

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Albuquerque, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

5. Lease Designation and Serial No.

LC 031695A

SUNDRY NOTICES AND REPORTS ON WELL LOGS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SEMU

8. Well Name and No.

Wells #134, 135, & 136

9. API Well No.

30-025-below

10. Field and Pool, or Exploratory Area

North Hardy Strawn/SE Mon Abo

11. County or Parish, State

Lea, N.M.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other **Injection**

2. Name of Operator

Conoco, Inc.

3. Address and Telephone No.

10 Desta Drive Ste. 100W, Midland, Tx. 79705-4500 (915) 686-5580/684-6381

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

below for each well

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☒ Altering Casing **Surface Commingling**
☐ Other
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Application has been made through the Oil Conservation Division to commingle the following wells as described:
SEMU #134, North Hardy, Strawn pool, API#30 025 34382, 1650' FSL & 450' FWL, Sec 30, T20S, R38E, Lea County, NM
SEMU #135, North Hardy, Strawn pool, API#30 025 34666, 1330' FSL & 1980' FEL, Sec 25, T20S, R37E, Lea County, NM
SEMU #136, SE Monument-Abo pool, API #30 025 34667, 1980' FSL & 1090' FWL, Sec 25, T20S, R37E, Lea County, NM
Six copies of the commingling application are submitted with this Sundry notice.

14. I hereby certify that the foregoing is true and correct.

Signed

Title

Ann E. Ritchie
Regulatory Agent

Date

October 25, 1999

(This space for Federal or State office use)

(ORIG. SGD.) ALEXIS C. SWOBODA

Title

PETROLEUM ENGINEER

Date

NOV 03 1999

Conditions of approval if any:

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ROSWELL, NM

September 30, 1999

New Mexico Oil Conservation Division
Department of Energy and Minerals
State of New Mexico
2040 South Pacheco
Santa Fe, NM 87501

Att: Mark Ashley, Engineering Unit

RE: Conoco, Inc., SEMU Well #134, SEMU Well #135, SEMU Well #136,
Lea County, New Mexico, Amendment to Surface Commingling,
Administrative Order CTB-488

Dear Mark,

Conoco, Inc. has received permission to commingle the above referenced wells, which were drilled during the past 60 days. In our application we anticipated that each of the wells would be completed in the North, Hardy Strawn pool. Wells #134 and #135 have been completed in the Strawn zone, Well #136 looks to be potentially productive in the Abo only. We anticipate completing and placing Well #136 in the Southeast, Monument -Abo pool.

Please see attached a copy of the distillation report (Exhibit A) for the Conoco, Inc., Hardy 36 State, Well #7 from an Abo completion. The gravity of the Strawn completions is 36.6, the gravity of the Abo completion was 39.3, both being sweet crude. The anticipated commingled production will be stored and measured at the "SEMU Strawn" common tank battery facility located in the SW/4 NE/4 (Unit G) of Section 25, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico. Each well will have its own three phase separator, where the oil, water and gas will be separated. The gas will be measured with an orifice meter, the oil will be measured with a positive displacement meter, and the water will be measured with a turbine meter. Please see "Application to Surface Commingle: SEMU Strawn Central Battery Simplified Method of Operation" attached, for complete details of oil and gas measurement procedures (Exhibit B).

Ownership is as described in "Application to Surface Commingle; SEMU Strawn Central Battery" (Exhibit C). I have also enclosed copies of the "SEMU Strawn Proposed Commingling Simplified Plot Plan" (Exhibit D) and the tank battery diagram (Exhibit E).

Please let me know if you need any further information in order to process this application.
Thank you.

