

POST OFFICE BOX 2088
SANTA FE, NEW MEXICO 87501

AMENDMENT
COMMINGLING ORDER PLC-47

Company Amoco Production Co.
Address P. O. Drawer A
City, State, Zip Levelland, Texas 79336

Attention: Mr. V. E. Staley

The above-named company is hereby authorized to commingle
Peterson-Pennsylvanian and Peterson Fusselman
pool production from the following leases:

Lease Name:	Peterson C #1	Radcliff #1
Description:	NE/4 SE/4 Sec. 18	SW/4 SW/4 Sec. 17
Lease Name:	Swearingen "C" #1	Peterson "A" Gas Com #1
Description:	SE/4 SW/4 Sec. 18	NW/4 NE/4 Sec. 19
Lease Name:	Swearingen "D" #1	Swearingen "A" Gas Com #1
Description:	NW/4 SW/4 Sec. 20	NW/4 SE/4 Sec. 19

all in Township 5 South, Range 33 East, Roosevelt County
Production shall be allocated to each lease by

X separately metering the production from each lease prior to
commingling

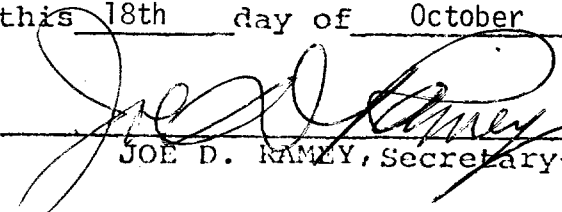
 separately metering the production from the
and determining the
production by the subtraction method

 well tests (if this method or the subtraction method above is
to be authorized, all commingled production must be of identical
ownership: working interest, royalty interest, and overriding
royalty interest)

Note: This installation shall be installed and operated in accordance
with the applicable provisions of Rule 309-B of the Commission
Rules and Regulations and the Commission "Manual for the Installation and
Operation of Commingling Facilities." It is the responsibility of the
producer to notify the transporter of this commingling authority.

REMARKS: Prior to this amendment, PLC-47 authorized commingling of all of the
above leases except the Swearingen "D" Lease

DONE at Santa Fe, New Mexico, on this 18th day of October 1976.


JOE D. RAMSEY, Secretary-Director



Amoco Production Company

P.O. Drawer A
Levelland, Texas 79336

V. E. Staley
Area Superintendent

September 3, 1976

File: VES-541.112 x LF-958

Re: Application for Commingling
Swearingen "B" Well No. 3
with Peterson Penn Storage System

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501

Gentlemen:

Amoco Production Company submits this application and asks for administrative approval of exception to Rules 303-A and 309-A, which will permit the commingling of oil from the Swearingen "B" Well No. 3 with various leases commingled in the Peterson Penn Storage System. The Peterson Penn Storage System was approved April 26, 1976, by Commingling Order PLC-47 and temporary authority to add Swearingen "B" No. 3 to the system was received by approval of C-104 on May 27, 1976.

The Swearingen "B" Well No. 3 is located in Unit L, Section 20, T-5-S, R-33-E, Roosevelt County, New Mexico, Peterson Penn Associated Pool, and is an oil well.

We are attaching a diagrammatic sketch of the commingled facility showing the flow diagram and gravities of the liquid hydrocarbons. Also attached is a plat showing the locations of all wells and the pool from which each is producing.

There will be no loss of commercial value of the production and the installation will be operated in accordance with the Commission's "Manual for the Installation and Operation".

