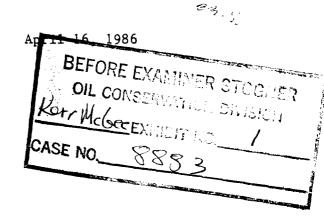


EXPLORATION AND PRODUCTION DIVISION

Yates Petroleum Corporation 207 South Fourth Street Artesia, New Mexico 88210 Attn: Eddie Mahfood

RE: YATES PETROLEUM CORPORATION
APPLICATION FOR DISPOSAL WELL
SUN "UW" FEDERAL WELL #3
NE/4 SECTION 10-T8S-R33E
CHAVES COUNTY, NEW MEXICO



Kerr-McGee Corporation agrees not to protest the subject application conditional on Yates Petroleum Corporation agreeing to the following:

- 1. Yates agrees to furnish Kerr-McGee the daily volumes of disposed saltwater on a monthly basis.
- 2. Yates agrees to furnish Kerr-McGee on a monthly basis with production figures on the producing wells on Yates' Sun "UW" Federal Lease.
- 3. Yates acknowledges and agrees that by not protesting the above referenced application and accepting the information furnished in (1) and (2) above, Kerr-McGee Corporation does not waive any rights to damage claims resulting from water encroachment caused by Yates' disposal operations in Sections 10-T8S-R33E, Chaves County, New Mexico.

Please have an authorized representative of Yates sign both copies of this agreement in the spaces provided indicating Yates' assent to this agreement and return both copies to the undersigned. Kerr-McGee will retain one original for our files, and the other will be filed of record at the hearing on this cause currently set for April 30, 1986.

If you have any questions or need any information, please contact the undersigned at (405) 270-2129.

KERR-MCGEE CORPORATION
DATE:
ACCEPTED:
YATES PETROLEUM CORPORATION
TITLE
DATE: 4-30-86

Sincerely,
Kally Line

Kelley Eisenberg T-24C McGee Tower

P. O. Box 25861

Oklahoma City, OK 73125

cc: New Mexico Oil Conservation
Division

P. O. Box 2086 Santa Fe, NM 87501

# OIL CONSERVATION DIVISION POST OFFICE BOX 2008 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 6/501

FORM C-108 Revised 7-1-81

PPLIC	ATION FOR AUTHORIZATION TO INJECT
I.	Purpose: Secondary Recovery Pressure Maintenance X Disposal Storage Application qualifies for administrative approval? yes no
II.	Operator: Yates Petroleum Corporation
	Address: 207 South 4th St., Artesia, New Mexico 88210
	Contact party: Eddie Mahfood Phone: (505) 746-3558
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?
٧.	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 replew Thich 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.  Attach data on the proposed operation, including:  1. Proposed average and maximum daily rate and volume of fluids to be injected by Attach data on the proposed operation.
VII.	Attach data on the proposed operation, including:
	Attach data on the proposed operation, including:  1. Proposed average and maximum daily rate and volume of fluids to be injected by the construction of any plugged well illustrating all plugging detail.  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 the receiving formation if other than reinjected produced water; and the receiving formation water (may be measured or inferred from the constitution of the disposal zone formation water (may be measured or inferred from the proposed literature, studies, nearby wells, etc.).
III.	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.
х.	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.
III.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification
	I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.  Name: Eddie M. Mahfood  Title Senior Engineer  Signature: Date: March 26, 1986
	Signature:
submi	he information required under Sections VI, VIII, X, and XI above has been previously itted, it need not be duplicated and resubmitted. Please show the date and circumstance he earlier submittal. Note: NMOCC Order R-3406 dated 4-29-68 permitted injection of

(produced) water into the San Andres (pay) in Sun-NM Federal X-#5 (Unit G-10-8S-33E) DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division

### 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 caning string used with its size, setting depth, sacks of cement used, hale 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

