CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: PERMIAN RESOURCES, INC. Well: SFPRR WELL NO. 21

Contact: ROBERT MARSHALL Title: V.P. Phone: 915-685-0113

DATE IN 2-9-95 RELEASE DATE 2-23-95 DATE OUT 3-6-95

Proposed Injection Application is for: WATERFLOOD X Expansion ___ Initial

Original Order: R- 8015 SWD ___ Secondary Recovery ___ Pressure Maintenance

SENSITIVE AREAS X SALT WATER DISPOSAL

___WIPP ___ Capitan Reef ___ Commercial Operation

Data is complete for proposed well(s)? YES Additional Data ___

AREA of REVIEW WELLS

1 Total # of AOR 1 # of Plugged Wells

YES Tabulation Complete * NO Schematics of P & A's

YES Cement Tops Adequate ___ AOR Repair Required

INJECTION INFORMATION

Injection Formation(s) SAN ANDRES 4981'-5012'

Source of Water AREA PRODUCERS Compatible YES

PROOF OF NOTICE

___ Copy of Legal Notice ___ Information Printed Correctly

___ Correct Operators ___ Copies of Certified Mail Receipts

___ Objection Received ___ Set to Hearing _____ Date

NOTES: IS IN AOR OF PREVIOUSLY APPROVED SWD.

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL YES

COMMUNICATION WITH CONTACT PERSON:

1st Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

2nd Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

3rd Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

2·23·95

'95 FEB 9 580

PERMIAN RESOURCES INCORPORATED

January 26, 1995

Oil Conservation Division
State of New Mexico
Energy and Mineral Department
P.O. Box 2088
State Land Office Building
Santa Fe, NM 87501

RE: Application for Authorization to Inject
Permian Resources, Inc. #21 SFPRR
West Sawyer Field
Section 27, T-9-S, R-37-E(O)
660' FSL, 1980' FEL
Lea County, New Mexico

Ladies and Gentlemen:

Enclosed please find the enclosed documents for the above-captioned lease to satisfy our Application for Authorization to Inject:

* Form C-108
* Well Data Form with Proposed Well Schematic(Attachment III)
* Map Identifying All Wells and Leases Within Area of Review(Attachment V)
* Tabulation of Well Data Within Area of Review(Attachment VI)
* Attach Data of Proposed Operation(Attachment VII)
* Geological Data of Injection Zone
* Proposed Stimulation Program
* Logging Data on Well(SNP log enclosed)
* Chemical Analysis of Fresh Water(Attachment XI)
* Statement of Examination of Geologic and Engineering Data(Attachment (XII)
* Proof of Notice to Newspaper(Attachement XIII)
* Proof of Notice Sent to Landowner(Mr. Michael Harton-Attatchment XIII)
* Sundry Notice Sent to BLM(Attachment)

If any more data is needed please free to contact me at the address or phone number below. Your help in this matter is greatly appreciated.

Sincerely,

Robert Marshall

P. O. DRAWER 590 • MIDLAND, TEXAS 79702 • (915) 685-0113

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SFPRR #21

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. Operator: Permian Resources, Inc., dba Permian Partners, Inc.

Address: P. O. Box 590 Midland, TX 79702

Contact party: Robert H. Marshall Phone: 915/685-0113

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 R-8015.

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: Robert H. Marshall Title Vice President

Signature: Robert H. Marshall Date: January 17, 1995

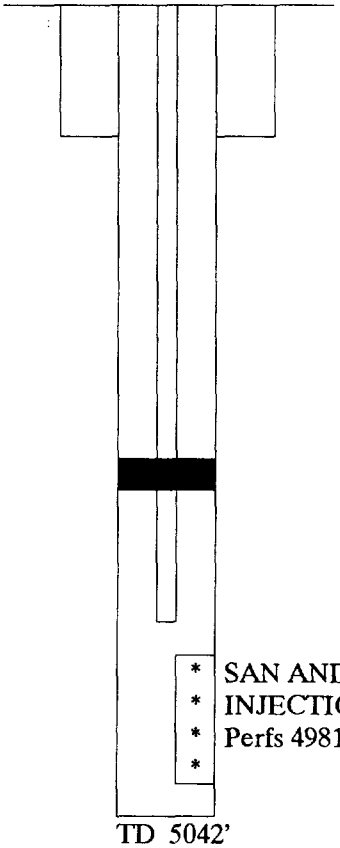
* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division

III. WEll DATA FORM

Section A.

