

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 9, T18S, R27E

5. Lease Designation and Serial No.
NM-031186 & NM-025604

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Hawk "9" Federal

9. API Well No.

10. Field and Pool, or Exploratory Area
Red Lake (Q-GB-SA)

11. County or Parish, State
Eddy County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Commingling at surface</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

3. 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.)*

Devon Energy Corporation (Nevada) requests approval for surface commingling and off-lease storage and measurement of hydrocarbon production from the following wells:

- Hawk "9A" Federal #1
- Hawk "9B" Federal #3
- Hawk "9E" Federal #5
- Hawk "9E" Federal #6
- Hawk "9F" Federal #7
- Hawk "9F" Federal #8
- Hawk "9G" Federal #9
- Hawk "9H" Federal #11

NEW MEXICO
OIL CONSERVATION DIVISION
EXHIBIT **3B**
CASE NO. **11846**

RECEIVED
 SEP 27 1 45 PM '96
 OIL CONSERVATION DIVISION
 ALBUQUERQUE, N.M.

I hereby certify that the foregoing is true and correct

Prepared by E.L. Buttross, Jr. Title District Engineer Date 9/25/96

Approved by Darrell P. Glass Title PETROLEUM ENGINEER Date SEP 30 1996

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

SUBJECT TO
LIVE APPROVAL

Section 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

-8-96
OK

APPLICATION FOR SURFACE COMMINGLING, OFF LEASE STORAGE AND MEASUREMENT APPROVAL

To: Bureau of Land Management
620 E. Greene Street
Carlsbad, New Mexico 88220

Devon Energy Corporation requests approval for surface commingling and off lease storage and measurement of hydrocarbon production from the following wells on Federal Lease No. NM-031186;
Lease Name: Hawk "9" Federal:

<u>Well No.</u>	<u>UL</u>	<u>Sec.</u>	<u>Twp</u>	<u>Rng</u>	<u>Formation</u>
5	E	9	18S	27E	Grayburg-San Andres
6	E	9	18S	27E	Grayburg-San Andres
7	F	9	18S	27E	Grayburg-San Andres
8	F	9	18S	27E	Grayburg-San Andres

with hydrocarbon production from the following wells on Federal Lease No. NM-025604;
Lease Name: Hawk "9" Federal:

<u>Well No.</u>	<u>UL</u>	<u>Sec.</u>	<u>Twp</u>	<u>Rng</u>	<u>Formation</u>
1	A	9	18S	27E	Grayburg-San Andres
3	B	9	18S	27E	Grayburg-San Andres
9	G	9	18S	27E	Grayburg-San Andres
11	H	9	18S	27E	Grayburg-San Andres

Production from the wells involved is as follows:

<u>Well</u>	<u>BOPD</u>	<u>Oil Gravity</u>	<u>MCFPD</u>
Hawk "9A" Federal #1	TO BE DRILLED. TEST TO FOLLOW.		
Hawk "9B" Federal #3	TO BE DRILLED. TEST TO FOLLOW.		
Hawk "9E" Federal #5	68	38	76
Hawk "9E" Federal #6	BEING COMPLETED. TEST TO FOLLOW.		
Hawk "9F" Federal #7	41	38	82
Hawk "9F" Federal #8	TO BE DRILLED. TEST TO FOLLOW.		
Hawk "9G" Federal #9	TO BE DRILLED. TEST TO FOLLOW.		
Hawk "9H" Federal #11	TO BE DRILLED. TEST TO FOLLOW.		

Exhibit I is a schematic which shows the equipment that will be utilized to determine well production from each lease. A map (Exhibit II) is enclosed that shows the lease numbers and location of all leases and wells that will contribute production to the proposed commingled facility.

The storage and measuring facility will be located in UL F in SE/4 NW/4 Sec. 9, T18S, R27E on lease No. NM-031186, Eddy County, New Mexico. The BLM will be notified if there is any future change in the facility location.

Process and Flow Description: Under the proposed flow system, gas will be flowed out the casing from each well and will be tested at the well using an orifice well tester. Oil and water will be pumped out the tubing and will go through a flowline to a header at the battery. Wells will be tested by switching into the test treater which will separate the oil and water and allow the oil to be measured in a test tank and the water by means of a meter.