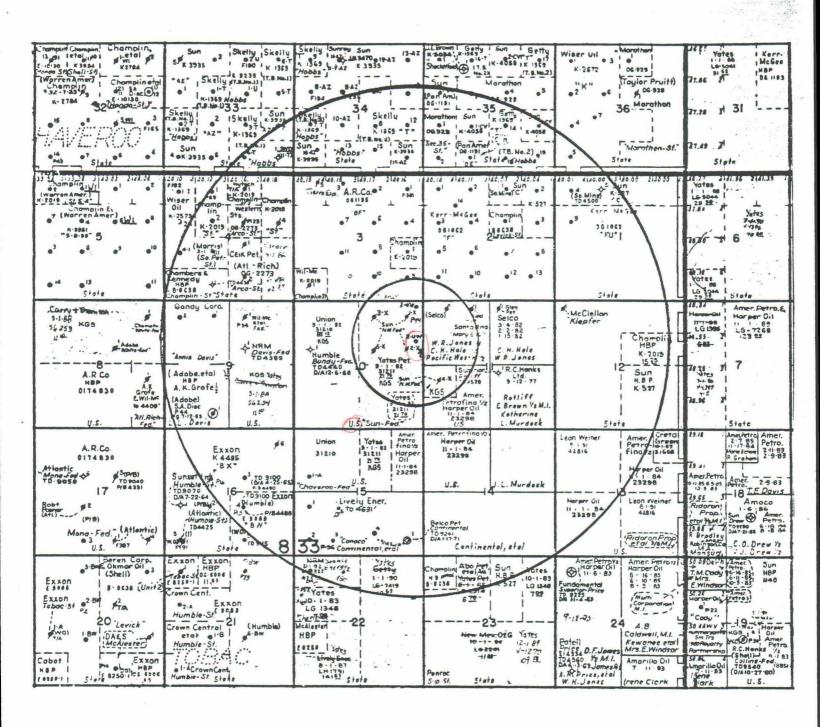
All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

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.



# YATES PETROLEUM CORP.

Application for Salt Water Disposal Well

Sun "UW" Fed. #2

Sec. 10-8S-33E

1650' FNL & 330' FEL

Scale: 1": 4000'