Yours truly,



Ann E. Ritchie, Regulatory Agent (1-800-432-2967), (915) 682-1458-fax
Conoco, Inc.
10 Desta Dr., Suite 100W
Midland, TX 79705

Attachments/cc: Reesa Wilkes-Conoco/Midland;Bureau of Land Management-Roswell

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P. O. BOX 1468
MONAHANS, TEXAS 79756
(915) 943-3234 or 563-1040

Martin Water Laboratories, Inc.
WATER CONSULTANTS SINCE 1953
BACTERIAL AND CHEMICAL ANALYSES

709 W. INDIANA
MIDLAND, TEXAS 79701
(915) 683-4521

To: Mr. Damian Barrett
10 Desta Drive, Suite 100W
Midland, TX 79705-4500

Laboratory No. 029553
Sample received 2-7-95
Results reported 2-8-95

Company: Conoco Inc.
County: Lea, NM
Field: ~~Silvan~~ Abo
Lease: Hardy State #7

South Skaggs Abo
Skaggs: Abo South 20006
1st choice → Abo East 600066
40%

Subject: Oil sample from Hardy State #7 submitted for ASTM distillation.

DISTILLATION

IBP	120°F.
5%	170°F.
10%	202°F.
20%	255°F.
30%	326°F.
40%	413°F.
50%	510°F.
60%	582°F.
70%	629°F.
75%	634°F.
80%	650°F.
85%	661°F.
90%	662°F.

End Point	662°F.
% Residue	3.00%
% Recovery	97.00%


YIELD

Gasoline, 300°F.	28.00%
Gasoline, 350°F.	5.00%
Gasoline, 400°F.	6.00%
Total Gasoline	39.00%
Kerosene, 525°F.	14.00%
Diesel, 650°F.	27.00%

SPECIAL TESTING

Gravity, °API	39.3
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Remarks: Please feel free to contact us for any details or discussions concerning the above results.


Greg Ogden, B.S.

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"Exhibit B"

Application to Surface Commingle SEMU Strawn Central Battery

Working Interest Owners

Conoco Inc.
Chevron USA
Arco Permian

	<i>Strawn</i>	<i>Strawn</i>	<i>Abo</i>
	Well Name		
	SEMU 134	SEMU 135	SEMU 136
	50%	50%	37.50% 50%
	25%	25%	18.75% 25%
	25%	25%	18.75% 25%

Royalty Interest Owners

SEMU 134
US Government Federal Lease

Lease Numbers
LC-031695A

SEMU 135
State of New Mexico
US Government Federal Lease

Tract 2 B-11349
Tract 1 LC-031696A

SEMU 136
State of New Mexico
US Government Federal Lease

~~Tract 2 B-11349~~ *Royalty*
Tract 1 LC-031696A *Abo's Interests*

Well Legal Description

SEMU 134
455' FWL, 1650' FSL, Sec. 30, T-20S, R-38E, Lea County, NM

North; Hardy, Strawn

SEMU 135
1990' FEL, 1330' FSL, Sec. 25, T-20S, R-37E, Lea County, NM

North; Hardy, Strawn

SEMU 136
1090' FWL, 1980' FSL, Sec. 25, T-20S, R-37E, Lea County, NM

Southeast, Monument; Abo

Post-it® Fax Note 7671		Date <i>9-29-99</i>	# of pages <i>2</i>
To <i>Ann Pichis</i>	From <i>Tim S.</i>		
Co./Dept.	Co.		
Phone # <i>6</i>	Phone # <i>686-6180</i>		
Fax # <i>682-1458</i>	Fax # <i>X-6586</i>		

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plication to Surface Commingle:
SEMU Strawn Central Battery Simplified Method of Operation

"Exhibit C"

Three wells, SEMU 134, SEMU 135 and SEMU 136, will produce into the SEMU Strawn battery. Each well will have its own three phase separator, where the oil, water and gas will be separated. The gas will be measured with an orifice meter, the oil will be measured with a positive displacement meter, and the water will be measured with a turbine meter.

