STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

> OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

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

RE:	Proposed:	
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	DHC	
	NSL	
	NSP	
	SWD	
	WFX	
	PMX	

Gentlemen:

I have examined the application for the:

s-36 Operator Lease & Unit No.

i

and my recommendations are as follows:

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Yours very truly

Jerry Sexton Supervisor, District 1

/ed

Phone: (214)717-9796

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: Secondary Recovery Pressure Maintenance X Discosal Storage Application qualifies for administrative approval? Xyes no
- II. Operator: Rand Oil & Gas Inc.

Address: 4950 North O'Conner, Suite 270, Irving, TX 75062

Contact party: David Brooks

- 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? yes X no If yes, give the Division order number authorizing the project
- 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 information submitted with this application is true and correct to the best of my knowledge and belief. Name: Eddie W. Seay Title Agent

_ Title _ Agent Date: March 22, 1995 Signature: /

 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.

- III. WELL DATA
- 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.

- B. 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 a submitted 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; even
- (3) the formation name and depth with expected maximum injection rates and portion 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.

APPLICATION FOR AUTHORIZATION TO INJECT

RAND OIL & GAS INC.

PART III. A

- 1. Rand Oil & Gas Inc. Arco #1 Unit O Sect. 18. T17S, R39E 2271/FEL 793/FSL Lea co., NM
- 8 5/8" 24# casing set at 1588'
 1237 cu. ft. class C cement circulated to surface.

4 1/2" 11.6# casing set at 6000' 251 cu. ft. class C cement calculated TOC 4500'

- 3. Plan to run 2 7/8" plastic lined tubing set at approximately 5600'.
- 4. Plan to run a Baker tension packer and set at approximately 5600'.

PART III. B

- 1. San Andres formation in the South Knowles field.
- 2. The injection interval will be through perforations from 5650'-5975'.
- 3. Well was originally drilled as a San Andres producer.
- 4. None.
- 5. The upper formation is the Queen at 4400' which is nonproductive in this area. The lower formation is the Wolfcamp at 9100'.
- PART V. Attached.
- PART VI. Attached.
- PART VII.
 - 1. The average rate of injection will be approximately 700 bls. with a maximum of 1200 bls. per day.

- 2. The average pressure will be (0) vacuum with a maximum pressure of 800# or not to exceed OCD limit.
- 3. The source of water will be from Rand Oil & Gas production, Devonian formation.
- 4. Water from the San Andres formation ranges in chloride content from 47,000 to 130,000 ppm and the proposed injected water from the Devonian averages 90,000 ppm chloride as per OCD records.

PART VIII.

The injection interval in the San Andres formation in the Knowles field is composed of limestone. The injection interval is cased hole from 5600'-6000'. This entire area is overlain by Quaternary Alluvium and caliche. The fresh water in the area comes from the Ogallalla aquifer. There are no fresh water zones below the San Andres formation.

PART IX.

No major stimulation is proposed, only acid as needed.

- PART X. Previously Submitted.
- PART XI. Attached.

PART XII.

All available geologic and engineering data has been examined and no evidence of open fault or any other hydrologic connection between the injection zone and any underground source of drinking water was found.

PART XIII. Attached.

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	Conoma moi conoma moi rousi (51	Horrecton Jok Mino Soumeroi	Eming Bartientini EG Lowrence (S)	2122	H.J. Rosser ersis. Ronald Parmer	Bi Store _ gons
34 Ox 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Al Source S. 16.93 Seren	34 Charlotte S MEDowell(S) wood	SEAC Emmo Section AL PC Second Section Frederic All Dericon Second	36		
	The second secon	Small fre Head KLM is Popular	San Tra	Shirifigad Shirifigad Ni 2012 - Sama Ni 2012 - Sama		



han 2-3 19**95** 

oco roses, office

DATE 3-17-95 OPERATOR Rand Dily Gas WELL NO. LOCATION Sect 18 TI95 R37E Unito San Andres 2271 FEL 743 FSL well approved to be P+H, atlached, 7777 85 casing set at 1588 ' with 500 sx of <u>C</u> cement Hole size 123 " Cement Circulated 42 " casing set at <u>6000</u> ' with <u>175</u> sx of <u>C</u> cement Total Depth 6000 ' Hole size 62 " Top of Cement calculated 4500' using 75. % accuracy.