1

Chaves County, NM

## VI. Data on wells in Review Area:

- YPC Sun UW Fed. #3, 330/N 330/E, Sec. 10-8S-33E; spud 1-29-84, compl 3-12-85; TD 4440, PBTD 4335; Elev 4374 GL; 10-3/4" 40.5# J-55 csg @347, cmtd w/250 sx Cl "C", circ; 4½" 9.5# J-55 csg @4440 cmtd w/240 sx Cl "C", top of cmt at 3325. A pumping oil well.
- Sun N.M. Fed. X #1, 660/N 660/E, Sec. 10-8S-33E; spud 1-10-67; compl 3-28-67; TD 4461, PBTD 4397; Elev 4386 GL = 4396 KB; 8-5/8" 24# J-55 csg @365 cmtd w/250 sx, circ; 4½" 9.5# J-55 csg @4459 cmtd w/200 sx, est. top of cmt at 3630' P&A 9-27-73: prod. pfs 4241-4366 covered w/ 25 sx plug at 4397-4096; shot at 2681, 2517, 2418, cmtd w/50 sx 2750-2200, 4½" cut and pulled at 1691 w/cmt plugs at 1750-1443 and 420-320. This hole re-entered by YPC as Sun UW Fed. #1 on 8-20-82, apparently did not get into 4½" stub @1691, set 35 sx plug @1691-1590, 35 sx plug @ 450-350 and 10 sx plug at surface. Marker erected 8-24-82.
- Sun N.M. Fed. X #2, 1980/N 660/E, SEc. 10-8S-33E; spud 4-11-67, compl 4-26-67; TD 4460, PBTD 4375; Elev 4382 DF; 8-5/8" 24# J-55 csg @340 cmtd w/200 sx, circ; 4½" 9.5# J-55 csg @4454, cmtd w/200 sx, est top of cmt @3750; P&A 9-21-73; prod. pfs 4240-4357 covered w/15 sx cmt at 4400-4220; shot at 2688 and 2426, cmtd w/50 sx; shot at 1708, cmtd w/50 sx; cut and pulled 4½" at 1021, cmt plug at 1070-880; 35 sx plug at 400-300 and 30 sx plug at surface.
- Sun N.M. Fed. X #3, 660/N 1980/E, Sec. 10-8S-33E; spud 5-20-67, compl 6-9-67; TD 4450, PBTD 4397; Elev 4405 DF; 8-5/8" 24# J-55 csg at 354 cmtd w/250 sx, circ; 4½" 9.5# J-55 csg @4449 cmtd w/200 sx, est. top of cmt @3750; P&A 10-3-73: prod. pfs 4243-4356 covered w/25 sx cmt at 4397-4090; shot @2410, cmtd w/60 sx; shot @ 1665, cmtd w/60 sx; cut and pulled 4½" at 1179, cmt plug at 1179-979; 35 sx cmt plug at 420-320; 6 sx plug at surface.
- Sun N.M. Fed. X #5, 1980/N 1980/E, Sec. 10-8S-33E; spud 7-19-67, compl 11-7-67; TD 4448, PBTD 4426; Elev 4390 GL = 4401 KB; 8-5/8" 24# J-55 csg @347 cmtd w/200 sx, circ; 4½" 9.5# J-55 csg @4447 cmtd w/ 200 sx, est top of cmt @3740; P&A 10-12-73; prod. pfs 4271-4358 covered w/CIBP @4248; 4½" shot @2396, cmtd w/50 sx; shot @1639, cmtd w/50 sx; cut and pulled 4½" at 1246, cmt plug at 1300-1150; 35 sx plug at 400-300; 6 sx plug at surface. This well was a SWDW under OCD order R-3406.
- Sun N.M. Fed. X #4, 1980/S 660/W, Sec. 11-8S-33E; spud 7-27-67, comp1
  9-2-67; TD 4450, PBTD 4380; Elev 4390 KB; 8-5/8" 24# J-55 csg @365 cmtd w/200 sx, circ; 4½" 9.5# J-55 csg @4450 cmtd w/200 sx, est. top of cmt at 3750; P&A 10-5-73: prod pfs 4331-4422 covered w/25 sx cmt at 4380-4080; 4½" shot at 2393, cmtd w/50 sx; shot at 1648, cmtd w/50 sx; cut and pulled @1175, cmtd w/50 sx at 1238-1038; 35 sx cmt plug at 400-300; 6 sx plug at surface.
- Santa Rita Mary Ella #1, 330/N 990/W, Sec. 11-8S-33E; spud 1-23-81, compl 7-19-81; TD 4460, PBTD 4425; Elev 4372 G1; 8-5/8" 24# J-55 csg @390 cmtd w/200 sx, circ; 4½" 9.5# J-55 csg @4460 cmtd w/1050 sx, est top of cmt at 200; P&A 4-15-85: prod pfs 4191-4276 covered w/CIBP @3989 w/30' cmt on top; 25 sx cmt plug at 1520-1250, 20 sx cmt plug at 458-218, 30 sx surface plug.
- Enfield Hale #1, 330/N 1980/W, Sec. 11-8S-33E; spud 4-2-67, compl 5-15-67; TD 4365, PBTD 4353; Elev 4385 KB; 8-5/8" 24# J-55 csg @411 cmtd w/225 sx circ; 4½" 9.5# J-55 csg @365 cmtd w/350 sx, est top of cmt @3230; P&A 4-15-75: prod pfs 4242-4348 covered w/CIBP @4200 w/3 sx cmt on top; cut 4½" @987 and pulled, set 35 sx cmt plug at 987-887; 35 sx cmt plug at 457-357; 10 sx cmt plug at surface.
- ARCO State BF #9, 990/S 660/E, Sec. 3-8S-33E; spud 11-19-66, compl 12-16-66; TD 4482, PBTD 4447; Elev 4394 KB; 8-5/8" 24# J-55 csg @377 cmtd w/250 sx, circ; 4½" 9.5# J-55 csg @4482 cmtd w/300 sx, est top of cmt @3250; prod pfs 4253-4351. This pumping well is actually 20 feet outside of the Re-

