

BRUCE KING

GOVERNOR

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

8-12-92

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

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

Jud 488

RE: Proposed:

MC		
DHC		 
NSL <sup>-</sup>	·····	 
NSP <sup>-</sup>		
SWD	X	 
WFX <sup>—</sup>		 
PMX <sup></sup>	****** <u>*</u>	 

Gentlemen:

 $G \mathcal{U}$ 

I have examined the application for the:

Vater Well \$0. Unit S-T-R Lease &

and my recommendations are as follows:

Yours very truly,

Jerry Sexton Supervisor, District 1

/ed

BTATE LAND OFFICE HUILDING SANTA FE, NEW MEARCO 87501

•		BTATE LAND OF FICE HUNDING					
	APPLIC	APPLICATION FOR AUTHORIZATION TO INJECT					
	Ι.	Purpose: Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? Xyes Ono					
	11.	Operator:Yates Petroleum Corporation					
		Address: 105 S. 4th Str.					
		Contact party:Chuck MorganPhone:(505)748-1471					
	· 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					
	۷.	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.					
i.	* 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:					
		<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and</li> <li>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.).</li> </ol>					
i	*VIII.	Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thicknass, 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: Title P.E.					
		Signature: Church Maya Date: August 3, 1992					
·	submi	e information required under Sections VI, VIII, X, and XI above has been previously tted, it need not be duplicated and resubmitted. Please show the date and circumstance e earlier submittal.					
•							

:.

. 2

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

AUG 1 1 1992

Xan Korres

- The following well date must be submitted for each injection well covered by this applicatio. The data must be both in tabular and schematic form and shall include:
  - 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 2008, 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.

406 1 1 1992

#### C-108 Application For Authorization To Inject Yates Petroleum Corporation Chalupa "AAD" State #4 M 13-14S-33E Lea County, New Mexico

I. The purpose of completing this well is to make a disposal well for produced Bough water into the Bough and Canyon.

Yates Petroleum plans to convert this well to a water disposal well into the Bough and Canyon.

- II. Operator: Yates Petroleum Corporation South Fourth Street Artesia, NM 88210 Chuck Morgan (505) 748-1471
- , III. Well Data: See Attachment A
- IV. This is not an expansion of an existing project.
- V. See attached map, Attachment B
- VI. No wells within the area of review penetrate the proposed injection zone. (See Attachment C.)
- VII. 1. Proposed average daily injection volume approxi-3000 BWPD. Maximum daily injection volume approximately 5000 BWPD.
  - 2. This will be a closed system.
  - 3. Proposed average injection pressure-unknown. Proposed maximum injection pressure--1975 psi.
  - 4. Sources of injected water would be produced water from the Bough. (See Attachment D.)
  - 5. See Attachment D.
- VIII. 1. The proposed injection interval is the portion of the Bough and Canyon formations consisting of porous Lime and Dolomite from estimated depths of 9888' to 10,550'.
  - 2. Fresh water zones overlie the proposed injection formations in the Ogollala at approximately 250' and possibly the Chinlee which immediately underlies the Ogollala. Thereare no unknown fresh water zones underlying the formation.
- IX. The proposed disposal interval may be acidized with 7-1/2% or 15% HCL acid.
- X. Logs were filed at your office when the well was drilled in 1986.

#### C-108 Application for Authorization to Inject Chalupa AAD State #4 -2-

- XI. No windmills exist within a one mile radius of the subject location.
- XII. Yates Petroleum Corporation has examined geologic and engineering data. No evidence of open faults or any other hydrologic connections between the disposal zone and any underground fresh water aquifers have been found.
- XIII. Proof of Notice:
  - A. Certified letters sent to the surface owner and offset operators-attached. (Attachment E)
  - B. Copy of legal advertisement attached. (Attachment F)
- XIV. Certification is signed.

Yates Petroleum Corporation Chalupa "AAD" State #4 M 13-14S-33E Lea County, New Mexico

#### Attachment A Page 1

#### III. Well Data

.'

