

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: P.O. Box 1499, Hobbs, New Mexico 88241

Contact party: Wayne Price Phone: (505) 393-7751

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: Wayne Price Title Staff Engineer

Signature: Wayne Price Date: February 14 1989

* 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

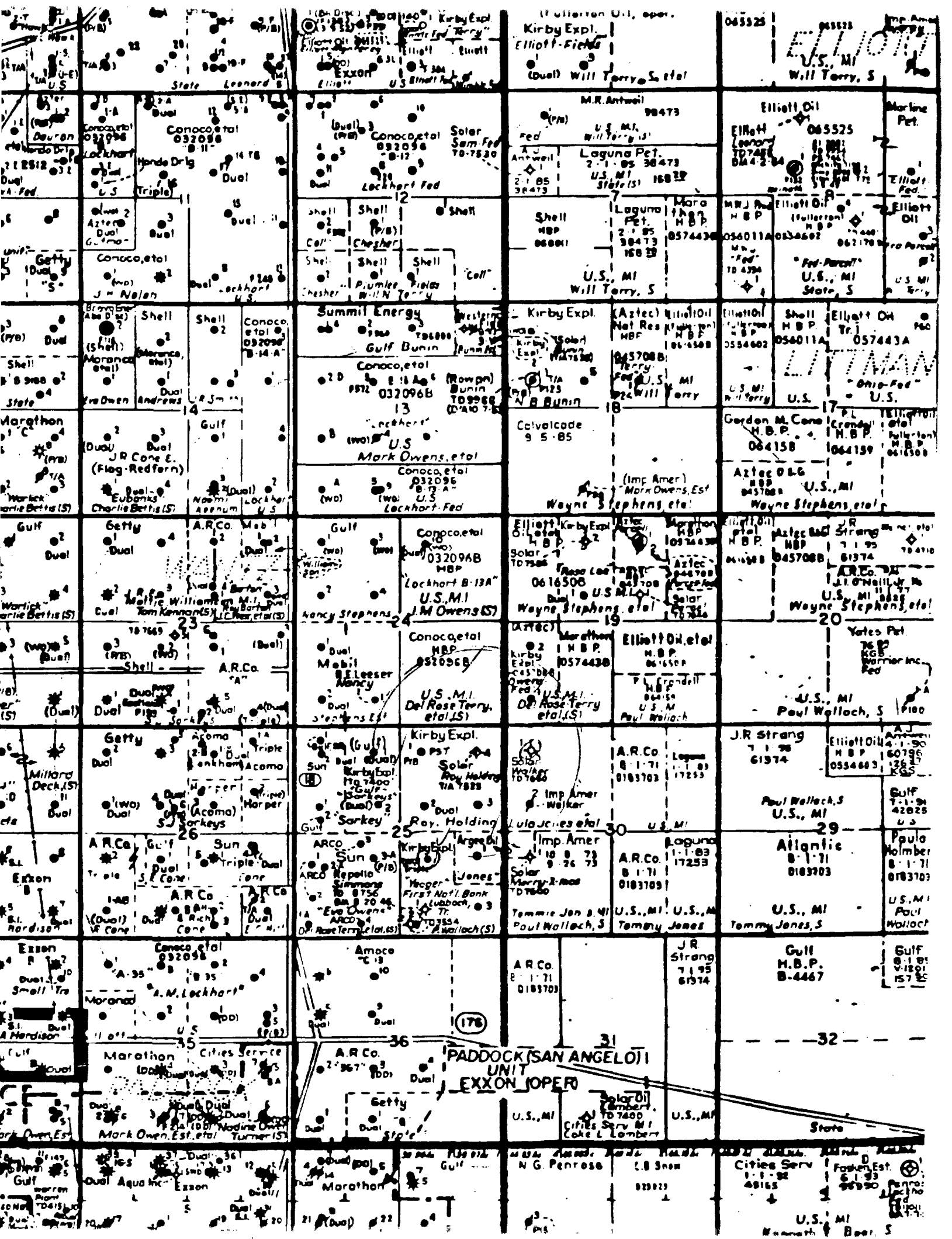
All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

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 to them.