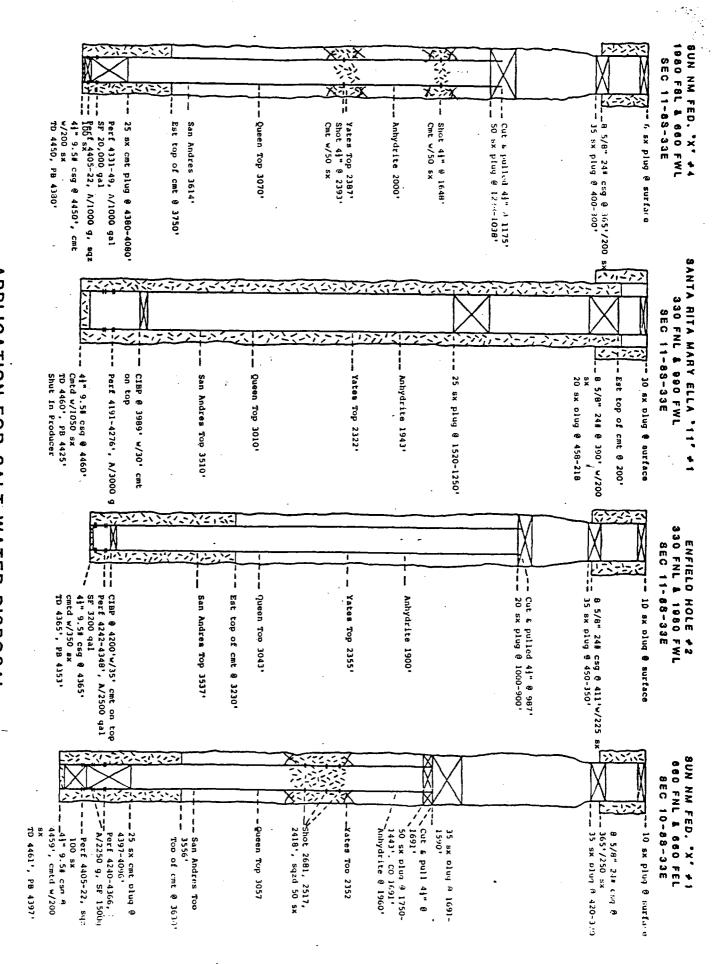
# Cont'd - Yates Petroleum Corporation - Sun UW Federal #2 Application for Salt Water Disposal - C-108 attachment

VII. Data on proposed operation.

- 1. The average daily injection rate will be 200 BWPD and maximum will be 600 BWPD.
- 2. The system will be closed.
- 3. The anticipated average injection pressure is 600 psi and the maximum would be about 1150 psi.
- 4. The injection fluid will be produced water primarily from other San Andres oil producers on this lease.
- 5. This injection system is for disposal of San Andres salt water produced from an oil zone of approximately similar age as the injection interval, but which is no longer capable of commercial oil production in the injection well. This is not a pressure maintenance system. A similar SWD system was permitted in May 1968 by NMOCC Order R-3406.
- VIII. The injection zone is in the San Andres formation with perforations at 4058-4308, a fractured intercrystalline dolomite with an anhydrite cap. The underground source of drinking water in this area is the Ogallala Sands usually 3 to 6 feet thick and occurring at 250-300 feet from the surface.
  - IX. The injection interval in this well has already been acidized and sand fraced. No additional stimulation is planned.
  - X. Subject well has been a producer; well logs and test data were previously submitted to the NMOCD. Copy of log showing perforations is attached.
  - XI. There is only one fresh water well known to be within a mile radius of the proposed injector, and this well is located approximately 500 feet SSE of subject well. However, the well is not producing and is believed to have dried up.
- XII. The applicant has examined all available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any under ground source of drinking water.