Yours very truly,

V. E. Staley
Area

RWC:bs
Attachments

PETERSON PENN STORAGE SYSTEM

<u>FIELD</u>	<u>LEASE NAME AND WELL NO.</u>	<u>WELL LOCATION USTR</u>	<u>API GRAVITY AT 60°F</u>
Peterson-Fusselman	Swearingen "C" #1	N-18-5-33 ✕	51
Peterson-Penn Assoc.	Peterson "C" #1	I 18-5-33 ✕	53.4
Peterson-Penn Assoc.	Peterson "A" Gas Com #1	B-19-5-33	71.7
Peterson-Penn Assoc.	Swearingen "A" Gas Com #1	J-19-5-33	73.6
Peterson-Penn Assoc.	Radcliff #1	M-17-5-33 ✕	50.2
Peterson-Penn Assoc.	Swearingen "B" #3	L-20-5-33 ✕ ✓	51.7

gas
water

Swearingen B1 F 20 will be SWD
B2 D 20 TA
B4 E 20

chgd to
Swearingen "D" 1

Swearingen "C" No. 1
Radcliff

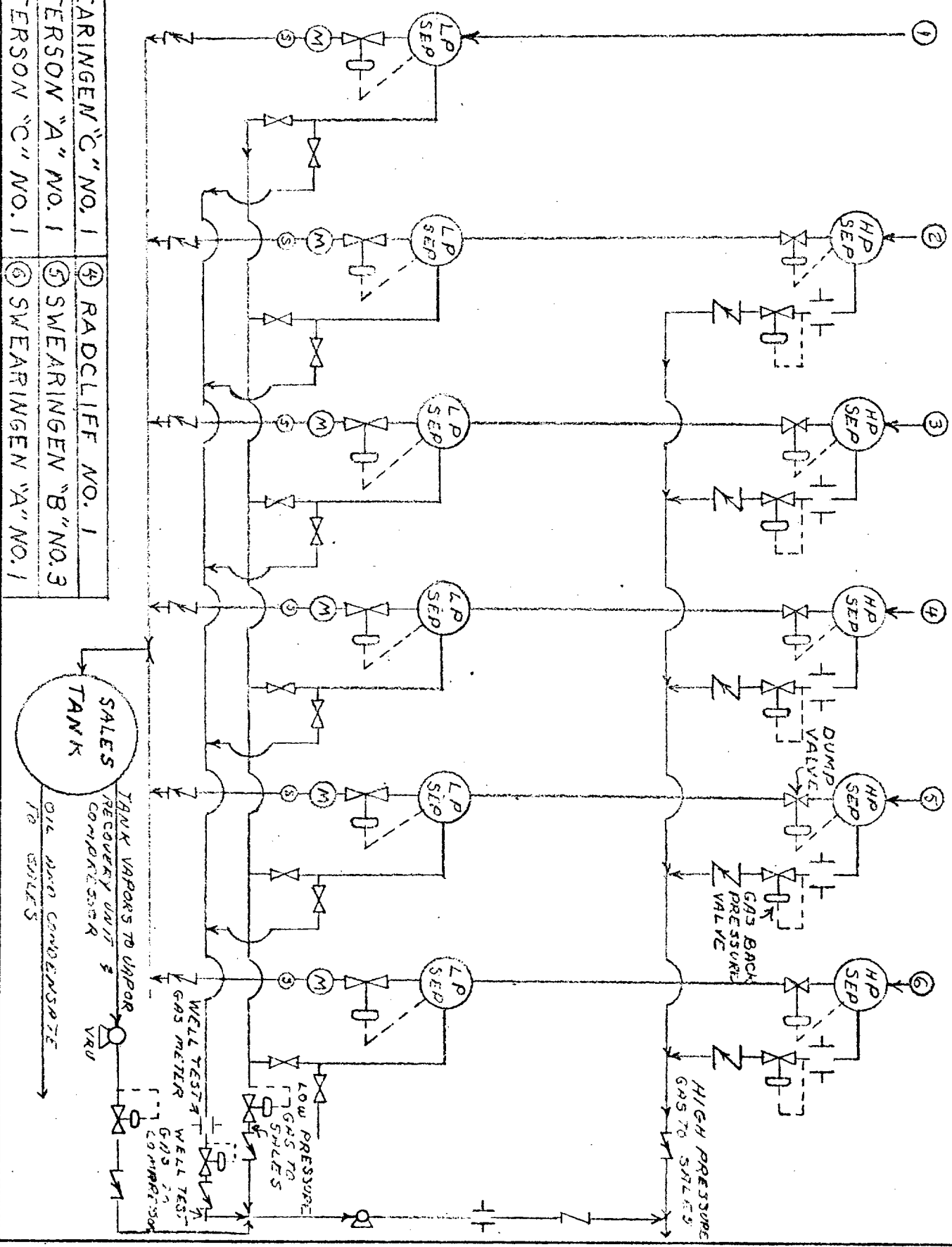
OIL, CONDENSATE AND GAS FROM WELLS

PETERSON PENN STORAGE SYSTEM
 FLOW DIAGRAM

Amoco Production Company

SCALE: NOM.
 VLP 8-19-75
 DRG. NO.

- | | |
|------------------------|------------------------|
| ① SWEARINGEN "C" NO. 1 | ④ RADCLIFF NO. 1 |
| ② PETERSON "A" NO. 1 | ⑤ SWEARINGEN "B" NO. 3 |
| ③ PETERSON "C" NO. 1 | ⑥ SWEARINGEN "A" NO. 1 |



SALES TANK
 TANK VAPORS TO VAPOR RECOVERY UNIT & VRU
 OIL AND CONDENSATE TO SALES

WELL TEST GAS METER
 WELL TEST GAS TO SALES
 LOW PRESSURE GAS TO SALES

HIGH PRESSURE GAS TO SALES

SUN
1-6-75

SUN
1-6-75

A.H. Guss et al

Geo. Guss et al

PHILLIPS
2-5-81

Phillips
"Peterson"
325141A to C
4-28-81
4-25-80

(Amoco 78.7200
Between 5000 and 8050)

307940
1-30-76

