

Case 110.

2341

Application, Transcript,
and Exhibits, Etc.

CASE 2341 Appl. of PAH
for an exception to Rule 303(a) &
309 (a) - Lea County, New Mexico.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

July 10, 1963

San American Petroleum Corporation
P. O. Box 68
Hobbs, New Mexico

Attention: Mr. V. E. Staley

Administrative Order SAC-5

Gentlemen:

Reference is made to your letter of June 7, 1963, wherein you request authority to commingle Hobbs Pool production from your State "A" Unit & Lease, Lease A/A "A" Lease, and Lease A/A "B" Lease with the commingled Hobbs and Bowers Pool production at your Hobbs Consolidated Battery No. 1. It is our understanding that Hobbs Consolidated Battery No. 1, authorized by Order No. A-1041, is the commingling site for several leases producing from the Hobbs and Bowers Pool. Further, that under Administrative Order CTS-74, Hobbs Pool production from the Lease A/A "A" and the Lease A/A "B" Leases is presently commingled at your Lease Battery.

In order to consolidate all of the aforementioned commingling authority in one order to facilitate accounting thereof, this order, SAC-5, is being issued and will have the effect of superseding Administrative Order CTS-74 and Order No. A-1041 insofar as that order relates to Hobbs Consolidated Battery No. 1.

San American Petroleum Corporation is therefore hereby authorized to commingle the production from the following leases and pools after separately metering the production from each lease and each pool by temperature compensated meters equipped with samplers and non-reset counters:

E. E. Myers "A"
(Hobbs Pool)

W. S. Capps
(Hobbs Pool)

SW/4 of Section 3, Township
19 South, Range 18 East

4/2 of Section 3, Township
19 South, Range 18 East

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

July 10, 1963

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Pan American Petroleum Corporation
Albuquerque, New Mexico

Administrative Order PLC-5

State "A" Tract 7 (Hobbs Pool)	N/2 NW/4 of Section 10, Town- ship 19 south, Range 18 East
W. E. Terry Tract 2 (Hobbs Pool)	N/2 SW/4 of Section 10, Town- ship 19 south, Range 18 East
B. L. Terry S/A "A" (Hobbs Pool)	S/2 NW/4 of Section 10, Town- ship 19 south, Range 18 East
B. L. Terry S/A "B" (Hobbs Pool)	N/2 SE/4 of Section 10, Town- ship 19 south, Range 18 East
B. L. Terry S/A "C" (Hobbs Pool)	S/2 SE/4 of Section 10, Town- ship 19 south, Range 18 East
B. E. Turner S/A "A" (Hobbs Pool)	SW/4 NW/4 of Section 14, Town- ship 18 south, Range 18 East
B. E. Turner S/A "B" (Hobbs Pool)	SW/4 SW/4 of Section 14, Town- ship 18 south, Range 18 East
B. E. Turner Tract 2 (Hobbs and Bowers Pools)	SW/4 of Section 14, Township 18 south, Range 18 East
Leach S/A "A" (Hobbs Pool)	SW/4 NW/4 of Section 15, Town- ship 19 south, Range 18 East
Leach S/A "B" (Hobbs Pool)	SW/4 SW/4 of Section 15, Town- ship 19 south, Range 18 East
State "A" Tract 8 (Hobbs Pool)	S/2 SW/4 of Section 10, N/2 SW/4 and SW/4 NW/4 of Section 15, Township 19 south, Range 18 East

The above authority is granted pursuant to the provisions of Rule 103 (b) and Rule 103-2 of the Commission Rules and Regulations, and this installation shall be operated in accordance with the provisions of the Commission "Manual for the Installation and Operation of Casingless Facilities."

Very truly yours,

A. L. PORTER, JR.
Secretary-Director

ALP/DCH/act

cc: Oil Conservation Commission (with enclosure) - Hobbs
Oil & Gas Engineering Committee - Hobbs
State Land Office - Santa Fe

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OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

June 6, 1963

Pan American Petroleum Corporation
P. O. Box 48
Hobbs, New Mexico

Attention: Mr. V. E. Staley

Administrative Order PLC-2

Gentlemen:

Reference is made to your letter of May 1, 1963, wherein you request permission to commingle the Hobbs Pool production from your W. H. Terry R/A "B" Tract 1 Well No. 27 with the Hobbs, Bowers, and Hobbs-Brinkard production from several other leases which were authorized to be commingled by Commission Order No. R-2041.

Inasmuch as an "A" order cannot be amended without a hearing, this order, PLC-2, will authorize the overall commingling of all pools under all leases in Consolidated Battery No. 2, and this authority will supersede that contained in Order No. R-2041.

Pursuant to the authority granted me under the provisions of Commission Rule 303 (b) and Rule 309-B, Pan American Petroleum Corporation is hereby authorized to commingle production as follows:

<u>POOL</u>	<u>LEASE NAME</u>	<u>LEASE DESCRIPTION</u>
Hobbs	State "A" Tract 10	SE/4 SE/4, Section 33, Township 18 South, Range 38 East
Bowers	State "A" Tract 10	SE/4 SE/4, Section 33, Township 18 South, Range 38 East
Hobbs	E. H. Myers "B"	NE/4, Section 4, Township 19 South, Range 38 East