SUN NM FED. "X" +2 SUN NM FED. "X" #3 SUN NM FED. "X" +5 1980 FNL & 660 FEL 660 FNL & 1980 FEL 1980 FNL & 1980 FEL SEC 10-85-33E SEC 10-85-33E SEC 10-85-33E - 6 sx plug @ surface 30 sx plug @ surface - 6 sx plug 9 surface \_\_ 8 5/8" 24# csg @ 347'/200 ex - B 5/8" @ 3401/200 sx \_\_ 8 5/8" 24# @ 354'/200 sx 35 sx plug @ 400-300' \_\_ 35 sx plug @ 420-320' . ~ 35 sx plug @ 400-300' Cut & pulled 41" @ 1021' 50 sx cmt plug @ 1070-880' Cut & pulled 4}" @ 1179". Cut & pulled 4} € 1246 > 50 sx cmt plug @ 1179-979¹ 50 sx cmt plug @ 1300-1150' - 7 7/8" hole Shot 1639', sqzd w/50 sx cmt -- Shot 1665', sqzd w/60 sx cmt Shot 1708', cmt w/50 sx -- Anhydrite 1972' - Anhydrite 1972' - Anhydrite 1974' --- Yates Top 2362'
--- Shot 2396', sqzd w/50 sx cmt Yates Top 2354' \_ Yates Top 2354' Shot @ 2410', sqzd w/60 sx cmt Shot 2688', 2426' Cmt w/50 sx \_ Queen Top 3063' → Queen Top 3063' - Queen Top 3067' — San Andres Top 3560' San Andres Top 3564\* San Andres Top 3575' Est top of cmt 3740' Est top of cmt @ 3750° Est top of cmt 3750' -15 sx cmt plug @ 4400-4200' Perf 4243-4356', A/2000 gal CIBP @ 4248' sand frac Perf 4340-57', A/2500 gal Perf 4271-4358', A/2000 gal 25 sx cmt plug @ 4397-4090' sand frac 27,000 gal 4}" 9.5# csg @ 4499° 4}" 9.5# csg @ 4454' 4}" 9.5# csg @ 4447' cmt w/200 sx Cmt.w/200 sx cmt w/200 sx TD 4450, PB 4397' TD 4460', PB 4400' TD 4448', PB 4426'

APPLICATION FOR SALT WATER DISPOSAL
YATES PETROLEUM CORP.
SUN "UW" FED. #2



APPLICATION FOR SALT WATER DISPOSAL YATES PETROLEUM CORP.

SUN "UW" FED.

**\***2

#### AFFIDAVIT OF PUBLICATION

County of Chaves
State of New Mexico,
, R.M. Higginbotham,
manager
Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico, do solemnly swear that the displayed hereto attached was published once a week in the regular and entire issue of said paper and not in a supplement thereof for a period
fone
day weeks
eginning with the issue dated
March 26 19.86
nd ending with the issue dated
March 26 19 86
f.m. Higginbotham
worn and subscribed to before me
his26±h day of
March 19_86
Geor Bar Pottice
Notary Public  Ay commission expires
October 21,087

LEGAL NOTICE

Pursuant to the New Mexico
Oil Conservation Division
Oregulations governing the injection of fluids into a formation, NOTICE is hereby
Petroleum YATES
PETROLEUM YATES
PORATION 207 South atthe
Street Artesia New Mexico
88210 (505) 748-1331 Eddie Mahfood, contact party, proposed to sezio (505) 748-1331, Eddie Mah food, contact party, proposed to food, contact party, proposed to fullize list Sun LW Federal No. 2 will for the disposal of produced waters into the Slaughter zones for the San Andres formations thru perforations 4058-4008. Subject well is located 1650 FNL and 330 FEL of Section 10, T85, R31E; in Chaves County, New Mexico. The proposed maximum injection rate is 400 R33E, in Chaves County, New Mexico. The proposed maximum injection rate is 600 BPD and the proposed maximum injection pressure is 1150 psig.

Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2068, Santa Fe, New Mexico 87501 within 15 days.

87501 within 15 days.

