VTL-sg
Encs.

cc: RGP, HGD, JWK, JRP



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico



June 6, 1962

Continental Oil Company
P. O. Box 1377
Roswell, New Mexico

Attention: Mr. William A. Mead

Gentlemen:

Your letter of May 21, 1962, requests our approval to install an automatic custody transfer unit and to commingle production from the Wantz Abo, Brunson, Drinkard, Hare and Terry Blinebry Oil Pools and the Blinebry Gas Pool in the N $\frac{1}{2}$ and SE $\frac{1}{4}$ sec. 11, T. 21 S., R. 37 E., N.M.P.M., Lea County, New Mexico, on Federal lease Las Cruces 032096(b).

The automatic custody transfer system and the method of metering the oil production as described by the diagrams attached to your letter, are hereby approved. All master meter proving tests should be scheduled so that a Survey engineer of our Hobbs office may be notified in sufficient time to witness the calibration.

You are requested to notify our Hobbs office when the installation is completed so that a field inspection of the system can be made.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Copy to Bureau

6-11-62

Jan

Roswell, New Mexico
July 3, 1962

New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

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

Re: Application of Continental Oil Company for exception to Rule 303(A) in order to commingle the oil production from the Brunson, Drinkard, Hare, Terry Blinebry and Wantz Abo Oil Pools and the distillate production from the Blinebry Gas Pool on its Lockhart B-11 Lease located in Section 11, T21S, R37E, N4PM, Lea County, New Mexico

Gentlemen:

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 information:

1. Applicant's Lockhart B-11 Lease consists of N/2 and SE/4 of Section 11, T21S, R37E, Lea County, New Mexico. A plat, Exhibit No. 1, attached hereto, shows the lease, the wells thereon and the battery site.
2. The mineral rights under the above described lease are held by the Federal Government.
3. Top allowable is being produced only from wells in the Drinkard, Terry Blinebry and Wantz Abo Oil Pools. Production from these pools and distillate production from the Blinebry Gas Pool will be measured by zones individually, by suitable meters with non-reset counter and sampler prior to commingling. Production from the Brunson and Hare Oil Pools will be allocated on the basis of periodic gas-oil ratio tests. A tabulation, Exhibit No. 2 attached hereto, shows the latest test on each well, and the average daily production by pools

during the period April 1 to June 1, 1962.

4. The anticipated gravity of the commingled production has been calculated to be approximately 39.2° API with a value of \$2.95 per barrel. The gravity and volume of present production by pools is shown on Exhibit No. 2. The actual commercial value of the commingled production for this lease will be approximately \$10.95 per day more than it is at the present time.

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. A schematic diagram, 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 commingling facilities dated September 13, 1961.

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

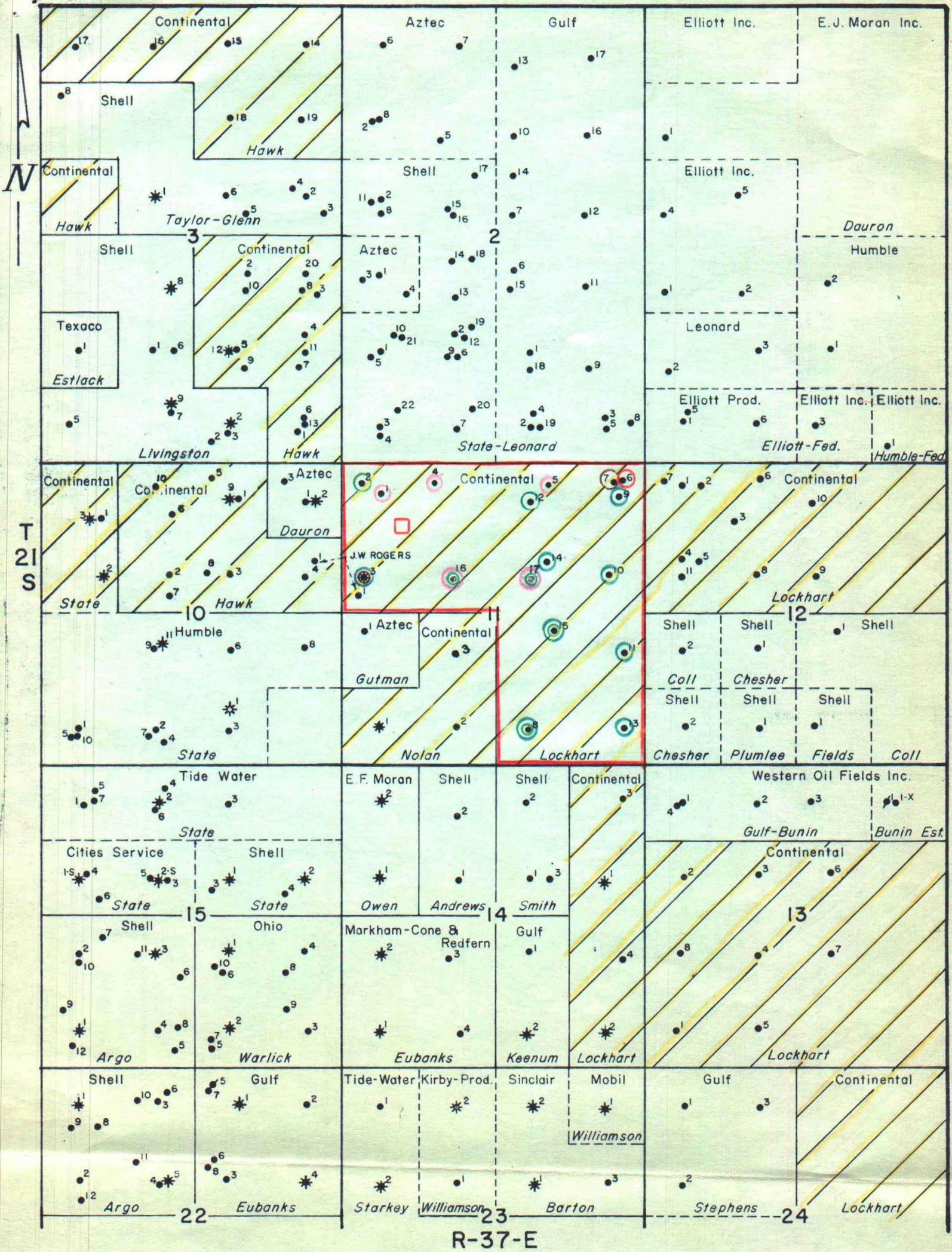
In view of the facts stated above, it is respectfully requested that an exception to Rule 303(A) be granted permitting the commingling of production from the several reservoirs on Applicant's Lockhart 3-11 Lease as described above.

