



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

4-11-86

TONY ANAYA
 GOVERNOR

POST OFFICE BOX 1860
 HOBBS, NEW MEXICO 88240
 (505) 393-6161

Acad 364

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

RE: Proposed:

- MC _____
- DHC _____
- NSL _____
- NSP _____
- S.W.D. _____
- WFX _____
- PMX _____

Gentlemen:

I have examined the application for the:

Parabo Inc *Royalty Holding # 4-A* *25-21-37*
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

~~OK JS~~
 Look @ P&A needs

Yours very truly,

Jerry Sexton
 Supervisor, District 1

/mc

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. Operator: Parabo Inc.

Address: Box 1737, Eunice, New Mexico 88231

Contact party: Don McLean Phone: 394-3628

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 _____

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: Don McLean Title Manager

Signature: Don McLean Date: 2-5-86

* 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:

- (1) 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 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.

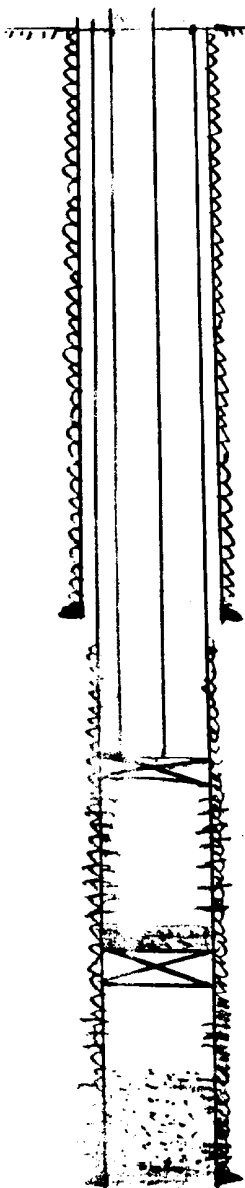
NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed them.

RECEIVED
APR 10 1986
C. J. HOBBS
HOBS'S OFFICE

INJECTION WELL DATA SHEET

Paraho Inc. Royalty Holding
 OPERATOR LEASE
 4 660 FNL 660 FEL 25 21-S 37-E
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Tabular Data

Surface casing

Size 9 5/8 " Cemented with 530 sx.
 TOC Surface feet determined by Circulated
 Hole size 12 1/4

Intermediate casing

9 5/8 csg. set at 866'
 cemented w/530 sx circ.

Size _____ " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole size _____

Long string

Size 7 " Cemented with 650 sx.
 TOC 1599' feet determined by calculation
 Hole size 8 3/4

TOC 1599' cal.

Total depth 7524'

Injection interval

Baker AD-1 set at 4000' 4300 feet to 4950 feet
 on 2 7/8 tubing (perforated or open-hole, indicate which)

perfs interval 4300-4950'
 cast iron bridge plug set at 5770'
 with 20' cement plug
 Perfs 5970-6217'
 Perfs 6248-6479' sq w/ 275 sx
 6708-7098' sq w/ 200 sx
 7359-7494' sq w/ 150 sx

tubing size 2 7/8 lined with PVC or Plastic set in a
 (material)
Baker AD-1 packer at 4000 feet
 (brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres

2. Name of Field or Pool (if applicable) Undesignated

3. Is this a new well drilled for injection? Yes No

If no, for what purpose was the well originally drilled? Oil well

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) 7359-7494 sq w/ 150 sx
6708-7098 sq. 200 sx 6248-6479 sq. w. 275 sx Perfs 5970-6217

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Blinbry 5970'

RECEIVED
APR 10 1986
C.S.D.
HOBB'S OFFICE

PARABO, INC.