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

-3-

June 6, 1963

Pan American Petroleum Corporation
P. O. Box 68
Albuquerque, New Mexico

Administrative Order PLC-2

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Holbe	State "A" Tract 1	SW/4, Section 4, Township 19 South, Range 38 East
Holbe-Brinkard	State "A" Tract 1	SW/4, Section 4, Township 19 South, Range 38 East
Holbe	H. D. McKinley	SW/4, Section 5, Township 19 South, Range 38 East
Bowers	H. D. McKinley	SW/4, Section 5, Township 19 South, Range 38 East
Holbe	State "A" Tract 2	SE/4, Section 4, Township 19 South, Range 38 East
Holbe	State "A" Tract 3	E/2 SW/4, Section 4, Township 19 South, Range 38 East
Holbe	State "A" Tract 4	SW/4, Section 5, Township 19 South, Range 38 East
Holbe	State "A" Tract 5	SW/4, Section 9, Township 19 South, Range 38 East
Holbe	State "A" Tract 6	E/2 SW/4, Section 9, Township 19 South, Range 38 East
Holbe	O. B. Perry	SW/4 SW/4, Section 9, Township 19 South, Range 38 East
Holbe	W. H. Terry Tract No. 1	SW/4 SW/4, Section 9, Township 19 South, Range 38 East
Holbe	W. H. Terry "A" Tract No. 1	E/2 SE/4, Section 9, Township 19 South, Range 38 East

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

-3-

June 6, 1963

Dom American Petroleum Corporation
P. O. Box 68
Hobbs, New Mexico

Administrative Order PIC-2

Hobbs

W. H. Terry "B"
Tract No. 1

3/2 SE/4, Section 9,
Township 19 South, Range
38 East

Production from each of the above leases and pools is to be metered and sampled prior to commingling. Metering is to be accomplished by temperature-compensated meters equipped with non-ferrous counters and samplers. Provided further, that this installation shall, in all respects, be operated in accordance with the provisions of the Commission "Manual for the Installation and Operation of Commingling Facilities."

Very truly yours,

A. L. POWERS, Jr.,
Secretary-Director

ALP/SGH/ear

cc: Oil Conservation Commission (with enclosure) - Hobbs
Oil & Gas Engineering Committee - Hobbs
State Land Office - Santa Fe

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OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Handwritten:
Recd
9/2/63
9/2/63

March 15, 1963

Pan American Petroleum Corporation
P. O. Box 68
Hobbs, New Mexico

Attention: Mr. V. E. Staley

Gentlemen:

Reference is made to your letter of January 25, 1963, wherein you request that the meter proving frequency for several of your meters in the Hobbs Pool be extended.

It appears from the tabulated meter factors as well as the graphs that the performance of these meters has been satisfactory and justifies extension of proving frequency.

Pan American Petroleum Corporation, therefore, is hereby authorized to prove the following meters every three months rather than monthly as at present.

<u>Lease Name</u>	<u>Meter No.</u>	<u>Location</u>
B. H. Turner Tr. 2	98560	Hbs. Cons. Btty. I
W. S. Capps	99053	Hbs. Cons. Btty. I
St. A Tr. 7	98515	Hbs. Cons. Btty. I
O. B. Terry No. 8	98663	Hbs. Cons. Btty. II
Thorpe R/A "A"	98506	Hbs. Cons. Btty. I
Thorpe R/A "B"	98978	Hbs. Cons. Btty. I
Thorpe R/A "C"	98562	Hbs. Cons. Btty. I
Turner Tr. 1	98512	Hbs. Cons. Btty. I
Leech R/A "B"	159887	F-15-198-38E
Leech NW/15	166467	F-15-198-38E

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OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

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If at any time any of the above meters requires repair or replacement, the proving frequency for the repaired meter or the replacement meter will be monthly until an adequate history of reliable performance has been obtained which justifies extension.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/DSH/og

cc: Oil Conservation Commission
Box 2045
Hobbs, New Mexico

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OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

September 18, 1961

Mr. V. E. Staley
Pan American Petroleum Corporation
P. O. Box 68
Hobbs, New Mexico

Re: Relocation of Hobbs
Consolidated Battery
No. 2 - Hobbs Field,
Lea County, N. Mex.

Dear Mr. Staley:

In reply to your letter of September 15, 1961, permission is hereby granted for the Pan American Petroleum Corporation to change the location of its Consolidated Battery No. 2 as authorized by Commission Order No. N-2041, to the NW/4 NW/4 NE/4 Section 9, Township 19 South, Range 38 East.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

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PAN AMERICAN PETROLEUM CORPORATION

Post Office Box 63
Hobbs, New Mexico

September 15, 1961

File: VES-464-541.113

Subject: Relocation of Hobbs
Consolidated Battery No. 2,
Hobbs Field, Lea County,
New Mexico

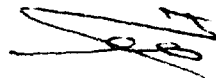
Mr. A. L. Porter
Secretary-Director
N.M.O.C.C.
Santa Fe, New Mexico

Dear Sir:

This has reference to the above subject ending with Order R-2041, wherein Pan American Petroleum Corporation was granted permission for off-lease storage of production from several leases to be commingled at the Hobbs Consolidated Battery No. 2 which was to be constructed on the State A Tract 3 Lease located in the E/2, SW/4, Section 4, T-19-S, R-38-E.

Pan American Petroleum Corporation now respectfully request that off-lease storage of production at the Hobbs Consolidated Battery No. 2 be permitted on the State A Tract 5 Lease instead of the State A Tract 3 Lease. The State A Tract 5 Lease is located in the NE/4 of Section 9, T-19-S, R-38-E. The new battery site will be located in the NW/4, NW/4, NE/4, Section 9, T-19-S, R-38-E, approximately 1/2 mile southeast of the original battery site. We desire to change location of this battery site since Pan American Petroleum Corporation already owns the surface acreage at the new site. The relocation of this battery to the State A Tract 5 Lease will eliminate the need for purchase of additional land.

