



# GREENHILL PETROLEUM CORPORATION

12777 JONES ROAD, SUITE 375  
HOUSTON, TEXAS 77070  
TELEPHONE (713) 955-1146  
FAX (713) 955-5105

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Incorporated in Delaware, U.S.A.

December 13, 1990

Oil Conservation Division  
State of New Mexico  
P.O. Box 2088  
Santa Fe, NM 87504-2088

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit  
Lovington Paddock  
Well # 100  
Lea County, NM

Reference is made to a copy of the attached letter dated 11-28-90, whereby Greenhill Petroleum Corporation requested an unorthodox location for Well No. 100. Enclosed are copies of the certified letter receipts whereby Greenhill notified the offset operators Texaco and Phillips of our location. Phillips received their notice on 12-5-90. The twenty-day waiting period would allow us to receive approval after 12-25-90. Thank you for your cooperation in this matter.

Sincerely,

Michael J. Newport  
Landman

MJN:jb  
Enclosure

cc: Oil Conservation Division  
District 1

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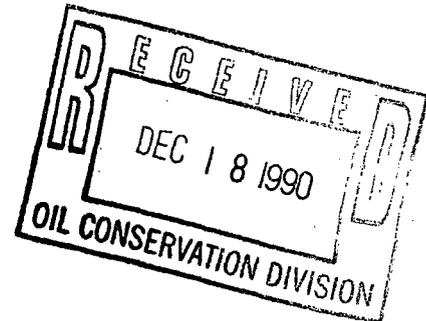
Incorporated in Delaware, U.S.A.

November 28, 1990

Oil Conservation Division  
State of New Mexico  
Energy, Minerals and Natural Resources Dept.  
P.O. Box 2088  
Santa Fe, NM 87504-2088

Attn: Mike Stogner

Re: Unorthodox Location and Drilling Permit  
Proposed Well No. 100  
Lovington Paddock  
Lea County, New Mexico



Greenhill Petroleum Corporation respectfully requests the State of New Mexico Oil Conservation Division grant approval of the proposed unorthodox location and the attached permit to drill Well Number 100 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being water-flooded utilizing a 40-acre well density. It is believed that infill development using a 20-acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well No. 100 is located in the interior of the unit and is not competitive with offset wells outside the unit. Information gathered as a result of drilling this infill well will be utilized in evaluating additional infill development potential in the unit and ultimately may be used to evaluate the feasibility of tertiary recovery.

Greenhill Petroleum Corporation wishes to commence drilling operations of the proposed well as soon as possible and would appreciate a response to this request at your earliest convenience.

Respectfully yours,

GREENHILL PETROLEUM CORPORATION

  
Michael J. Newport  
Landman

MJN:JB  
Enclosures

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" space on the reverse side. Failure to do this will result in the return of the item to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address.  Restricted Delivery (Extra charge) **WULF #100** 2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  
**TEXACO U.S.A.**  
**P.O. BOX 3109**  
**MIDLAND TX 79702**  
**ATTN: KATH WILLIAMS**

4. Article Number

Type of Service:  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee **X** *Kath Williams*

6. Signature - Agent **X**

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Apr. 1989 \*U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" space on the reverse side. Failure to do this will result in the return of the item to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address.  Restricted Delivery (Extra charge) **WULF #100** 2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  
**PHILLIPS PETROLEUM**  
**P.O. BOX 1967**  
**HOUSTON TX 77251-1967**

4. Article Number

Type of Service:  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee **X**

6. Signature - Agent **X** *K. Williams*

7. Date of Delivery **DEC 03 1990**

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Apr. 1989 \*U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
 OIL CONSERVATION DIVISION  
 HOBBS DISTRICT OFFICE

OIL CONSERVATION DIVISION  
 RECEIVED  
 90 DEC 27 PM 11 03

12-4-90

GARREY CARRUTHERS  
 GOVERNOR

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  \_\_\_\_\_  
 NSP \_\_\_\_\_  
 SWD \_\_\_\_\_  
 WFX \_\_\_\_\_  
 PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

*Greenhill Pet. Corp. Lovington Paddock unit 100-A 12-17-36*  
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

*OK*  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Yours very truly,  
  
 Jerry Sexton  
 Supervisor, District 1

/ed