	State of N Energy, Inerals and Nat				Form C·103 Revised 1·1-89
<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVA 310 Old Santa Fe			WELL API NO. 30-025-3	1846
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New	Mexic	x 87503	5. Indicate Type of	Lease
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 8741	0			6. State Oil & Gas	
	TICES AND REPORTS ON				
( DO NOT USE THIS FORM FOR F DIFFERENT RES		EEPEN O	OR PLUG BACK TO A	7. Lease Name or ARCO	Unit Agreement Name
	OTHER				
2. Name of Operator RAND OIL & GAS,	INC.			8. Well No. 1	
	NG MIDLAND, T	× 79	7 7 1	9. Pool name or W WILDCAT	์ปีdca1
4. Well Location Unit Letter : 2	EA	ST	Line and79	3 Feet From	The SOUTH Line
Section 18	Township 17-S			NMPM LE	A County
	10. Elevation (Show 3650.6 G		DF, RKB, RT, GR, eic.)		
	Appropriate Box to Ind.	icate N		eport, or Other SEQUENT RI	
	PLUG AND ABANDON	x	REMEDIAL WORK		
	CHANGE PLANS		COMMENCE DRILLING		
PULL OR ALTER CASING			CASING TEST AND CE		
OTHER:			OTHER:		
12. Describe Proposed or Completed Op work) SEE RULE 1103.	erations (Clearly state all pertinent o	details, a	nd give pertinent dates, incl	uding estimated date of	of starting any proposed
3. Cut $4-1/2$ " cso TAG PLUG.	)0'. If set w/WL g @ ±5000'. Set	100'	plug (50' i	n & 50'ab	ove stub.
<ol> <li>Set 25 sx or</li> <li>Set 100' plug</li> <li>Set 10 sx plug</li> <li>Set Dryhole Ma</li> </ol>	•	abc	NMCCD requir ove 8-5/8" cs	cs plug pc g seat. <u>T</u>	r 2000' O.H. <u>AG PLUG</u> .
			YUE COMMETEROUS BERESE VERSE (PO EDECTO (COMETERO) EDECTO (COMETERO)	「科学」が全部計算 10月2日になった。 19月2日に、社会	NE OF
PROCEDURE PER PAUL	L KAUTZ 7-6-94		••••		
I hereby certify that the information above is t	nue and complete to the best of my knowled	ige and bel	icf.		
SKONATURE		тп	LE AGENT		DATE 7 - 6 - 9 4
TYPE OR PRINT NAME	O. H. ROUTH			TELEPHONE NO.	915-687-0323
(This space for State Use)				BY JERRY SEXT	on JUL <b>11</b> 1994
		m	LE	رور و همرود . م	

OPERATOR THE ANSCHUTZ COMPORATION - Rand Of G WELL NO LOCATION 0ATE 3-17-95 4*a*co Sec 18 - T175 - R39E VAIT K 1980' FSL MO 1980' FWL Producing From Devonian <u>/3%</u> " casing set at <u>490</u> ' with <u>500</u> sx of _____ CE Total Depth _____ Hole size ____ Circulated * 5 -> <u>858</u> " casing set at <u>4903</u> ' with <u>1950</u> sx of _____ cem: Hole size 12/4 " Circulator Coment casing pulled from 5000 ₿₃ perf 12062 - 12080 2 sevonim perf 12130 - 12170 5 ≠ 2 <u>S/2</u> " casing set at <u>/2/83</u> ' with <u>200</u> sx of _____ cem Total Depth /22/0 | Hole size _ 7 /8 " OH 12183-12210