SOLAR OIL CO.
ART YEAGER #1
LEA COUNTY, NEW MEXICO

		HOLE	f^3/ft	f^3
500 ft.	7500-7000	9"	.1745	87.25
500 ft.	7000-6500	$9\frac{1}{2}$	.2250	112.50
500 ft.	6500-6000	$10\frac{1}{4}$	.3058	153
800 ft.	6000-5200	$10\frac{1}{2}$	.3341	267
700 ft.	5200-4500	$10\frac{1}{2}$	.3341	234
500 ft.	4500-4000	9 3/4	.2512	125.60
400 ft.	4000-3600	$10\frac{1}{2}$	.3341	133.64
200 ft.	3600-3400	$11\frac{1}{2}$	.4541	<u>91</u>
			TOTAL f^3	1203.99

350 sx class C	8% Gel	2.19 $f^3/sx =$	766 f^3
300 sx class C	2% Gel	1.51 $f^3/sx =$	<u>453</u>

TOTAL f^3 cement 1219

Estimated top of cement 3400 feet

OK

SOLAR OIL CO.

WALKER # 1

		<u>HOLE</u>	<u>f³/ft</u>	<u>c f³</u>
1000 ft.	7500-6500	9½	.2250	225
1000 ft.	6500-5500	10½	.3341	334
1000 ft.	5500-4500	10½	.3341	334
500 ft.	4500-4000	10 3/4	.3630	182
500 ft.	4000-3500	12¼	.5512	276
300 ft.	3500-3200	11 3/4	.4858	146
				<hr/>
				1497 f ³

350 sx class C 8% Gel 2.19 f³/sx = 766 f³
 300 sx class C 2% Gel 1.51 f³/sx = 453

TOTAL f³ CEMENT 1219

Estimated top of cement 3775 feet

PiA

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'

KIRBY EXPLORATION

✓ ROYALTY HOLDING #1 oilwell. drilled 11-29-68.
unit letter B - 1980 FNL - 660 FNL of sec. 25, T-21-S, R-37-E.
12 1/4" hole with 9 5/8" csg. set at 910' cemented with 330 sx.
circulated to surface.
9 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 FNL - 1980 FNL sec. 25, T-21-S, R-36-E
13 3/4" hole 9 5/8" csg. set at 866' cemented with 330 sx.
circulated to surface.
9 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 FNL sec. 25, T-21-S, R-37-E
12 1/4" hole 9 5/8" csg. set at 863' cemented with 500 sx.
circulated to surface.
8 3/4" hole 7" csg. set at 7480' cemented with 650 sx.
calculated TOC 2004'.
Perfs. 7187' - 7466' 6926' - 7073' 6643' - 6818'

*Check:
Records
indicate
Amounts
w/ 800 sx
OK*
✓ GULF SARKEYS #1 oilwell. drilled 2-4-57
unit letter F - 1980 FNL - 2030 FNL sec. 25, T-21-S, R-37-E
13 1/2" hole 10 3/4" csg. set at 850' cemented with 325 sx.
circulated to surface.
9 5/8" hole 7 5/8" csg. set at 7400' cemented with 550 sx. *800*
calculated TOC 2096'.
Perfs. 6475' - 6849' 6927' - 7356' 5884' - 6176'

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

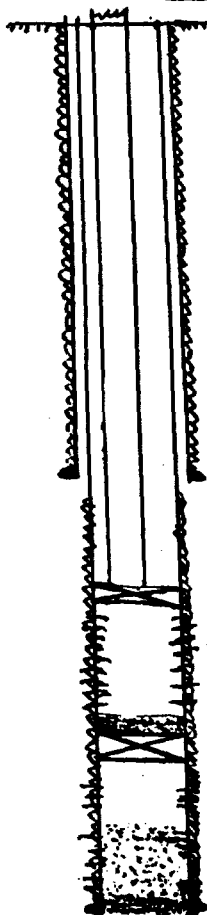
✓ ART YEAGER #1 oilwell. drilled 1-17-69.
unit letter J - 1980 FSL - 1980 FEL sec. 25, T-21-S, R-37-E.
13 3/4" hole 9 5/8" csg. set at 841' cemented with 500 sx.
circulated to surface.
8 3/4" hole 7" csg. set at 7556' cemented with 650 sx.
calculated TOC 2080'.
Perfs. 5812' - 6145' 6532' - 7439'

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 850' 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'

INJECTION WELL DATA SHEET

Parabo Inc. Royalty Holding
 OPERATOR LEASE
 4 660 FUL 660 FUL 25 21-S 37-E
 WELL NO. PORTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Tabular Data

Surface Casing

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

Intermediate Casing

Size " Cemented with ex.
 TOC feet determined by
 Hole size

Long string

Size 7 " Cemented with 650 ex.
 TOC 3442' feet determined by calculation
 Hole size 8 3/4
 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'