CONTINENTAL OIL COMPANY

By: *A. B. Slaybaugh*
A. B. Slaybaugh
Assistant Division Superintendent

VTL-sg
cc: NMOCC, Santa Fe - 3

RGP
HGD
JwK
CES
FEB
SW
JRP
File



Lockhart B-II Lease ———
 Tank Battery □

- M — Terry Blinebry Oil Pool ○
- M — Drinkard Oil Pool ○
- Sub — Brunson Oil Pool ○
- M — Hare Oil Pool ○
- M — Blinebry Gas Pool ○
- M — Wantz Abo Oil Pool ○

EXHIBIT No. 1

CONTINENTAL OIL COMPANY	
PRODUCTION DEPARTMENT EUNICE, NEW MEXICO	
LOCATION PLAT LOCKHART B-II LEASE	
DATE 2-5-62	SCALE 1" = 2000'
DRAWN BY: R.P.G.	

ILLEGIBLE

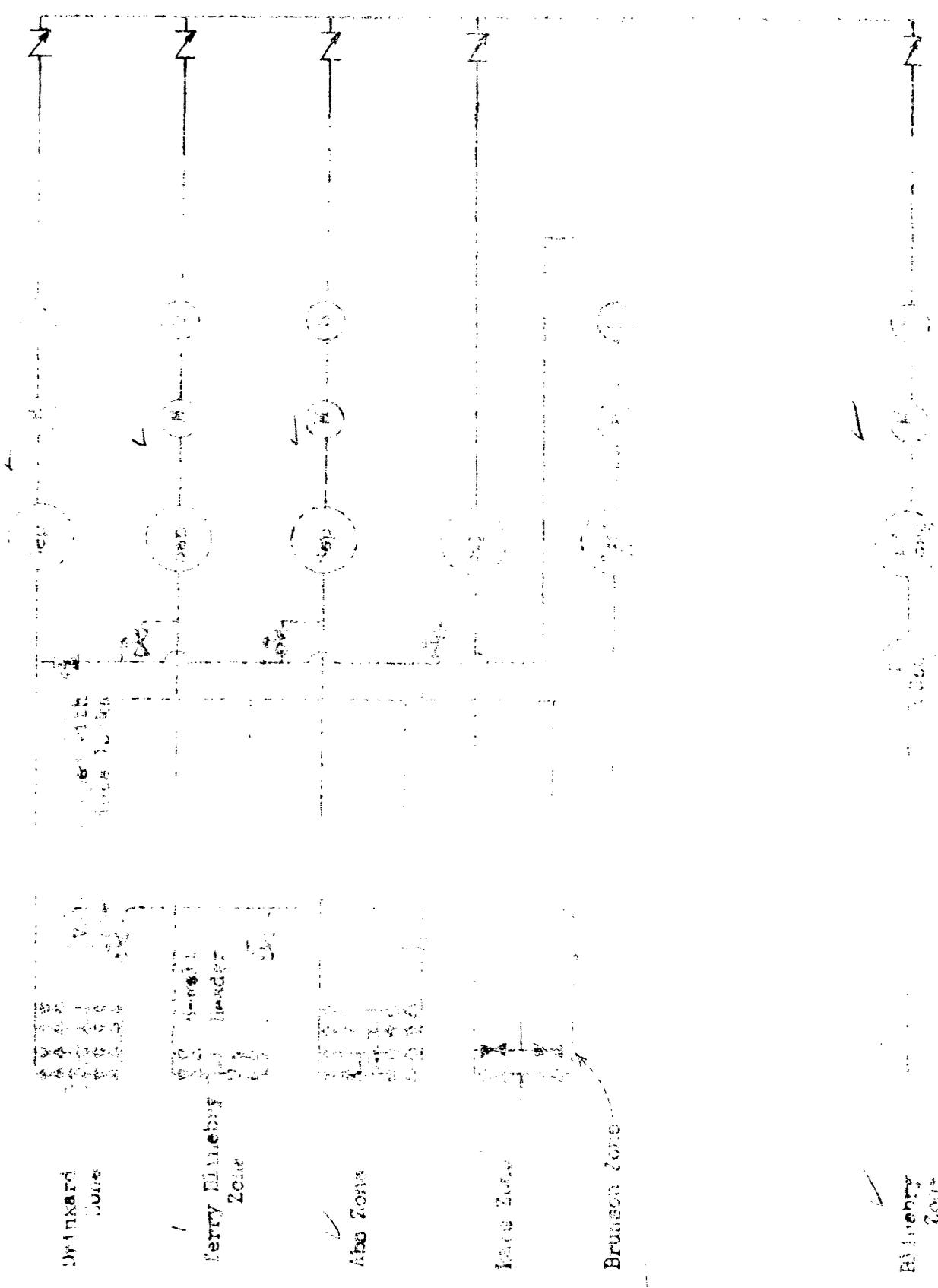
Well No.	Pool	Date	Latest Well Test			4-1-62/6-1-62 Daily Average Production	Oil Gravity	Value \$/BBL.		
			Oil FProd. Bbls.	Water Prod. Bbls.	Gas Prod. MCF					
1	Wantz Abo	6-4-62	18	2	49.0	18.0	41.1	\$ 2.95		
4	Wantz Abo	6-9-62	13	2	12.0	40.9	41.1	2.95		
5	Wantz Abo	6-10-62	21	2	27.0	24.6	41.1	2.95		
16	Wantz Abo	6-11-62	340	0	388.0	21.3	41.1	2.95		
17	Wantz Abo	6-19-62	102	0	85.0	Recent Comp.	41.1	2.95		
2	Drinkard	6-17-62	0	20	25.0	5.5	36.8	2.83		
8	Drinkard	6-23-62	15	5	55.0	11.0	36.8	2.83		
15(D-TB)	Drinkard	6-24-62	27	3	207.0	19.6	36.8	2.83		
16	Drinkard	6-16-62	60	22	73.0	48.3	36.8	2.83		
17	Drinkard	6-17-62	101	20	85.0	Recent Comp.	36.8	2.83		
3	Brunson	7-15-61	TSD			0	40.5	2.95		
7	Brunson	6-3-62	3	0	312	11.9	40.5	2.95		
3 (HR-B)	Blinebry (Gas)		Daily Avg. Last 12 Mos.			4.5	611.0	4.5	67.9	2.51
6	Hare Gerry	6-2-62	7	0	181.0	4.8	44.0	2.95		