PHONE 394-2511

P. O. Box 1737

Eunice NEW MEXICO 88231

Daily News-Sun, Hobbs, New Mexico—Fri., April 4, 1986—Page 17

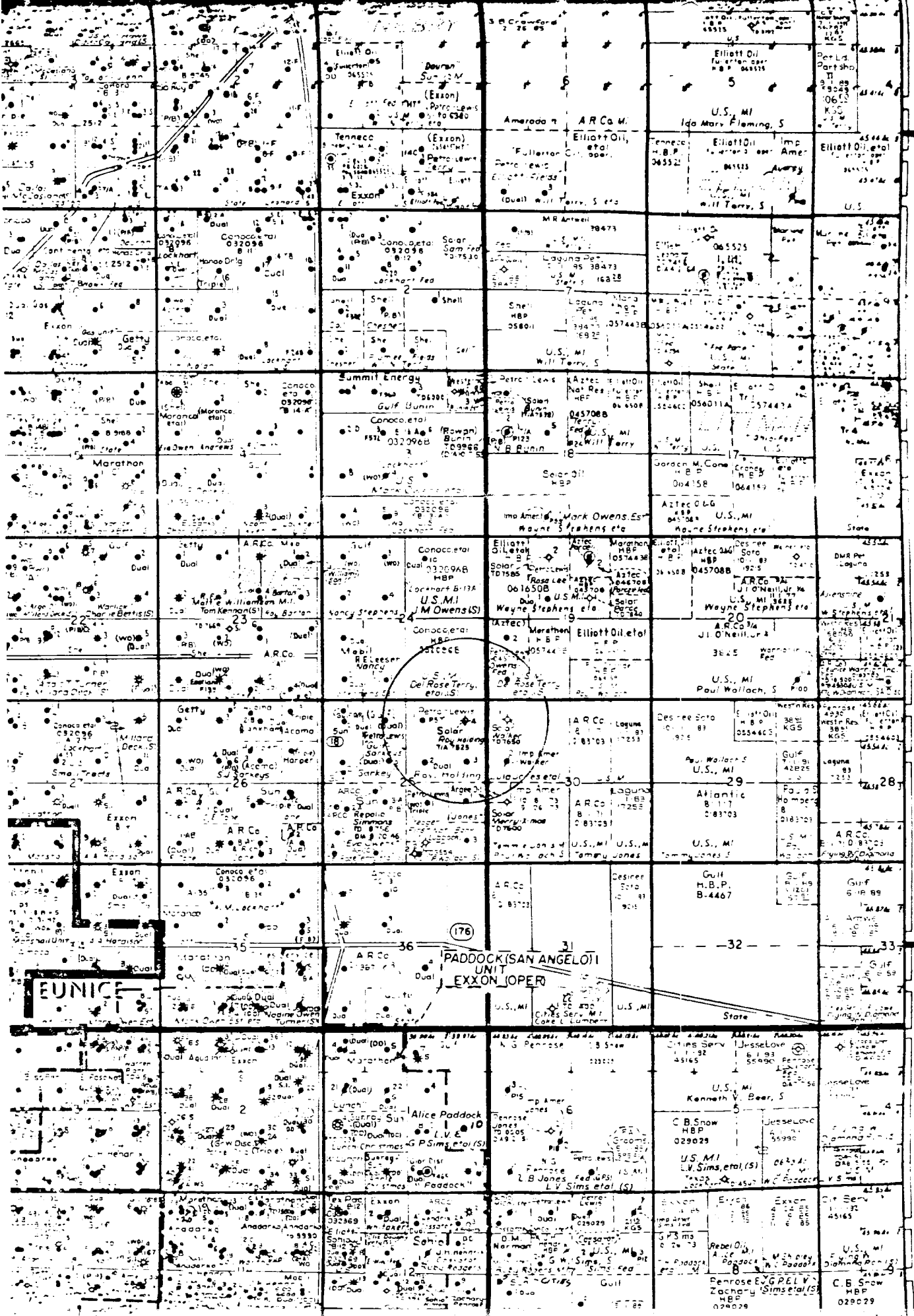
LEGAL NOTICE

April 4, 1986

Parabo Inc. hereby gives public notice that it is applying to the Oil Conservation Division of New Mexico, Santa Fe, for a permit to dispose of produced saltwater by injection into a formation which is not productive of oil and/or gas.

The applicant proposes to inject fluid into Royalty Holding State Lease Well #4, located 660' FNL and 660' FEL of Section 25, T-21-S- R-37-E, Lea County, New Mexico. Fluid will be injected into strata in the subsurface depth interval ranging from 4300' - 4950' at a maximum rate of 3000 barrels of water per day and/or a maximum surface pressure of 1000 psi.

