



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

5-23-89

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

*Handwritten:* 2662

RE: Proposed:

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

Gentlemen:

I have examined the application for the:

Phillips Pet Co. M.E. Hale #22-N 35-17-34  
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

*Jerry Sexton*  
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,

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

OCC  
HOBBS OFFICE

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Bureau of Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I  
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

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
B-2317

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

1b. Type of Well:

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Phillips Petroleum Company

3. Address of Operator

4001 Penbrook Street, Odessa, Texas 79762

7. Lease Name or Unit Agreement Name

M. E. Hale

8. Well No.

22

9. Pool name or Wildcat

Vacuum Gb/SA

4. Well Location

Unit Letter N : 650 Feet From The south Line and 2630 Feet From The west Line

Section 35 Township 17-S Range 34-E NMPM Lea County

10. Proposed Depth

4900'

11. Formation

Grayburg-San Andres

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

4018.5' GR unprepared

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

Will advise later

16. Approx. Date Work will start

Upon approval

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54.5# J-55 ST&C	1590'	1500 sx "C", 2% CaCl	Surface
11"	8-5/8"	24# J-55 ST&C	3200'	800 sx "C", 5% salt*	
7-7/8"	5-1/2"	14# J-55 ST&C	4800'	Caliper volume +	

30% excess if 8-5/8" liner not set; if 8-5/8" liner set, will circulate to 1500' using caliper volume + 30% excess. If cement not circulated to surface, temperature survey will be run.

\*After drilling 7-7/8" hole to  $\pm 4800'$ , if water flow is encountered, will COOH with 7-7/8" bit and ream out hole w/11" bit from  $\pm 1600'$  to 3200'. 8-5/8" intermediate liner will be set at 3200' with 800 sx of Class "C" + 5% salt, circulated to liner top.

Use mud additives as required for control.

BOP Equip: Series 900, 3000# WP (See attached schematic - Fig. 7-9 or 7-10)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE L. M. Sanders TITLE Regulation & Proration Supervisor DATE May 10, 1989


TYPE OR PRINT NAME L. M. Sanders

TELEPHONE NO. 915/367-1488

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

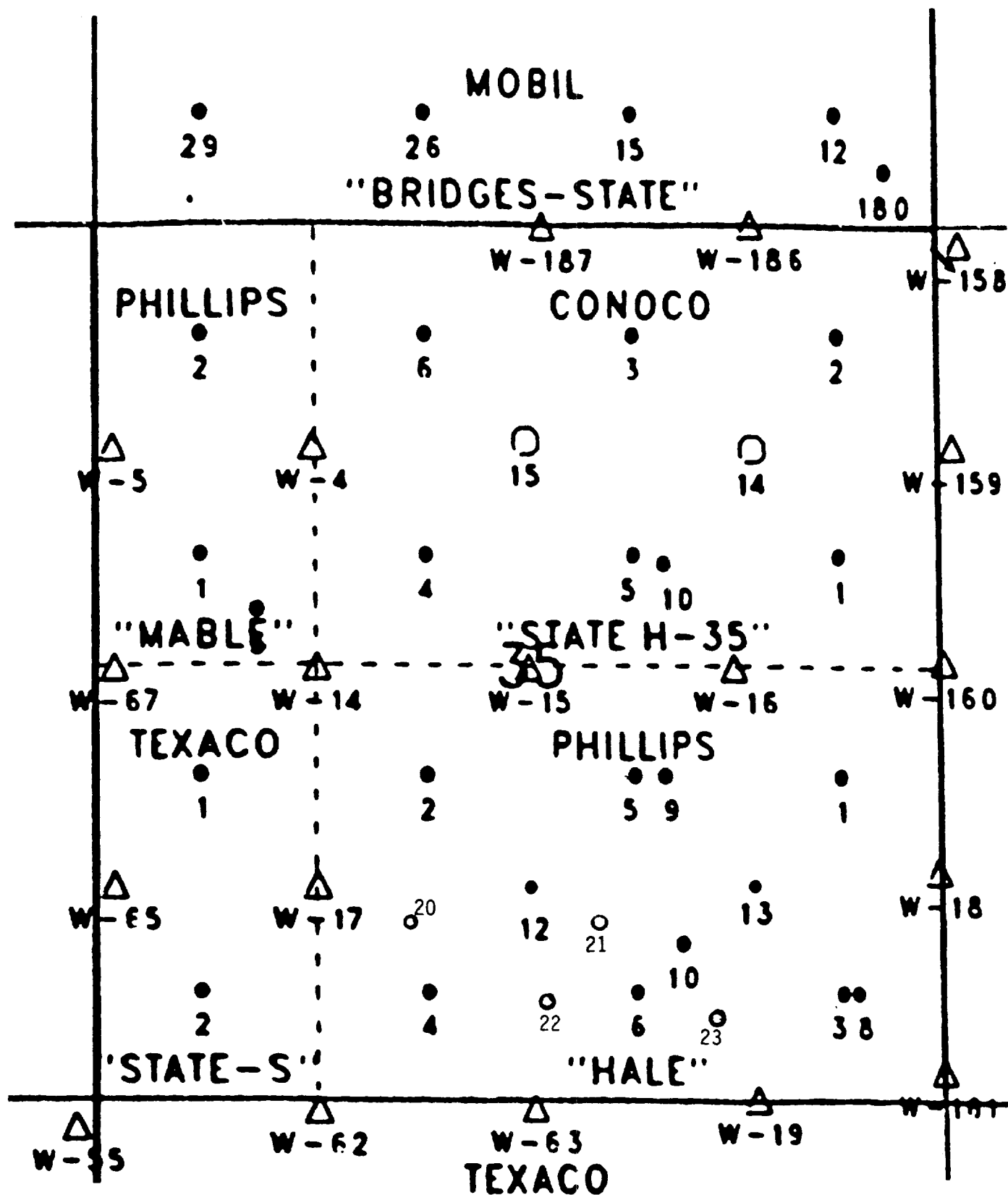
A circular seal for a Registered Professional Engineer and Land Surveyor. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR". In the center, it says "NO. 676". A signature is written across the seal.

John W. West, 676  
Honolulu, Hawaii

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.

Phillips Petroleum Company  
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. O. 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,

*Larry M. 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.

*A. J. Seeman*  
Signed  
*5/19/89*  
Date

LMS:AP  
Attachment