- A. 1. Lease Name/Location: Chalupa "AAD" State #4 M 13-14S-33E 330' FSL & 330' FWL
  - 2. Casing Strings:
    - a. Present Well Condition
      - 13-3/8" 54.5# @ 465' w/450 sx (circ) 8-5/8" 32# @ 4225' w/1000 sx (circ) 5-1/2" 17# @ 10175' w/1075 sx (TÓC 6800')

      - 2-7/8" tubing @ 9801'

Present TD: 10209' PBTD: 9980'

- 3. Proposed well condition: Casing same as above 2-7/8" 6.5 N80 plastic-coated injection tubing @ 9780'
- 4. Propose to use Guiberson or Baker plastic-coated or nickel-plated packer set at 9780'.
- B. 1. Injection Formation: Bough and Canyon
  - 2. Injection Interval will be through perforations from approximately 9888-10,010' and open hole from 10,135-10,550'.
  - 3. Well was originally drilled as an exploratory Bough oil well. Well will be Bough and Canyon water disposal well when work is completed.
  - 4. Perforations:
    - a. 9888-9912'
    - b. 9929-9957' Permo Penn
    - c. 10002-10024' Squ. 75 sx
    - d. 10002-10010' Re-perforated
    - e. 10057-10066' Squ. 60 sx
    - 5. Next higher (shallower) oil or gas zone within 2 miles--Wolfcamp Next lower (deeper) oil or gas zone within 1/2 mile--None.

ava ( ) 1992

RT CENTO

SON HORDS OFFICE

## ATTACHMENT A YATES PETROLEUM CORPORATION CHALUPA AAD STATE #4 PROPOSED SALT WATER DISPOSAL WELL M 13-T14S-R33E LEA COUNTY, NEW MEXICO