Yours very truly,



V. E. Staley

BAK:bw

cc: Shell Pipeline Company
Midland, Texas

N.M.O.C.C.
Hobbs, New Mexico

**BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO**

**IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:**

**CASE No. 2341
Order No. R-2041**

**APPLICATION OF PAN AMERICAN PETROLEUM
CORPORATION FOR AN EXCEPTION TO RULE
303 (a) AND 309 (a), LEA COUNTY, NEW
MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on July 19, 1961, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 26th day of July, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Pan American Petroleum Corporation, seeks permission to commingle the production from the Hobbs, Bowers, and Hobbs-Brinkard Pools from a number of leases in Sections 3, 4, 5, 9, and 10 in Township 19 South, Range 38 East, and Sections 33 and 34 in Township 18 South, Range 38 East, NEPM, Lea County, New Mexico, in two separate commingling installations, after separately metering the production from each lease and from each pool prior to commingling.
- (3) That inasmuch as an industry committee has been appointed to study all phases of commingling and to recommend minimum standards to prevent abuses thereof, it may be that these installations, at a later date, will have to be altered to conform to such standards as the Commission may prescribe.
- (4) That approval of the subject application will neither cause waste nor impair correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Pan American Petroleum Corporation, is hereby authorized to commingle the production from the Hobbs and Bowers Pools from the following-described leases in its Consolidated Battery No. 1, located in the NW/4 NW/4 of Section 10, Township 19 South, Range 38 East:

E. H. Byers "A"	NW/4 of Section 3, Township 19 South, Range 38 East
W. S. Capps	S/2 of Section 3, Township 19 South, Range 38 East
State "A" Tract 7	W/2 NW/4 of Section 10, Township 19 South, Range 38 East
W. H. Terry Tract 2	N/2 SW/4 of Section 10, Township 19 South, Range 38 East
B. L. Thorp R/A "A"	E/2 NW/4 of Section 10, Township 19 South, Range 38 East
B. L. Thorp R/A "B"	W/2 NE/4 of Section 10, Township 19 South, Range 38 East
B. L. Thorp R/A "C"	S/2 NE/4 of Section 10, Township 19 South, Range 38 East
B. H. Turner R/A "A"	SW/4 NW/4 of Section 34, Township 18 South, Range 38 East
B. H. Turner R/A "B"	NW/4 NW/4 of Section 34, Township 18 South, Range 38 East
B. H. Turner Tract 2	SW/4 of Section 34, Township 18 South, Range 38 East

(2) That the applicant, Pan American Petroleum Corporation, is hereby authorized to commingle the production from the Hobbs, Hobbs-Drinkard, and Bowers Pools from the following-described leases in its Consolidated Battery No. 2, located in the SW/4 of Section 4, Township 19 South, Range 38 East:

E. H. Byers "B"	NE/4 of Section 4, Township 19 South, Range 38 East
H. D. McKinley	NW/4 of Section 5, Township 19 South, Range 38 East
State "A" Tract 1	NW/4 of Section 4, Township 19 South, Range 38 East

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CASE No. 2341
Order No. R-2041

State "A" Tract 2	SE/4 of Section 4, Township 19 South, Range 38 East
State "A" Tract 3	E/2 SW/4 of Section 4, Township 19 South, Range 38 East
State "A" Tract 4	SW/4 of Section 5, Township 19 South, Range 38 East
State "A" Tract 5	NE/4 of Section 9, Township 19 South, Range 38 East
State "A" Tract 6	E/2 NW/4 of Section 9, Township 19 South, Range 38 East
State "A" Tract 10	SE/4 SE/4 of Section 13, Township 18 South, Range 38 East
O. B. Terry	NW/4 NW/4 of Section 9, Township 19 South, Range 38 East
W. H. Terry Tract 1	E/2 SE/4 of Section 9, Township 19 South, Range 38 East
W. H. Terry Tract 3	SW/4 NW/4 of Section 9, Township 19 South, Range 38 East

(3) That the production from each lease and each pool shall be separately metered prior to commingling.

(4) That all meters shall be equipped with non-reset totalizers.

(5) That the testing of wells in each pool on each lease shall be accomplished prior to metering.

(6) That it may be that these installations, at a later date, will have to be altered to conform to such standards as the Commission may prescribe.

(7) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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CASE No. 2341
Order No. R-2041

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



A. L. PORTER, JR., Member & Secretary



CSX/

State of New Mexico
Oil Conservation Commission

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

Mr. Kirk Newman
Atwood & Malone
Box 867
Roswell, New Mexico

Re: CASE NO. 2341
ORDER NO. R-2041
APPLICANT:
Pan American Petroleum Corp.

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

A. L. Porter, Jr.
A. L. PORTER, JR.
Secretary-Director

Carbon copy of order also sent to:
Hobbs, etc.

Hobbs OCC _____ x
Artesia OCC _____
Aztec OCC _____

OTHER Mr. Guy Buell

Case 2341

Head 7-19-01

Rec. 7-19-01

1. Grant Pan Am request for 2 coming
~~separate~~ systems.

(a) The system No. 1 consisting of
all-wells completed or to be completed
on ~~theirs~~ B.H. Turner "B"; ~~SW/4~~ NW/4 sec 34;
B.H. Turner "A"; SW/4 NW/4 sec 34; B.H. Turner
Tract 2, SW/4 sec. 34, 18S-38E; E.H.
Byers "A", NW/4 sec. 3; W.S. Coffey, S/2 sec.
34; B.L. Thorp "B", N/2 NE/4 sec. 10; B.L. Thorp
"C", S/2 NE/4, sec. 10; B.L. Thorp "A", NW/4
sec. 10; and the W.N. Jerry Tract 2, N/2
SW/4 sec. 10, ^{leases} all are 18S-38E.

(b) System # 2

State "A" Tract 10, SE/4 SE/4 sec 33, 18S-38E;
E.H. Byers "B", NE/4 sec. 4, 18S-38E;
St. "A" Tract 1, NW/4 sec. 4, " "
St. "A" " 3, E/2 SW/4 " " "
St. "A" " 2, SE/4 " " "
St. "A" " 5, NE/4 sec. 9, " "
St. "A" " 6, NW/4 " " "
~~St. "A"~~

W.N. Jerry Tract 1, N/2 SE/4 " " "

H.D. McHenry, NW/4 sec. 5 " "

St. "A" Tract 4, SW/4 " " "

✓ 2. All pools on each lease shall metered
before comingling, All well testing shall
be done before metering on each lease
& in each pool.