307868
11-28-80

SUN
6-29-75

TSS-R33E

307257A to D
2-2-76
(Below 5000)

(Loss 21.27393 % of R33
Between 5,000 and 8,050)

AMOCO

Peterson C#1

Leda Radcliff

307978
2-11-76

B. Sell

Swearingen C#1

L. Radcliff
W.H. Swearingen

H.W. Benischek

Radcliff

R.L. Radcliff

PHILLIPS

307878
10-30-80

307517A
2-10-76

AMOCO PROD.
Peterson A#1

PHILLIPS

PT. 307987A to C
2-2-76
(Below 5000)

PT. 307987
2-2-76

DeWitt-Perry
UNIT AMOCO 75%

L. Brown

UNIT AMOCO 75%

Amoco
81-B

C.W. Radcliff

PHILLIPS
19-74

PHILLIPS
4-12-74

AMOCO
7920 TO

PHILLIPS
9-30-80

307865
10-20-80

PT. 307937A to C
2-2-78

AMOCO PROD.
Swearingen A

Swearingen B#2

20

UNIT AMOCO 80%

D. Swaffery et al

PHILLIPS
9-80

C.W.
Radcliff

UNIT AMOCO 75%

A.A. Kilian

W.H. Swearingen

PHILLIPS
4-19-74

PHILLIPS
9-10-80

322290
10-7-75

PHILLIPS

AMOCO
322231
9-10-80

PHILLIPS

PT. 322978
5-8-80

PHILLIPS
8-25-80

307867
10-27-80

25

TSS-R32E

ILLEGIBLE

29

AMOCO PROD.
Peterson B

7877 TO

H. Gillum
F.A. Wilson

PHILLIPS
10-80

PHILLIPS
9-10-80

PHILLIPS
9-10-80

PHILLIPS
8-25-80

PHILLIPS
8-25-80

UNIT AMOCO 50%

J.D. COOK
2-15-76

PHILLIPS
11-17-80

PHILLIPS
9-10-80

Peterson Penn Storage System

STORAGE
SYSTEM

○ Peterson Penn Assoc. Pool

POST OFFICE BOX 2083
SANTA FE, NEW MEXICO 87501

AMENDMENT
COMMINGLING ORDER-PLC-47

Company Amoco Production Co.
Address P. O. Drawer A
City, State, Zip Levelland, Texas 79336

