

PC ~~FILE~~ 2/8/99  
993 ~~153~~

# Mobil Exploration & Producing U.S. Inc.

P.O. BOX 633  
MIDLAND, TEXAS 79702-0633

MIDLAND SITE  
ENVIRONMENTAL, REGULATORY &  
LOSS PREVENTION

January 15, 1999

JAN 18 1999



New Mexico Oil Conservation  
2040 S. Pacheco  
Santa Fe, New Mexico 87505

**Ref: Surface Commingling Application  
Bridges State 120 Battery and  
Bridges State Consolidated  
Battery  
Lease No. B-1520  
Lea County, New Mexico**

Dear Sir:

Mobil Exploration & Producing US, Inc. as agent for Mobil Producing TX & NM Inc. hereby applies for surface commingling on Bridges State Leases in Lea County.

Information on subject leases/fields is as follows:

Bridges State 120 Battery

Vacuum (Middle Penn) 62309

Bridges State #120      UL/N Sec. 13, T17S, R34E  
Bridges State #126      UL/J Sec. 11, T17S, R34E  
Bridges State #512      UL/O Sec. 11, T17S, R34E

Bridges State Consolidated Battery

Vacuum (Grayburg - San Anders) 61750

Bridges State #60      UL/H Sec. 14, T17S, R34E  
Bridges State #502      UL/M Sec. 13, T17S, R34E

Well Name & No.	Gravity	Comm. Gravity	Current Production	
			Oil	Water
Bridges State #512	40.2	38.0	14	0
#126	40.8	38.0	0	2
#120	40.8	38.0	49	971
#60	36.2	38.0	2	11
#502	36.2	38.0	4	20



**Environmental  
Awareness**

Attached is the following pertinent information for this application according to rules and procedures:

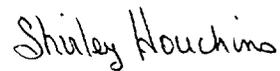
- A schematic diagram of the proposed installation.
- A plat showing the location of all the wells on the lease and the pool from where each well is producing.
- Commissioner of Public Lands Approval of Commingling

The production will be allocated by testing prior to commingling.

The result of this surface commingling will not reduce the commercial value of the commingled product.

If additional information is needed, please call me at (915) 688-2585.