✓ 3. Meters using Non-reset counters
shall be used.

✓ 4. Shall comply with future comm.
requirements of NMOC.

[Signature]

44-2341

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 268
Lubbock, Texas
June 22, 1961

File: CDF-5574-986.510.1 x 400

Subject: Exception to State-Wide Rule
No. 309, Various Leases
Hobbs, Bowers and Hobbs-Drinkard
Pools, Lea County, New Mexico

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Sir:

Pan American Petroleum Corporation respectfully requests that you schedule for an early docket a hearing to consider its application for exception to State-wide Rule No. 309 for various leases in the Hobbs, Bowers and Hobbs-Drinkard Pools, Lea County, New Mexico. Pan American proposes to consolidate a number of leases into two central batteries in these pools and install automatic custody transfer equipment thereon.

As shown by attachment hereto, consolidated Battery No. 1 will serve 10 leases and/or royalty accounts which contain 25 Hobbs Pool wells and one Bowers Pool well.

As also shown by attachment, consolidated Battery No. 2 will serve 12 leases and/or royalty accounts which contain a total of 38 wells. There are 33 Hobbs Pool wells, 4 Bowers Pool wells and 1 Hobbs-Drinkard Pool well on these leases.

Production from each lease and/or royalty account and from each pool will be metered separately prior to commingling.

Yours very truly,

A. J. Inderrieden
A. J. Inderrieden
District Engineer

WJS:ak
Attachment

*Do not
mail
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Case 234

NEW AMERICAN LEASES PROPOSED FOR CONSOLIDATION
AND AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Consolidated Battery No. 1

<u>Lease</u>	<u>No. of Wells</u>	<u>Pool</u>	<u>Description of Acreage</u>	
E. H. Byers "A"	4	Hobbs	NW/4 Sec. 3, T-19-S, R-38-E	3
W. S. Capps	8	Hobbs	S/2 Sec. 3, T-19-S, R-38-E	3
State "A" Tract 7	2	Hobbs	W/2 NW/4 Sec. 10, T-19-S, R-38-E	10
W. N. Terry Tract 2	2	Hobbs	N/2 SW/4 Sec. 10, T-19-S, R-38-E	10
B. L. Thorp R/A "A"	2	Hobbs	E/2 NW/4 Sec. 10, T-19-S, R-38-E	10
B. L. Thorp R/A "B"	1	Hobbs	N/2 NE/4 Sec. 10, T-19-S, R-38-E	10
B. L. Thorp R/A "C"	1	Hobbs	S/2 NE/4 Sec. 10, T-19-S, R-38-E	10
B. H. Turner R/A "A"	1	Hobbs	SW/4 NW/4 Sec. 34, T-18-S, R-38-E	34
B. H. Turner R/A "B"	1	Hobbs	NW/4 NW/4 Sec. 34, T-18-S, R-38-E	34
B. H. Turner Tract 2	4	Hobbs	SW/4 Sec. 34, T-18-S, R-38-E	34
B. H. Turner Tract 2	1	Bowers	SW/4 Sec. 34, T-18-S, R-38-E	34
Total Wells		27 (26 Hobbs Pool Wells and 1 Bowers Pool Well)		

Consolidated Battery No. 2

<u>Lease</u>	<u>No. Of Wells</u>	<u>Pool</u>	<u>Description of Acreage</u>	
E. H. Byers "B"	4	Hobbs	NE/4 Sec. 4, T-19-S, R-38-E	4
H. D. McKinley	4	Hobbs	NW/4 Sec. 5, T-19-S, R-38-E	5
H. D. McKinley	3	Bowers	NW/4 Sec. 5, T-19-S, R-38-E	
State "A" Tract 1	4	Hobbs	NW/4 Sec. 4, T-19-S, R-38-E	
State "A" Tract 1	1	Hobbs-Drinkard	NW/4 Sec. 4, T-19-S, R-38-E	
State "A" Tract 2	4	Hobbs	SE/4 Sec. 4, T-19-S, R-38-E	
State "A" Tract 3	2	Hobbs	E/2 SW/4 Sec. 4, T-19-S, R-38-E	
State "A" Tract 4	4	Hobbs	SW/4 Sec. 5, T-19-S, R-38-E	

Consolidated Battery No. 2 (Cont.)

<u>Lease</u>	<u>No. of Wells</u>	<u>Pool</u>	<u>Description of Acreage</u>
State "A" Tract 5	4	Hobbs	NE/4 Sec. 9, T-19-S, R-38-E
State "A" Tract 6	2	Hobbs	E/2 NW/4 Sec. 9, T-19-S, R-38-E
State "A" Tract 10	1	Hobbs	SE/4 SE/4 Sec. 33, T-18-S, R-38-E
State "A" Tract 10	1	Bowers	SE/4 SE/4 Sec. 33, T-18-S, R-38-E
O. B. Terry	1	Hobbs	NW/4 NW/4 Sec. 9, T-19-S, R-38-E
W. N. Terry Tract 1	2	Hobbs	N/2 SE/4 Sec. 9, T-19-S, R-38-E
W. N. Terry Tract 3	1	Hobbs	SW/4 NE/4 Sec. 9, T-19-S, R-38-E
Total Wells	38	(33 Hobbs Pool Wells; 4 Bowers Pool Wells; and 1 Hobbs-Drinkard Pool Well)	

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No. 21-61

DOCKET: EXAMINER HEARING - WEDNESDAY - JULY 19, 1961

9 A.M. - Oil Conservation Commission Conference Room
State Land Office Building, Santa Fe, New Mexico

The following cases will be heard before Elvis A. Utz, Examiner, or Daniel S. Nutter, as Alternate Examiner:

CONTINUED CASE

CASE 2298: Application of Chambers & Kennedy for a gas-oil dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Monument State Well No. 1, located in Unit J, Section 34, Township 19 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from the Eumont Gas Pool and the production of oil from the Eunice-Monument Pool through the 5½-inch by 2½-inch casing-tubing annulus and through 2½-inch tubing respectively.

