ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

5-23-89

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

1 Back

N 2662

GARREY CARRUTHERS

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:

Lease & Well No. Unit S-T-R us. Operator

and my recommendations are as follows:

Yours very truly, Jerry Sexton

Supervisor, District 1

/ed



### PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762 4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

May 16, 1989

Order R-7103 - Expansion of Authority by Administrative Action M. E. Hale Lease Well No. 22 Vacuum Grayburg/San Andres Pool Lea County, New Mexico

State of New Mexico Energy, Minerals and Natural Resources Dept. Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501-2088

Attn: William J. Lemay Director

Gentlemen:

Administrative approval, provided by Order No. 7103 and Statewide Rule 104F (III)(IV), is requested to permit drilling the unorthodox location of the subject well.

As offset operator, Texaco, Inc. has been notified of this application and has waived any objections. Attached is a project plat identifying all producing and injection wells therein, and a statement explaining the necessity for this location.

Your early consideration is appreciated. Contact me at (915) 367-1488 if you have any questions.

Yours very truly,

Sarym Janden

Larry M. Sanders, Supervisor Regulation and Proration

LMS: AP

Attachment

cc: New Mexico Dept. of Energy and Minerals
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

RECEIVED

MAY 23 1989

OCO HOBBS OFFICE

| Submit to Appropriate<br>District Office<br>State Lease 6 copies<br>Fee Lease 5 copies              |   | Minerals and Natural Reso                                      | State of New Mexico<br>linerals and Natural Resources Department |   | Form C-101<br>Revised 1-1-89  |  |
|---|---|--|--|---|---|--|
| DISTRICT I<br>P.O. Box 1980, Hobbe, NM  | 88240   | CONSERVATION<br>P.O. Box 2088                                  |  | API NO. ( assigned by   | y OCD on New Wells)   |  |
| DISTRICT II<br>P.O. Drawer DD, Artesia, NM \$8210<br>Santa Fe, New Mexico 87504-2088<br>S. Indicate |   |  |  |   | STATE X FEE   |  |
| DISTRICT III<br>1000 Rio Brazos Rd., Aziec  | , NM 87410  |  |  | 6. State Oil & Gas I<br>B-2317  |   |  |
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK   |   |  |  |   |   |  |
| a. Type of Work:  |   |  | ·····  | 7. Lesse Name or U  | ait Agreement Name  |  |
| DRILL<br>b. Type of Well:   | , 🔀 re-enter  | SNGLI -  | PLUG BACK  |   |   |  |
| OF QY GY?   | ) OTHER   | 2018   |  | M. E. Hal   | e   |  |
| Name of Operator  |   |  |  | 8. Well No.   |   |  |
| Phillips Petroleum Company 22<br>9. Pool same or Wild   |   |  |  |   | dcat  |  |
| 3. Address of Operator<br>4001 Penbrook Street, Odessa, Texas 79762 Vacuum Gb                       |   |  |  |   |   |  |
| Well Location<br>Unit Letter <u>N</u><br>Section 35   |   | rom The south<br>thip 17-S Rang<br>10. Proposed Depth<br>4900' | алана<br>34-е  | NMPM<br>NMPM<br>11. Formation<br>rayburg-San And  | Lea County  |  |
| 3. Elevations (Show wheth   | ur DF. RT. GR. etc.)  | 14. Kind & Status Plug. Bond                                   | 15. Drilling Contri  |   | proz. Date Work will start  |  |
| 4018.5' GR  | unprepared  | Blanket  | 1 -  |   | pon approval  |  |
| 1.  | PF  | ROPOSED CASING AN  | D CEMENT PRO   | OGRAM   |   |  |
| SIZE OF HOLE  | SIZE OF CASING  | WEIGHT PER FOOT  | SETTING DEPT   |   |   |  |
| 17-1/2"   | 13-3/8"   | 54.5# J-55 ST&C  | 1590'  | 1500 sx "C",<br>800 sx "C",   | 2%CaCl Surface  |  |
| <u>11"</u><br>7-7/8"  | <u>8-5/8"</u><br>5-1/2"   | 24# J-55 ST&C<br>14# J-55 ST&C                                 | <u> </u>   | Caliper volu  |   |  |
| bit and rea   | m out hole w/11   | le to ±4800', if w<br>" bit from ±1600'<br>of Class "C" + 5%   | to 3200°.  | set; if 8-5/<br>circulate to<br>volume + 30%<br>not circulat<br>erature surv<br>s encountered, w<br>8-5/8" intermed | f 8-5/8" liner not<br>(8" liner set, will<br>5 1500' using calipe:<br>6 excess. If cement<br>red to surface, temp-<br>rey will be run.<br>will COOH with 7-7/8<br>liate liner will be<br>top. |  |
|   |   | red for control.   |  |   |   |  |
| BOD Emin  | CRIBE PROPOSED PROC   | 00 # WP (See attach<br>GRAM: # MOPOSAL IS TO DEEPEN            |  |   | r 7-10)<br>Ione and proposed new productive   |  |
| IN ABOVE SPACE DES  | AND A DECK DECKED OF AN AND A DECKED OF A | de to the hast of my brandedee and i                           | beliaf.  |   |   |  |
| IN ABOVE SPACE DES  | mation above is true and compl  |  | ma Regulation & Proration  |   |   |  |
| IN ABOVE SPACE DES  | matice above is true and comple<br>MOand  | ^  | Regulation   | & Proration   | DATE May 10, 1989   |  |
| IN ABOVE SPACE DES  | MJank   | ^  | <u>Regulation</u>  | & Proration<br>Supervisor   |   |  |
| IN ABOVE SPACE DES<br>20MB. GIVE BLOWOUT PREV<br>I hereby certify that the infor<br>SEGNATURE       | MJank   | ^  | <u>Regulation</u>  | & Proration<br>Supervisor   | DATE May 10, 1989<br>TELEPHONE NO. 915/367-14   |  |