Attention: Mr. V. E. Staley

The above-named company is hereby authorized to commingle
Peterson-Pennsylvanian and Peterson Fusselman

pool production from the following leases:

Lease Name:	Peterson C No. 1	Radcliff No. 1	Swearingen "B" No. 4
Description:	NE/4 SE/4 Sec. 18	SW/4 SW/4 Sec. 17	SW/4 NW/4 Sec. 20

Lease Name:	Swearingen C No. 1	Peterson "A" Gas Com No. 1
Description:	SE/4 SW/4 Sec. 18	NW/4 NE/4 Sec. 19

Lease Name:	Swearingen D No. 1	Swearingen "A" Gas Com No. 1
Description:	NW/4 SW/4 Sec. 20	NW/4 SE/4 Sec. 19

All in Township 5 South, Range 33 East, Roosevelt County
Production shall be allocated to each lease by

X separately metering the production from each lease prior to
commingling

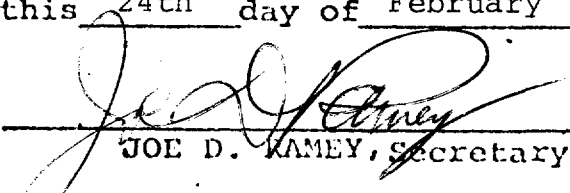
 separately metering the production from the
and determining the
production by the subtraction method

 well tests (if this method or the subtraction method above is
to be authorized, all commingled production must be of identical
ownership: working interest, royalty interest, and overriding
royalty interest)

Note: This installation shall be installed and operated in accordance
with the applicable provisions of Rule 309-B of the Commission
Rules and Regulations and the Commission "Manual for the Installation and
Operation of Commingling Facilities." It is the responsibility of the
producer to notify the transporter of this commingling authority.

REMARKS: Prior to this amendment, PLC-47 as amended authorized
commingling of all of the above leases except the Swearingen
"B" Lease.

DONE at Santa Fe, New Mexico, on this 24th day of February 19 77.


JOE D. RAMEY, Secretary-Director



Amoco Production Company

P.O. Drawer A
Levelland, Texas 79336

V. E. Staley
Area Superintendent

November 18, 1976

File: VES-541.112xLF-1395

Re: Application for Commingling
Swearingen "B" Well No. 4
With Peterson Penn Storage System

*Amended
PLC 47
to incl
B-4 Penn*

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501

Gentlemen:

Amoco Production Company submits this application and asks for administrative approval of exception to Rules 303-A and 309-A, which will permit the commingling of oil from the Swearingen "B" Well No. 4 with various leases commingled in the Peterson Penn Storage System. The Peterson Penn Storage System was approved April 26, 1976, by Commingling Order PLC-47 and amended October 18, 1976, to include Swearingen "D" Well No. 1. Temporary authority to commingle Swearingen "B" Well No. 4 was received by approval of Form C-104 on October 6, 1976.

The Swearingen "B" Well No. 4 is located in Unit E, Section 20, T-5-S, R-33-E, Roosevelt County, New Mexico, Peterson Penn Associated Pool, and is an oil well.

We are attaching a diagrammatic sketch of the commingled facility showing the flow diagram. Also attached is a plat showing the locations of all wells, the pool from which each is producing, and a list of gravities of the liquid hydrocarbons.