Any objections or requests for hearing by interested parties, who can show they are adversely affected, should be submitted in writing, within fifteen days of publication, to Oil Conservation Division of New Mexico, Energy and Mineral Department, P.O. Drawer 2088, Santa Fe, New Mexico 87501. For further information, contact Parabo Inc. P.O. Box 670, Eunice, New Mexico 88231. (Telephone (505) 394-3628).



32°30'

BLK. A-29

32°25'

A-39

EUNICE

(176)
PADDOCK (SAN ANGELO) UNIT
EXXON OPER

State

State

State

State

KIRBY EXPLORATION

ROYALTY HOLDING #1 oilwell. drilled 11-29-68.
unit letter B - 1980 FEL - 660 FNL of sec. 25, T-21-S, R-37-E.
12 $\frac{1}{4}$ " hole with 9 $\frac{5}{8}$ " csg. set at 910' cemented with 330 sx.
circulated to surface.
9 $\frac{1}{2}$ " hole with 7" csg. set at 7500' cemented with 785 sx.
calculated TOC 3100'.
Perfs. 7046' - 7437' 5829' - 5945

ROYALTY HOLDING #2 oilwell. drilled 2-3-69.
unit letter B - 1980 FEL - 1980 FNL sec. 25, T-21-S, R-36-E
13 $\frac{3}{4}$ " hole 9 $\frac{5}{8}$ " csg. set at 866' cemented with 330 sx.
circulated to surface.
9 $\frac{1}{2}$ " hole 7" csg. set at 7402' cemented with 785 sx.
calculated TOC 2987'.
Perfs. 6088' - 6183' 6964' - 7048' 7082' - 7126'

ROYALTY HOLDING #3 oilwell. drilled 4-24-69.
unit letter H - 1980 FNL - 660 FEL sec. 25, T-21-S, R-37-E
12 $\frac{1}{4}$ " hole 9 $\frac{5}{8}$ " csg. set at 863' cemented with 500 sx.
circulated to surface.
8 $\frac{3}{4}$ " hole 7" csg. set at 7480' cemented with 650 sx.
calculated TOC 2004'.
Perfs. 7187' - 7466' 6926' - 7073' 6643' - 6818'

GULF SARKEYS #1 oilwell. drilled 2-4-57
unit letter F - 1980 FNL - 2030 FWL sec. 25, T-21-S, R-37-E
13 $\frac{1}{2}$ " hole 10 $\frac{3}{4}$ " csg. set at 850' cemented with 325 sx.
circulated to surface.
9 $\frac{5}{8}$ " hole 7 $\frac{5}{8}$ " csg. set at 7400' cemented with 550 sx.
calculated TOC 2096'.
Perfs. 6475' - 6849' 6927' - 7356' 5884' - 6176'

GULF SARKEYS #2 oilwell. drilled 11-4-68
unit letter C 600 FWL - 1980 FNL sec. 25, T-21-S, R-37-E
13 $\frac{1}{2}$ " hole 10 $\frac{3}{4}$ " csg. set 900' cemented with 200 sx.
circulated to surface.
9 $\frac{5}{8}$ " hole 7 $\frac{5}{8}$ " csg. set at 7400' cemented with 900 sx.
calculated TOC 1343'.
Perfs. 5767' - 6190' 7102' - 7315'

ART YEAGER #1 oilwell. drilled 1-17-69.
unit letter J - 1980 FSL - 1980 FEL sec. 25, T-21-S, R-37-E.
13 $\frac{3}{4}$ " hole 9 $\frac{5}{8}$ " csg. set at 841' cemented with 500 sx.
circulated to surface.
8 $\frac{3}{4}$ " hole 7" csg. set at 7556' cemented with 650 sx.
calculated TOC 2080'.
Perfs. 5812' - 6145' 6532' - 7439'

OWEN FED. #1 oilwell. drilled 2-4-69.
unit letter M - 660 FSL - 660 FWL sec. 19, T-21-S, R-38-E
13 3/4" hole 9 5/8" csg. set 250' cemented with 510 sx.
circulated to surface.
8 3/4" hole 7" csg. set at 7500' cemented with 650 sx.
calculated TOC 2024'.
Perfs. 7034' - 7457'