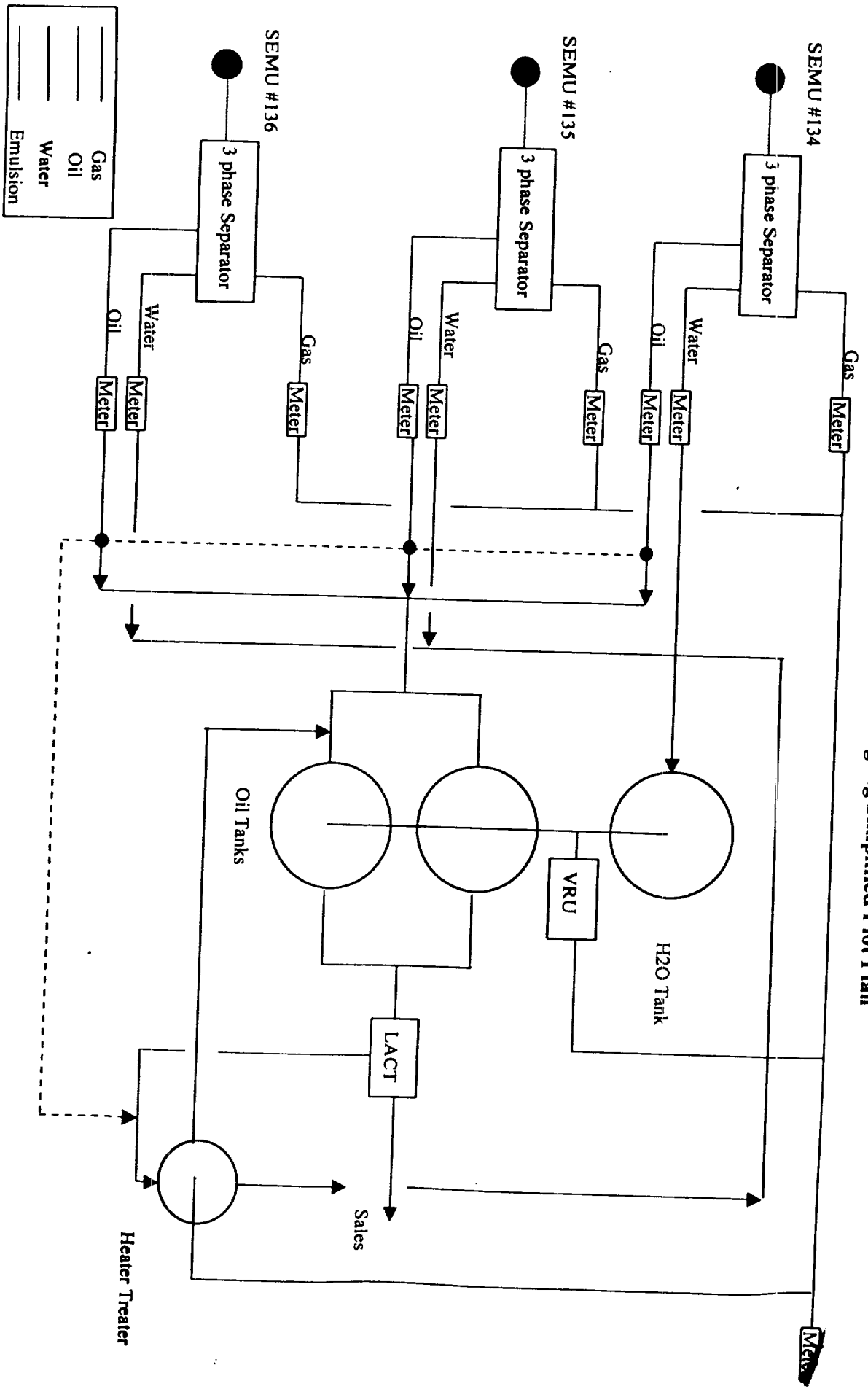
After the oil from each well has gone through its own positive displacement meter, the oil will normally flow into 500 barrel stock tanks. The oil will be sold via LACT and back allocated based upon the NMOCD's allocation formula.

Should the oil need to be treated to achieve saleable oil, the LACT will divert bad oil back into a common horizontal heater treater. Each/all wells will have the ability to divert their oil dump line to the heater treater. Such divert valves will be located downstream of the positive displacement meter that is used to measure oil production. After heating the oil in the treater, it will be dumped into the common 500 barrel stock tanks.

Gas will be measured with an orifice meter and an electronic flow computer. The gas from each well will then be allocated based upon the gas sales meter for the SEMU Strawn battery. Gas from the heater treater and the vapor recovery unit will be sold via the same gas sales meter for the SEMU Strawn battery.