Submit 3 Copies to Appropriate Energy, Minerals and Natural Resources	Form C-103 Department Revised 1-1-89
District Office DISTRICT 1 OIL CONSERVATION DI	VISION WELL API NO.
P.O. Box 1980, Hobbs, NM 88240 310 Old Santa Fe Trail, Room	206 30-025-31348
DISTRICT II Santa Fe, New Mexico 875 P.O. Drawer DD, Artesia, NM 88210	03 5. Indicate Type of Lease STATE FEE
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410	6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS ( DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLU- DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	GBACK TO A 7. Lease Name or Unit Agreement Name
1. Type of Well: OIL II OAS	ANGCUUME ADGO
WELL     X     WELL     OTHER       2.     Name of Operator	ANSCHUTZ-ARCO
RAND OIL & GAS COMPANY	
3. Address of Operator	9. Pool name or Wildcat
1110 N. BIG SPRING, MIDLAND, TX 79701	KNOWLES DEVONIAN
Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>SOUTH</u>	Line and 1980 Feet From The West Line
18 175	205 153
Section Township Trownship Range	NMPM County
3662.0 GR	
11. Check Appropriate Box to Indicate Nature NOTICE OF INTENTION TO:	of Notice, Report, or Other Data SUBSEQUENT REPORT OF:
	DIAL WORK ALTERING CASING
PULL OR ALTER CASING CASIN	IG TEST AND CEMENT JOB
OTHER: OTHE	R:
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give work) SEE RULE 1103.	pertinent dates, including estimated date of starting any proposed
7/9/94 - MIRU PLUG #1 - 5 1/2 CIBP 12,100' W/ IN WELLBORE. RDMO 7/	
7/11/94 - MIRU PLUG #2 - 7/18/94 - 5 1/2 CIBF PLUG #3 - 25 SX INSIDE 5 1/2 @ PLUG #4 - 75 SX 5050' (8 5/8 S PLUG #5 - 40 SX 2340 INSIDE 8	@ 9280' W/25 SX CEMENT ON TOP. 7000'. HOE 4903' 5 1/2 STUB 5000') TAG 4809
PLUG #6 - 10 SX SURFACE PLUGGED TO ABANDON 7/22/94.	
9.5 MUD BETWEEN ALL PLUGS	
I hereby certify that the information above is take and complete to the best of my knowledge and belief.	ERATIONS MANAGER DATE7/22/94
TYPE OR PRINT NAME WL HOLMES	TELEPHONE NO. 915-687-0323
(This space for State Use)	
· · · ·	
APPROVED BY TITLE	DATE

DERATOR JAKE HAMON	w J C	hease		OATE	3-17-95
LEASE D.F. Willhoit		WELL NO	LOCATION SEC. 18- TIT.	J- K 39E	unit m
	P- اه sx ال		660'FSL + 9-1-78		
	40 SX plue 1 <u>3%</u> " casing set otal Depth 40 SX plug	' at <u>3</u> ' Ho	$\frac{32c}{1}$ with $\frac{3}{1}$ with $\frac{3}{2}$	<u>40</u> sx o " Cem	f CE ent circ
Hi S/	70 SX plug <u>9%</u> casing ole size $\frac{2^{1/4}}{2^{11}}$ $2^{11}$ csg cut + 35 SX plug ( 35 SX plug (	set at _ _ Co pulled @ 53,	<u>5000</u> ' with ement circ @ 5382' 17-5377	<u> 2800</u> sx (	of cem:
S	216P @ 11950' <u>5%</u> " casing set Dtal Depth <u>1420</u>	at 12	227' with «	<u>vo</u> sxo 700	f сел Бу Воно (1 Д 10030'

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6-10-91	Amerada 12-30-90	Q2:2-3	5-21 84		3.7.91				
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	G. A. Awraw	TXO	Amerada	() I Mamon 6	Onevron	WK Erer 1			<u> </u>
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	<u>†</u>	<u>†                                    </u>	1		1		(Antenut	Anermote	+
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123 18 Macor	27- 07 - 12-95 Not 5-16-94, 3-12-95 H.C. Doss M.I.	1.		2. 10'N			• • * -	Gartrada Erra	1,
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unel Gomme	15.35 MM	G.Houser, etc.	R.E. Erickson, etal	Alon Jochims	en,etal,M.I.		divided	1	
V J Callandy.		Empedienrenc	G.E. Pistole	Nelter	K,Lawrence		divided Y Lowrence	CL Buers Ha N H Rheades	
					_•			_A	