ARGEE OIL

TOMMIE JONES #1 oilwell. drilled 2-22-69.
unit letter I - 660 FEL - 1980 FSL sec. 25, T-21-S, R-37-E
13 3/4" hole 9 5/8" csg. set at 920' cemented with 400 sx.
circulated to surface.
8 3/4" hole 7" csg. set at 7500' cemented with 650 sx.
calculated TOC 2024'.
Perfs. 7177' - 7288' 6273' - 6372'

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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Imperial-American Management Co.	8. Farm or Lease Name Walker
3. Address of Operator 507 Midland Savings Bldg., Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>30</u> TOWNSHIP <u>21-S</u> RANGE <u>38-E</u> NMPM.	10. Field and Pool, or Wildcat Undesignated
15. Elevation (Show whether DF, RT, GR, etc.) 3430.6' GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well has been plugged and abandoned as follows:

1. Perfs 7199-7582' have been squeezed off w/250 sx. Cemented retainer & 3 1/2" tubing in well from 6549-6936', left same in well.

11-9-71 Rigged up Bonanza Casing Pullers. 7" casing parted @ 548'. Pulled and laid down same. Ran 2-3/8" tubing and set plugs as follows:

20 sx cement plug 2650-2750'; 20 sx cement plug 1470-1570;
20 sx cement plug 820-920'; 30 sx cement plug 500-600';
10 sx cement plug 0-20'

Welded plate on casing and set marker.

Location ready for inspection 12-~~31~~-71.

18 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

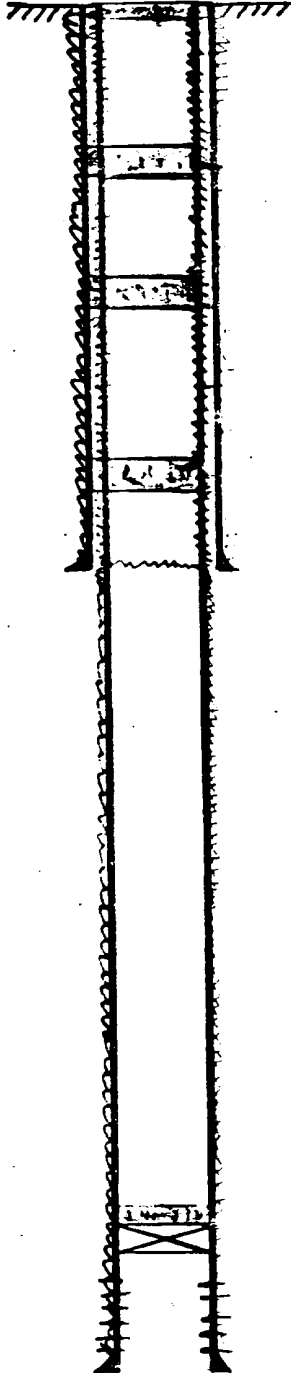
SIGNED *David H. Ramsey* TITLE Agent DATE 12-3-71

APPROVED BY *Nathan E. Clegg* TITLE OIL & GAS INSPECTOR DATE MAR 8 1972

CONDITIONS OF APPROVAL, IF ANY:

OPERATOR Imperian-American Management Co.		DATE
LEASE Walker	WELL No. 2	LOCATION Unit Letter E 1980 FNL 660 FWL Sec. 30

T-21-S R-38-E



10 sx cement plug 0-20'

35 sx cement plug 810-910'

35 sx cement plug 1470-1570'

Calculated TOC 2125'

35 sx cement plug 2650-2750'

7" csg. pulled from 3086'

9 5/8" casing set at 860' with 500 sx of Class C cement
Circulated to surface
Hole size 12 1/4"

cast iron bridge plug set at 6850'
w/ 20 sx cement plug

perfs 7162-7505'

7" casing set at 7600' with 650 sx of class C cement
Total Depth 7600' Hole size 8 3/4"

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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(USE FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Imperial-American Management Co.	8. Farm or Lease Name Walker
3. Address of Operator 507 Midland Savings Bldg., Midland, Texas 79701	9. Well No. 2
4. Location of Well UNIT LETTER <u>E</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>30</u> TOWNSHIP <u>21-S</u> RANGE <u>38-E</u> NMPM.	10. Field and Pool, or Wildcat Wantz Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3417.6 ' GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned as follows:

11-4-71 Rigged up GO-International, set cast iron bridge plug @ 6850' w/20' cement on top.