Published in the Roswell Daily Record, Roswell New Mexico, the Chaves County Publication, March 26, 1986

CHAYES

230' FEL & 1650' FM. SUM "UM" FEDERAL #2 VATES PETROLEUM CORPORATION K B 8 FT, ABOVE PERM DATUM Neutron Log etev. x e. 4375.6 GR-CBL(D. Curve) 70 GRRD 4341' 10 APT GHTS/CD 4350

\_

PERATO		Sun "UW" Federal			# "E
2		LEASE 10	8S	33E	
CLL NU	. FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	. ,
Chave	es County, New Mexico			i.e.	خمر ٠
	<b>.</b>		•	-	
0	Schematic	: .	lar Dota		
广		Surface Casing	•		
	<b>⊢</b> ⊚	Size 10.75 "			_8
	214-3/4" hole	TOC surface fe		cmt circula	te
	XX NOTE	Hole size 14-3/4" to	385'		
	\$10.2//U /0.5# 7.55	Intermediate Casing		. ,	
	10-3/4" 40.5# J-55 csg @385' cmtd w/300 sx,	Size"	Cemented with		,
	circ	TOCfe			
	7-7/8" hole	Hole size	_	<del></del>	
	2-3/8" 4.7# J-55 tubing				
	plastic-coated	Size 4½ "			_'
	Queen top 3150	TOC 3425 fe		CBL	
		Hole size	· · · · · · · · · · · · · · · · · · ·		
		Total depth 4397 - PBT	TD 4350		
	Top of cement 3425 San Andres top 3572	Injection interval			
		4058 feet to		feet	
		(perforated or open-hole	, indicate which)	•	
	X X		t w		
		•			
	<b>X</b>				
	×.				
	X X X			• • • • • • • • • • • • • • • • • • •	
	Baker Model AD-1 Tension	packer		•	
M M	Baker Model AD-1 Tension Pf 4058-4199/25 .43" hole	s; 2500g. A; S.Frac 6000		• • • • • • • • • • • • • • • • • • •	
1 1 € 1 € 1 €	₹Pf 4058-4199/25 .43" hole ₹Pf 4219-4308/22 .50" hole	s; 2500g. A; S.Frac 6000			
1 1 € 1 € 1 €	Pf 4058-4199/25 .43" hole	s; 2500g. A; S.Frac 6000			- 1: - :
1 1 € 1 € 1 €	ÈPf 4058-4199/25 .43" hole □Pf 4219-4308/22 .50" hole ₹4½" 9.5# J-55 csg @4397	s; 2500g. A; S.Frac 6000			
	ÈPf 4058-4199/25 .43" hole □Pf 4219-4308/22 .50" hole ₹4½" 9.5# J-55 csg @4397	s; 2500g. A; S.Frac 6000			
	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole ₹4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"	s; 2500g. A; S.Frac 6000			
	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350	s; 2500g. A; S.Frac 6000 s; 3000g. A; S.Frac 4000	00g.	set in	8
ubing :	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350	s; 2500g. A; S.Frac 6000 s; 3000g. A; S.Frac 4000 with	00g.		8
ubing s	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size	s; 2500g. A; S.Frac 6000 s; 3000g. A; S.Frac 4000 with	Og.		a
bing s  Bake	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397  cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size	s; 2500g. A; S.Frac 6000 s; 3000g. A; S.Frac 4000 with	Og.		8
bing s  Bake or descenter Da	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size 2-3/8" lined cribe any other casing-tubing ata	s; 2500g. A; S.Frac 6000s; 3000g. A; S.Frac 4000s; 300	al) ±4010		a
Bake or describer D:	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 24' 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size 2-3/8" lined er Model AD-1 (or equiv.) To (brand and model) cribe any other casing-tubing nta e of the injection formation	s; 2500g. A; S.Frac 6000 s; 3000g. A; S.Frac 4000 with	al) ±4010		8
Bake or describer Daniel Name	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397  cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size 2-3/8" lined  er Model AD-1 (or equiv.) To  (brand and model)  cribe any other casing-tubing  ata  e of the injection formation  e of Field or Pool (if applic	s; 2500g. A; S.Frac 6000 s; 3000g. A; S.Frac 4000 with	al) ±4010		<b>a</b>
Bake or described ther D:  Name  Name  Is	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397  cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size 2-3/8" lined  er Model AD-1 (or equiv.) To  (brand and model)  cribe any other casing-tubing  ata  c of the injection formation  e of Field or Pool (if application and a new well drilled for in	s; 2500g. A; S.Frac 6000 s; 3000g. A; S.Frac 4000 with	al) ±4010 tter)	feet	8
Bake or described ther D:  Name  Name  Is	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397  cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size 2-3/8" lined  er Model AD-1 (or equiv.) To  (brand and model)  cribe any other casing-tubing  ata  e of the injection formation  e of Field or Pool (if applic	s; 2500g. A; S.Frac 6000 s; 3000g. A; S.Frac 4000 with	al) ±4010 tter)	feet	a a
Bake or describer Da Name . Name . Is	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size	s; 2500g. A; S.Frac 6000s; 3000g. A; S.Frac 4000s; 300	al) ±4010 Ater)  7 No was drilled as	oil well	
Bake or describer Da Name . Name . Is	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size	s; 2500g. A; S.Frac 6000s; 3000g. A; S.Frac 4000s; 300	al) ±4010  Ater)  Was drilled as  List all such perf	oil well	
Bake or describer Da Name . Name . Is	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size	s; 2500g. A; S.Frac 6000s; 3000g. A; S.Frac 4000s; 300	al) ±4010  Ater)  Was drilled as  List all such perf	oil well	
ubing s Bake or desc ther Da Name Is	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size	s; 2500g. A; S.Frac 6000s; 3000g. A; S.Frac 4000s; 300	al) ±4010  Ater)  Was drilled as  List all such perf	oil well	
ubing s  Bake or desc ther Da  Name Is s  If s	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size 2-3/8" lined cribe any other casing-tubing ata c of the injection formation e of field or Pool (if applications and model) this a new well drilled for it no, for what purpose was the the well ever been perforate give plugging detail (sacks)	s; 2500g. A; S.Frac 6000 s; 3000g. A; S.Frac 4000 s; 3000g. A; S.Frac 4000 s; 3000g. A; S.Frac 4000 s; 3000g. A; S.Frac 6000 material (material (m	al) ±4010  Ater)  Was drilled as  List all such perf s) used) no	oil well	rve
ubing s  Bake or desc ther Da  Name If the last and	Pf 4058-4199/25 .43" hole Pf 4219-4308/22 .50" hole 4½" 9.5# J-55 csg @4397 cmtd w/225 sx C1 "C"  TD 4397, PBTD 4350  size	s; 2500g. A; S.Frac 6000s; 3000g. A; S.Frac 4000s; 300	al) ±4010  Atter)  Was drilled as  List all such perf s) used) no	oil well forsted inter	rve

