



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

BRUCE KING  
GOVERNOR

3-17-95

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL X \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

1 SL-35K

Gentlemen:

I have examined the application for the:

Shell Western & Pine State A # 10-A 31-17-35  
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton  
Supervisor, District 1

/ed

## Shell Western E&P Inc.

An affiliate of Shell Oil Company



P. O. Box 576  
Houston, TX 77001

March 15, 1995

### AIRBORNE EXPRESS

Mr. Michael E. Stogner  
State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Dear Mr. Stogner:

SUBJECT: APPLICATION FOR ADMINISTRATIVE APPROVAL OF  
UNORTHODOX LOCATION  
NORTH VACUUM-ABO OIL POOL  
STATE "A" WELL NO. 10  
SECTION 31, T17S-R35E  
LEA COUNTY, NM

Shell Western respectfully requests administrative approval of an unorthodox location for the State "A" #10 in the North Vacuum-Abo Oil Pool. The State "A" #10, located 940' FNL & 940' FEL Section 31, T17S, R35E in Lea County, New Mexico reached total depth on March 8, 1995. Shell plans to plug back the Vacuum Middle Penn and Vacuum Wolfcamp and recomplete to the North Vacuum-Abo Oil Pool. Special pool rules provided in Order No. R-2421-A require the first well drilled on each proration unit in the North Vacuum-Abo Oil Pool to be located within 200 feet of the center of either the NW/4 or the SE/4 of a governmental quarter section. Surface use restrictions (as shown on the attached plat) in the NW/4 of the quarter section prevented drilling the subject well at an orthodox location. Directional drilling to reach a legal bottom-hole location is not economically feasible.

The following information is enclosed: Form C-102 showing the proposed 80-acre proration unit, for the North Vacuum-Abo Pool, topographical plat identifying surface obstructions preventing use of the legal location, list of offset operators, and a land plat map identifying offset operators. The undersigned hereby certifies that all information presented in the enclosed is current and correct.

Shell Western believes approval of this request will be in the interest of conservation, will protect correlative rights, and will allow for a more complete recovery of oil reserves from the subject acreage.

Shell Western is notifying all offset operators of this application by sending a copy of the application package, along with waiver of objection forms, via certified mail. Should you require further information, please call Yvonne Iverson at (713) 544-3226.

Sincerely,

*Guanne T. Luerson*

*for*

G. S. Nady  
Manager - Asset Administration  
Western Asset  
Continental Division

cc: Mr. Jerry Sexton  
New Mexico Oil Conservation Division  
P. O. Box 1980  
Hobbs, New Mexico 88241-1980

RECEIVED  
MAY 18 1995  
OIL & GAS  
OFFICE

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88243

DISTRICT II  
P.O. Drawer DD, Artesia, NM 86210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |                                           |                                   |
|----------------------------|-------------------------------------------|-----------------------------------|
| API Number<br>30-025-32844 | Pool Code<br>61760                        | Pool Name<br>NORTH VACUUM-ABO OIL |
| Property Code<br>10120     | Property Name<br>STATE "A"                | Well Number<br>10                 |
| OGBID No.<br>020676        | Operator Name<br>SHELL WESTERN E & P INC. | Elevation<br>3973                 |

Surface Location

|                    |               |                  |               |         |                      |                           |                      |                        |               |
|--------------------|---------------|------------------|---------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot No.<br>A | Section<br>31 | Township<br>17 S | Range<br>35 E | Lot Idn | Feet from the<br>940 | North/South line<br>NORTH | Feet from the<br>940 | East/West line<br>EAST | County<br>LEA |
|--------------------|---------------|------------------|---------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|

Bottom Hole Location If Different From Surface

|                       |                      |                    |           |         |               |                  |               |                |        |
|-----------------------|----------------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No.         | Section              | Township           | Range     | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| Dedicated Acres<br>80 | Joint or Infill<br>Y | Consolidation Code | Order No. |         |               |                  |               |                |        |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|                      |  |  |  |  |  |  |  |  |  |
|----------------------|--|--|--|--|--|--|--|--|--|
| LOT 1<br>37.50 ACRES |  |  |  |  |  |  |  |  |  |
| LOT 2<br>37.51 ACRES |  |  |  |  |  |  |  |  |  |
| LOT 3<br>37.42 ACRES |  |  |  |  |  |  |  |  |  |
| LOT 4<br>37.42 ACRES |  |  |  |  |  |  |  |  |  |

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

*Yuanne T. Nady*  
Signature  
Y. S. NADY  
Printed Name  
MGR - ASSET ADMIN.  
Title  
3/15/95  
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JANUARY 19, 1995  
Date  
JLP  
Signature and Seal of Professional Surveyor  
No. 3239  
W. C. BURROUGHS  
Certified by  
RONALD J. EDSON, 676  
J. EDSON, 3239