WELL NAME: Permian Resources, Inc., #21 SFPRR
FIELD NAME: West Sawyer(San Andres) Field
LOCATION: Sec. 27, T-9-S, R-27-E
FOOTAGE: 660' FSL, 1980' FEL, Unit "O"
COUNTY: Lea County, New Mexico



12 3/4" hole
8 5/8"(J-55, 24#)
@ 426' with 250 sacks
TOC: Circulated

DV Tool @2390'
700 sacks
TOC: Circulated

Baker Model "D" packer
@ 4900'

2 3/8" Internally plastic
coated tubing set @ 4930'

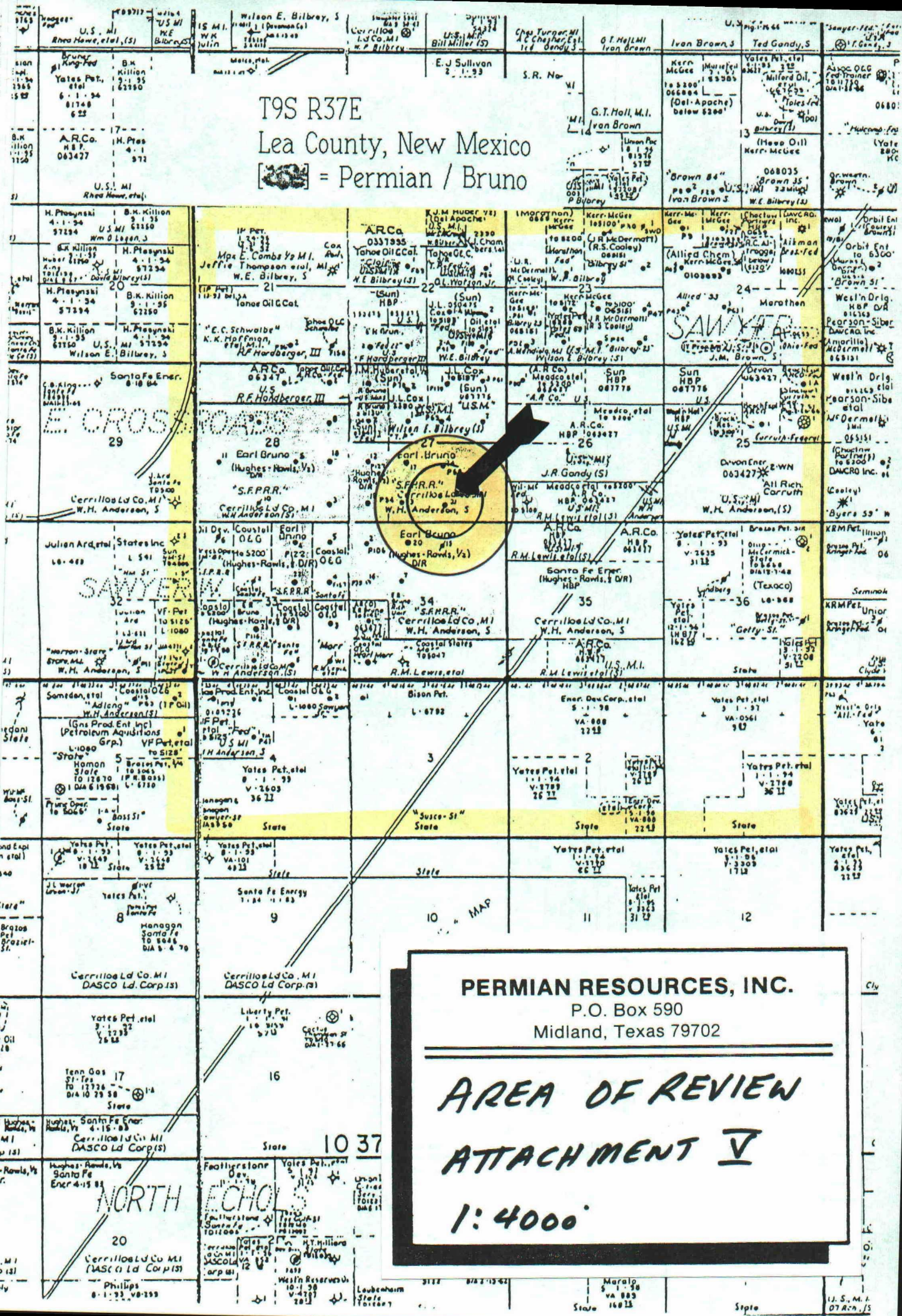
7 7/8" hole
4 1/2"(K-55, 10.5#)
@ 5042' with 250 sacks
TOC: 3748'(est)

Section B.