7. Date of Delivery  8. Addressee's Address (ONLY if requested apply 55 paid)	Iways obtain signature of addresses or agent ATE DELIVERED.  Signature - Addresses	4. Type of Service: Article Number: 4. Construction Number: 4. Construction P 553 355 500 Construction Number: 4. Construction	3, Aricle Addressed to: Union Oil Co. ATT: Linda Hicks, Landman PO Box 671 Midland, TX 79702	1. Show to whom, dea and address of delivery. 2. Restricted Delivery.	ess in the "RETURN TO allure to do this will pred to you. The return rece of the person delivered tedditional fees the follow suit postmatter for fees requested.	SENDER: Complete items 1, 2, 3 and 4.
---	--	--	--	---	---	---------------------------------------

STIC RETURN RECFI	DOME	g F \$ 60%	97	8-744 E861 ylul, 1186 m107 2º
7. Date of Delivery (ONLX) recognized and fee paid)  Re: Sum UW	in libe	4. Type of Services Article Number  Contribution COD  Express Mail  Article Number  P 553-355-499	3. Article Addressed to: ARCO - Permian District Office ATTN: Land Manager PO: Box 1610 Midland, TX 79702	Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.  1. Show to whom, date and address of delivery.  2. Restricted Delivery.

BEFORE EXAMINER STOCKER
Oil Conservation Division
Sees Exhibit No. 2
Case No. 2663

ं