11-11-71 Rigged up Bonanza Casing Pullers. Loaded hole with mud. Shot off 7" casing @ 3086'; pulled and laid down same. Set plugs as follows:
35 sx cement plug 2650-2750'
35 sx cement plug 1470-1570'
35 sx cement plug 810-910'
10 sx cement plug 0-20'
Welded plate on casing & set marker.

Location ready for inspection on 12-~~36~~-71.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED David H. Ramsey TITLE Agent DATE 12-3-71

APPROVED BY Nathan E. Vagg TITLE OIL & GAS INSPECTOR DATE MAR 8 1972
CONDITIONS OF APPROVAL, IF ANY:

PARABO, INC.

PHONE 394-2511

P. O. Box 1737

Eunice NEW MEXICO 88231

PROPOSED OPERATION DATA:

Average daily rate at two (2) barrels per minute for a maximum of three thousand (3,000) barrels daily.

The proposed system is a closed system.

The proposed average and maximum injection pressure is from zero (0) to one thousand (1,000) pounds.

PROPOSED STIMULATION PROGRAM:

Approximately one thousand (1,000) gallons 15% H Cl acid will be pumped down well.

LOGGING & TEST DATA ON WELL:

filed with Hobbs Oil Conservation Division.

FRESH WATER WELLS WITHIN A ONE MILE RADIUS:

No fresh water wells are within a one mile radius of proposed disposal well.

UNICHEM INTERNATIONAL

707 NORTH LEECH

P.O. BOX 1479

HOBBS, NEW MEXICO 88240

COMPANY :

DATE : 01/20/86

FIELD, LEASE & WELL : SAN ANDRES WATER

SAMPLING POINT :

DATE SAMPLED :

SPECIFIC GRAVITY = 1.03

TOTAL DISSOLVED SOLIDS = 45636

PH = 7.2

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	72	1442.
MAGNESIUM	(MG)+2	76	927.
SODIUM	(NA), CALC.	629.	14466.
ANIONS			
BICARBONATE	(HCO3)-1	25.4	1549.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	46.8	2250
CHLORIDES	(CL)-1	705	25000
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	0	0
HYDROGEN SULFIDE	(H2S)	0	0
OXYGEN	(O2)	0	0
IRON(TOTAL)	(FE)		412.
BARIUM	(BA)+2	0	.6
MANGANESE	(MN)	NOT RUN	

IONIC STRENGTH (MOLAL) = .89

SCALING INDEX	TEMP
	30C
	86F
CARBONATE INDEX	.910
CALCIUM CARBONATE SCALING	LIKELY
CALCIUM SULFATE INDEX	-22.
CALCIUM SULFATE SCALING	UNLIKELY



Home Office 707 N. Leech, P.O. Box 1499 / Hobbs, NM 88240 / Ph. 505/393-7751, TWX 910/586-0010

W A T E R A N A L Y S I S

ALL RESULTS EXPRESSED IN PPM UNLESS OTHERWISE NOTED

CLIENT NAME: PARABO
FACILITY:
LOCATION: EUNICE, N.M.

DATE: 01/29/86
SAMPLE DATE: 01/17/86
DATE ANALYZED: 01/28/86

SAMPLE IDENTIFICATION : PARABO
 PIT #6

pH		6.89
PHENO ALKALINITY	(CaCO3)	NIL
TOTAL ALKALINITY	(CaCO3)	220
BICARBONATE	(HCO3)	268.4
CARBONATE	(CO3)	NIL
HYDROXIDE	(OH)	NIL
TOTAL HARDNESS	(CaCO3)	71200
CALCIUM	(Ca)	9920.0
CALCIUM	(CaCO3)	24800
MAGNESIUM	(Mg)	11136.0
MAGNESIUM	(CaCO3)	46400
CHLORIDE	(Cl)	157200
CHROMATE	(CrO4)	***
SULFATE	(SO4)	3940
TOTAL PHOSPHATE	(PO4)	***
ORTHO PHOSPHATE	(PO4)	***
POLY PHOSPHATE	(PO4)	***
SILICA	(SiO2)	NIL
SILICA	(CaCO3)	NIL
SPECIFIC CONDUCTANCE	(mmhos)	145100
IRON	(Fe)	0.70
COPPER	(Cu)	***
CALCULATED :		
TOTAL DISSOLVED SOLIDS		253549
SODIUM	(Na)	71085