AUD L 1901 OCD HOB35 STUT

MERNED

ALTO SA LIDEST LIDEST LIDEST LIDEST LIDEST VALUE	- Crimento Guito - Crimento - Contra -	B-339 / Gur Dunings st Start Start Start Start Start Start Start Start Start Start Start Start Start Start Start Start Start S	Store	Testing 7 114 Star South Star Star Star Star Star Star Star Star		Phillips TDH,000 D/Ald+14- \$ <sup>1-8</sup>
ater Fet, Carson Pris (Sincial) ABK' Pyro-Sb' merican Espl33 (Philips) Sapplice FLowless July (-3138 W.M. (	1 A marca and a constraint of the second and a constraint of t	Ginespie	4.8v B-10076 Bv -1 36 •2	Tunk T 31 Octor Peters Tunk T 31 Octor Peters V-3119 Tunk T 31 Octor Peters Viling Peters V	Amore Store Weight Store Wight Store Weight Store Weight Store Weight Store Weight Store Weight Store	Hi Sun NM-SI TO 1050 Su. Su.
Star M. Stars Star M. Stars To icoo Liberty Nat/I. BK.Tr. 24 diana Jacob Liberty Nat/I. BK.Tr. 24 diana	Store IPET, etal TDA, BOD DANSIDEST V-644		W.M. St. No.2	Sherte d/J3A-41400774 31 40.944 40 400 40 1 Enron IT.H. Perform 2 - 1 - 93 McConnet 1 - 140 - 5 4 312 - 73 - 192 83 240 7 - 193 4 - 200 7 - 193 4 - 200	Store Trans July An Maria Hadde Trans July An Maria Hadde Trans July An Maria Hadde Trans July An Hadde Trans	Stale Stale Yates Pe 8-13-2 4-6-2 Yates Pe 8-1-2 Yates Pe 8-1-2 Yates Pe 8-1-2 Yates Pe
	Petrik uwm 4.vk Dowe-sti Pelonasti "Dave-sti" Plas Plas Petri B-9380 Petri Cove-sti Para Petri Cove-sti Plas Petri Cove-sti Plas Plas Petri Cove-sti Plas	holoore Lazy 15t" 2 Huber - St" (Amerada) Villed aner Pise 2426 Tableo Villed aner Villed aner Amerada St State	Skelly William Sonders To 1657 Trey L. Fert, S LMI. Ekally And State	7.0916 A T.H.M.Connell 2.1.93 3.2.43 5.32.43 7.092 t U.S., MI Iray C. forf, S.Mi.	Votes Penetal Vie 9921 lower 2692 Vie 5 - 5000 Vie 30 Vie	A 1900 - 195 31 Com Yomes Pete 33 Com Yomes Pete 33 Com Yomes Pete 33 Com 14 34 Com 54 Com
• <sup>1-E</sup> Sigmar (M.F.Lawi258, 3/4) • 2-E	3 (Mobil) Sigmar LG:2265 LG:26/2 Votes Pet 4 4	Sindar 3: WA Sindar 3: WA Si	LG-2359	# NK         T.H.Mc.Conneil           Enron         T · I · 92           2 · I · 93         53243           54312         53243           July         T	Yatti Exxon Pct,ctvil 9 · 1 · 35 9 · 1 · 35 V · 3424 V · 3425 1835 Jon Confusion (, ) 1835 Jon Confusi	Lario
Boum St." areck Kessel amerge Gulf 	$ \begin{array}{c} = \underbrace{457}_{\text{5.cm}} = \underbrace{10}_{\text{5.cm}} \underbrace$	Yortes Tahee Pet to bass' J.M. Huber 10,276 Jahee St. V.684 Texucor Superior St. J. Huber	12 2-AAU Harris-St. <sup>m</sup> D. Fasken Pan Am. St 1 1-AAU Start T0 355	7.1.991 7 T.H.Mc Connell T.J. 192 Enron 53243 Erron 1.1.92 2.091 4 1.1.92 1.1.9	A Contraction of the second of	Coronado Exol.   HBP LG-1921   LG-1921   LG-19
narocci in Frageso Harrison Barrison Barrison Vartell P235	H-Y 1 15 - DIA 8-8-54 P276 VAA100 B-9505 JEAUSE	<sup>9</sup> Texaco 8 8 9560 Pios <sup>64</sup> <sup>586</sup> 6	PI75 LG-2414 "AAD"	2002, E 1-9120 L 0.9120 Z 104 71 612 85 Midwest - St. 100,85-30-64 18	2 (J.H. 9 Hendrik) FS77 Breck Oper 10 FS77 Breck Oper A" (Pufe) FS77 Breck Oper A" (Pufe) FS77 FS70 FS70 FS70 FS70 FS70 FS70 FS70 FS70 FS70 FS77 FS70	Breck Oper. State /Union e f374 Pure - S
P225 BVF	<b>JD</b> 15	- 14	13 Tidewater-St 10 10,679 D/A 5-4-62	Trade 3 10		Konser-Tre
12000 Marzano Marzano 1922 ACT-8 2449 8-1033 La-3224 289 8-001 8-101 289 1-01 1-01 201		**************************************	D/A 5'.4-62 • 2 • Chalupa St." • Stote	ини I Хли I	(Kernica) 17 (Kernica) Breck Open (Pure) 	Justice Ustice New M. J.Hi Mo D/A. Mobil-St.
atona Manusan Manzana 19720 - Manzana 19720 - Manzana 19720 - Manzana 1972 - Manzana 189 Japa State 287 Japa State 1973 - Ale 281 - Mars 1973 - Ale 281 - Mars 1973 - Ale 281 - Mars 1973 - State Pt. 1974 - State State 1974 - State State 1975 - State State 1976 - State State State 1976 - State Stat	9 "NM5%" 14 3 F355 State 11 Texaco 7 F480 B-9385 10 "AN"12 B	P229 Stat (America) E-207 C.B. Gillespictor 132	°Chalupa St."	Store           Yarse Pet, etul           Yarse           Yarse <td< td=""><td>ates [Skelly] ates [Skelly] Perco f. BBL) Store ates [Skelly] Petco f. BBL) (PETCo f. BBL) Store ates [Skelly] Haric Inc. Petco f. BL (Petco f. BBL) Construction (BL) Do Petco f. BL (Petco f. BBL) (Petco f.</td><td>Justice <sup>1</sup> LG <sup>2</sup>New M J.Hi Mo D/A</td></td<>	ates [Skelly] ates [Skelly] Perco f. BBL) Store ates [Skelly] Petco f. BBL) (PETCo f. BBL) Store ates [Skelly] Haric Inc. Petco f. BL (Petco f. BBL) Construction (BL) Do Petco f. BL (Petco f. BBL) (Petco f.	Justice <sup>1</sup> LG <sup>2</sup> New M J.Hi Mo D/A
acces Menusina Manzana 1972 Biografi Laszta 1989 J. pros State 2007 Part of the state 1989 J. pros State 1987 J. pros Sta	9 "NM5k" 14 3 F 355 Stote 11 Texeco 7 F480 9 F480 9 F138 8 22 3 2 5	P229 Sta (America) E-207 C.B. Gillespictor	•2 ************************************	Tinte I Store Yotes Pet, etal 7.1.96 VA-427 Janee C.B. Read	Pen Dix E 6340 Petro C & BBL) Store ates Iskely, Petro I, Maric Inc. 1.66 9 91.96 G1331 Yates Valor Actor	Justice • LG • New M. J.Hi Mobil-St Enron 5 4 312