NEW CASES

CASE 2338: Application of Continental Oil Company for two non-standard oil proration units and for an exception to Rule 309 (a), Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of two non-standard oil proration units in the Empire Abo Pool, consisting of the following-described acreage in Section 30, Township 17 South, Range 29 East, Eddy County, New Mexico:

(1) Lots 1 and 2 comprising 55.65 acres.

(2) Lots 3 and 4 comprising 56.61 acres.

Applicant further proposes to commingle the Empire-Abo Pool production from the portions of its State S and State P leases located in said Section 30 and to allocate production on the basis of periodic well tests.

CASE 2339: Application of J. Gregory Merrion & Associates, for a gas-oil dual completion, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Edna Well No. 2, located in Unit O, Section 7, Township 24 North, Range 6 West, Rio Arriba County, New Mexico, as a

gas-oil dual completion with production of Pictured Cliffs gas through 2 7/8 inch casing and production of Gallup oil through 2 3/8 inch tubing installed within a string of 4 1/2 inch casing, with the casing strings cemented in a common well bore.

CASE 2340:

Application of Pan American Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location in the Red Lake-Pennsylvanian Gas Pool for its Malco "M" Well No. 1, located 2310 feet from the North line and 1650 feet from the East line of Section 4, Township 18 South, Range 27 East, Eddy County, New Mexico.

CASE 2341:

Application of Pan American Petroleum Corporation for an exception to Rule 303 (a) and 309 (a), Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to commingle the production from the Hobbs, Bowers, and Hobbs-Drinkard Pools from a number of leases in Sections 3, 4, 5, 9, and 10, in Township 19 South, Range 38 East, and Sections 33 and 34 in Township 18 South, Range 38 East, Lea County, New Mexico, after separately metering the production from each lease and from each pool prior to commingling.

CASE 2342:

Application of Western Natural Gas Company for a non-standard gas proration unit and for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 320-acre non-standard gas proration unit in the Jalmat Gas Pool comprising the SW/4 of Section 14 and the SE/4 of Section 15, all in Township 23 South, Range 36 East, Lea County, New Mexico. Said unit is to be dedicated to the Matkins Well No. 1 at an unorthodox location 660 feet from the South and East lines of said Section 15.

CASE 2343:

Application of Southwest Production Company for an order force pooling a 300-acre non-standard gas proration unit, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order force pooling all mineral interests in a 300-acre gas proration unit in the Basin-Dakota Gas Pool, consisting of the E/2 of Section 7, Township 30 North, Range 11 West, excepting the S/2 SW/4 SE/4 thereof, San Juan County, New Mexico. Interested parties include John J. (Juan J) Moya and Helen Moya.

CASE 2344:

Application of The Ohio Oil Company for an order force-pooling a 317-acre gas proration unit, Eddy County, New Mexico. Applicant, in the above-styled case, seeks an order force-pooling all mineral interests in a 317-acre gas proration unit comprising the S/2 of Section 30, Township 18 South, Range 26 East, Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico.

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
JULY 19, 1961

EXAMINER HEARING

IN THE MATTER OF:
CASE NO. 2341

TRANSCRIPT OF HEARING

DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
July 19, 1961

EXAMINER HEARING

IN THE MATTER OF:

Application of Pan American Petroleum Corporation
for an exception to Rule 303 (a) and 309 (a),
Lea County, New Mexico. Applicant, in the above-
styled cause, seeks permission to commingle the
production from the Hobbs, Bowers, and Hobbs-
Drinkard Pools from a number of leases in
Sections 3, 4, 5, 9 and 10, in Township 19 South,
Range 38 East, and Sections 33 and 34 in Town-
ship 18 South, Range 38 East, Lea County, New
Mexico, after separately metering the production
from each lease and from each pool prior to com-
mingling.

Case
2341

BEFORE:

Elvis A. Utz, Examiner

TRANSCRIPT OF HEARING

MR. UTZ: Case 2341.

MR. MORRIS: Application of Pan American Petroleum
Corporation for an exception to Rule 303 (a) and 309 (a), Lea
County, New Mexico.

MR. NEWMAN: Kirk Newman of Roswell, New Mexico repre-
senting the Applicant; one witness, the same witness we had in
the preceding case.

MR. MORRIS: Let the record show that the witness was
sworn in a previous case, please.

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MR. UTZ: Are there other Appearances in this case?

W. J. SANDIDGE, JR.,

recalled as a witness herein, having been previously duly sworn on oath, was examined and testified further as follows:

DIRECT EXAMINATION

BY MR. NEWMAN:

Q Are you the same Mr. Sandidge who testified in the preceding case?

A I am.

Q Would you state briefly the purpose of this Application in this case?

A Pan American has a number of tank batteries in and adjacent to the southern site of Hobbs, New Mexico. It is our desire to consolidate these tank batteries into two central sites which will be served by automatic custody transfer facilities. These batteries presently serve a number of Hobbs pools, Bowers Pool and Hobbs Drinkard Well.

Q Is there residential development in the area of these wells?

A The residential development is encroaching on a number of these tank batteries.

Q Would you refer to what will be offered as our Exhibit 1 and explain the layout of that exhibit, please, sir.

A Exhibit 1 is a brochure which we have prepared. On the left side it contains the discussion which we feel represents the

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merits of our case. On the right side, there are four attachments consisting of a map, a list of leases affected, and two schematic drawings showing the manner in which the consolidation will be effected.

Q Will you refer to your Attachment 1 and state what is shown on that Attachment, please, sir?