Location of fresh water samples

*3

# FIVED

e e 29 1.55 Sues Crrice



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

#### CHLORIDE ANALYSIS OF WATER

#3

Company : City, St.: Proj.Name: Location :	Rand Oil & Gas 601 W. Illinois, Hobbs, NM 88240 Rand SWD Application Sect. 18 Tl7 R39E	Date: Lab <b>#</b> :	3/16/95 H1990
LUCALIUN .	Becc. 10 11/ KJ/B		

Sample 1 : Water Well at House

<u>PARAMETER</u>	<u>RESULT 1</u>
------------------	-----------------

Chloride	44	

Michael R. Fowler

3/16/95

Date

# LALLIBURTON SERVICES

Sample Number_ 344 To WJC Inc. *Milligrams per liter submitted by Mike Pierce _____ Date Received 10-23-92 Well No. See Below ____ Depth_____ Formation_____ County Lea ___Field source See Belou X #2 Faucet Fauce Resistivity..... Specific Gr..... pH....___ Calcium*..... Ca Magnesium*.... Ma chlorides*......75 mp 75 m C1 Sulfates*.... S0, Bicarbonates*.... HCO, Soluble Iron*.... Fe ¥ Outside Ranch House

						ուն է հաղաքը ան արդյու							
		1.00				HLORIDE	CONDUCT	TEMP			BASIN		REFI
		LOCA			COL! TED	mg/L	M-MHOS	16			FILE		F.
· · !-				444122	10/20/79	64	831		TOC	L			
	175	38E	21	444122	9/28/84	138	1631	57F	TDC	L			
5													
5	175	38E	24	23211	10/02/79	120	954	67F	TOG	L	00833		
17	175	38E	24	23211	7/23/85	180	1317	65F	TOG		00833		• •
в										-			
9	175	38E	27	311132	7/23/85	80	879		TOG	1	01310		
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1912													
	1/5	38F	31	31111	7/23/85	62	718		TOG	L	00672		
22				311111	09/08/65	40	620	67F	TOG	L	00672		
23				311111	05/05/78	43	645	65F	TOG		00672		
12.5	175	<u>38E</u>	31	311111	10/03/79	40	678	67F	TDG	L	00672		
2.5													
125				331333	10/03/79	58	653	66F	TOC	L	00672	S	LO
125 27	175	38E	31	331333	7/23/85	79	1117		TOG		00672		LO
28													
29	175	38E	33	14223	6/06/78	41	615	66F	TOG	Ł	07884		
130	175	38E	33	14223	9/28/84	37	608		TOG	-	07884		
.2.1				N=						Bro	07004		
: 2	179	39E	18	33242	10/02/79	74	777	66F	TOG	1	03049		
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34					<u> </u>						0-2047		
35	175	39F	30	33222	09/19/79	152	1103		TOC	,	00001		
36				33222	9/18/84	158					00836		
37	.,.	UIE	50	JUGEE	7/10/04	770	1217		TOG	<u>L</u>	00836		
3.8	100	gor	10	34310	00/14/40	-			78 F				
-39				34310	08/14/69	2030	6100	/	TRC				
40					10/20/76	2024	8730	67F	TRC				
				34310	8/28/80	2035			TRC	СР			
				34310	9/30/81	2016	8767		TRC	08			
	185	29E	10	34310	3/28/85	2030	8694	<u>68</u> F	TRC	CP			
				23313	08/14/69	50	1210		TRS	CP	00582		
¥ 5				23313	10/20/76	32	1510	67F	TRS	CP			
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5.2						<u></u>	<u>~ • • × × ×</u>					4	

State ENgineers

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#### AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

I, Kathi Bearden

General Manager

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

1 weeks. Beginning with the issue dated

March 21, 19 95 and ending with the issue dated

, 19 95 March 21 General Manager

Sword and subscribed to before

me this_ 32 ind dav of

1992 Daulin Notary Rublic.

My Commission expires March 24, 1998 (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.