1. Injection interval: San Andres; West Sawyer Field
2. Injection interval is perforated.
3. Well was originally drilled for oil production.
4. No other perforated zones
5. No other higher or lower oil or gas zones in the area.

IV. PROOF OF NOTICE

1. Proof that landowner was notified(Michael Harton).
2. Proof of publication(Hobbs newspaper).


T9S R37E
Lea County, New Mexico
[ ] = Permian / Bruno
PERMIAN RESOURCES, INC.
P.O. Box 590
Midland, Texas 79702
AREA OF REVIEW
ATTACHMENT V
1:4000'
SAWYER
NORTH ECHO
MAP

Application for Authorization to Inject
Permian Resources, Inc.
SFPRR #21

VI

VI. TABULATION OF WELL DATA WITHIN AREA OF REVIEW.

Well #11

1980 FSL, 860 FWL, Section 27, T-9-S, R-37-E(M)
TD 5025'
Completed 11/70, IP 21 BOPD
Perfs 4928-4998
Current Status: Producer
8 5/8" @ 404 with 325 sacks
4 1/2" @ 5025' with 250 sacks

Well #13

1780' FWL, 660' FSL, Section 27, T-9-S, R-37-E(N)
TD 5032'
Completed 12/71, IP 94 BOPD
Perfs 4974-5000(San Andres)
Current Status: Producer
8 5/8" @ 400' with 300 sacks
4 1/2" @ 5000' with 250 sacks

Well #14

1839' FSL, 2121' FEL, Section 28, T-9S-,R-37-E(J)
TD 5125'
Completed 4/72, IP 68 BOPD
Perfs 4976-5000(San Andres)
Current Status: Producer
8 5/8" @ 407' with 325 sacks
4 1/2" @ 5125 with 275 sacks

Well #15(Current SWD Serving the Lease)

1780' FWL, 660' FSL, Section 27, T-9-S, R-27-E(N)
TD 5100
Completed 12/71, IP 20 BOPD
Perfs 4985-5020'(San Andres)
Current Status: Salt Water Disposal Well
8 5/8" @ 420' with 325 sacks
4 1/2" @ 5099' with 275 sacks

TABULATION OF WELL DATA WITHIN AREA OF REVIEW.(cont.)

Well #17

1980' FWL, 1980' FSL, Section 27, T-9-S, R-27-E(K)
TD 5100
Completed 1/77, IP 50 BOPD
Perfs 4963-5023
Current Status: Producer
8 5/8" @ 420' with 300 sacks
4 1/2" @ 5033 with 1010 sacks

Well #20

1980' FWL, 660' FNL, Section 34, T-9-S, R-27-E(C)
TD 5023
Completed 12/76, IP 86 BOPD
Perfs 4978-5009
Current Status: Producer
8 5/8" @ 421 with 300 sacks
4 1/2" @ 5023 with 950 sacks

Wil Mac #1-26 Federal

660' FSL, 660' FWL, Section 26, T-9-S, R-27-E(M)
TD 5110'
Perfed 5020-40
Plugged and Abandoned 3/71
8 5/8" @ 400 with 225 sacks
4 1/2" @ 5110 with 150 sacks

VII

VII. ATTACH DATA ON THE PROPOSED OPERATION

1. Proposed average and maximum daily rate of fluids: 500 avg; 1200 maximum.
2. Type of System: Closed
3. Proposed average and maximum injection pressure: 600 psi avg; 1000 psi maximum
4. Sources of injection fluid: Produced San Andres Water.
5. Not applicable.

VIII. GEOLOGICAL DATA ON INJECTION ZONE

Lithologic detail: San Andres dolomite, 1500' $\pm$ thick, 4700' depth.
Drinking water sources: No water sources with less than 10,000 mg/l

IX. PROPOSED STIMULATION PROGRAM

None anticipated but if needed up to 2,500 gallons HCl.

