CHECKLIST for ADM	INISTRATI	VE INJECTION	APPLICATIONS			
Operator: <u>Ocerni Energy</u> , INC.	Well	STATE 36	S' March 10.5			
Contact: Dick Morron Tit	le: <u>Prov.</u>	KIGR.	Phone: 210 196 2460			
DATE IN <u>5-23-97</u> RELE						
Proposed Injection Application is for:	WAT	ERFLOOD	Expansion Initial			
Original Order: R	Seco	ndary Recovery	Pressure Maintenance			
SENSITIVE AREAS		WATER DISPOS	AL Commercial Well			
WIPP Capitan Reef	7					
Data is complete for proposed well(s)? <u>46</u>	Additiona	l Data Req'd				
AREA of REVIEW WELLS	<u> </u>					
Total # of AOR		$\mathbb{Z}$ # of Plu	lgged Wells			
Tabulation Com	plete	<u>46</u> Schema	tics of P & A's			
Cement Tops A	dequate	ate <u>J</u> AOR Repair Required				
INJECTION FORMATION	4					
			Compatible Analysis <u>4</u> 65			
Source of Water or Injectate	<u>5154</u>					
PROOF of NOTICE						
Cite Copy of Legal Notice		i <u>it</u> Informat	tion Printed Correctly			
Correct Operators		<u>tit</u> Copies of	of Certified Mail Receipts			
$\chi_{\mathcal{L}}$ Objection Received		λ <u>/</u> /A Set to Η	learing Date			
NOTES:		7				
APPLICATION QUALI	FIES FOR AD	MINISTRATIVE A	PPROVAL? <u>4</u>			
COMMUNICATION WITH CONTACT PERSON:			,			
	tter					
2nd Contact:TelephonedLet	tter	Date Nature of Discussion				

\_\_\_\_Letter \_\_\_\_\_Date Nature of Discussion

\_\_\_\_ Telephoned

3rd Contact:

		SWD	6/4/47
PHONE: 210/496-2466 FAX: 210/496-9595		16414 SA	N PEDRO, SUITE 470
			4r"t
Olsen en	NERGY, INC.		
	Development TEXAS 78232-2246		
May 2	0, 1997	BUVE	
	MA	¥ 2 3 1997	
Mr. William J. LeMay	LONS	RVATION DIVIS	SION

Mr. William J. LeMay Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

> Re: Application of Olsen Energy, Inc. for Approval for Use of State "36" No. 5 for Saltwater Disposal Sec. 36-17S-33E Lea County, New Mexico

Dear Mr. LeMay,

On behalf of Olsen Energy, Inc., please find enclosed a completed Division Form C-108 and attachments which represents our request for administrative approval of the referenced well for disposal purposes.

This application is for authority to dispose of produced water into the San Andres formation in the open hole 4600'-5300' in the State "36" No. 5 located 330' FSL and 2310' FWL of Section 36-175-33E, Lea County, New Mexico.

In accordance with Division notice rules, copies of this application were sent to the surface owner and operators within a one-half mile radius of the well (notification list and return receipts - attachment #8). Notice was also published in the Hobbs Daily News-Sun (attachment #7).

Yours truly,

**OLSEN ENERGY, INC.** 

Dick Morton Drilling/Production Manager

cc: Hobbs District Office

## APPLICATION FOR AUTHORIZATION TO INJECT

۱.	. –	Secondary Recovery jualifies for administrative a	Pressure M pproval?		Disposal		Storage
11.	Operator:	Olsen Energy, I	nc.				
	Address:	16414 San Pedr		), San Anto	onio, Texas	78232	
	Contact Party:_	Dick Morton		Phone:	(210)496-2	466	
HI.	Well data Com	inlete the data required on t	he reverse side of th	his form for each	well proposed for in	niection Ac	ditional sheets

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional she may be attached if necessary.