A Attachment 1 is a plat of the portion of the Hobbs Field. It has outlined in blue the two groups of leases which we propose to serve by these two consolidated tank batteries. There is a railroad track running north and south paralleling the west edge of Section 34, Section 3, and Section 10. We plan to consolidate everything to the east of that railroad into one battery which is LACT Unit 1. It's in the Northwest Quarter of the Northwest Quarter of Section 10.

Q Is the approximate location of that represented by the double blue line, there?

A It's my impression that the railroad is several hundred feet to the east of the double blue line. For practical purposes, the double blue line in the break between the two consolidated projects.

Q And, there are two groups of wells outlined in blue on the west part of the plat. And, the center on the group, that will be served by your LACT Unit 2?

A That is correct. We have indicated flow lines from the present battery locations to the proposed consolidated battery



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sites. Along that line, I might add that we have previously obtained permission, authorization for off-lease storage for our B. H. Turner Royalty Tract B starting up at the very north of the map, our B. H. Turner Royalty Tract A to the south of it, on B. H. Turner 2, our E. H. Byers Tract 2, and W. S. Kapps. Now, we have used the same symbol to show the previous battery sites there. However, all of those leases I have just mentioned to the north of the Section are in line Section 34 and Section 3 -- are presently produced and tested at a site at the proposed location of LACT Unit 2.

Q No. 1.

A No. 1. I beg your pardon. I can recite those orders, if you would like, or they are written over here in the discussion.

Q What was indicated by your red and your green and your orange dots on this plat?

A The wells described by the red dots, or covered by the red dots, are Hobbs Pool Wells, and the green dots indicate Bowers Pool Wells. The one orange dot indicates our one Hobbs Drinkard Pool Well.

Q And, except for the wells which you have previously obtained off-lease storage approval by order of the Commission, that caps the Byers and the three Turner Wells. What is indicated by the rectangle shown?

A In general, the rectangles show the location of existing tank batteries which serve the appropriate leases or pools. As



I previously mentioned, the rectangles in Sections 34 and 3 up in the upper right portion of the plat, show only where the batteries were originally. There is nothing there more now than a manifold for test purposes.

Q And so, these other indicated tank batteries would be removed and replaced by the common battery off-lease?

A By the two common batteries; that is correct.

Q You testified that the lines showed flow lines from the wells to both LACT Unit 1 and LACT Unit 2. What is shown by the dotted lines connected to LACT Unit 1?

A Well, as I previously testified, we are storing crude off-lease at the LACT Unit 1 Site. We also have test facilities for the multiple well leases down there, and the dotted line indicates test lines from the manifold to these existing test facilities.

Q Do you have any further remarks in connection with this Exhibit?

A I think we have covered it pretty well.

Q Would you read over your Attachment 2, and state, briefly, what that is? I don't believe we need to testify as to the acreage.

A Attachment 2 is a tabulation which shows the leases which will be consolidated into consolidated battery 1 and into battery 2. The primary purpose of this is to furnish a list to aid in reviewing the plat which we have classified as Attachment 1.



Q Would you now refer to Attachment 3, and state what it is and what it shows?

A Attachment 3 is a schematic diagram indicating the manner in which the various leases, royalty accounts, and pools will be consolidated into Consolidating Battery 1. That is the one on the eastern portion of the plat. Each lease royalty account and pool will be served by separate meter. There will be no commingling until after the production is metered. Testing of these leases will be accomplished in one of three ways as indicated at the upper portion of the plat: Wells on the Turner Tract 2 Lease, the E. H. Byers Lease, and the W. S. Kapps Lease, all of which are multiple well leases, have separate test facilities and, as I previously testified, by manipulating the manifold on the lease production, can be diverted from the proper well through these facilities, and then on leaving these facilities it will be diverted into the proper lease or royalty account. For example, after a well is tested for Turner Tract 2 Lease 1 of those wells, the oil will come through the line down to the lower portion of the plat and be diverted through the treating facilities for the Turner Tract 2 Lease. Now then, the other two ways in which wells can be tested here: The single well leases or royalty accounts or pool will be on continuous test at all times, of course. There are three multiple well leases or tracts in the southern portion of this project where we propose to use portable test facilities which will be moved to the appropriate manifold on the lease for

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testing. After the fluid is passed through the test facilities it will be combined with the other lease fluid and passed up to the consolidated battery site where it will pass through its treating facilities and the appropriate lease meter. So far as we can determine, there is no way whereby a person could accidentally or otherwise divert production through test facilities into the wrong lease meter.

Q I notice on here that you have indicated the LACT Unit. Does this Application cover that, or are you going to request that --

A We have not included the LACT Unit in this Application. We plan to submit an application through administrative channels for the LACT Unit. That applies for both of the consolidated batteries.

Q Do you have any other remarks in connection with this Attachment?

A It might be well to say a word regarding the check valves which we propose to install. We have a little symbol. I can best describe it: There is a check valve below each lease meter which will prevent backflow through that meter. We might also point out that the lines downstream of the meters are manifolded to permit proving of the meter into one of the 1,000-barrel storage stations. So production, after passing through the lease meter and being recorded, can be diverted to prove the meter, or it can pass directly to the storage tank and thereby into the



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automatic custody transfer facilities.

Q Would you state what the allowable for these wells will be in relation to the storage that is available for these wells?

A The allowable, the total allowable for wells served by this battery is approximately 825 barrels per day.

Q And, you have how much storage facilities?

A 3,000 barrels.

Q Will this lease be attended, and with what frequency?

A The lease will be attended off and on for an 8-hour period daily. It will be unattended for approximately 16 hours during the night.

Q Would you now refer to your Attachment 4, and state what that Attachment shows, and explain it, please, sir?

A Attachment 4 is a schematic diagram of the facilities we propose for Consolidated Battery Site 2. We propose to use separators for each individual lease, royalty account, and pool. Downstream of the separators we will install a temperature compensated positive displacement meter and a sampling device. After passing through these separators, the metering, and sampling equipment, production from the various leases, pools, royalty accounts, will be commingled and will pass to common treating facilities. After passing through the treater, the production will go to a 1,000-barrel storage tank and thence through the automatic custody transfer equipment.