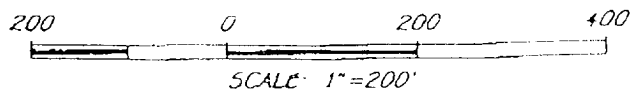
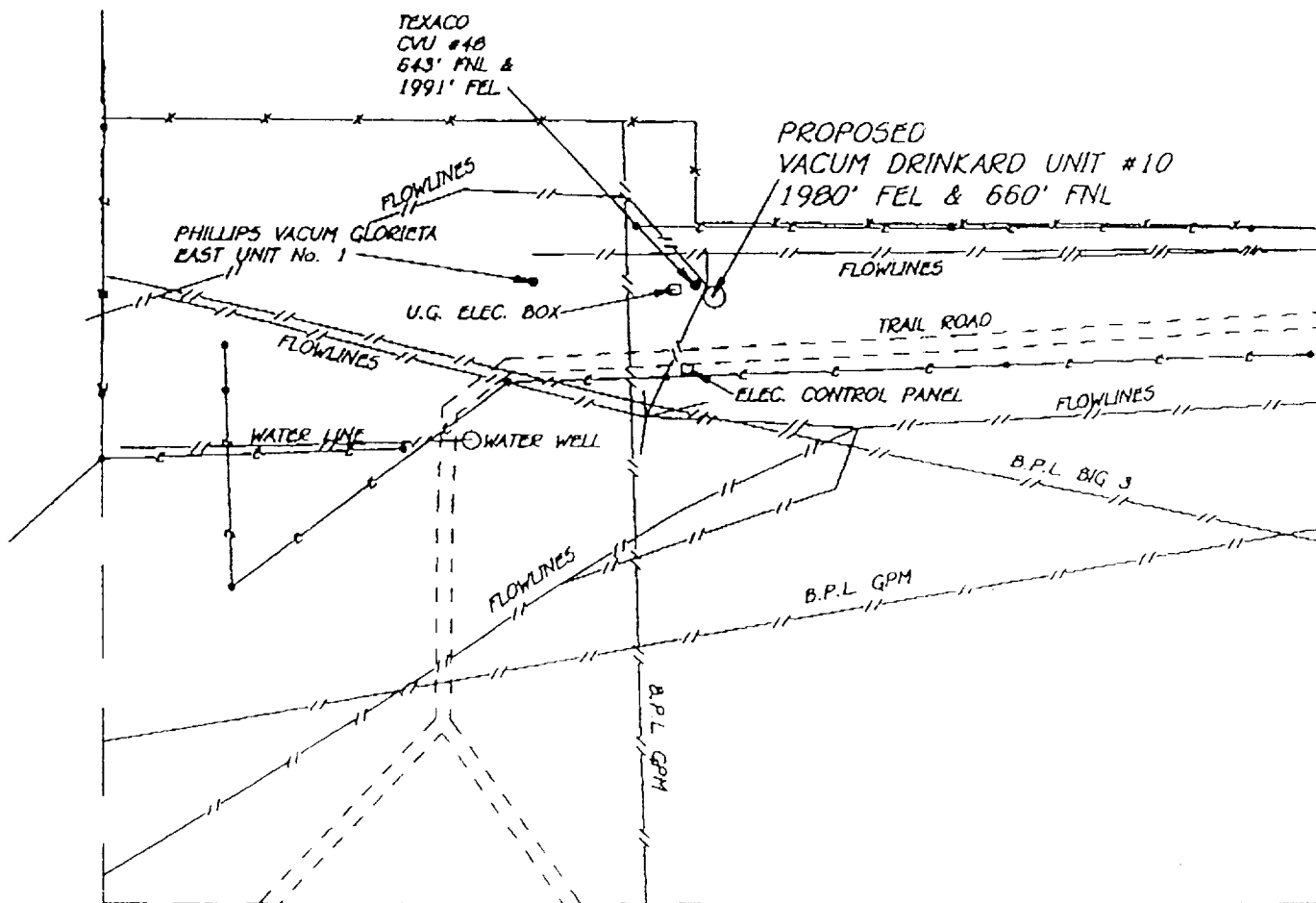
30

NORTH QUARTER CORNER

31

NE. CORNER OF THE  
NW/4 NE/4 OF SEC. 31.  
T-17-S, R-35-E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

## GPM LEE GAS PLANT



## SHELL WESTERN E &amp; P, INC.

TOPO SURVEY OF THE AREA AROUND THE PROPOSED  
VACUUM DRINKARD UNIT #10, LOCATED 660 FEET  
FROM THE NORTH LINE & 1980 FEET FROM THE EAST  
LINE OF SECTION 31, TOWNSHIP 17 SOUTH, RANGE 35  
EAST N.M.P.M., LEA COUNTY, NEW MEXICO.