LEGAL NOTICE March 21, 1995 Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division, Santa Fe, NM, notice is hereby given that Rand Oil & Gas Inc. is filing an application to convert their Arco #1 Unit O, 2271/ FEL 793/FSL Sect. 18 Tws. 17 S., Range 39 E., Lea Co., NM from a shut-in producer to a sait water disposal well. The scurce of injection will be produced water, injecting approximately 1200 bis. per day at #800 pressure into the San Andres formation at a depth of 5650' - 5975'. If any further information is needed, please contact Eddie Seay, 601 W. Illinois, Hobbs, NM, (505) 392-2236.

Any questions or objections must be filed with the Oil Conservation Division, 2040 S. Pachecc, Santa Fe, NM 87505, within 15 days.

### LEGAL NOTICE

Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division, Santa Fe, NM, notice is hereby given that Rand Oil & Gas Inc. is filing an application to convert their Arco #1 Unit O, 2271/FEL 793/FSL Sect. 18 Tws. 17 S., Range 39 E., Lea Co., NM. from a shut-in producer to a salt water disposal well. The source of injection will be produced water, injecting approximately 1200 bls. per day at #800 pressure into the San Andres formation at a depth of 5650'-5975'. If any further information is needed, please contact Eddie Seay, 601 W. Illinois, Hobbs, NM, (505)392-2236.

Any questions or objections must be filed with the Oil Conservation Division, 2040 S. Pacheco, Santa Fe, NM 87505, within 15 days. March 17, 1995

WJC Inc. P.O. Box 7 Post. TX 79356

Dear Sir:

Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division, Santa Fe, NM, notice is hereby given that Rand Oil & Gas Inc. is filing an application to convert their Arco #1 Unit O, 2271/FEL 793/FSL Sect. 18 Tws. 17 S., Range 39 E., Lea Co., NM, from a shut-in producer to a salt water disposal well. The source of injection will be produced water, injecting approximately 1200 bls. per day at #800 pressure into the San Andres formation at a depth of 5650'-5975'. If any further information is needed, please contact Eddie Seay. 601 W. Illinois, Hobbs, NM, (505)392-2236.

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Sincerely,

Eddin W. Jean

Eddie W. Seay, Agent

March 17. 1995

Rand Oil & Gas Inc. 4950 North O'Conner Suite 270 Irving, TX 75062

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Eddin in Sam

Eddie W. Seay, Agent

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0000032     UNERSTOCK     3320     9960       75244-0000     T5244-0000     WHEREKENTION     3320     9960       75244-0000     FWILF EXEMPTION     3320     9960       MANDOR CODE **     CODE     VALUE EXEMPTION     TYPE     3320       -U00-001-320-001     110NON-RES LOTS     N/R     ANF     TAABLE       RT OF #35283*     81 OF #35283*     N/R     ANF     TAABLE	010 010 1.7V-011	LAND PERSONAL MOBILE HOME		3320	9960	3320
75244-0000       VETERAN EXEMPTION FAMILY EXEMPTION		LIVESTOCK IMPROVEMENTS TOTAL VALUE				
NANDORCODE < 100	75244-0000	VETERAN EXEMPTION FAMILY EXEMPTION		3320	9960	3320
-U00-000-320-001 110/UN-RES LOTS N/R AAE	50 	TAXAB		3320		3320
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	STATE	OF NEW	MEXICO
ENERGY	AND MI	NERALS	DEPARTHENT

Ι.	Purpose: 🔲 Secondary Recovery 🗌 Pressure Maintenance 🔲 Dicensal 🔲 Storage			
	Application qualifies for administrative approval?			
II.	Operator:			
	Address:			
	Contact party: Phone:			
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?  yes no If yes, give the Division order number authorizing the project			
۷.	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:			
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and</li> <li>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.).</li> </ol>			
*VIII.	Attach appropriate geological data on the injection zone including appropriate lithologi 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 procosed 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 avai¦able 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 information submitted with this application is true and correct to the best of my knowledge and belief.			
	Name:itle			

Signature: ____

___ 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.