Q What is your arrangement for testing the wells connected



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to this battery?

A There will be no testing of wells at the consolidated battery site. Here again, we will provide portable test facilities, and all testing will be provided at the lease manifold to the appropriate lease. After passing through the test facilities, the production will be joined with the production from the wells that are not on test, and passed through a common flow line for that lease, royalty account, or pool, into the common battery site. And, I want to emphasize that we have a separate flow line setup for each lease, or royalty account, or pool on this side. For example, if you will refer to the one on the plat. The H. D. McKinley Lease has both Bowers Pool and Hobbs Pool oil. Well, we have two separate flow lines coming into the consolidated battery sites. And, if you will refer, now, to Attachment 4, a schematic diagram, we also have a separate separator for each pool for the H. D. McKinley Lease.

Q What is your relationship of allowable production to storage here?

A Here again, it's rather favorable. The combined allowables of all of the wells that will be served by this battery is 1,077 barrels. We will have three one thousand-barrel tanks, or somewhat under three times the allowable. These leases, again, will be attended 8 hours daily.

Q Will the granting of this Application and the use of the common tank batteries in any way affect correlative rights?



A We feel that with the facilities just discussed in great detail, that correlative rights will be adequately protected.

Q Will the granting of this Application in any way effect waste?

A It will greatly enhance our position in that regard and in a couple of respects in that with Hobbs Crude, the Hobbs Pool Crude will be upgraded by commingling with the Hobbs Drinkard and the Bowers Pool Crude. According to the best information we can find, the Hobbs Crude has a gravity of 35.8 degrees API. The Bowers Pool has a gravity of 42.5, and the Hobbs Drinkard Pool has 37.0; and by commingling that, the commingled crude, according to our calculations, will fall just over the dividing line to 36 gravity crude, and therefore, the price received for the Hobbs Crude will be increased. We estimate that the additional income to both Pan American and its royalty owners will be on the order of \$8,850.00 per year due to this commingling. Also, there are some low-capacity leases involved here where the pipeline runs are rather infrequent and there is quite a loss of gravity, I understand, due to weathering. We feel that a great deal of this weathering will be eliminated, or certainly all of it will be eliminated through use of the automatic custody transfer equipment. In addition to the savings there, we anticipate \$10,400.00 per year savings in labor, and as a wild guess, something like \$5,000.00 savings in maintenance expense, giving us a total savings of \$24,250.00.

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Q And, resulting operational savings, that will extend the economic life of the leases in this area?

A We feel it will.

Q Do you have any more remarks in connection with this case?

A I have nothing further.

Q Were these Exhibits prepared by you or under your direction?

A They were.

MR. NEWMAN: We would like to offer Exhibit 1. I believe that is all of the direct.

MR. UTZ: Without objection, Exhibit 1, with its attachments will be entered into the record in this case.

(Whereupon Petitioner's Exhibit 1 and its attachments received in evidence.)

Q (By Mr. Utz) Mr. Sandidge, as I understand this system, each lease will be of its individual test facilities.

A Well, it's more than that, Mr. Utz. Each lease, each pool, and each royalty account on the lease will.

Q Yes, sir. And, that will be tested before metering. The tests will be made before metering?

A All testing will be done before the crude passes through the appropriate meters; that is correct.

Q There will be no testing after metering, in other words?

A There will be no testing after metering.



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Q Now, that is true for each pool on each lease, also?

A That is correct; yes, sir.

Q And, on your recycling that has been recycled, any oil that you have to recycle will be recycled out of your non-storage and back into your common storage. You do not use any lease facilities for treating?

A No lease facilities will be used for recycling.

Q What type meters do you propose to install?

A They are A. O. Smith temperature compensating meters.

Q These are a re-set recording device?

A It's my understanding that they will have a non-re-set counter, and that the counter will be sealible.

MR. UTZ: Are there other questions of the witness?

MR. PORTER: Yes, sir; I have one.

Q (By Mr. Porter) You only have one Drinkard Well producing?

A That is correct, yes.

Q That is the Hobbs Drinkard?

A I believe that is a Hobbs Drinkard Pool in its entirety.

Q What is that well production? About 11 barrels a day?

A I have a fairly recent test taken here within the past three to six months, if I can find it. I'll have to figure it's on the order of 10 barrels, Mr. Porter. If you want it --

Q That's all right. The thing I was getting at here, is that the bulk of the oil here that we are talking about comes from



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the Hobbs paddock. Your Bowers Leases are very, very marginal, too.

A I have that test. The Hobbs Drinkard makes 14 barrels per day. The Bowers makes 39 on the west side and 10 on the east side, a total of 49.

Q That is for several wells?

A Yes, sir. Yes, sir; that is combined.

Q Or a number of wells in the Bowers?

A I believe that is for five wells.

Q And, that is Seven Rivers production?

A Yes, sir; I believe that is correct.

Q You say the gravity, there, is on the order of 38?

A It's 42.5.

Q How many tank batteries does this eliminate?

A I'll have to count them. It will eliminate 14 on the west side, and it will eliminate 6 on the east side. It will eliminate 12 on the west side, bearing in mind that 6 of them have already been moved down there but they will be taken out. We would like one point -- I forgot to mention -- We would like to emphasize the safety aspect of this. As I previously testified, residential development is encroaching on a number of these batteries. In at least one case children have been caught on top of these tanks which, of course, is a very dangerous practice; and it will consolidate our operations where we can watch them better and prevent such a practice in the future.



Q You probably have the support of the Hobbs City Council on that?

A We have not discussed it with the Council, but I do not see as how they would object.

MR. NEWMAN: Probably just one jump ahead of them.

Q (By Mr. Utz) Mr. Sandidge, would Pan American be willing to incorporate any changes that a subsequent order of the Commission might want in this system?