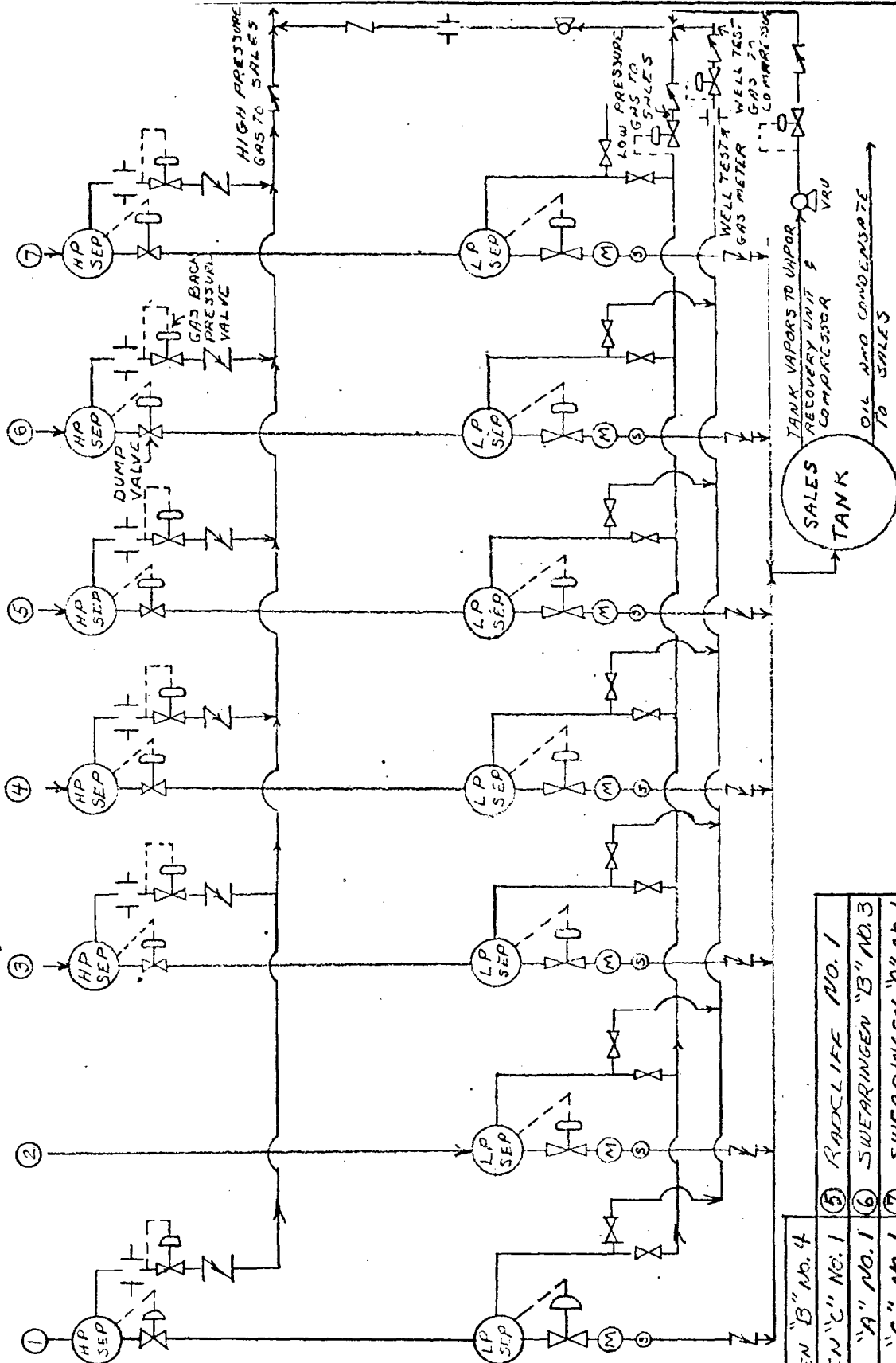
There will be no loss of commercial value of the production, and the installation will be operated in accordance with the Commission's "Manual for the Installation and Operation of Commingling Facilities".