Production Allocation: Production allocation will be based on periodic well tests as described above. Allocation of total gas recorded by the Sales Gas Meter will be based on these tests.

The overriding royalty owners, working interest owners, and NMOCD have been notified of this proposal.

The proposed commingling of production is in the interest of conservation and will not result in reduced royalty or improper measurement of production.

The proposed commingling is necessary for hydrocarbon development and operation on the above referenced Federal leases.

We understand that the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument. We have submitted an application for the necessary right-of-way approvals to the BLM's Realty Section.

Signed: E. L. Buttross Jr.

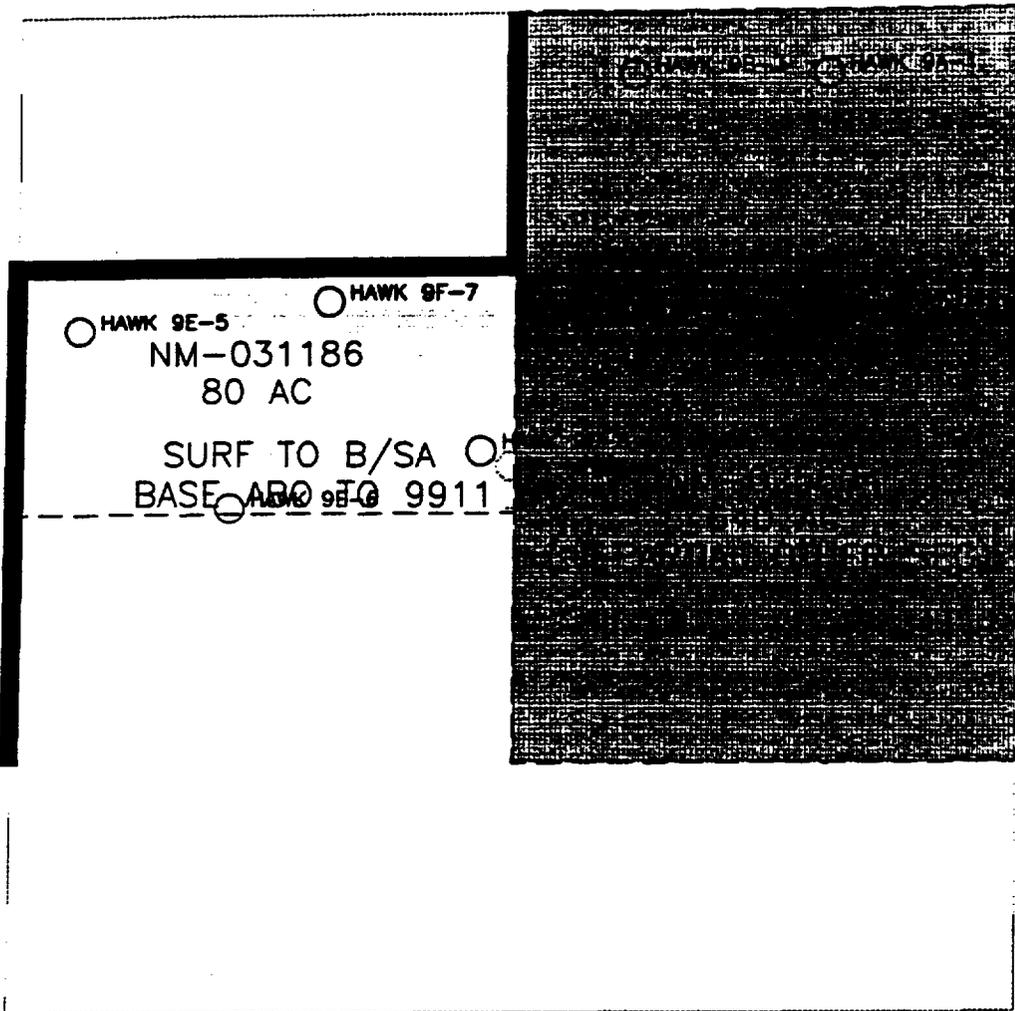
Name: E. L. Buttross, Jr.