Access         Manusano         Manusano           1	3         WM54."         14         3           P 355         Store         1         4         3           H         Texaco         1         9         9           9         B-9385         10         *AN,"         8           10         *AN,"         8         22         3         2         5           1         Trace         Trace         Trace         1         7         1         5           1         Trace         State         Trace         1 <td>P229 State (America) E-207 C.B. Gillespictor F132 2 2 F144 1 3</td> <td>•2 •4 "Chalupa St." Store Yates It., stol 12.1.1 3.1.93 LH:23 LH:23 24 Store YatesPer, etal 24 Store YatesPer, etal 24 Store S</td> <td>Store           Ydries Pet, etul           Ydries Pet, etul<td> P-m Dix E - 6340 F-1172 (PETCO F. BBL)</td><td>Justice 1 • LG *New M. J.Hi 4: TOU 4: TOU 5: TOU</td></td>	P229 State (America) E-207 C.B. Gillespictor F132 2 2 F144 1 3	•2 •4 "Chalupa St." Store Yates It., stol 12.1.1 3.1.93 LH:23 LH:23 24 Store YatesPer, etal 24 Store YatesPer, etal 24 Store S	Store           Ydries Pet, etul           Ydries Pet, etul <td> P-m Dix E - 6340 F-1172 (PETCO F. BBL)</td> <td>Justice 1 • LG *New M. J.Hi 4: TOU 4: TOU 5: TOU</td>	P-m Dix E - 6340 F-1172 (PETCO F. BBL)	Justice 1 • LG *New M. J.Hi 4: TOU 4: TOU 5: TOU
Access   Manusing         Marsang           Access   Manusing         Lide 314           Access   Lide 314         Access   Lide 314           Access   Lide 314         Access   Lide 314           Access   Lide 314         Second 314	3         WM54."         14         3           F 355         Store         1         4         3           H         Texaco         1         9         9           9         B-9385         10         AN"         8           10         AN"         8         9         3           22         3         2         5         7           1         1.31         (tAN)         6         7.4           Texac (et.)         Store         3         7           0         AN, *         8         8         7           1         Store         7         7         8           22         3         7         7         8           1         Store         7         7         8           0         Store         3         7         7           0         Store         3         7         8         7           0         Store         3         7         7         7         7           0         Store         Store         3         7         7         7         7           0         Store	P229 State S (America) E-207 C.B. Gillespictor S J'' F132 2 State F244 I J <sup>3</sup> F446 I J <sup>3</sup> F47 F47 F47 F47 F47 F47 F47 F47	•2 •4 "Chalupa St." Store Yates Pet, etal 3 - 1 - 24 	Store           Ydries Pet, etul           Ydries Pet, etul <td></td> <td>Justice 1 • LG *New M. J.Hi 4: TOU 4: TOU 5: TOU</td>		Justice 1 • LG *New M. J.Hi 4: TOU 4: TOU 5: TOU
Access         Manuson         Manuson           Access         Access         Leaste           Access         Leaste         Leaste           Access         Liberty Nath.Bk.Tr.         Liberty Nath.Bk.Tr.           Store         Liberty Nath.Bk.Tr.         Store           Store         Liberty Nath.Bk.Tr.         Liberty Nath.Bk.Tr.           Access         Access         Liberty Nath.Bk.Tr.           Store         Liberty	3         WM54."         14         3           P 355         Store         1         4         3           H         Texaco         1         9         9           P 360         B-9385         10         AN,"         8           10         "AN,"         8         22         3         2         5           14         Trace         Trace         Trace         7         14         3           15         Colorado         3         2         5         7         16         7         16         16         16         16         14         7         16         17         16	P229 Stat S (America) E-2007 C.B. Gillespicture F132 23 2 6 F144 1 3 rsta State 1 3 rsta State 1 4 1 3 rsta State 1 4 1 3 rsta State 1 4 1 4 1 3 rsta State 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4	•2 •4 •Chalupa St." Store Vates I.t., etal Vates Peter 3 - 1: 93 LH: 23 24 Store Vates Peter Store Vates Peter Store Vates Peter Store Vates Peter Store Store Vates Peter Store Vates Peter Store	Zinue         Storte           Ystes Pet, etul         Yales Pet, etul           Yales Pet, etul         Yales Pet, etul           Ya		Justice 1 LG 1 LG 1 Mew M. J.Hi 4 104. Mobil-St. Enron 5 4 312 1 2 1. 53 5 4 312 1 5 5 Columbia 8. 1. 9. 1.
Access         Manuson         Manuson           1	3         WM54."         14         3           P 355         State         1         14         3           P 355         State         1         9         14         3           P 355         State         1         9         14         3           P 355         State         1         9         9         14         3           P 355         State         9	P229 State (America) E-207 C.B. Gillespicture F132 23 2 6 F144 ' 3 rsta State '************************************	•2 •4 "Chalupa St." Store Vates I.t., stol Vates Pet, stol 24 24 Store Vates Pet, stol 24 Store Vates Pet, stol 34:232 43:32 43:32 43:32 43:32 5tore Vates Pet, stol 34:232 43:32 5tore Vates Pet, stol 34:232 43:32 5tore Peterry, S.E.Mins. Chevron H & P B-10363 Vates Store Vates Store	Zinu         I           Store         Yiries Pet, chill           Ta. 425         Ta. 425           Ta. 425         Sore Si           Ta. 426         Sore Si           Ta. 427         Sore Si           Ta. 427         Sore Si           Ta. 427 <t< td=""><td></td><td>Justice 1 LG *New M. J.Hi Wobi-sh. Mobil-sh. Enron 5 4 312 2 1. 93 5 4 312 U.S San Son DJA Calumbia V.J.Li V.S Calumbia V.J.Li V.S V.S V.S V.S V.S V.S V.S V.S</td></t<>		Justice 1 LG *New M. J.Hi Wobi-sh. Mobil-sh. Enron 5 4 312 2 1. 93 5 4 312 U.S San Son DJA Calumbia V.J.Li V.S Calumbia V.J.Li V.S V.S V.S V.S V.S V.S V.S V.S