SEMUR Strawn Proposed Commingling Simplified Plot Plan

"Exhibit D"

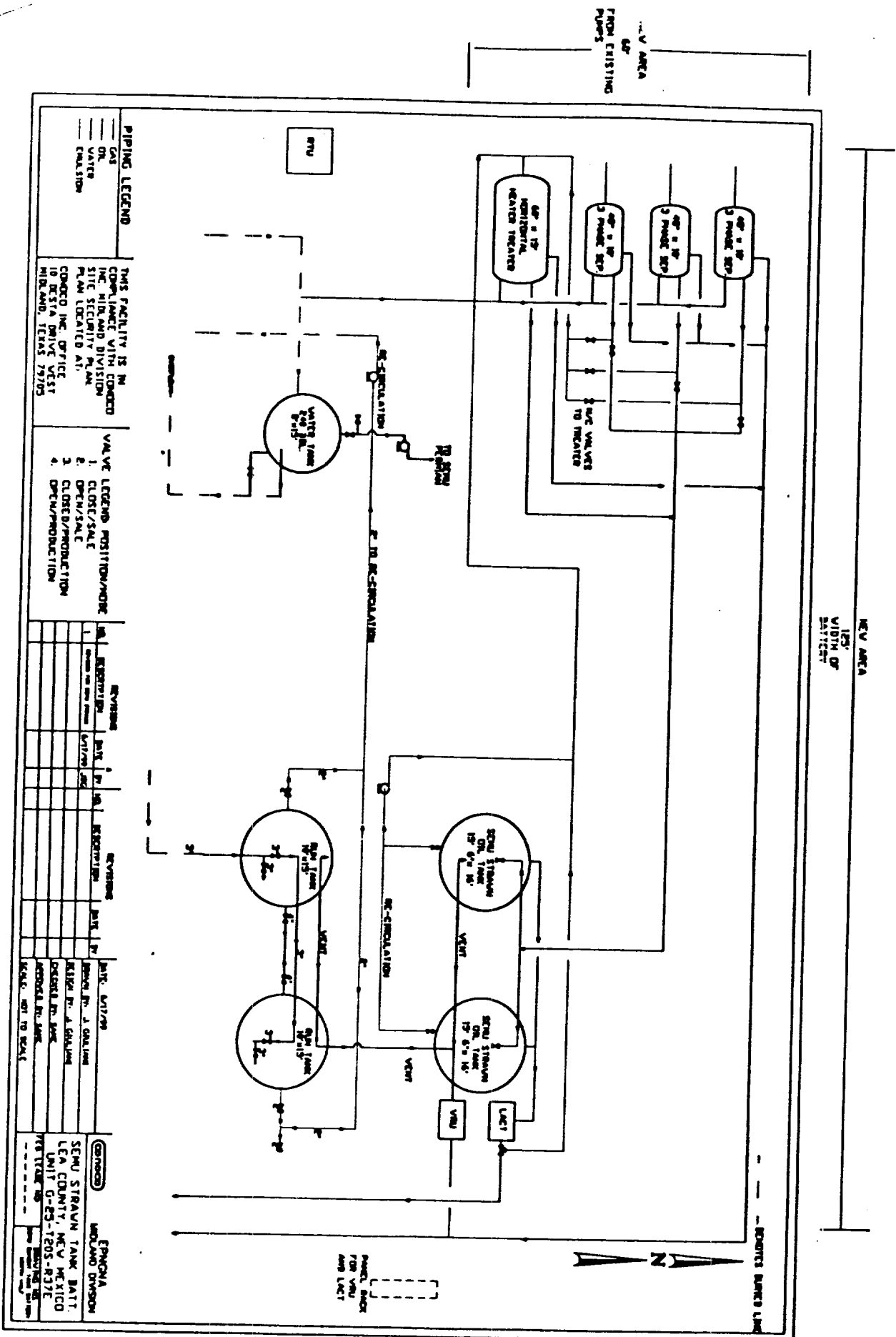


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BZM
ROBERT L. ANNE

"Exhibit E"



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