Title: District Engineer

Date: September 25, 1996

Devon Energy Corporation (Nevada)
20 N. Broadway, Suite 1500
Oklahoma City, OK 73102

R 27 E



○ HAWK 9E-5 ○ HAWK 9F-7
NM-031186
80 AC
SURF TO B/SA ○
BASE ABO TO 9911

T
18
S



HWK9FED	

devon

RED LAKE FIELD
EDDY COUNTY, NEW MEXICO

LEASE MAP
**HAWK 9 FEDERAL
EXHIBIT II**

Scale in Feet
1000 0 1000 2000 3000 4000

E BUTTRESS

7/86

Bureau of Land Management
Roswell District
2909 West Second Street
Roswell, New Mexico 88201
505-627-0272

**Off-Lease Measurement, Storage, and Surface Commingling
Conditions of Approval**

Approval of surface commingling and off-lease storage and/or measurement is subject to the following conditions of approval:

1. This agency shall be notified of any change in sales method or location of the facility.
2. This agency shall be notified of any spill or discharge as required by NTL-3A.
3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
4. This approval is subject to like approval by the New Mexico Oil Conservation Division.
5. Additional wells and/or leases require additional commingling approvals.
6. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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

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2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Section 9 - 18S-27E

5. Lease Designation and Serial No.
NM-031186; NM-025604 & LC-065478-B

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
Hawk "9" Federal

9. API Well No.

10. Field and Pool, or Exploratory Area
Red Lake (Q-GB-SA)

11. County or Parish, State
Eddy County, NM

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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.)*

Devon Energy Corporation (Nevada) requests approval to amend the application for surface commingling and off-lease storage and measurement of hydrocarbon production to include the following wells: (see attached approved commingle request)

- Hawk "9A" Federal #2
- Hawk "9B" Federal #4
- Hawk "9G" Federal #10
- Hawk "9H" Federal #12
- Hawk "9I" Federal #13
- Hawk "9I" Federal #14
- Hawk "9J" Federal #15
- Hawk "9J" Federal #16
- Hawk "9O" Federal #17
- Hawk "9O" Federal #18
- Hawk "9P" Federal #19
- Hawk "9P" Federal #20

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

Signed E. L. Buttross, Jr. Title District Engineer Date July 2, 1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as any matter within its jurisdiction.

APPLICATION FOR SURFACE COMMINGLING OFF LEASE STORAGE AND MEASUREMENT APPROVAL

To: Bureau of Land Management
620 E. Greene Street
Carlsbad, New Mexico 88220

Devon Energy Corporation requests approval to amend the application for surface commingling and off lease storage and measurement of hydrocarbon production to include the following wells on Federal Lease No. NM 025604 (see attached for approved commingling request).

Lease Name: Hawk "9" Federal

<u>Well No.</u>	<u>UL</u>	<u>Sec</u>	<u>Twp</u>	<u>Rng</u>	<u>Formation</u>
2	A	9	18S	27E	Grayburg/San Andres
4	B	9	18S	27E	Grayburg/San Andres
12	H	9	18S	27E	Grayburg/San Andres
10	G	9	18S	27E	Grayburg/San Andres
13	I	9	18S	27E	Grayburg/San Andres
15	J	9	18S	27E	Grayburg/San Andres
16	J	9	18S	27E	Grayburg/San Andres
14	I	9	18S	27E	Grayburg/San Andres

to include hydrocarbon production from the following wells on Federal Lease No. LC-065478-B

Lease Name: Hawk "9" Federal

<u>Well No.</u>	<u>UL</u>	<u>Sec</u>	<u>Twp</u>	<u>Rng</u>	<u>Formation</u>
17	O	9	18S	27E	Grayburg/San Andres
19	P	9	18S	27E	Grayburg/San Andres
20	P	9	18S	27E	Grayburg/San Andres
18	O	9	18S	27E	Grayburg/San Andres

Production from the wells involved is as follows:

<u>Well</u>	<u>BOPD</u>	<u>Oil Gravity</u>	<u>MCFPD</u>
Hawk "9A" Federal #2	TO BE DRILLED, TEST TO FOLLOW		
Hawk "9B" Federal #4	COMPLETING, TEST TO FOLLOW		
Hawk "9G" Federal #10	TO BE DRILLED, TEST TO FOLLOW		
Hawk "9H" Federal #12	COMPLETING, TEST TO FOLLOW		
Hawk "9I" Federal #13	TO BE DRILLED, TEST TO FOLLOW		
Hawk "9I" Federal #14	TO BE DRILLED, TEST TO FOLLOW		
Hawk "9J" Federal #15	TO BE DRILLED, TEST TO FOLLOW		
Hawk "9J" Federal #16	70	38	70
Hawk "9O" Federal #17	40	38	40
Hawk "9O" Federal #18	TO BE DRILLED, TEST TO FOLLOW		
Hawk "9P" Federal #19	TO BE DRILLED, TEST TO FOLLOW		
Hawk "9P" Federal #20	TO BE DRILLED, TEST TO FOLLOW		

Exhibit I is a schematic which shows the equipment that will be utilized to determine well production from each lease. A map (Exhibit II) is enclosed that shows the lease numbers and location of all leases and wells that will contribute production to the proposed commingled facility.

The storage and measuring facility will be located in UL F in the SE/4 NW 4 Section 9, 18S, 27E on lease No. NM-031186, Eddy County, New Mexico. The BLM will be notified if there is any future change in the facility location.

Process and Flow Description: Under the proposed flow system, gas will be flowed out the casing from each well and will be tested at the well using an orifice well tester. Oil and water will be pumped out the tubing and will go through a flowline to a header at the battery. Wells will be tested by switching into the test treater which will separate the oil and water and allow the oil to be measured in a test tank and the water by means of a meter.

Production Allocation: Production allocation will be based on periodic well tests as described above. Allocation of total gas recorded by the Sales Gas Meter will be based on these tests.

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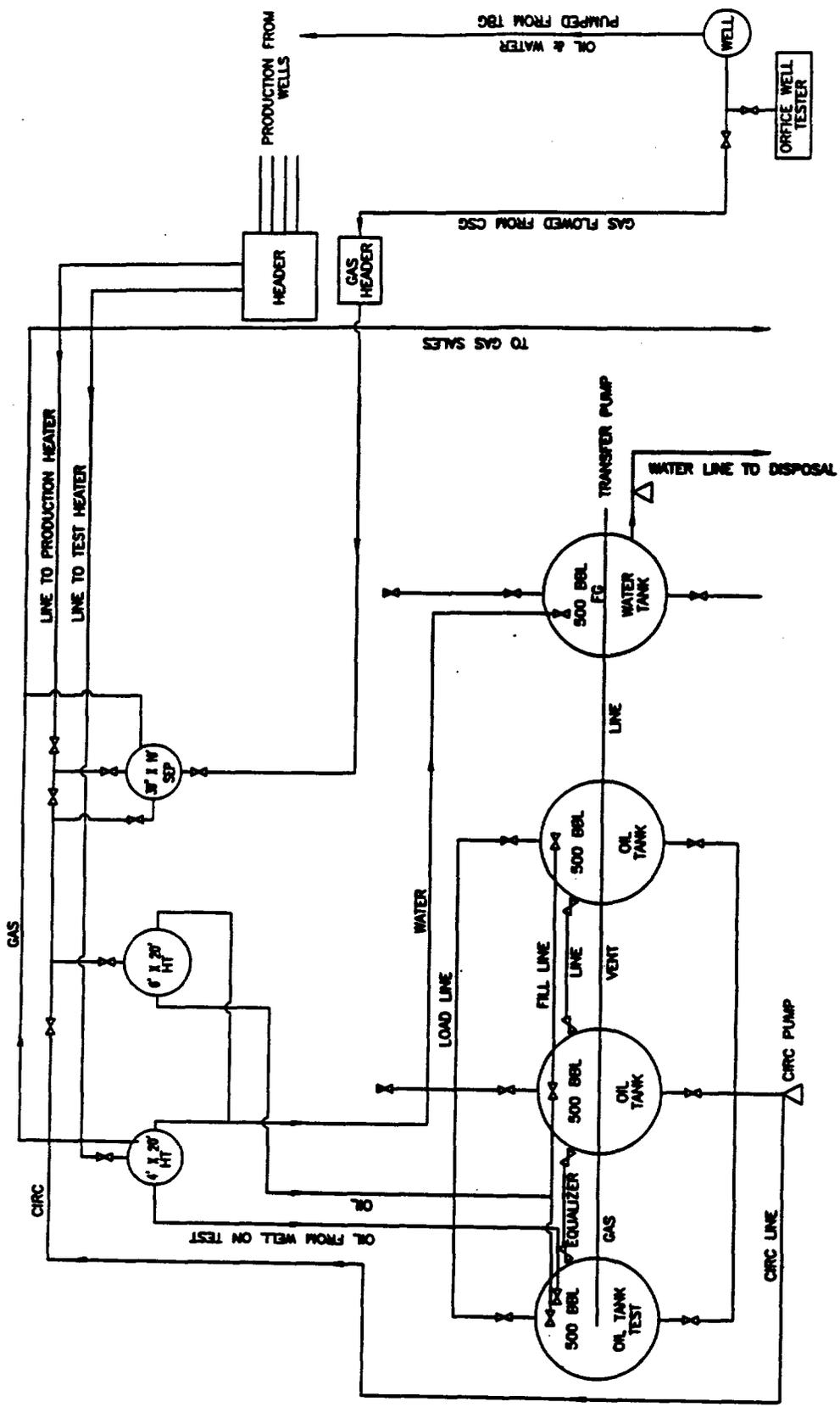
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We understand that the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument. We have submitted an application for the necessary right-of-way approvals to the BLM's Realty Section.