IV.	Is this an expansion of an existing project?	Yes	K No
	If yes, give the Division Order number author	rizing the p	project

- V. Attach a map that identifies all wells and leases within a two mile radius 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 with 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
  - 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 geological name, and depth to bottom of 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:	Dick Morton	Title: Drilling/Prod. Manager	
Signature:	Dick Mortert	Date: 5/6/97	

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

# OLSEN ENERGY, INC. STATE "36" NO. 5

# III. Well Data (See Attachment No. 1) A. 1. Name and Location State "36" No. 5 330' FSL and 2310' FWL Section 36-17S-33E Lea County, New Mexico 2. Casing 8-5/8" 24# at 375' (11" hole) Surface: cemented with 275 sacks. Cement circulated. 4 ½" 10.5# (7-7/8" hole) set Long String: at 4600' (will re-enter and clean out to old TD, deepen to 5300' and set pipe at 4600'. Will circulate cement. 7-7/8" open hole 4600'-**Open Hole:** 5300' 2-3/8" OD 4.7# J-55 3. Tubing: internally coated with plastic set at 4500'. Baker Lok-set set at 4500' 4. Packer: San Andres B. 1. Injection Formation: 4600'-5300' open hole 2. Injection Interval: 3. Original Intent: Well(originally McMahon,

Weilloriginally McMahon, Wiley & Lowe - Mobil State No. 4) was drilled in 9-61 to a depth of 4092' as a dry hole.

<ol> <li>Productive Zones: Lower: High:</li> </ol>	Abo at 8800' (1/2 mile SW) Queen at 3900' (1/2 mile S)
VII. Proposed Injection Operations	
1. Rates:	Average - 400 BWPD Maximum - 800 BWPD
2. System:	Closed
3. Pressure:	Average - 750 psi Maximum - 1000 psi
4. Fluid:	Produced water from Grayburg - San Andres (see water analysis attachement no. 6)
VIII. A. Injection Zone:	The injection zone will be in the San Andres Formation from 4600' to 5300', a dolo- mite with some porous and permeable zones and some tight zones.
B. Fresh Water in Area:	Ogallala - base at 200'.
IX. Stimulation Program:	None planned
X. Logging Date:	Well will be logged upon reaching TD.
XI. Fresh Water Analysis:	There are no water wells within two miles of this well.

# INJECTION WELL DATA SHEET

01sen H	Energy, Inc.	Stat	State "36" LEASE					
OPERATOR		LEAS						
No. 5	330' FSL & 2310' FWL FOOTAGE LOCATION	36-178-338	न					
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE				
<u>sc</u>	HEMATIC	I	UBULAR DATA					
「「「「「「「「「「「「」」」」」、「「「「」」」、「「「」」」、「「」」、「「」」、「」」、「」、「	8-5/8" @ 305'	SIZE <u>4</u> <sup>1</sup> / <sub>2</sub> " CEM TOC <u>surf</u> FEET D HOLE SIZE <u>7-7/8</u> TOTAL DEPTH <u>53</u> INJECTION INTERVA	MENTED WITH DETERMINED BY SING MENTED WITH DETERMINED BY 4600' volume MENTED WITH 1 DETERMINED BY 3'' 300' AL ET TO 5300	CircSX. SX. to be determined ogsSX. SX. 				
	01d TD 4092' Proposed 4½" at 4600'							
	Proposed TD 5300'							
TUBING SIZE	2-3/8"LINED WITH Plas	tic		SET IN A				
		(material)						
	r Lok-set (brand and model)	PACKER AT	4500	FEET				
(or describe a	ny other casing seal).							
OTHER DATA	N							
1. Name of i	njection formation San	Andres						
2. Name of F	Field or Pool (if applicable)	Vacuum GB/SA						
3. Is this a n	ew well drilled for injection?			dry hole and deepen				
	what purpose was the well original data in 1061 to tooth our	ginally drilled?	5300'					
	11ed in 1961 to test Que							
	vell ever been perforated in any ging detail (sacks of cement or							
5. Give the o area:	lepth to and name or any overly Queen at 3900', ABO at		ır gas zones (poo	ls) in this				