X. LOGGING AND TEST DATA ON WELL

Enclosed

XI. CHEMICAL ANALYSIS OF FRESH WATER.

Windmill located 3/4 mile north of proposed project; analysis attached

(WATER ANALYSIS - WINDMILL ¾ MILE NORTH PROJ)

Permian Treating Chemicals

XI

WATER ANALYSIS REPORT

SAMPLE

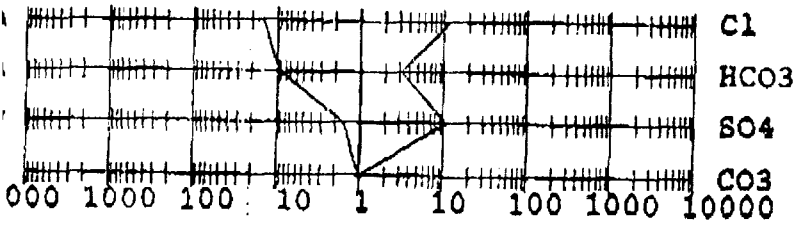
il Co. : Permian Resources
Lease : Sawyer
ell No.: Fresh Water
nalysis:

Sample Loc. :
Date Sampled : 23-January-1995
Attention :

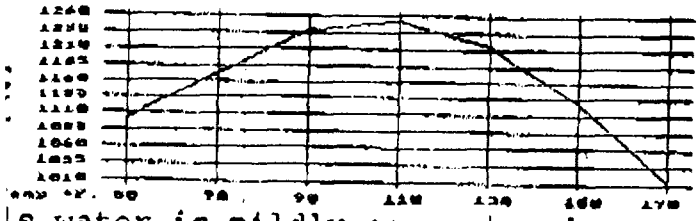
ANALYSIS

1.	pH		7.100		
2.	Specific Gravity 60/60 F.		1.006		
3.	$CaCO_3$ Saturation Index	@ 80 F.	-0.013		
		@ 140 F.	+0.687		
	Dissolved Gasses		**MG/L**	**EQ. WT.**	***MEQ/L**
4.	Hydrogen Sulfide		Not Present		
5.	Carbon Dioxide		Not Determined		
6.	Dissolved Oxygen		Not Determined		
	Cations				
7.	Calcium	(Ca^{++})	180	/ 20.1 =	8.96
8.	Magnesium	(Mg^{++})	18	/ 12.2 =	1.48
9.	Sodium	(Na^{+}) (Calculated)	328	/ 23.0 =	14.26
10.	Barium	(Ba^{++})	Not Determined		
	Anions				
11.	Hydroxyl	(OH^{-})	0	/ 17.0 =	0.00
12.	Carbonate	(CO_3^{--})	0	/ 30.0 =	0.00
13.	Bicarbonate	(HCO_3^{-})	185	/ 61.1 =	3.03
14.	Sulfate	(SO_4^{--})	500	/ 48.8 =	10.25
15.	Chloride	(Cl^{-})	400	/ 35.5 =	11.27
16.	Total Dissolved Solids		1,611		
17.	Total Iron (Fe)		2	/ 18.2 =	0.11
18.	Total Hardness As $CaCO_3$		525		
19.	Resistivity @ 75 F. (Calculated)		4.476 /cm.		

LOGARITHMIC WATER PATTERN
*meq/L.



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	EQ. WT. X	*meq/L =	mg/L.
$Ca(HCO_3)_2$	81.04	3.03	245
$CaSO_4$	68.07	5.93	403
$CaCl_2$	55.50	0.00	0
$Mg(HCO_3)_2$	73.17	0.00	0
$MgSO_4$	60.19	1.48	89
$MgCL_2$	47.62	0.00	0
$NaHCO_3$	84.00	0.00	0
$NaSO_4$	71.03	2.84	202
NaCl	58.46	11.27	659

*Milli Equivalents per Liter

ls water is mildly corrosive due to the pH observed on analysis.
corrosivity is increased by the content of mineral salts in solution.

ATTACH VII

PERMIAN RESOURCES INCORPORATED

January 26, 1995

Oil Conservation Division
State of New Mexico
Energy and Mineral Department
P.O. Box 2088
State Land Office Building
Santa Fe, NM 87501

RE: Application for Authorization to Inject
Permian Resources, Inc. #21 SFPRR
West Sawyer Field
Section 27, T-9-S, R-27-E(O)
660' FSL, 1980' FEL
Lea County, New Mexico

Ladies and Gentlemen:

I have examined all geologic and engineering data available for the above-captioned field and find no evidence of open faults and other hydrologic connection between the disposal zone and any underground drinking water sources.

Sincerely,

Robert Marshall
Certified Petroleum Geologist #2528

ATTACH XIII

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

one weeks.

Beginning with the issue dated

January 18, 1995

and ending with the issue dated

January 18, 1995

Kathi Bearden
General Manager

Sworn and subscribed to before me this 19 day of January, 1995

Charlene Perrin
Notary Public.