A Well of course, we are very aware of your Committee on Commingling. In fact, we have members on it. So far as we can determine, this will comply with what we anticipate the order will embrace with one or two exceptions. We might ask for an exception, but we will comply with the Commission's orders.

MR. UTZ: Are there any other questions?

MR. MORRIS: No.

MR. UTZ: The Witness may be excused. Are there other statements in this case? The case will be taken under advisement, and the Hearing will be adjourned until 1:30 P.M.

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STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, MICHAEL P. HALL, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this *11th* day of August, 1961.

Michael P. Hall
Notary Public-Court Reporter

My Commission expires:

June 20, 1965

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. *2341*, heard by me on *July 19, 1961*.
Elmer A. Duff Examiner
New Mexico Oil Conservation Commission



EXHIBIT
PAN AMERICAN PETROLEUM CORPORATION
APPLICATION FOR EXCEPTIONS TO STATEWIDE
RULES 303(a) AND 309(a) TO PERMIT
COMMINGLING AND OFFLEASE STORAGE OF
CRUDE FROM VARIOUS LEASES IN THE HOBBS,
BOWERS, AND HOBBS-DRINKARD POOLS.

EXAMINER HEARING CASE NO. 2341
JULY 19, 1961

DISCUSSION

Pan American Petroleum Corporation respectfully requests that the New Mexico Oil Conservation Commission grant exceptions to Statewide Rules 303(a) and 309(a) to permit commingling of production and offlease storage of crude from various Pan American leases in the Hobbs, Bowers, and Hobbs-Drinkard Pools of Lea County, New Mexico.

Attachment I is a plat showing all leases and wells which will be involved in this project. Consolidated Battery No. I will serve 26 Hobbs pool wells and one Bowers pool well. Consolidated Battery No. II will serve 33 Hobbs pool wells, 4 Bowers pool wells, and one Hobbs-Drinkard pool well. The leases involved, the number of wells thereon, and a description of the lease acreage are shown as Attachment II.

Off lease storage of crude from the W. S. Capps Lease at a battery on the State A Tract 7 Lease was previously authorized by the Commission's Order No. R-647 in Case No. 901. By Order No. R-838, Case No. 1089, the Commission authorized offlease storage of crude from the B. H. Turner Tract 2 Lease (Bowers Pool) and by Order No. 837, Case No. 1090 authorized offlease storage of crude from the B. H. Turner Tract 1, R/A "A" and "B" and Tract 2, R/A "C" Hobbs Pool at the same site on the State "A" Tract 7 Lease. Crude from all of these leases is now produced into separate storage facilities on the State "A" Tract 7 Lease. Consolidated Battery No. I will be constructed at this site and will utilize the flow lines and test facilities of the aforementioned leases.

Attachment III is a diagrammatic sketch showing the treating, separating, metering, sampling, storage and custody transfer equipment which will be utilized at Consolidated Battery No. I. Treaters will serve all leases which do not produce pipeline oil while separators will serve those leases which produce pipeline oil. After passing through the treater or separator, crude from each lease will be metered with a temperature compensated meter and then pass into a 1000 barrel storage tank where it will be commingled with crude from other leases, etc. Custody transfer from this tank to the pipeline will be through automatic equipment similar to that now in service at other Pan American LACT installations. A manifold is provided to permit proving each meter into a 1000 barrel tank which will be strapped in accordance with applicable API standards. Check valves are provided to prevent accidental diversion of crude from one lease to another and with this installation it will be physically impossible to divert crude from one lease into the flow stream from another lease ahead of that lease's meter.

Well testing will be accomplished in one of three ways at this battery: (1) Single well leases, royalty accounts, and the Bowers pool well will be on continuous test at all times; (2) Existing test facilities will be used to test the Turner Tract 2 wells, E. H. Byers "A" wells and W. S. Capps wells. Oil will be diverted at the lease manifold through a test line, thence through a separator, meter and sampler and then be recombined in the appropriate flow stream ahead of the lease meter; (3) Wells on the

State "A" Tract 7, W. N. Terry Tract 2, and B. L. Thorp R/A "A" leases will be tested with portable test equipment which will be moved to the appropriate manifold on the lease for testing. After passing through the test equipment the well fluid will be combined with other lease production and pass through the lease flowline to the consolidated battery site.

Attachment IV is a diagrammatic sketch showing the installation proposed for Consolidated Battery No. II. Individual separators, meters and samplers will be provided for each individual lease, royalty account and pool therein. After passing through a separator, production from each lease will be metered with a positive displacement meter, sampled and then commingled with other crude from other leases. The commingled crude will then be treated to remove water and then pass into a 1000 barrel storage tank from which custody will be transferred to the pipeline with automatic equipment.

A manifold is provided to permit proving of the individual lease meters into a 1000 barrel tank. Check valves in this manifold will prevent transfer of crude through this manifold from facilities of one lease to those of another lease.

No well testing equipment will be used at this site. The single well leases, etc. will be on continuous test at all times. Testing of the multiple well leases will be accomplished with portable testing equipment which will be moved to a manifold on the appropriate lease. After passing through the test equipment the well fluid will be combined with other lease production and then pass through the lease flowline to the consolidated battery site.

Applications for permission to install automatic custody transfer equipment at both consolidated battery sites will be submitted to the New Mexico Oil Conservation Commission through administrative channels.

The purchaser, Shell Pipeline, has verbally indicated his approval of this proposal.

js/bj

EXHIBIT
PAN AMERICAN PETROLEUM CORPORATION
APPLICATION FOR EXCEPTIONS TO STATEWIDE
RULES 303(a) AND 309(a) TO PERMIT
COMINGLING AND OFFLEASE STORAGE OF
CRUDE FROM VARIOUS LEASES IN THE HOBBS,
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EXAMINER HEARING CASE NO. 2341
JULY 19, 1961