



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

TONEY ANAYA  
GOVERNOR

August 10, 1984

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Mr. Michael Fredette  
Shell Western E & P, Inc.  
P. O. Box 576  
Houston, Texas 77001

Re: CASE NO. 3263  
ORDER NO. R-7628

Applicant:

Shell Western E & P, Inc.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Yours very truly,

JOE D. RAMEY  
Director

JDR/fd

Copy of order also sent to:

|             |   |
|-------------|---|
| Hobbs OCD   | x |
| Artesia OCD | x |
| Aztec OCD   |   |

Other \_\_\_\_\_

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 8263  
Order No. R-7628

APPLICATION OF SHELL WESTERN  
E & P INC. FOR UNORTHODOX  
LOCATIONS, LEA COUNTY, NEW  
MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on July 11, 1984, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 10th day of August, 1984, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the Oil Conservation Commission of New Mexico, by its Order No. R-6198 dated November 30, 1979, approved statutory unitization for the North Hobbs Grayburg-San Andres Unit Area, Hobbs Grayburg-San Andres Pool, Lea County, New Mexico, and, by its Order No. R-6199 dated November 30, 1979, authorized institution of the North Hobbs Grayburg-San Andres Unit Pressure Maintenance Project in the North Hobbs Grayburg-San Andres Unit Area.

(3) That the applicant herein, Shell Western E & P Inc., seeks authority to drill 35 North Hobbs Grayburg-San Andres Unit wells at the unorthodox locations described in Exhibit "A" attached hereto.

(4) That the unorthodox locations are necessary to permit the completion of an efficient production and injection pattern within the North Hobbs Grayburg-San Andres

Unit Pressure Maintenance Project and will result in the recovery of otherwise unrecoverable oil and gas, thereby preventing waste.

(5) That the quarter-quarter section wherein each of said wells is drilled should be dedicated to such well.

(6) That approval of the application in this cause will afford the applicant the opportunity to produce without waste its just and equitable share of the oil and gas in the Hobbs Grayburg-San Andres Pool, thereby protecting correlative rights.

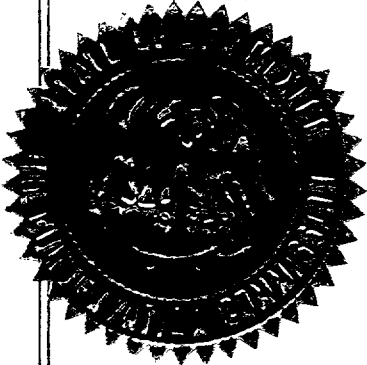
IT IS THEREFORE ORDERED:

(1) That the applicant, Shell Western E & P Inc., is hereby authorized to drill each of the wells listed on Exhibit "A" attached hereto and by reference herein incorporated, in its North Hobbs Grayburg-San Andres Unit at the location described in Exhibit "A", Lea County, New Mexico.

(2) That the quarter-quarter section wherein each of said wells is drilled shall be dedicated to such well.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



S E A L

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

*Joe D. Ramey*  
JOE D. RAMEY  
Director

fd/

NORTH HOBBS GRAYBURG-SAN ANDRES UNIT AREA  
PRESSURE MAINTENANCE PROJECT

HOBBS GRAYBURG-SAN ANDRES POOL  
LEA COUNTY, NEW MEXICO

Unorthodox Locations

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

| <u>Section<br/>No.</u> | <u>Unit<br/>Well No.</u> | <u>Unit<br/>Letter</u> | <u>Well Location</u>  |
|------------------------|--------------------------|------------------------|-----------------------|
| 13                     | 342                      | C                      | 1200' FSL & 2500' FEL |
| 13                     | 442                      | P                      | 1200' FSL & 220' FEL  |
| 24                     | 212                      | C                      | 1230' FNL & 2620' FWL |
| 24                     | 312                      | B                      | 10' FNL & 2630' FEL   |
| 24                     | 342                      | C                      | 145' FSL & 1435' FEL  |
| 24                     | 414                      | A                      | 10' FNL & 1280' FEL   |
| 24                     | 432                      | I                      | 2480' FSL & 1280' FEL |
| 24                     | 442                      | P                      | 1260' FSL & 200' FEL  |

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM

| <u>Section<br/>No.</u> | <u>Unit<br/>Well No.</u> | <u>Unit<br/>Letter</u> | <u>Well Location</u>  |
|------------------------|--------------------------|------------------------|-----------------------|
| 1                      | 212                      | C                      | 160' FNL & 1460' FWL  |
|                        | 232                      | K                      | 2795' FNL & 1390' FWL |
| 19                     | 332                      | J                      | 1430' FSL & 2535' FEL |
| 19                     | 442                      | P                      | 1100' FSL & 380' FEL  |
| 20                     | 132                      | L                      | 2490' FSL & 180' FWL  |
| 28                     | 122                      | E                      | 1592' FNL & 200' FWL  |
| 29                     | 122                      | E                      | 1600' FNL & 180' FWL  |
| 29                     | 322                      | G                      | 1430' FNL & 2350' FEL |
| 29                     | 323                      | G                      | 2540' FNL & 2500' FEL |
| 29                     | 442                      | P                      | 1230' FSL & 170' FEL  |
| 30                     | 112                      | D                      | 200' FNL & 1310' FWL  |
| 30                     | 113                      | D                      | 1310' FNL & 195' FWL  |
| 30                     | 233                      | K                      | 2455' FSL & 1480' FWL |
| 30                     | 242                      | N                      | 200' FSL & 1400' FWL  |
| 30                     | 332                      | J                      | 2470' FSL & 1600' FEL |
| 30                     | 432                      | I                      | 2260' FSL & 180' FEL  |
| 30                     | 444                      | P                      | 215' FSL & 1255' FEL  |
| 31                     | 422                      | H                      | 2259' FNL & 600' FEL  |
| 32                     | 143                      | M                      | 1185' FSL & 300' FWL  |
| 32                     | 223                      | F                      | 2630' FNL & 1410' FWL |
| 32                     | 312                      | B                      | 210' FNL & 1400' FEL  |
| 32                     | 332                      | J                      | 1550' FSL & 2350' FEL |
| 32                     | 422                      | H                      | 1385' FNL & 110' FEL  |
| 32                     | 423                      | H                      | 2540' FNL & 1280' FEL |
| 33                     | 212                      | C                      | 205' FNL & 1420' FWL  |
| 33                     | 242                      | N                      | 1280' FSL & 2530' FWL |
| 33                     | 323                      | G                      | 2495' FNL & 1420' FEL |

EXHIBIT "A"  
CASE NO. 8263  
ORDER NO. R-7628