8	Blinebry	6-25-62	20	3	370.0	25.5	38.6	2.89		
9	T. Blinebry	5-3-62	20	0	98.0	21.9	38.6	2.89		
10	T. Blinebry	5-4-62	32	0	206.0	47.5	38.6	2.89		
11	T. Blinebry	5-5-62	27	0	103.0	28.6	38.6	2.89		
12	T. Blinebry	5-6-62	28		329.0	30.6	38.6	2.89		
13	T. Blinebry	5-7-62	10	0	457.0	11.3	38.6	2.89		
14	T. Blinebry	5-8-62	5	0	65.0	47.5	38.6	2.89		
15 (D-TB)	T. Blinebry	5-9-62	50	0	193.0	47.5	38.6	2.89		

Pool	Oil	Water	Gas	Oil Gravity	Value
Wantz Abo	244.6	5	359.4	41.1	\$ 2.95
Drinkard	148.4	22	836.5	36.8	2.83
Brunson	11.9	0	241.0	40.5	2.95
Blinebry	4.5	0	611.0	67.9	2.51
Hare	4.8	0	331.2	44.0	2.95
Terry Blinebry	264.4	7.5	1947.9	38.6	2.89

EXHIBIT
NO.

ILLEGIBLE

WATER SYSTEM
LAYOUT



New Mexico Oil Conservation Division---Engineering Bureau
Administrative Application Process Documentation

Date Application Received:

8/21/01

Date of Preliminary Review:

8/27/01

(Note: Must be within 10-days of received date)

Results: _____ **Application Complete** **Application Incomplete**

Date Incomplete Letter Sent:

8/27/01

Deadline to Submit Requested Information:

9/3/01 Letter 9-11-01

Phone Call Date:

NA

(Note: Only applies if requested data is not submitted within the 7-day deadline)

Phone Log Completed?

_____ **Yes**

_____ **No**

Date Application Processed:

Date Application Returned:

(Note: Only as a last resort & only after repeated attempts by the Division to obtain the necessary information to process the application)