Yours very truly,


Attachments

RWC:jla

OIL, CONDENSATE AND GAS FROM WELLS



①	SWEARINGEN "B" NO. 4
②	SWEARINGEN "C" NO. 1
③	PETERSON "A" NO. 1
④	PETERSON "C" NO. 1
⑤	RADCLIFFE NO. 1
⑥	SWEARINGEN "B" NO. 3
⑦	SWEARINGEN "A" NO. 1

Amoco Production Company

PETERSON PENN STORAGE SYSTEM
FLOW DIAGRAM

SCALE: NOMINAL

YLP 8-19-76

DRG.
NO.

SUN
1-8-75

SUN
1-8-75

ILLEGIBLE

PHILLIPS
2-5-81

Phillips
Peterson
325141A to C
4-28-81 - 6-1-D
4-25-80 - 7-1-D
(Amoco 78.72007 %
Between 5000' and 8050')

307940
1-30-76

307868
11-22-80

307957A to D
2-2-76
(Below 8000')

(Less 21.27393 % of Rts.
Between 5,000' and 8,050')

AMOCO

307978
2-11-76

B. Sell

Swearingen C#1

L. Radcliff
W.H. Swearingen

H.W. Benischek

Radcliff #1

R.L. Radcliff

PHILLIPS

307878
10-30-80

307817A
2-10-76

AMOCO PROD.
Peterson A#1
PHILLIPS

PT. 307957A to C
2-2-76
(Below 3000')

PT. 307967
2-2-76

Dewitt Perry
UNIT AMOCO 75%

L. Brown

SWEARINGEN Amoco
B#4
8-1-B

C.W. Radcliff

PHILLIPS
19-74

24

PHILLIPS
4-12-74

AMOCO
7920 TO

PHILLIPS
9-30-80

307865
10-20-80

9

PT. 307957A to C
2-2-76
AMOCO PROD.
Swearingen A

Swearingen B#3

20

UNIT AMOCO 60%
B. Swearingen et al.

PHILLIPS
9-80

C.W. Radcliff

A.A. Killian

W.H. Swearingen

PHILLIPS
4-19-74

PHILLIPS
9-10-80

322290
10-7-75

PHILLIPS

AMOCO
322291
9-10-80

PHILLIPS

PT. 322979
9-10-80

PHILLIPS
8-25-80

307867
10-27-80

25

PHILLIPS
10-80

PHILLIPS
9-10-80

TSS-R32E

C.W. Radcliff

UNIT AMOCO 50%
C.C. Tannehill

PHILLIPS
9-10-80

30

PHILLIPS
8-25-80

AMOCO PROD.
Peterson B

7877 TO

29

PHILLIPS
8-25-80

N. Gillum
F.A. Wilson

UNIT AMOCO 50%

J.D. COOK
2-15-76

PHILLIPS
11-17-80

PHILLIPS
9-10-80

Peterson Penn Storage System

STORAGE
SYSTEM
FLOW LINES



○ Peterson Penn Assoc. Pool

▽ Wildcat - Fusselman

PETERSON PENN STORAGE SYSTEM

<u>FIELD</u>	<u>LEASE NAME AND WELL NO.</u>	<u>WELL LOCATION USTR</u>	<u>API GRAVITY AT 60°F</u>
Peterson-Fusselman	Swearingen "C" No. 1	N-18-5-33	51
Peterson-Penn Assoc.	Peterson "C" No. 1	J-18-5-33	53.4
Peterson-Penn Assoc.	Peterson "A" Gas Com No. 1	B-19-5-33	71.7
Peterson-Penn Assoc.	Swearingen "A" Gas Com No. 1	J-19-5-33	73.6
Peterson-Penn Assoc.	Radcliff No. 1	M-17-5-33	50.2
Peterson-Penn Assoc.	Swearingen "D" No. 1	L-20-5-33	51.7
Peterson-Penn Assoc.	Swearingen "B" No. 4	E-20-5-33	45.1