My Commission expires
March 15, 1997
(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
January 18, 1995

Permian Resources, Inc., PO Box 590, Midland, Texas, 79702, is applying to convert its SFPRR No. 21 well to salt water disposal in to the San Andres formation at a depth of approximately 5,000 feet. SFPRR No. 21 is in the West Sawyer (San Andres) Field, located in Unit O, Section 27, T-9S, R-37E, NMPM, Lea County, New Mexico. The expected maximum injection rate is 1,000 barrels per day at a maximum pressure of 1000 psi. Interested parties must file objections or requests for hearing with the Oil Conservation Division, PO Box 2088, Santa Fe, NM 87501 within 15 days.

X111

PERMIAN RESOURCES INCORPORATED

Certified Mail No: P 205 141 447

January 16, 1995

Mr. Michael Harton
P.O. Box 415
Tatum, NM 88267

RE: Application for Expansion of Salt Water Disposal
West Sawyer Field
Lea County, New Mexico

Dear Mr. Harton,

This is to notify you that Permian Resources, Inc., plans to expand its current water disposal status in the Sawyer East Field. Permian plans to begin injecting water into the San Andres of well #21, located in section 27, T-9-South, R-37-East.

If you have any questions please feel free to call.

Sincerely,

Robert Marshall

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mr. Michael Harton
P. O. Box 415
Tatum, NM 88267

4a. Article Number
P 205 141 447

4b. Service Type
☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
1-19-95

5. Signature (Addressee)
Sandy Bernardes

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, November 1990 ☆U.S. GPO: 1991—287-066 DOMESTIC RETURN RECEIPT

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other N

2. Name of Operator
PERMIAN RESOURCES, INC DBA PERMIAN PARTNERS.

3. Address and Telephone No.
P.O. Box 590 MIDLAND, TX 79702 915-685-0113

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SECTION 27, T-9-S, R-27-E
660'FSL, 1980'FEL (O)

5. Lease Designation and Serial No.
—

6. If Indian, Allottee or Tribe Name
—

7. If Unit or C.A. Agreement Designation
—

8. Well Name and No
SFPRR #22

9. API Well No.
—

10. Field and Pool, or Exploratory Area
WEST SAWYER

11. County or Parish, State
LEA CO., NEW MEXICO

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RE-COMPLETION OF SFPRR #21 WELL FROM SAN ANDRES PRODUCING WELL TO DISPOSAL WELL. NOTIFICATION SENT TO BLM (OFFSET ACREAGE.)

14. I hereby certify that the foregoing is true and correct
Signed _____ Title VICE PRESIDENT Date 1/26/95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

TOTAL P.02

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or wil be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4—If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

(1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.

(2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).

(3) Analyze future applications to drill or modify operations in light of data obtained and methods used.

(4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3150.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

Schlumberger

SIDEWALL NEUTRON POROSITY LOG

COMPANY OIL DEVELOPMENT COMPANY OF TEXAS

WELL SANTA FE PACIFIC R.R. #21

FIELD WEST SAWYER

COUNTY LEA STATE NEW MEXICO

LOCATION 660'FSL & 1980'FEL

Other Services: DLL-Rxo

API SERIAL NO.	SEC.	TWP	RANGE
	27	9S	37E

Permanent Datum: E.L. ; Elev.: 3965

Log Measured From K.B. 11 Ft. Above Perm. Datum

Drilling Measured From K.B.

Elev.: K.B. 3976
D.F. —
G.L. 3965

Date	11-26-76			
Run No.	one			
Depth—Driller	5043			
Depth—Logger (Schl.)	5029			
Btm. Log Interval	5028			
Top Log Interval	Surf			
Casing—Driller	8 5/8" @ 425	@	@	@
Casing—Logger	426			
Bit Size	7 7/8"			
Type Fluid in Hole	Salt Mud			
Dens. / Visc.	10.4 / 38			
pH / Fluid Loss	15 / 15 ml	ml	ml	ml
Source of Sample	Pit			
Rm @ Meas. Temp.	.064 @ 65 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.053 @ 65 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	.08 @ 65 °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	M / C			
Rm @ BHT	.039 @ 104 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	1000			
TIME Logger on Bottom	1600			
Max. Rec. Temp.	109 °F	°F	°F	°F
Equip. / Location	7645 / Hobbs			
Recorded By	JACKSON			
Witnessed By Mr.	BASEDON			

The well name, location and borehole reference data were furnished by the customer.

FOLD HERE

WS-1455-M