## **OFFSET OPERATORS**

State "A" #10  
Section 31, T17S-R35E  
Lea County, New Mexico

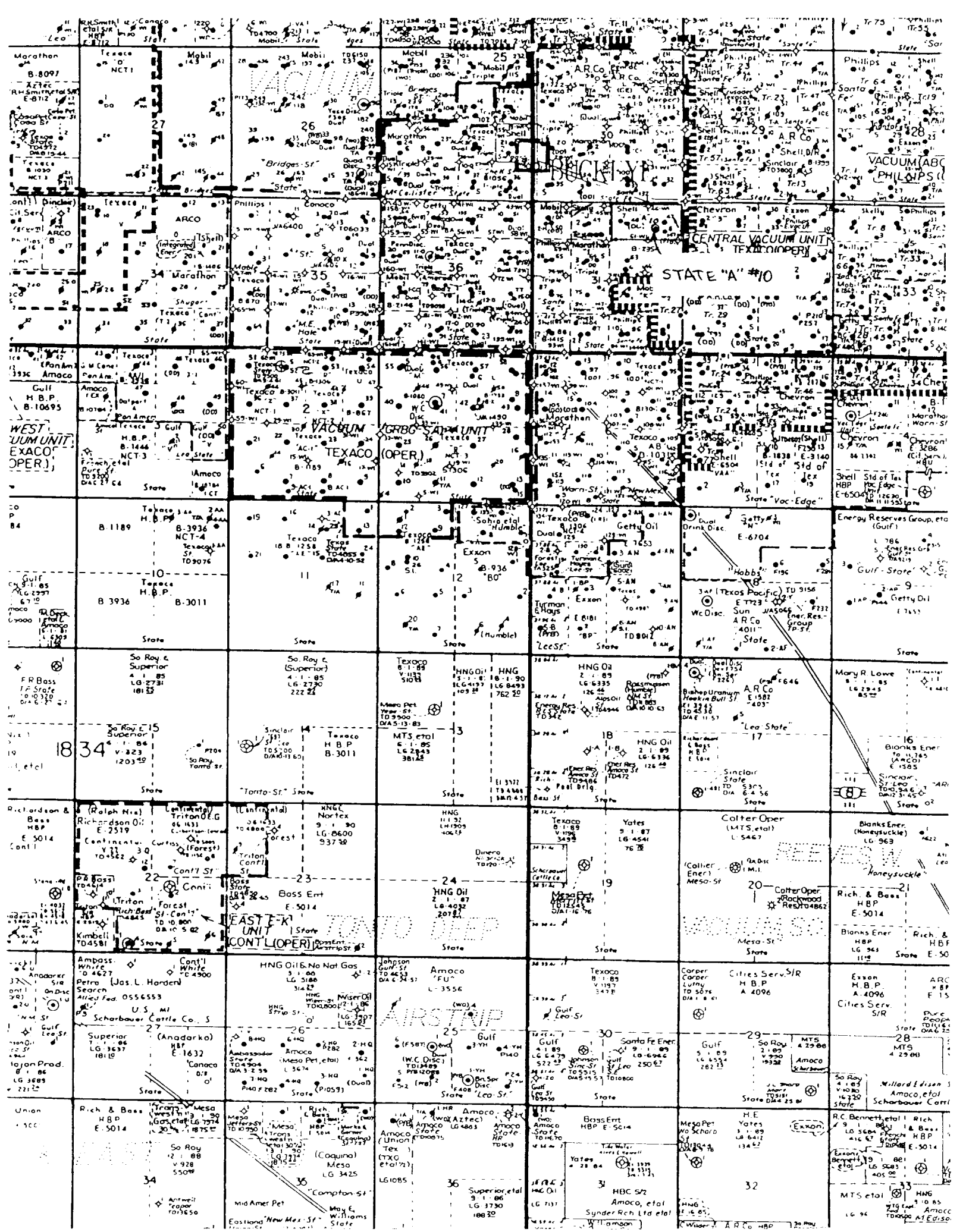
Chevron U.S.A. Inc.  
Box 1635  
Houston, TX 77251

Marathon Oil Company  
Box 552  
Midland, TX 79702-0552

Mobil Exploration & Production U.S., Inc.  
Box 633  
Midland, TX 79702-0633

Phillips Petroleum Company  
4001 Penbrook  
Odessa, TX 79762

Texaco, Inc.  
Box 3109  
Midland, TX 79702-3109



Offset Operators:

Please indicate your approval for our request as detailed in the attached package by signing the waiver form below. Please forward the signed waiver to the NMOCD, P. O. Box 2088, Santa Fe, NM 87505 and forward one copy to Shell Western E&P Inc. in the enclosed business reply envelope.

Thank you for your cooperation in this matter.

**WAIVER TO OBJECTION**

**SHELL WESTERN E&P INC.**

**Application for an  
Unorthodox North Vacuum-Abo Oil Pool - Oil Well Location  
State "A" #10  
North Vacuum-Abo Oil Pool  
NE/4 NE/4 Section 31, T17S, R35E  
Lea County, New Mexico**

I/We do hereby waive any objection to Shell Western E&P Inc.'s request for NMOCD Administrative Approval of an unorthodox well location for the State "A" #10 located 940' FNL & 940' FEL Section 31, T17S, R35E in Lea County, NM.

|            |       |
|------------|-------|
| Signature: | _____ |
| Title:     | _____ |
| Company:   | _____ |
| Date:      | _____ |