

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

4-17-90

POST OFFICE BOX 1990 HOBBS, NEW MEXICO (89241-1990) (509) 393-0161

GARREY CARRUTHERS GOVERNOR

PMX-156

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC			
DHC		 	
NSL.		 	
NSP_		 	
SWD		 	
WFX		 	
PMX	$\overline{\mathbf{X}}$	 	

Gentlemen:

I have examined the application for the:

Shell Western	EtPInc.	North	Hobby	B/SA	Unit Sec 2.	7#241-N
Operator	Lease &	Well No.	Unit	S-T-R		27-18-38

and my recommendations are as follows:

OK

Yours very truly

berry Sexton Supervisor, District 1

/ed

Shell Western E&P Inc. A Subsidiary of Sheli Oil Company



P.O. Box 576 Houston, TX 77001

APRIL 10, 1990

CERTIFIED MAIL

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

Gentlemen:

SUBJECT: EXPANSION OF PRESSURE MAINTENANCE PROJECT SWEPI - NORTH HOBBS (GRAYBURG/SAN ANDRES) UNIT HOBBS (GRAYBURG/SAN ANDRES) POOL TOWNSHIP 18 SOUTH, RANGE 38 EAST LEA COUNTY, NEW MEXICO

Shell Western E&P Inc. hereby requests administrative approval to convert one North Hobbs (Grayburg/San Andres) Unit well to water injection. Administrative Order No. R-6199, dated November 30, 1979, authorized Shell Western to operate the North Hobbs (Grayburg/San Andres) Unit pressure maintenance project within the subject pool.

The well to be converted is the North Hobbs (GSA) Unit No. 27-241, Section 27, T18S, R38E, Lea County, New Mexico. Form C-108 and the necessary documentation to obtain the injection permit is attached.

As required, a copy of this application, complete with all attachments, has been sent to the only surface owner, Shell Oil Company, Property Administration, P. O. Box 576, Houston, Texas 77001, Attn: J. R. Pruet. Because the Area of Review is wholly within the North Hobbs (GSA) Unit boundaries, no offset operator notification was necessary.

In conjunction with the above conversion to water injection, we are also notifying you for informational purposes of our intent to return the North Hobbs (GSA) Unit 27-111W to injection. The NHGSAU 27-111W was completed in February 1970 as an open-hole Grayburg, San Andres Zone I and San Andres Zone II producer. The well was converted to water injection in the Grayburg formation only in June 1981 and was subsequently temporarily abandoned in June 1989. As we reported to you in our 1990 Plan of Development, submitted on January 31, 1990, we plan to initiate water injection into the San Andres Zone I reservoir on the east flank of the unit because it is not receiving aquifer support from the Zone I waterdrive. The NHGSAU 27-111W was reported at that time as scheduled to be returned to injection in the San Andres Zone I in 1990.

MB008702.EMS

If you have any questions concerning this application or any attachment, please contact Ellyn Schade at (713) 870-3016.

Very truly yours,

OF I Killebry

W. F. N. Kelldorf Senior Staff Production Engineer Health, Safety and Environment Western Division

EMS:MB

Attachments

cc: (w/attachments)
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
P. 0. Box 2088
Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division P. O. Box 1980 Hobbs, NM 88240

RECEIVED

APR 1 6 1990 OCO HOBAS OFFICE

{

STATE OF NEW MEXICO	OIL CONSERVATION DIVISION	FORM C-108
ENERGY AND MINERALS DEPARTME	POST OFFICE BOX 2068	Revised 7-1-81
	STATE LAND OFFICE BUILDING	
	SANTA FE NEW MEXICIL 87501	

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: Secondary Recovery XXX Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X yes no

II.	Operator:	SHELL WESTERN E&P INC.	

Address:	Ρ.	0.	Box	576,	Houston,	Texas	77001	···			
Contact party:		E1	lvn S	Schad	۵			Phone:	(713)	870-3016	

- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? XX yes I no If yes, give the Division order number authorizing the project <u>R-6199</u>, <u>November 30</u>, 1979
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
 - 1. Proposed average and maximum daily rate and volume of fluids to be injected;
 - 2. Whether the system is open or closed;
 - 3. Proposed average and maximum injection pressure;
 - 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 - 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
 - IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
 - XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification

I	hereby certify	that the	e information	submitted	with 1	this	application	is	true and c	orrect
t	o the best of my	/ knowled	dge and belied	f.	Sr	. Sta	aff Product	ion	Engineer	. Health

F. N. Kelldorf Name: W. llob Signature:

_ Title <u>Safety and Environment</u>, <u>Western</u> Division Date:

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. See attached information sheet

III. WELL DATA

۰

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.
 - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- 8. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
 - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.
- XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

FORM C-108 REQUIRED INFORMATION NORTH HOBBS (GSA) UNIT NO. 27-241 CONVERSION TO INJECTION

ITEM NUMBER

- III. Well Data See attached injection well data sheet. This also includes well data requested on Side 2, Part III.A. and Part III.B.
 - V. See attached Area of Review Map for location of NHGSAU 27-241 with a one-half mile radius circle identifying the well's area of review. The map also indicates the NHGSAU 27-111W referenced in the cover letter. The NHGSAU 27-211, which has an indicated area of review, is not being permitted at this time.
- VI. This tabulation of well data supplements well data already submitted. Please reference approved orders for previously submitted data:

ORDER NO.	DATE
R-6199	11/30/79
PMX-87	8/26/80
PMX-109	08/13/81
R-6199-A	08/04/83
PMX-131	10/25/84
PMX-133	01/11/85
PMX-151	01/27/88

- Also included is a schematic of the R. H. King Sanger #1 illustrating plugging details.
- VII. Proposed Operation Data:
 - Average injection rate 1500 BWPD Maximum injection volume 2000 BWPD
 - This system is closed and is reinjecting North Hobbs (Grayburg/San Andres) Unit produced water.
 - Average injection pressure 760 psi Maximum injection pressure 812 psi
 - Injection will be into the San Andres formation at an injection interval of 4060 feet to 4350 feet (open hole). Surface injection pressure will be limited to 0.2 psi per foot gradient to the top of the open-hole interval, in accordance with Rule 11 of Order No. R-6199.

- VIII. Previously submitted by earlier referenced orders.
 - IX. The proposed stimulation program is included on the Injection Well Data Sheet.
 - X. Logs from the original oil well completion were previously submitted; however, we are enclosing more recent vintage production logs for your information:

.Sidewall Neutron Porosity Log	12-17-74
.Micro-Seismogram Log - Cased Hole	10-25-80
.Sidewall Neutron Porosity Log	7-13-87
.BHC - Sonic	7-13-87

Test Data - NHU 27-241 (Old Sanger #2)

Potential Test - 1/30/35

During the potential test, the well flowed for 1 hour at a rate of 4290 BPD with 2.6% B. S. and 6600 MCF through open 3 inch tubing. From the Engineering Committee curve, the open flow potential rated at 6200 BFPD or 6039 BOPD and 6666 MCFD.

1989 Production Data

The well produced approximately 50 BOPD and 100 BWPD with a GOR of 1250 SCF/bbl during the first 9 months of 1989.

- XI. No evidence exists of any active fresh water well within one mile of the well site. This statement is based on:
 - Attempts by Shell Western personnel to contact owners of water wells in the area. A list of permits containing ten acre locations with permit dates and owners was obtained from the State Engineer's office in Roswell. The wells are posted on the AOR map. We could not locate an active water well.
 - Discussions with personnel in both the Hobbs NMOCD Office (Mr. Sexton) and the Roswell State Engineer District Office (Mr. Hernandez).

XII. Does not apply.

- XIII. A copy of this application and attachments have been mailed, as required by "Proof of Notice" Section, to Shell Oil Company, the surface owner. There are no offset operators within the Area of Review.
 - Enclosed is the Legal Notice and Affidavit of Publication from the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico.