*** INDICATES THAT THIS TEST WAS NOT RUN

UNICHEM INTERNATIONAL INC.

JIM L. SHARP
Petroleum Geologist

P.O. Box 594
Hobbs, New Mexico 88240

Office (505)393-5422
Home (505)392-6104

January 28, 1986

Energy and Minerals Department
Oil Conservation Division
State Land Office Building
Santa Fe, NM 87501

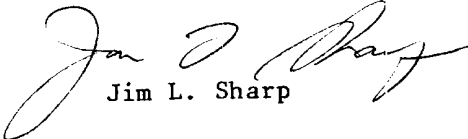
RE: FORM #C-108
APPLICATION TO INJECT

VIII. The water is to be injected into the middle San Andres Formation of the Permian Group which consists of a buff to tan to light brown porous Dolomite. The injection zone is approximately 650 feet thick from about 4,300 feet to 4,950 feet.

The only fresh water zone in the area is an Alluvium Sand above the red beds not deeper than 200 feet. To my knowledge, there are no other fresh water zones either above or below the proposed injection zone.

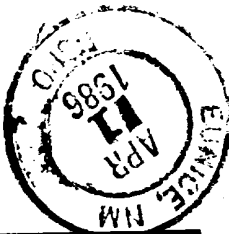
XII. I have examined the available geological data within the area of the proposed injection well and have found no evidence of a hydrologic connection between the San Andres disposal zone and any underground source of fresh water.

Very truly yours,


Jim L. Sharp


JLS:vlb

All Entries MUST be in Ball Point or Typed

REGISTERED NO. R 299665130		POSTMARK OF 	
Post Office Completion	Reg. Fee \$ 3.60	Special Delivery \$	
	Handling Charge \$	Return Receipt \$	
	Postage \$.22	Restricted Delivery \$	
Received by JK			<input type="checkbox"/> Intl
Customer must declare Full value \$ 100.00		<input type="checkbox"/> With Postal Insurance <input type="checkbox"/> Without Postal Insurance \$25,000 Domestic Ins. Limit	
FROM Parabo Inc.			
Box 1737		ZIP CODE	
Eunice N.M. 88231			
TO Conoco Inc.			
Box 460		ZIP CODE	
Hobbs N.M. 88240			

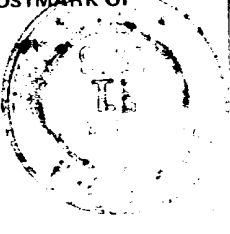
PS FORM 3806 RECEIPT FOR REGISTERED MAIL (Customer Copy) July 1983 (See Information on Reverse)

All Entries MUST be in Ball Point or Typed

REGISTERED NO. R 299665132		POSTMARK OF 	
Post Office Completion	Reg. Fee \$ 3.60	Special Delivery \$	
	Handling Charge \$	Return Receipt \$	
	Postage \$.22	Restricted Delivery \$	
Received by JK			<input type="checkbox"/> Intl
Customer must declare Full value \$ 100.00		<input type="checkbox"/> With Postal Insurance <input type="checkbox"/> Without Postal Insurance \$25,000 Domestic Ins. Limit	
FROM Parabo Inc.			
Box 1737		ZIP CODE	
Eunice N.M. 88231			
TO Agre Oil Co			
Midland America Bank Bldg		ZIP CODE	
Suite 810 Midland Tex 79701			

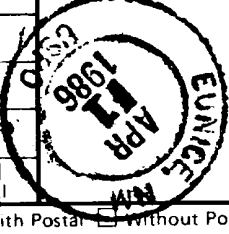
PS FORM 3806 RECEIPT FOR REGISTERED MAIL (Customer Copy) July 1983 (See Information on Reverse)