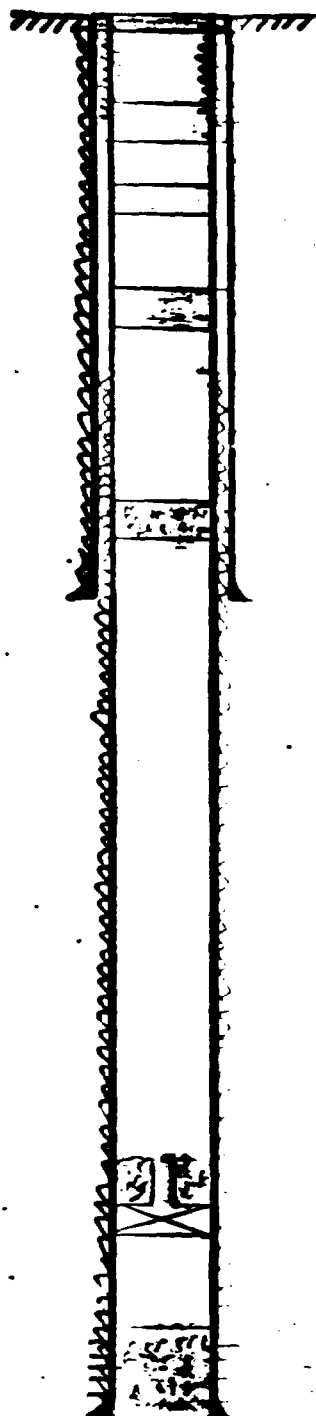
Perfs 6248-6479' sq w/ 275 ex
 6708-7098' sq w/ 200 ex
 7359-7494' sq w/ 150 ex

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

- Name of the injection formation San Andres
- Name of field or Pool (if applicable) Undesignated
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? Oil well
- 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 ex
6708-7098 sq. 200 ex 6248-6479 sq. w. 275 ex Perfs 5970-6217
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Blinberry 5870'

OPERATOR Imperial-American Management Co.		DATE
LEASE Walker	WELL No. 1	LOCATION Unit Letter D 660 FNL 660 FWL Sec 30 T-21-S, R038-E



10 sx cement plug 0-20'

30 sx cement plug 500-600'

7" osg. pulled from 0-548'

20 sx cement plug 820-920'

20 sx cement plug 1470-1570'

Calculated TOC @70% fill = 3997'

20 sx cement plug 2650-2750'

9 5/8" casing set at 869' with 510 sx of class C cement
Hole size 12 1/4"
Circulate to surface

Cemented retainer & $3\frac{1}{2}$ tbg in well from 6549-6936'

perfs 7199-7582' sq off w/250 sx cement

7" casing set at 7650' with 665 sx of class C cement
Total Depth 7650' Hole size 8 3/4"

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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.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

1. Name of Operator
Imperial-American Management Co.

2. Address of Operator
507 Midland Savings Bldg., Midland, Texas 79701

3. Location of Well
UNIT LETTER D 660 FEET FROM THE North LINE AND 660 FEET FROM
West LINE, SECTION 30 TOWNSHIP 21-S RANGE 38-E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

Walker

9. Well No.

1

10. Field and Pool, or Wildcat

Undesignated

15. Elevation (Show whether DF, RT, GR, etc.)

3430.6' GR

12. County

Lea

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☒

OTHER ☐

7. 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 & 3½" 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-~~38~~-71.

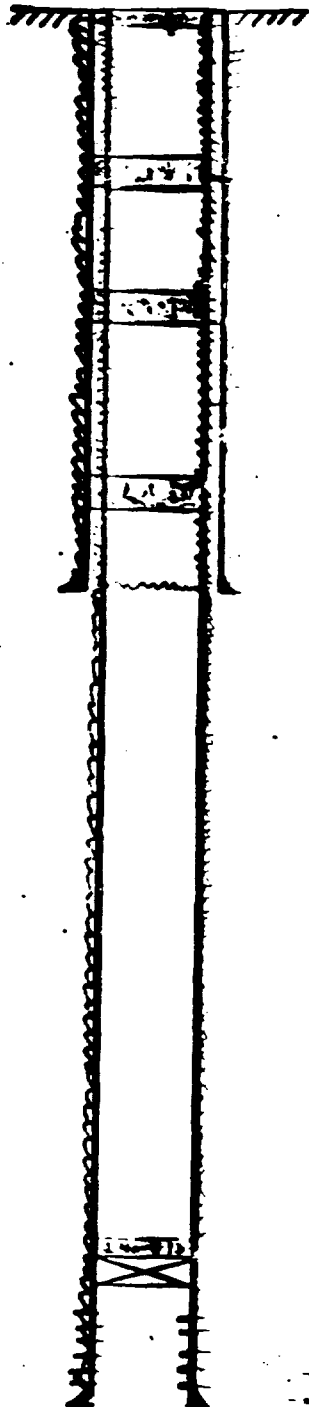
8 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Nathan E. Clegg 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 Imperial-American Management Co.		DATE
LEASE Walker	WELL No. 2	LOCATION Unit Letter E 1980 T1L 660 T1L 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 @ 70% fill = 4028'