## **YATES PETROLEUM CORPORATION**

## CHALUPA "AAD" STATE #4

PROPOSED SALT WATER DISPOSAL WELL

330'FSL & 330'FWL SEC 13-T14S-R33E LEA COUNTY, NEW MEXICO

. · ·

## ATTACHMENT B

ATTACHMENT C

•

Chalupa AAD State #4 Form C-108 Tabulation of Data on Wells Within Area of Review

Completion Information	13-3/8" @ 450' w/450 sx 8-5/8" @ 4242' w/1270 sx 5-1/2" @ 10,202' w/2230 sx 2-7/8" tbg @ 9728'	13-3/8" @ 450' w/450 sx 8-5/8" @ 4250' w/1750 sx 5-1/2" @ 10,197' w/1500 sx 2-7/8" tbg @ 10,056'	12-3/8" @ 524' w/600 sx 8-5/8" @ 4189' w/2500 sx 5-1/2" @ 10,100' w/2250 sx 2-3/8" tbg @ 9785'	11-3/4" @ 1730' w/1947 sx 8-5/8" @ 4200' w/1750 sx 5-1/2" @ 10,100' w/1857 sx 2-7/8" tbg @ 10,100'
Perforations	9821-9892'	9986-10,044'	9814-9988'	9783-9953'
Producing <u>Zone</u>	Permo Penn	Permo Penn	Permo Penn	Permo Penn
Total <u>Depth</u>	10,202'	10,197'	10,100	10,100'
Completed	10/28/84	3/11/85	9/26/85	4/15/87
Spud	8/2/84	12/2/84	8/1/85	3/10/87
Type	Oil	Oil	Oi	0ii
Operator	YPC	YPC	Texaco	Texaco
Well Name	Chalupa AAD State #1 E 13-14S-33E	Chalupa AAD State #2 L 13-14S-33E	New Mexico BG State NCT-1 #7 L 14-14S-33E	New Mexico BG State NCT-1 #10 O 14-14S-33E