Signed: E. L. Buttross Jr.
Name: E. L. Buttross, Jr.
Title: District Engineer
Date: July 3, 1997

Devon Energy Corporation (Nevada)
20 N. Broadway, Suite 1500
Oklahoma City, OK 736102



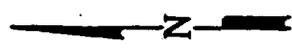
RED LAKE AREA
EDDY COUNTY, NEW MEXICO

EXHIBIT # 1

HAWK "9" FEDERAL BATTERY
FLOW DIAGRAM
U.F. SEC. 9, T18S, R27E

F. CORWELL

LEGEND-BITS



T 17 S
R 27 E

32

ST BZ 2 CSDU 2

STEWARTS FED 2

BRECK ST 1

EAGLE 334-9
LC-026874-E
160.69 AC

EAGLE 340-7
EAGLE 33A-2
EAGLE 34E-9
EAGLE 34L-23
EAGLE 34K-24
EAGLE 34M-25
EAGLE 34N-27
EAGLE 34N-26
EAGLE 34N-28
HARBOLD 8
HARBOLD 5

T 18 S
R 27 E

NM-025530
MONDO B-2
37.28 AC

LC-055383-A
160 AC

NM-031186
80 AC
SURF TO B/SA
BASE ABO TO 9911

NM-025604
MARK 100-1
MARK 100-2
MARK 100-3
MARK 100-4
MARK 100-5
MARK 100-6
MARK 100-7
MARK 100-8
MARK 100-9
MARK 100-10
MARK 100-11
MARK 100-12
MARK 100-13
MARK 100-14
MARK 100-15
MARK 100-16

NM-031156
80 AC

LC-065478-B
80 AC
(L PARTIAL OTHER SEC)

NM-0758
MARK 17C-1

MARK 17C-2

ACBDU 27 ACBDU 4

17

ACBDU 2 25

ACBDU 12

ACBDU 1 8

ACBDU 1 9

ACBDU 2 14

ACBDU 2 13

ACBDU 2-11

ACBDU 2-24

ACBDU 2 25

ACBDU 2 16

NM ST BF 1

STATE BR

NM ST BF 2

EDDY ST BU 1

ST OF NM "CE" 2

SCOGINS D I SCOGINS DRW ST C 1

16

15