Submit to Appropriate **District Office** State Lease - 4 copies Fee Lease - 3 copies

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

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

### State of New Mexico Energy, Minerals and Natural Resources Department

#### Form C-102 Revised 1-1-89

## **OIL CONSERVATION DIVISION**

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

WELL LOCATION AND ACREAGE DEDICATION PLAT All Distances must be from the outer boundaries of the section Well No. Operator ..... M.E. Hale 22 Phillips Petroleum Company Unit Letter Township Range County Section 17 South 34 East Lea N 35 NMPM Actual Footage Location of Well: 2630 South West 650 feet from the line and feet from the line Producing Formation Dedicated Acreage: Ground level Elev. Pool Vacuum Grayburg-San Andres Grayburg-San Andres 4018.5 40 Acres 1. Outline the acreage dedicated to the subject well by colored peacil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? No No If answer is "yes" type of consolidation Yes If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if neccessary. No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division. **OPERATOR CERTIFICATION** A C D I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief. man M. Sanders Printed Name Regulation & Proration Supv. TĤ Ē Position Phillips Petroleum Company Company May 10, 1989 Date SURVEYOR CERTIFICATION 26 40.8' 2041.5 \$ K 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 supervison, and that the same is true and correct to the best of my knowledge and belief. 6 Date Surveyed SHE 1483. 20 2630 #22 ME 678 2641.3 2611.3 SON 3230 1000 500 1320 1658 1900 2310 2640 2000 1500 330 660 990

# M. E. HALE LEASE Vaccum Grayburg/San Andres Field Lea County, New Mexico Well No. 22

The proposed 10 acre infill producer is required to increase secondary as well as tertiary recovery efficiency from the Phillips M. E. Hale Lease.

Hale-Mable Vacuum Gb/SA Pressure Maintenance Project

• - PROPOSED WELLS





PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762 4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

May 15, 1989

Unorthodox Location M. E. Hale Lease Well Nos. 20, 21, 22, and 23 Vacuum Grayburg/San Andres Pool Lea County, New Mexico

Texaco, Inc. P. 0. 728 Hobbs, New Mexico 88240

Gentlemen:

Phillips Petroleum Company has made application to the Oil Conservation Division of the State of New Mexico Energy, Minerals and Natural Resources Department, requesting approval of an unorthodox location for the subject wells. As offset operator to the proration units of these locations, your waiver is requested.

If you have no objections to these locations, please sign below and return to the undersigned.

Yours very truly,

Aavery 91. Sanders by mp

Larry M. Sanders, Supervisor Regulation and Proration

Texaco, Inc. hereby waives any and all objections to the drilling of the subject wells.

Texaco, Inc.

Stgried / Seeman \_\_\_\_\_

LMS:AP Attachment