MB008702.EMS



RECEIVED APR 1 6 1999 NOBBS OFFICE

1

+



AOR TABULATION

N.M.O.C.D. ORDER NO. R-6199 FORM C-108, ITEM VI JANUARY 1990

								CASING	DETAIL				
S-T-R FOOTAGE	OPERATOR WELL #	ELEV.	DATE DRILLED	TD BT	WELL TYPE	SIZE	10		CEMENT (SACKS)	TOC D (FT) B	i E ≻	HOLE	MPLETIO NTERVAL
34-T18S-R38E 1990' FWL & 511 FWL	AMOCO 30	3635 GL	8/79	7050 0] 7036 DF	DRINKARD	3.375 9.625 7	54.50 32.30 20.00 23.00 26.00	420 4403 7050	450 2550 400	4045	CIRC SQZ TS	17.5 12.25 8.75	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
34-T18S-R38E Surface: 717' FNL & 651' FWL Bottomhole: 1303' FNL & 1339 FWL	MOCO WI-9	3636 GL	11/84	4491 IN 4480 GE	INJ - GB/SA	8.625 5.5 5.5	36.71 24.00 15.50	40 1655 4491	25 875 1250	000	CONSTRUCTION CIRC 12.25 CIRC 7.875	CTION 12.25 7.875	4293-4441'
34-T18S-R38E 721' FNL & 569' FWL	AMOCO 210	3637 GL	4/86	4380 OII 4370 GB,	OIL - GB/SA	16 10.75 7	42.05 40.50 23.00	40 2 1650 4380	2.5 YD 1200 1600	000	CONSTR. CIRC CIRC	22 14.75 9.875	4126-4168'
34-T18S-R38E 1950' FNL & 535' FWL	AMOCO WI-6	3637 GL	9/83	4444 IN 4408 GB	INJ GB/SA	14 8.625 5.5	36.71 24.00 15.50	40 1640 4444	4 ΥD 1380 1800	000	CONSTRUCTION CIRC 12.25 CIRC 7.875	2TION 12.25 7.875	4232-4406'
34-T18S-R38E 1980' FNL & 660' FWL	AMOCO 2 /old 29	3642 DF	8/32 8/78 8/82	4180 OIL 4220 GB/ 4256	SA	16 10.75 8.625 5.5 (LINER -	70.00 45.50 36.00 14.00 TOL @ 391	236 2776 3970 4220 9)	100 400 155	124 C 618 C 3919 C 3919 C	CALC CALC CIRC CIRC CIRC	19.75 12.25 9.5 * 7.875 *	3970-4180'
34-T18S-R38E 660' FNL & 660' FWL	AMOCO 1 /old B		8/34 3/48 10/78	3976 OII 4221 GB, 4246	SA	10.75 10.75 7 (LINER	70.00 40.00 24.00 18.00 170L @ 3872	224 1647 3976 4221 2)	90 350 1450 50	130 C 0 C 3872 C	CALC CALC CIRC CIRC CIRC	19.75 12.25 6.25 *	4080-4246'
27-T18S-R38E 650' FSL & 5' FWL	R H KING SANGER #1	3640 *	1/48	4286 DRY	λ	8.625 5.5	32.00 14.00	246 4069	200 C 350	CIRC C. 2790 T	CALC TS	12.25 7.875	PLUGGED
33-T18S-R38E 510' FNL & 660' FEL	CHEVRON GRIMES STATE B 9	3655 KB	10/83	7110 OIL 6817	*	3.375 8.625 5.5	48.00 32.00 17.00	415 4289 7109	500 1740 1220	000	CIRC CIRC CIRC	17.5 12.25 7.875	6638-6642'

.

•

RECEIVED APR 16 1990 HOBBS OFFICE

AOR TABULATION

N.M.O.C.D. ORDER NO. R-6199 FORM C-108, ITEM VI JANUARY 1990

. . .