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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ART A FE		
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 <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
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.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator
Imperial-American Management Co.

Address of Operator
507 Midland Savings Bldg., Midland, Texas 79701

Location of Well
UNIT LETTER **E**, **1980** FEET FROM THE **North** LINE AND **660** FEET FROM
THE **West** LINE, SECTION **30** TOWNSHIP **21-S** RANGE **38-E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3417.6' GR

7. Unit Agreement Name

8. Farm or Lease Name
Walker

9. Well No.
2

10. Field and Pool, or Wildcat
Wantz Abo

12. County
Lea

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"/>

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 G0-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.

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

SIGNED <u>David H. Roney</u>	TITLE <u>Agent</u>	DATE <u>12-3-71</u>
APPROVED BY <u>Nathan E. Vegg</u>	TITLE <u>OIL & GAS INSPECTOR</u>	DATE <u>MAR 8 1972</u>
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 1499

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

.910

LIKELY

CARBONATE INDEX

CALCIUM CARBONATE SCALING

CALCIUM SULFATE INDEX

CALCIUM SULFATE SCALING

-22.

UNLIKELY



Home Office 707 N. Leech, P.O. Box 1499 / Hobbs, NM 88240 / Ph. 505/393-7751, TWX 910/986-0010

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

ALL RESULTS EXPRESSED IN PPM UNLESS OTHERWISE NOTED

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

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

SAMPLE IDENTIFICATION : FARABO
 FIT #6

pH		6.89
PHENO ALKALINITY	(CaCO ₃)	NIL
TOTAL ALKALINITY	(CaCO ₃)	220
BICARBONATE	(HCO ₃)	268.4
CARBONATE	(CO ₃)	NIL
HYDROXIDE	(OH)	NIL
TOTAL HARDNESS	(CaCO ₃)	71200
CALCIUM	(Ca)	9920.0
CALCIUM	(CaCO ₃)	24800
MAGNESIUM	(Mg)	11136.0
MAGNESIUM	(CaCO ₃)	46400
CHLORIDE	(Cl)	157200
CHROMATE	(CrO ₄)	***
SULFATE	(SO ₄)	3940
TOTAL PHOSPHATE	(PO ₄)	***
ORTHO PHOSPHATE	(PO ₄)	***
POLY PHOSPHATE	(PO ₄)	***
SILICA	(SiO ₂)	NIL
SILICA	(CaCO ₃)	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

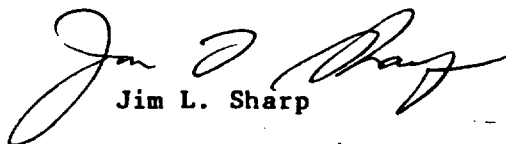
RE: FORM #C-108
APPLICATION TO INJECT

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:v1b

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

February 17, 1989
and ending with the issue dated

February 17, 1989

George W. Moore
Publisher.

Sworn and subscribed to before

me this 21 day of

February, 1989

Vera Murphy
Notary Public.

My Commission expires _____

November 14, 1992
(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

February 17, 1989

43 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).

PARABO, INC.

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

February 14, 1989

Bob Wallach
Box 1289
Hobbs, New Mexico 88240

Re: 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 Andrews 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, Post Office Box 2088, Santa Fe, New Mexico 87501, within fifteen days.

Yours truly,

PARABO, INC.



Wayne Price
Staff Engineer

WP/ms

PARABO, INC.

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

February 14, 1989

Mobil Producing
Box 1800
Hobbs, New Mexico 88240

Re: Proposed Royalty Holding #4 SWD Well

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Yours truly,

PARABO, INC.