1343-4		IVISION LAGORATORY		
•	MIDLA	RTON SERVICES	•	
	LABORATORY	EN MEXICO 88210 WATER ANALYSIS	No. W196-	-87
To Billy Horner		Date	October	13, 1987
Yates Petroleu	m Corporation	This report is the pro	perty of Halliburton	Commendation into
105 South Four	th Street	of laboratory manage	first securing the ex	company and neither eaf is to be published press written approval ever, be used in the
Artesia, NM 88	3210	course of require bus	Liness coercilions has	any person or concern port from Halliburton
Submitted by		Dote Po	ec October	. 12 1087
Well No. Chalupa #4	Depth	Formati	00	
County	Field	Source_		
· · · · · · · · · · · · · · · · · · ·				
Resistivity	0.29 @ 70°			
рН	7.8			
Calcium (Ca)	1 050			*MPL
Viagnesium (Mg)				^MPL
Chlorides (Cl)	13,500			· · ·
Sulfates (SO_)		-	•	· · ·
Bicarbonates (HCO3)				
Soluble Iron (Fe)	Nil		· · ··································	•
	<u>```</u>			
·····		-	· ****	
· · · · · · · · · · · · · · · · · · ·		-		
emarks:			*Milliora	ms per liter
	$\sim \square$	•	Winigro	ins per mer
	K. D.	$\cap$	7	
	1 10 chip	hampen		
nolyst <u>Rocky Chambers</u>		or HALLIBURTO	N COMPANY	
• •	· · · ·	· ·		

NDTIDE This report is limited to the described sample tested. Any user of this report agrees that Halliburtan shall not be liable for any less andomage, whether it has to act or amission, resulting from such report or its use.

AUG <u>1</u> 1992

## ATTACHMENT E

÷ •

..

. •

, in ...

NON MORIS OFFICE

AUG <u>1</u> <u>1</u> 1992

RECEIVED

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471 S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

August 3, 1992

#### CERTIFIED RETURN RECEIPT

Texaco USA P. O. Box 2100 Denver, CO 80201

Dear Sir:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates' Chalupa AAD State #4 located in Unit M of Section 13-T14S-R33E.

Should you have any questions, please feel free to contact me at (505) 748-1471.

Sincerely,

Chuck Maga

Chuck Morgan Engineer

CM/sj

Enclosure

800 M0935 050-

AUG 1 1 1992

RECEIVED

۲

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471 S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

August 3, 1992

## CERTIFIED RETURN RECEIPT

Amerada Hess Corporation P. O. Box 840 Seminole, TX 79360

Dear Sir:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates' Chalupa AAD State #4 located in Unit M of Section 13-T14S-R33E.

Should you have any questions, please feel free to contact me at (505) 748-1471.

Sincerely,

Chuck Morgan

Chuck Morgan Engineer

CM/sj

Enclosure

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471 S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

August 3, 1992

### CERTIFIED RETURN RECEIPT

Charles B. Gillespie P. O. Box 8 Midland, TX 79702

Dear Sir:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates' Chalupa AAD State #4 located in Unit M of Section 13-T14S-R33E.

Should you have any questions, please feel free to contact me at (505) 748-1471.

Sincerely,

Church Morga

Chuck Morgan <sup>2</sup> Engineer

CM/sj

Enclosure

AECEIVED AUN 1-1-1992 OCD MOBBS DEVICE

#### Attachment F

#### Legal Notice

Yates Petroleum Corporation, 105 South Fourth Street, Artesia, NM 88210, has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for an injection well. The proposed well, the "Chalupa AAD State #4" located 330' FSL & 330' FWL of Section 13, Township 14 South, Range 33 East of Lea County, New Mexico, will be used for saltwater disposal. Disposal waters from the Bough will be re-injected into the Bough and Canyon at a depth of 9888-10550 feet with a maximum pressure of 1975 psi and a maximum rate of 5000 BWPD.

All interested parties opposing the aforementioned must file objections or requests for a hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, NM 87501, within 15 days. Additional information can be obtained by contacting Chuck Morgan at (505) 748-1471.

.

AUG 1 1 1992

NON MOBBS OFFICE

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471 S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

August 3, 1992

Hobbs News Sun 201 North Thorp Hobbs, NM 88240

Gentlemen,

Yates Petroleum Corporation desires to place a public notice in your newspaper for one day. The notice is enclosed.

Please place this notice in your paper Friday, August 7, 1992 and forward a copy of it along with your billing as soon as possible to:

Yates Petroleum Corporation 105 S. 4th Street Artesia, NM 88210 Attn: Chuck Morgan

If you have any questions, please contact me at 748-1471, Ext. 198. Thank you for your cooperation in this matter.

Sincerely,

Chuck Monga

Chuck Morgan P.E.

CM/sj

Enclosure

# RECEIVED AUG 1 1 1992

•