Sincerely,



Shirley Houchins  
Environmental & Regulatory Technician

Attachments



**Environmental  
Awareness**



**GAS GOES TO GPM GAS CORP.**

**BRIDGES STATE CONSOLIDATED BATTERY**

055227643: CHG  
METER-BRIDGES STATE  
CONSOLIDATED BTY

00091690101:  
BRIDGES STATE  
502

0022886: BRIDGES  
STATE #502 PUMPU



0022903: BRIDGES  
STATE CONS. BATTERY



Full Stream

0022900: BRIDGES STATE  
CONSOL BATTERY

**OIL HAND RUN TO MOBIL PIPE LINE**

056220284: OIL PROD  
TANK BRIDGES STATE  
CONS BTY 1

056220286: OIL PROD  
TANK BRIDGES STATE  
CONS BTY 1

00091480101:  
BRIDGES STATE  
080

0022887: BRIDGES  
STATE #60 PUMPU



056222201: BRIDGES ST  
CONS BTY  
#1-PROD WATER

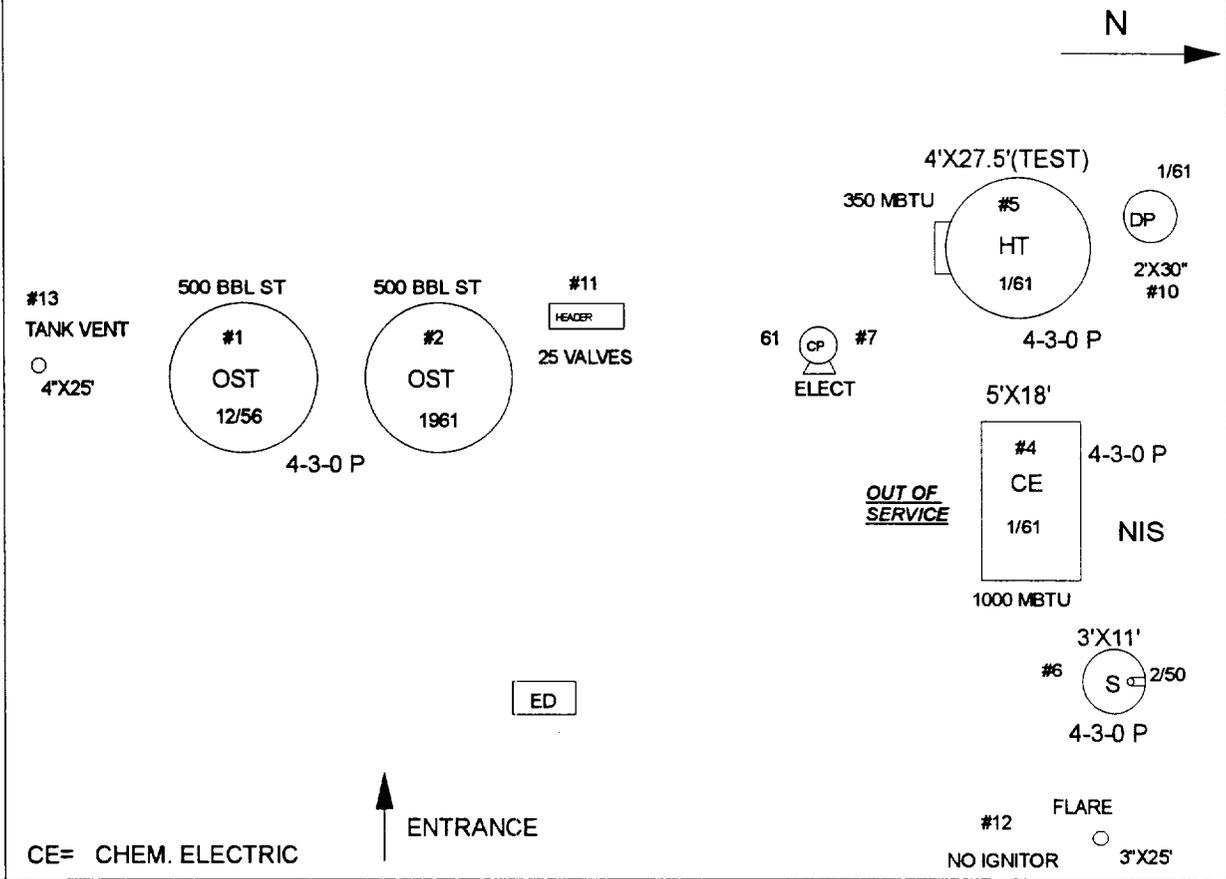
**LEA COUNTY  
NM  
UNIT-J SEC-14 TS 17-S R 34-E**

**WATER GOES TO SEC.-27 DISPOSAL**





# FACILITY DRAWING



## DIRECTIONS TO FACILITY

WEST OF LOVINGTON NM ON HWY 82 FOR 8 MILES TO HWY 238 THEN SOUTH 5.6 -

WEST 0.8 MILES TO CALECHE ROAD NORTH 0.4 MILES, BATTERY ON LEFT

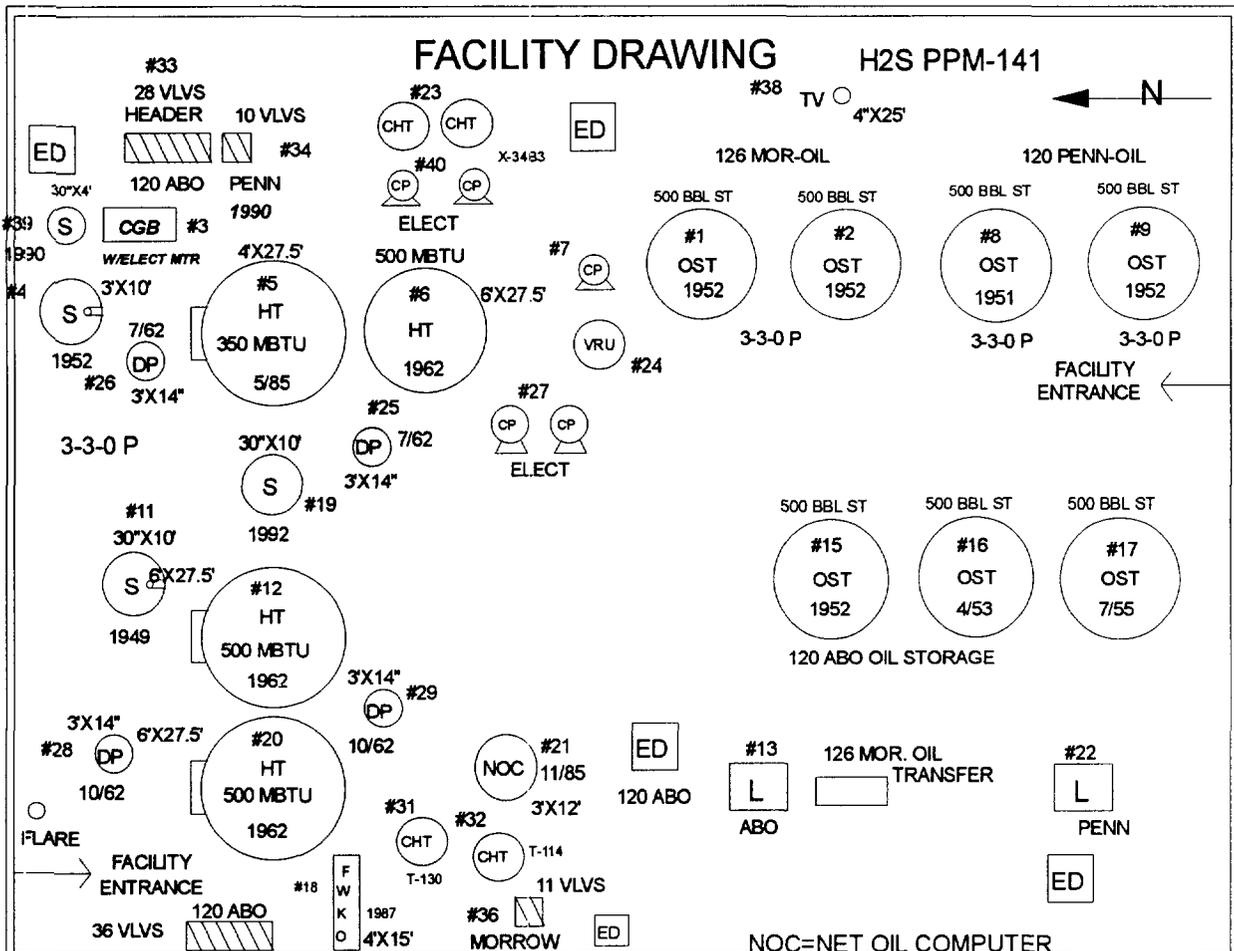
AVG. DAILY PROD: 43 BO, 445 BW, 0 MCFG, 19600 PPM H2S

14.8 MILES FROM LOVINGTON

## SYMBOLS:

OST-OIL STORAGE TANK  
 LST-LUBE OIL STORAGE TANK  
 WST-WATER STORAGE TANK  
 SOT-SKIM OIL TANK  
 CHT-CHEMICAL DRUMS OR TANKS  
 GB-GUN BARREL  
 HT-HEATER TREATER  
 LH-LINE HEATER  
 S-SEPARATOR  
 FWKO-FREE WATER KNOCKOUT  
 VRU-VAPOR RECOVERY UNIT  
 L-LACT UNIT  
 IP-WATER INJECTION PUMP  
 CP-CIRCULATING PUMP  
 TP-TRANSFER PUMP  
 ED-ELECTRICAL DISCONNECT

MOBIL EXPLORATION & PRODUCING U.S., INC. MIDLAND DIVISION	
FIELD	VACUUM
LEASE	BRIDGES STATE W.E. CONSOLIDATED
FACILITY	CONSOLIDATED BATTERY
COUNTY	LEA UNIT J STATE NM
SECTION	14 TOWNSHIP 17S RANGE 34E
DATE DRAWN:	06-12-96
E&R CODE:	59
FILE:	ER59.DRW



WEST OF LOVINGTON NM 8 MILES ON HWY 82 THEN SOUTH 4.5 MILES ON HWY 238  
 WEST ON CALECHE ROAD 1 MILE THEN SOUTH ON LEASE ROAD .3 MILES TO BTRY  
 13.8 MILES FROM LOVINGTON

**SYMBOLS:**

- OST-OIL STORAGE TANK
- LST-LUBE OIL STORAGE TANK
- WST-WATER STORAGE TANK
- SOT-SKIM OIL TANK