con Burlington children Burlington strike Harseginn- children Burlington z (Lukhwar) ston z (Lukhwar)	Auf (Prot) (Signa) Aur (Mar) Segnta Fe Bess Bess Co Co Co Co Co Co Co Co Co Co Co Co Co	Wett - 1/4	And a set of the set o
E CORBIN (DEL.) UT (	And Andrews (1997)	OXY BANK CANNER CAN	MMAL- GRA UNIT
And Andrew Constraints		All And	CAPROCK MALLAMMAR CAPROCK MALLAMMAR CAPROCK MALLAMMAR WISER OIL OPER J WISER ON
		Carlos States Co. (5)	Printing Contract of the second secon
	And		And Andrewsky an
		And the second s	
			ATTACHMEN V. AREA ( OLSEN ENEF STATE ''36 330' FSL & SEC. 36- LEA COUNTY, LEA COUNTY, LEA COUNTY, Builting Builting States of the Builting Builting Builting Builting STates of the Builting States of the States
(n(2010) (1200) (n) (2010) (120	H.B.P. B. B.P. B. B. B.P. B. B. B.P. B. B. B. B. B. B. B. B. B. B. B. B. B. B. B. B. B. B. B	ан санана с санана санана санана санана санана	O. 2 EVIEW INC. 0 FWL -33E MEXICO B. 1000 B. 10000
	B. 39		

	Murphy Baxter	Olsen Energy, Inc.			Lvnx Pet. Con., Inc.			Lvnx Pet. Con., Inc.		Oxy USA Inc.	(Orig. Wiley & Lowe)	Murphy Baxter	(Orig. Wiley & Lowe)	Murphy Baxter	(Orig. Wiley & Lowe)	Murphy Baxter			Olsen Energy Inc.			Olsen Energy Inc.	Operation	Dur overthe
Unit Trust #1	N. EK Queen	State "36" #2			State "CP" #2			State "CP" #1	#7	Cockburn St. "B"	#4	Cockburn St. "B"	#3	Cockburn St. "B"		Mobil St. "Q" #1			State "36" #4			State "36" #3	MEILINDI ISA	Woll Namo
	P-36-175-33E	J-36-17S-33E			E-1-18S-33E			D-1-18S-33E		G-1-18S-33E		B-1-18S-33E		A-1-18S-33E		O-36-17S-33E			K-36-175-33E			J-36-17S-33E		
	Plugged and	Plugged and	-		2-26-63			12-8-62		2-4-85		9-24-61		8-20-61		4-17-71			10-19-93			3-22-93	Date	C <sub>2</sub> in
				Qi	8806'		<u>Oi</u>	8810'	Oil	4300'	Oil	4070'	<u>0</u>	4035'	Qi	4018'		<u>O</u> i	4819'		<u><u><u></u><u></u><u></u><u></u><u></u><u><u></u><u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u></u>	4900'	Well Type	Tot Donth
	Abandoned (See attachment #5)	Abandoned (See attachment #4)	Prod.	Inter.	Surface	Prod.	Inter.	Surface		Did not p	Now Plug	Did not p	Now Plug	Did not p	Now Plug	Did not p		Prod.	Surface			Surface	String	
	tachment	tachment	4 <sup>1</sup> / <sub>2</sub> "	8-5/8"	13-3/8"		8-5/8"	13-3/8"		Did not penetrate injection zone	Now Plugged and Abandoned	Did not penetrate injection zone	Now Plugged and Abandoned	Did not penetrate injection zone	Now Plugged and Abandoned	Did not penetrate injection zone		5 <sup>1</sup> / <sub>2</sub> "	8-5/8"		5 <sup>1</sup> / <sub>2</sub> "	8-5/8"	Size	
	#5)	#4)	8804'	3002'	370'	8810'	3200'	315'		njection z	Abandor	njection z	Abandor	njection z	Abandor	njection z		4819'	1510'			1526'	Set	Denth
			7-7/8"	"	17 1/2"	7-7/8"	"	17 <sup>1</sup> / <sub>2</sub> "		ione	led	ione	led	ione	led	ione		7-7/8"	12 1/4"		7-7/8"	12 1/4"	Size .	
			1150 sx/3900' calc	300 sx/2000' calc	300 sx circ	1150 sx/3900' calc	250 sx /2300' calc	225 sx circ									1400' calc	750 sx	700 sxs circ	750' calc	725 sx	745 sx circ	TOC IN	
			back to Queen	ABO, Plug	8765-8775'			8719'8780'		4116-4144'								GB/SA	4382-4736'		GB/SA	4395-4722	Formation	Prod. Parts

# WELLS WITHIN AREA OF REVIEW (1/2MILE RADIUS)

ATTACHMENT NO. 3

OLSEN ENERGY, INC. STATE "36" NO. 2 1980' FSL & 1980' FEL Sec 36-17S-33E

7-5/8" 24# casing at 867' in 9-7/8" hole.