Wayne Price
Staff Engineer

WP/ms

PARABO, INC.

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

February 14, 1989

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

Re: Proposed Royalty Holding #4 SWD Well

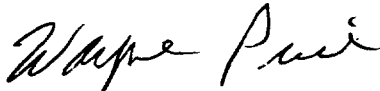
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PARABO, INC.



Wayne Price
Staff Engineer

WP/ms

PARABO, INC.

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

February 14, 1989

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

Re: Proposed Royalty Holding #4 SWD Well

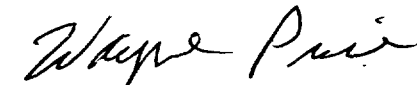
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Yours truly,

PARABO, INC.



Wayne Price
Staff Engineer

WP/ms

PARABO, INC.

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

February 14, 1989

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

Re: Proposed Royalty Holding #4 SWD Well

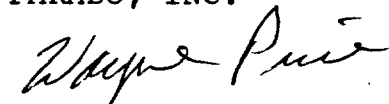
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Yours truly,

PARABO, INC.



Wayne Price
Staff Engineer

WP/ms

PARABO, INC.

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

February 14, 1989

Conoco Inc.
Box 460
Hobbs, New Mexico 88241

Re: Proposed Royalty Holding #4 SWD Well

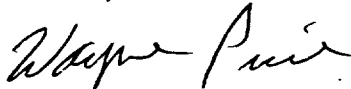
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Yours truly,

PARABO, INC.



Wayne Price
Staff Engineer

WP/ms

P 728 404 311

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to <i>Wheeler Oil Co.</i>	
Street and No. <i>Midland America Crude</i>	
P.O. State and ZIP Code <i>Suite 810, Midland TX 79701</i>	
Postage <i>25</i>	
Certified Fee <i>85</i>	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	<i>90</i>
Return Receipt showing to whom Date, and Address of Delivery	
TOTAL Postage and Fees	<i>20 25</i>
Postmark of Date	<i>FEB 22 1989</i>

PS Form 3800, June 1985

P 728 404 312

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to <i>Mobil Producing</i>	
Street and No. <i>Box 1800</i>	
P.O. State and ZIP Code <i>Box 1800, P.O. Box 8824</i>	
Postage <i>25</i>	
Certified Fee <i>85</i>	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	<i>90</i>
Return Receipt showing to whom Date, and Address of Delivery	
TOTAL Postage and Fees	<i>20 25</i>
Postmark of Date	<i>FEB 22 1989</i>

PS Form 3800, June 1985

P 728 404 313

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to <i>Bob Wallack</i>	
Street and No. <i>Box 1289</i>	
P.O. State and ZIP Code <i>Box 1289, P.O. Box 8824</i>	
Postage <i>25</i>	
Certified Fee <i>85</i>	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	<i>90</i>
Return Receipt showing to whom Date, and Address of Delivery	
TOTAL Postage and Fees	<i>20 25</i>
Postmark of Date	<i>FEB 22 1989</i>

PS Form 3800, June 1985

P 728 606 304

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to Conoco, Inc.	Street and No. Box 468	P.O. State and ZIP Code Hobbs, NM 88241	Postage 25	Certified Fee 85	Special Delivery Fee	Restricted Delivery Fee	Return Receipt showing to whom and Date Delivered 90	Return Receipt showing to whom Date, and Address of Delivery	TOTAL Postage and Fees 200	Postmark or Date FEB 22 1985
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PS Form 3800, June 1985

P 728 606 304

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to H. L. Zepher	Street and No. 1990 Ridge Road	P.O. State and ZIP Code San Antonio, TX 78210	Postage 25	Certified Fee 85	Special Delivery Fee	Restricted Delivery Fee	Return Receipt showing to whom and Date Delivered 90	Return Receipt showing to whom Date, and Address of Delivery	TOTAL Postage and Fees 200	Postmark or Date FEB 22 1985
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PS Form 3800, June 1985

P 728 606 310

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to Playboy Enterprises	Street and No. P.O. Box 1885	P.O. State and ZIP Code El Paso, NM 88531	Postage 25	Certified Fee 85	Special Delivery Fee	Restricted Delivery Fee	Return Receipt showing to whom and Date Delivered 90	Return Receipt showing to whom Date, and Address of Delivery	TOTAL Postage and Fees 200	Postmark or Date FEB 22 1985
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PS Form 3800, June 1985