					U	DETAIL			ų
	ATOR DATE # ELEV. DRILLE		ι ω	GHT /FT	E ~		C DTM	NLI	ETI RVA
27-T18S-R38E 1200' FNL & 470' FWL	SHELL 3641 DF 2/77 SANGER #6 (NHU 27-111W)	4360 INJ. 4218 GB/SA	8.625 5.5	24.00	4222	275 450	2626 CBL	7.875 *	4161-4218'
27-T18S-R38E 2645' FSL & 412' FEL	SHELL 3636 KB 6/36 SANGER #7 (NHU 27-121)	4250 OIL 4250 GB/SA	12.5 9.625 7	50.00 36.00 24.00	270 1705 4108	150 575 275	0 CIRC 0 CALC 3200 CBL	17.5 11.5 * 8.75 *	4180-4250'
27-T18S-R38E 1650' FSL & 412' FWL	SHELL 3638 KB 6/35 SANGER #3 (NHU 27-131)	4252 OIL 4252 GB/SA	12.5 9.625 7	50.00 40.60 29.00	259 1645 4075	150 200 250	0 CIRC 735 CALC 3330 CBL	16.5 11.5 * 8.75 *	4075-4252'
27-T18S-R38E 330' FSL & 287' FWL	SHELL 3644 KB 10/34 SANGER #1 (NHU 27-141)	4257 OIL 4257 GB/SA	12.5 9.625 7	50.00 36.00 24.00 15.50	275 1648 4060 4225	250 363 250	0 CIRC 50 CALC 3225 CALC 3150 CBL	18 31.55 6.25 *	4032-4257'
27-118S-R38E 1350 FSL & 1350' FWL	SHELL 3640 KB 7/37 SANGER #5 (NHU 27-231)	4375 OIL 4375 GB/SA	13 9.625 7	45.00 36.00 34.00	274 1718 4086	150 450 250	0 CIRC 0 CALC 3225 CBL	17.5 12 8.75	4086-4375'
27-T18S-R38E 330 FSL & 1325' FWL	SHELL 3643 DF 2/35 SANGER #2 (NHU 27-241)	4350 OIL 4345 GB/SA	12.5 9.625 7	50.00 44.00 24.00	233 1648 4060	700 350 250	0 CIRC 0 CIRC 3145 CBL	15 11 8.625	4060-4350'
28-T18S-R38E Surface: 151' FNL & 1702' FEL Bottomhole: 69' FNL & 1312' FEL	SHELL 3650 DF 5/85 NHU 33-312	4428 INJ 4381 GB/SA	9.625 7	36.00 20.00	1510 4428	650 975	0 CIRC 0 CIRC	12.25 8.75	4120-4270' (MD)
28-T18S-R38E 2310' FNL & 1120' FEL	SAMEDAN 3648 GL 5/35 MOON B #1 (NHU 28-421)	4262 OIL 4238 GB/SA	12.5	50.00 23.00	235 4020	150 500	0 CIRC 2677 CBL	16 8.75 *	4020-4238'
28-T18S-R38E 2199' FNL & 772' FEL	SHELL 3649 KB 6/81 NHU 28-422W	4510 INJ 4470 GB/SA	8.625 5.5	24.00 14.00	1600 4503	850 1050	0 CIRC 0 CIRC	12.25 * 7.875 *	4239-4270'

2

:

AOR TABULATION

N.M.O.C.D. ORDER NO. R-6199 FORM C-108, ITEM VI JANUARY 1990

.