Cemented with 300 sacks. Circulated.

25 sack plug at 900'

10 sack plug at surface

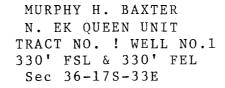
25 sack plug at 1581'

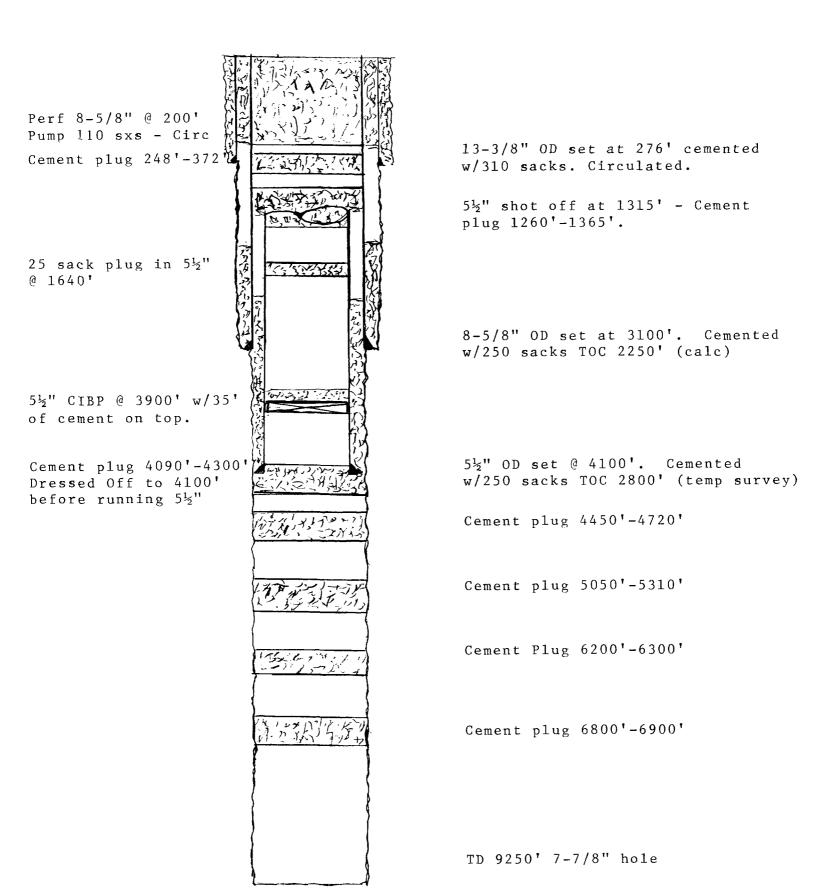
CIBP at 3640' w/3 sacks on top

Perf 3882'-3902'

CIBP at 4500' w/10' of cement on top Perf 4626'-4646' Perf 4659'-4691' Perf 4755'-4770'

Perf 4785'-4816' (Squeezed)  $5\frac{1}{2}$ " 14# casing set at 4894' (TD) in 6-3/4" hole. Cemented with 1600 sacks. Circulated.