- CHT-CHEMICAL DRUMS OR TANKS
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- CP-CIRCULATING PUMP
- TP-TRANSFER PUMP
- ED-ELECTRICAL DISCONNECT

MOBIL EXPLORATION & PRODUCING U.S., INC. MIDLAND DIVISION	
FIELD	VACUUM
LEASE	120 ABO, 120 PENN, 126 MORROW, UNIT LETTER H
FACILITY	CENTRAL BATTERY
COUNTY	LEA STATE NM
SECTION	14 TOWNSHIP 17S RANGE 34E
DATE DRAWN:	06-12-96
E&R CODE:	74
FILE:	ER74.DRW



COMMERCIAL RESOURCES  
(505)-827-5724

SURFACE RESOURCES  
(505)-827-5795

MINERAL RESOURCES  
(505)-827-5744

ROYALTY  
(505)-827-5772

State of New Mexico  
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.  
310 Old Santa Fe Trail, P. O. Box 1148  
Santa Fe, New Mexico 87504-1148  
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS  
(505)-827-5765

ADMINISTRATIVE MGMT.  
(505)-827-5700

LEGAL  
(505)-827-5715

PLANNING  
(505)-827-5752

January 12, 1999

Mobil Exploration & Producing U.S. Inc.  
P. O. Box 633  
Midland, Texas 79702-0633

Attn: Ms. Shirley Houchins

Re: Surface Commingling Application  
Bridges State 120 Battery and  
Bridges State Consolidated Battery  
State Lease Number B-1520-1  
Lea County, New Mexico

Dear Ms. Houchins:

We are in receipt of your letter of December 21, 1998. Your letter requests our approval to surface commingle the production from the Bridges State Well Nos. 512, 126, and 120 (Vacuum; Middle Penn) with the production from the Bridges State Well Nos. 60, and 502 (Vacuum; Grayburg-San Andres).

Since it appears that all the New Mexico Oil Conservation Division's rules and regulations have been complied with, and there will be no loss of revenue to the State of New Mexico as a result of your proposed operation, your request is hereby approved. Our approval is subject to like approval by the New Mexico Oil Conservation Division.

Please submit a \$30.00 dollar filing.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS



BY:  
JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744  
RP/JB/pm

pc: Reader File, OCD-Attention: David Catanach, Ben Stone,