н	
<	
H	
iш	
Ω	
വ	
ž	
Ē	
S	
Ä	
õ	

LOCATION S-T-R FOOTAGE	OPERATOR WELL # ELEV.	DATE DRILLED	۵.	SIZE	нω	DEPTH (FT)	CEMENT (SACKS)	TOC DTMND (FT) BY	HOLE SIZE	COMPLETION INTERVAL
28-T18S-R38E 1650' FSL & 990' FEL		ar 9/35	4225 OIL GB/SA	10.75 7.625 5.5	40.00 26.40 17.00	225 1640 3993	150 400 400	0 CIRC 0 CIRC 0 CIRC	13.5 * 9.625 * 7.875 *	3993-4225'
28-T18S-R38E 330 FSL & 660' FEL	CONTINENT 3642 GL 1/35 GRIMES #2 (NHU 28-441W)	3L 1/35	4320 INJ 4272 GB/SA	10.75 7.625 5.5 6.5 (LINER	40.00 26.40 17.00 11.30 - TOL @ 38	243 1634 4015 4318 3801)	150 300 300	0 CIRC 185 CALC 1940 TS 3801 CIRC	13.5 9.625 6.25 6.25	4102-4257'
34-T18S-R38E 660 FSL & 1650' FWL	SKELLY 3642 K TURNER #2 (NHU 34-211)	3642 KB 7/34 1)	4276 OIL 4276 GB/SA	12.5 7 5	50.00 24.00	240 4012 4211	175 400 340	0 CALC 1593 CALC 0 CIRC	16 8.75 6.25	4211-4276
34-T18S-R38E GETTY 363 1980' FNL & 1700' FWL TURNER #1 (NHU 34-221)	GETTY 3638 KB TURNER #1 (NHU 34-221)	(B 9/32	4222 OIL 4220 GB/SA	12.5 5 5	50.00 34.00 24.00 18.00	220 2780 3974 4221	200 400 300 340	0 CIRC 0 SQZ 1823 CALC 3120 CBL	16.25 *	4083-4217'
34-T18S-R38E 1022' FNL & 2310' FEL	SHELL TURNER #2 (NHU 34-31	3641 GL 9/35 1)	4254 OIL 4254 GB/SA	12.5 9.625 7	50.00 36.00 24.00	282 1700 4134	150 625 300	0 CIRC 0 CIRC 3210 CBL	16 11.5 * 8.75 *	4134-4254'
34-T18S-R38E 660' FNL & 660' FEL	GULF 3647 K GRIMES B #4 (NHU 33-411)	3647 KB 11/34 4 1)	4256 OIL 4256 GB/SA	13.375 9.625 7 5.5 (LINER	54.50 36.00 24.00 14.00	285 2739 3970 4175 1979)	200 351 40	0 CALC 1723 CALC 3260 CBL 3964 TS	15 12.25 * 8.75 * 6.25	4095-4256
	ABBREVIATIONS									

ABBREVIATIONS

ESTIMATED
 CIRC - ESTIMATED
 CIRC - CIRCULATE
 CBL - CEMENT BOND LOG
 TEMPERATURE SURVEY
 SQZ - SQUEEZED CEMENT TO SURFACE
 TOP OF LINER
 GRAYBURG
 SAN ANDRES
 GROUND LEVEL
 DERICK FLOOR
 KB - KELLY BUSHING
 MD - MEASURED DEPTH

R. H. KING SANGER #1



AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

I. George W. Moore

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period

of_

One weeks. Beginning with the issue dated

January 12, 1990 and ending with the issue dated

<u>January 12, 1990</u> nho Mar Publisher.

Sworn and subscribed to before

day of me this ruas amela

Notary Public.

My Commission expires

July 12 , 19<u>93</u> (Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.



She LEGAL NOTICE January 12, 1990 Notice is hereby given of the application of Shell Western E&P Inc., P.O. Box 576, Houston, TX 77001, to the Oil Conservation Division, New Mexico Energy & Minerals Department, for approval of the following injection wells for the purpose of pressure maintenance and enhanced recovery. Well Nos: 27-221W and

27-241 Lease/Unit Name: North Hobbs. (Grayburg/San Andres) Unit Both locations are in Section 27, T18S, R3BE, Lea County, New Mexico.

County, New Mexico. The NHU 27-241, 330' FSL & 1325' FWL, is a conversion to water injection formation is the San Andres at a depth of approximately, 4060 feet below the surface of the ground... Expected maximum injection pressure is 812 psi. The NHU 27-221W, 2600' FNL & 544' FWL, will be drilled as a water injector. The Injection formation is the San Andres at a depth of approximately 4150 feet below the surface of the ground... Expected maximum injection rate is 2000 barrels of water per day, and expected maximum injection rate is 2000 barrels of water per day, and expected maximum injection rate is 2000 barrels of water per day, and expected maximum injection pressure is 830

psi. Interested parties must file objections or request for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501, within fifteen (15) days.

RECEIVED APR 16 1990 OCD HOBBS OFFICE

ę.