.O.BOX 2187 HOBBS, N.M. 88240



Report for: Rusty Olson	Date sampled: 04/17/95
cc: Frank Gardner	Date reported: 04/24/95
cc:	Lease or well # : State #36-3
cc:	County: State:
Company: Olson Energy	Formation:
Address:	Depth:
Service Engineer: Frank Gardner	Submitted by: Frank Gardner

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	117000	3300
Iron (Fe) (total)	0.0	
Total hardness	11000	
Calcium (Ca)	2165	108
Magnesium (Mg)	1360	109
Bicarbonates (HCO3)	732	12
Carbonates (CO3)	0	
Sulfates (SO4)	4346	90
Hydrogen sulfide (H2S)	94	
Carbon dioxide (CO2)	746	
Sodium (Na)	73269	3186
Total dissolved solids	198874	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity	1.142	
Density (#/gal.)	9.517	
рН	6.330	
IONIC STRENGTH	3.56	
	CaCO3) Stability Ind	dex :
SI = pH	( - pCa - pAlk - K	
SI	@ 86 F = +0.37	
	104 F = +0.60	
	122 F = +0.86	
	140 F = +1.15	
	158 F = +1.47	
This water is	381 mg/1 (-5.82)	<pre>%) under ITS CALCULATED</pre>
	tion value at 82 F.	
SATURATION=	6541 mg/L	PRESENT= 6160 mg/L
		_
		A
	REPORTED BY JOY DU	INCANC

REPORTED BY DY DUNCAN

LAB TECHNICIAN

### AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

### I, KATHI BEARDEN

### Publisher

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

April 20 1997 and ending with the issue dated

April 20

\_\_\_\_\_ 1997

ader

Publisher Sworn and subscribed to before

me this 21st day of

April

**---** 1997

Notary Public.

My Commision expires October 18, 2000 (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. 01101697000 01507219

Olsen Enerby, Inc. 16414 San Pedro, Suite 470 a/c 434005 San Antonio, TX 79232-2246

LEGAL NOTICE April 20, 1997 Notice of Application to Dispose of Produced Salt Water Olsen Energy, Inc., 16414 San Pedro, Suite 470, San Antonio, Texas 78232, (210) 496-2466 (Contact: Dick Morton) has made application to dispose of produced salt water in the State "36" No. 5 well. The well location is 330' FSL and 2310' FWL of Sec. 36-17S-33E, Lea County, New Mexico. Disposal will be in the San Andres formation in the interval 4500-5300'. Maximum injection rate 800 BWPD with a maximum pressure of 1000 psi. Interested parties may file objections or requests for hearing with the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505 within 15 days of this publication. #15161

# Attachment No. 8

# Notification List

# Surface Owners:

Pearce Trust 1717 Jackson Pecos, Texas 79772

State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87504

# Operators within one-half mile radius:

Lynx Petroleum Consultants, inc. Box 1979 Hobbs, New Mexico 88240

Oxy USA, Inc. Box 50250 Midland, Texas 79710

Phillips Petroleum Co. 4001 Penbrook Odessa, Texas 79762

Mack Energy Corp. Box 960 Artesia, New Mexico 88211-0960

\*\*These were mailed May 7, 1997. See attached return receipts.

SENDER: I also wish to receive the Complete items 1 and/or 2 for additional services. Complete items 3, and 4a & b following services (for an extra Service · Print your name and address on the reverse of this form so that we can fee): return this card to you. 1. Addressee's Address · 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 2. Restricted Delivery The Return Receipt will show to whom the article was deliver ed and the date 1. A. Consult postmaster for fee. delivered. 🚟 3. Article Addressed to: 4a. Article Number 56 Je 4b. Service Type Registered Certified Express etum ADD Date of Delivery# 7 5. Addressee's Addr and fee is paid) RETU 6 vour DOMESTIC RETURN RECEIPT 323-402 SENDER: SENDER: • Complete items 1 and/or 2 for additional • Complete items 3, and 40 ab • Print your name and address the rever return this card to you. I also wish to receive the following services (for an extra Addressee's Address · Attach this form to the front of the ma or on th if sn Ž does not permit. Restricted Delivery Write "Return Receipt Request
 The Return Receipt will show
delivered." d and the date Con ster for fee. 5 3. Article Addressed to 9 4a. Article Number 66 うしつ highy let. Con ADDRESS comple 4b. Service Type ž Registered Insured Boy 1979 using Hobbs NM 88240 Heturn Receipt for Merchandise Express Mail 5 7. Date of Delivery RN 8. Addressee's Address (Only if requested 5. Signature (Addressee) RETU and fee is paid) 6. Signature (Agent) <u>i</u>e 0 Vour 10em PS Form 3811, December 1991 \*U.S. GPO: 1992-323-402 DOMESTIC TURN 17:36.3 SENDER: I also wish to receive the · Complete items 1 and/or 2 for additional services. e. Complete items 3, and 4a & b. following services (for an extra Print your name and address on the reverse of this form so that we can
 set the sould be used. fee): Serv return this card to you. 1. Addressee's Address · Attach this form to the front of the mailplece, or on the back if space does not permit. Receipt ŝ Write "Return Receipt Requested" on the mailpiece below the article number 2. Restricted Delivery . The Return Receipt will show to whom the article was delivered and the date 5 Consult postmaster for fee. delivered. Article Number 3. Article Addressed to: 4a. pleted Return <u>56</u> State OF New Meyico Comm. of Public Lands 62 6 4b. Service Type Com Registered POBOY 1148 Santa Fe NM 871504 Bu ALOFE ۳, Certified : ADDRESS usi Return Re Express Mail for Merchandise ę 7. Date of D MAY 09 1997 Nov URN sted Xuert 8. Addresse Address (Only if regu 5. Signature (Addressee) Ś and fee is RETL : 87501 6. Signature (Agent) vour PS Form 3811, December 1991 **DOMESTIC RETURN RECEIPT** #U.S. GPO: 1992-323-402 6