All Entries MUST be in Ball Point or Typed

REGISTERED NO. R 299665133		POSTMARK OF 	
Post Office Completion	Reg. Fee \$ 3.60	Special Delivery \$	
	Handling Charge \$	Return Receipt \$	
	Postage \$.22	Restricted Delivery \$	
Received by JK			<input type="checkbox"/> Intl
Customer must declare Full value \$ 100.00		<input type="checkbox"/> With Postal Insurance <input type="checkbox"/> Without Postal Insurance \$25,000 Domestic Ins. Limit	
FROM Parabo Inc.			
Box 1737		ZIP CODE	
Eunice N.M. 88231			
TO R.E. Leiser			
1390 Ridge Rd		ZIP CODE	
Littleton CO 80120			

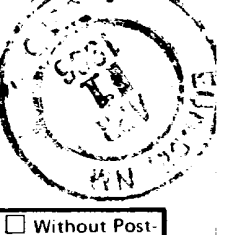
PS FORM 3806 RECEIPT FOR REGISTERED MAIL (Customer Copy) July 1983 (See Information on Reverse)

All Entries MUST be in Ball Point or Typed

REGISTERED NO. R 299665138		POSTMARK OF 	
Post Office Completion	Reg. Fee \$ 3.60	Special Delivery \$	
	Handling Charge \$	Return Receipt \$	
	Postage \$.22	Restricted Delivery \$	
Received by JK			<input type="checkbox"/> Intl
Customer must declare Full value \$ 100.00		<input type="checkbox"/> With Postal Insurance <input type="checkbox"/> Without Postal Insurance \$25,000 Domestic Ins. Limit	
FROM Parabo Inc.			
Box 1737		ZIP CODE	
Eunice N.M. 88231			
TO Bob Wallack			
Wallack Concrete Box 1289		ZIP CODE	
Hobbs N.M. 88240			

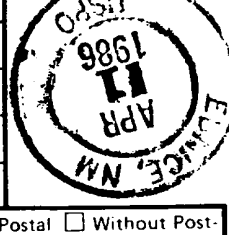
PS FORM 3806 RECEIPT FOR REGISTERED MAIL (Customer Copy) July 1983 (See Information on Reverse)

All Entries MUST be in Ball Point or Typed

REGISTERED NO. R 299665131		POSTMARK OF 	
Post Office Completion	Reg. Fee \$ 3.60	Special Delivery \$	
	Handling Charge \$	Return Receipt \$	
	Postage \$.22	Restricted Delivery \$	
Received by JK			<input type="checkbox"/> Intl
Customer must declare Full value \$ 100.00		<input type="checkbox"/> With Postal Insurance <input type="checkbox"/> Without Postal Insurance \$25,000 Domestic Ins. Limit	
FROM Parabo Inc.			
Box 1737		ZIP CODE	
Eunice N.M. 88231			
TO Mobil Producing			
Box 1800		ZIP CODE	
Hobbs N.M. 88240			

PS FORM 3806 RECEIPT FOR REGISTERED MAIL (Customer Copy) July 1983 (See Information on Reverse)

All Entries MUST be in Ball Point or Typed

REGISTERED NO. R 299665129		POSTMARK OF 	
Post Office Completion	Reg. Fee \$ 3.60	Special Delivery \$	
	Handling Charge \$	Return Receipt \$	
	Postage \$.22	Restricted Delivery \$	
Received by JK			<input type="checkbox"/> Intl
Customer must declare Full value \$ 100.00		<input type="checkbox"/> With Postal Insurance <input type="checkbox"/> Without Postal Insurance \$25,000 Domestic Ins. Limit	
FROM Parabo Inc.			
Box 1737		ZIP CODE	
Eunice N.M. 88231			
TO Kerby Exploration			
Box 885		ZIP CODE	
Eunice N.M. 88231			

PS FORM 3806 RECEIPT FOR REGISTERED MAIL (Customer Copy) July 1983 (See Information on Reverse)

PARABO, INC.

