

APPLICATION OF SHELL OIL COMPANY  
TO EXPAND ITS NORTH HOBBS  
GRAYBURG SAN ANDRES UNIT PRESSURE MAINTENANCE  
PROJECT IN THE HOBBS GRAYBURG SAN ANDRES  
POOL, LEA COUNTY, NEW MEXICO

ORDER PMX-89

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-6199, Shell Oil Company has made application to the Division on August 8, 1980, for permission to expand its North Hobbs Grayburg San Andres Unit Pressure Maintenance Project in the Hobbs Grayburg San Andres Pool, Lea County, New Mexico.

Now, on this 26th day of August, 1980, the Division Director finds:

1. That application has been filed in due form.
2. That the proposed injection wells are eligible for conversion to water injection under the terms of Order No. R-6199.
3. That the proposed expansion of the above referenced pressure maintenance project will not cause waste nor impair correlative rights.
4. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Shell Oil Company, be and the same is hereby authorized to inject water into the Grayburg-San Andres formation through plastic-lined tubing set in a packer, to wit:

TOWNSHIP 18 SOUTH, RANGE 37 EAST, NPM

<u>Section</u>	<u>Well No.</u>	<u>Letter</u>	<u>Former Well Name and No.</u>
13	141	M	Conoco State B-13 #2
13	221	F	Conoco State B-13 #4
13	431	I	Shell Rice #3
13	331	J	Shell Rice #4
14	231	K	Amerada State WHB #2
14	321	G	Getty State B #2
14	341	O	Amerada State WHB #1
14	431	I	Texas Pacific State V #1
23	121	E	C & C Operating Corp. Shipp A #1
23	211	C	Texas Pacific State V #3
23	231	K	Texas Pacific State V #5
23	321	G	Shell State F #2
23	341	O	Yates Shell State #3
23	411	A	C. H. Sweet State F #1-A
23	431	I	C. H. Sweet State F #3
24	121	E	Amerada State # #1
24	311	B	Gulf Graham State A #4

TOWNSHIP 18 SOUTH, RANGE 37 EAST, NMPH

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25	121	E	Samedan State B #2
25	231	K	Exxon New Mexico A State #6
25	341	O	Exxon New Mexico A State #5
25	431	I	Exxon New Mexico A State #1
26	411	A	Getty Hobbs E #1
36	211	C	Gulf Holt NCT-D #1
36	321	G	Amerada State C #3
36	411	A	Amerada State C #1

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPH

<u>Section</u>	<u>Well No.</u>	<u>Letter</u>	<u>Former Well Name and No.</u>
17	131	L	Chevron State 17 #1
18	131	L	Amerada Hardin #3
18	141	M	Amerada Hardin #1
18	311	B	Gulf Hardin #7
18	331	J	Gulf Hardin #5
18	341	O	Gulf Hardin #9
18	421	H	Gulf Hardin #6
19	112	D	Cities Service Hardin #5
19	311	B	Getty Hardin #3
19	411	A	Getty Hardin #4
19	431	I	Shell McKinley A #10
20	331	J	Bill Sweet Bowers B #2-A
20	421	H	C. H. Sweet McKinley B #2
21	331	J	Antweil Hobbs Cone Townsite #1
27	111	D	Shell Sanger #6
28	111	D	Atlantic Grimes SOC #3
28	221	F	Atlantic Grimes SOC #2-Y
28	231	K	Shell Grimes #3
28	441	P	Conoco Grimes #2
29	331	J	Conoco State A-29 #1
29	411	A	Exxon Grimes #1
30	141	M	Marathon State 30 #9
31	121	E	Sun Fowler #4
31	141	M	Mobil Berry #4
31	311	B	Cities Service Fowler #2
32	141	M	Gulf Grimes NCT A-2 #5
32	341	O	Marathon State 32 #5


PROVIDED HOWEVER, that the subject wells shall be governed by orders set out by Order R-6199.

That the operator shall notify the supervisor of the Division's Hobbs District Office before injection is commenced through said well.

That the operator shall immediately notify the Supervisor of the Division's Hobbs District Office of the failure of the tubing, casing, or packer in said well or the leakage of water from or around said well and shall take such steps as may be timely or necessary to correct such failure or leakage.

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY  
Division Director

SEAL