SENUER. I also WISD to receive une sidi · Complete items 1 and/or 2 for additional services following services (for an extra Service Complete items 3, and 4a & b. 88 · Print your name and address on the reverse of this form fee): return this card to you. 1. Addressee's Address · Attach this form to the front of the mailpiece, or on the back if space 20 V Receipt does not permit. 2. Restricted Delivery Write "Return Receipt Requested" on the mailpiece below the article number the The Return Receipt will show to whom the article was delivered and the date Consult postmaster for fee. 50 delivered. 4a. Article Number 3. Article Addressed to: be 566 67 561 4b. Service Type Registered 0 Express Mail Receipt for Merchandise . ō 7. Date of Delivery (Only if requested ature (Addressee) R 5. Sig RETL 6. Signature (Agen) 11 DOMESTIC RETURN RECEIPT -U.S. GPO: 19 323-402 PS Form 3811, December 1991 al also wish to receive the SENDER: Complete it SOLF 2 TOP BUILD Hollowing services (for an extra Co this form so that fee): 🕻 · Print your fu . d to you. P Addressee's Address Attach this form to the front of the does.not.permit. 2. Restricted Delivery . Write "Return Receipt Requ Consult postmaster for fee. The Return Receipt will show to <u> 1</u> ared. 🕫 Article Number 3. Article Addressed to: <u>96</u> Insured COM Registered Bu Lertified E Return Receipt for ADDRESS Express Mail Merchandise rcos 0 7. Date of Delivery 8. Addressee's Address (Only if requested RETURN 5. Signature (Addressee) and fee is paid) 6. Signature (Age 1111 11 **OUL** 111 111 DOMESTIC RETURN RECEIPT AU.S. GPO: 1992-323-402 PS Form 3811, December 1991 6 8.25 side? SENDER: I also wish to receive the · Complete items 1 and/or 2 for additional services. following services (for an extra Ö Complete items 3 and 4a & b. · Print your name and address on the reverse of this form so that wancer Servi fee): return this card to you. Attach this form to the front of the mailpleon does not nermit 1. Addressee's Address does not permit. Receipt ţ · Write "Return Receipt Requested" on the ma cs below the arti 2. C Restricted Delivery . The Return Receipt will show to whom the article was delivered and the date Consult postmaster for fee. 5 delivered. 4a. Article Number 3. Article Addressed to: Return ted 102 M comple Mack Energy 4b. Service Type Insured Registered Boy 960 Buisn Certified ADDRESS Express Mail - Return Receipt for Artesia NM 88211 Merchandise 2 7. Date of Delivery 5-12-9 8. Addressee's Address (Only if requested \_ RN 5. Signature (Addresse) and fee is paid) REPU (A 6. Signature (Agent). VOUL DOMESTIC RETURN RECEIPT 323-402 PS Form 38/11, December 1991 +U.S. 600: 1992-6 . É. 4