P. O. BOX 1737
EUNICE, NEW MEXICO 88231
(505) 394-3628

January 16, 1986

Mobil Producing
Box 1800
Hobbs, New Mexico 88240

Proposed Royalty Holding #4 SWD Well

Gentlemen:

Parabo, Inc. is planning to convert to Salt Water Disposal, a temporarily abandoned well located 660' from the north line and 660' from the east line of Section 25, Township 21, and Range 37, Lea County, New Mexico.

We intend to inject production water into the San Andres formation between 4000' to 5000' at an injection rate of two barrels per minute on a vacuum. All interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within fifteen days.

Yours truly,

PARABO, INC.

Don McLean
Manager

DM/tb

PARABO, INC.

P. O. BOX 1737
EUNICE, NEW MEXICO 88231
(505) 394-3628

January 16, 1986

Argee Oil Co.
Midland America Bank Bldg.
Suite 810
Midland, Texas 79701

Proposed Royalty Holding #4 SWD Well

Gentlemen:

Parabo, Inc. is planning to convert to Salt Water Disposal, a temporarily abandoned well located 660' from the north line and 660' from the east line of Section 25, Township 21, and Range 37, Lea County, New Mexico.

We intend to inject production water into the San Andres formation between 4000' to 5000' at an injection rate of two barrels per minute on a vacuum. All interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within fifteen days.

Yours truly,

PARABO, INC.

Don McLean
Manager

DM/tb

PARABO, INC.

P. O. BOX 1737
EUNICE, NEW MEXICO 88231
(505) 394-3628

January 16, 1986

Kirby Exploration
P. O. Box 1885
Eunice, New Mexico 88231

Proposed Royalty Holding #4 SWD Well

Gentlemen:

Parabo, Inc. is planning to convert to Salt Water Disposal, a temporarily abandoned well located 660' from the north line and 660' from the east line of Section 25, Township 21, and Range 37, Lea County, New Mexico.

We intend to inject production water into the San Andres formation between 4000' to 5000' at an injection rate of two barrels per minute on a vacuum. All interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within fifteen days.

Yours truly,

PARABO, INC.

Don McLean
Manager

DM/tb

PARABO, INC.

P. O. BOX 1737
EUNICE, NEW MEXICO 88231
(505) 394-3628

January 16, 1986

R. E. Leeser
1390 Ridge Road
Littleton, Colorado 80120

Proposed Royalty Holding #4 SWD Well

Gentlemen:

Parabo, Inc. is planning to convert to Salt Water Disposal, a temporarily abandoned well located 660' from the north line and 660' from the east line of Section 25, Township 21, and Range 37, Lea County, New Mexico.

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Yours truly,

PARABO, INC.

Don McLean
Manager

DM/tb

PARABO, INC.

P. O. BOX 1737
EUNICE, NEW MEXICO 88231
(505) 394-3628

January 16, 1986

Conoco Inc.
Box 460
Hobbs, New Mexico 88240

Proposed Royalty Holding #4 SWD Well

Gentlemen:

Parabo, Inc. is planning to convert to Salt Water Disposal, a temporarily abandoned well located 660' from the north line and 660' from the east line of Section 25, Township 21, and Range 37, Lea County, New Mexico.

We intend to Inject production water into the San Andres formation between 4000' to 5000' at an injection rate of two barrels per minute on a vacuum. All interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within fifteen days.

Yours truly,

Parabo, Inc.

Don McLean
Manager

DM/tb

PARABO, INC.

P. O. BOX 1737
EUNICE, NEW MEXICO 88231
(505) 394-3628

January 16, 1986

Bob Wallach
Box 1289
Hobbs, New Mexico 88240

Proposed Royalty Holding #4 SWD Well

Gentlemen:

Parabo, Inc. is planning to convert to Salt Water Disposal, a temporarily abandoned well located 660' from the north line and 660' from the east line of Section 25, Township 21, and Range 37, Lea County, New Mexico.

We intend to inject production water into the San Andres formation between 4000' to 5000' at an injection rate of two barrels per minute on a vacuum. All interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501, within fifteen days.

Yours truly,

PARABO, INC.

Don McLean
Manager

IM/tb