	-1 -100 102	GO-GO IN THIED ENGINEER	AING PHA N	10. 1505/484585	P. 02/02
DATE N	N/2-22-08 SUSPEN	is! Engineer	LOGGED IN 12-22	YPESWD) PIG	0935656296
		NEW MEXICO OIL CO - Engineer	NSERVATION DIVI Ing Bureau - Orive, Santa Fe, NM 875	I 198 ISION 05	Yates Pet, Co
		ADMINISTRATIVE	APPLICATION	CHECKLIST	d
7	THIS CHECKLIST IS M	INDATORY FOR ALL ADMINISTRAT	IVE APPLICATIONS FOR EXCE ESSING AT THE DIVISION LEVE		ES AND REGULATIONS
Appli	(DHC-Dow [PC-Pa	iii: indard Location] [NSP-Non-S inhole Commingling] [CTB iol Commingling] [OLS - O [WFX-Waterflood Expansion	itandard Proration Unit] -Lease Commingling] ff-Lease Storage] [OL] [PMX-Pressure Mair sal] [IPI-In]ection Pres	[SD-Simultaneous [[PLC-Pool/Lease Cor .M-Off-Lease Measur ntenance Expansion] ssure Increase]	mmingling] ement]
[1]	TYPE OF AF	PLICATION - Check Those Location - Spacing Unit - S NSL NSP			STATE #5- -025-3/644
	Check [B]	One Only for [B] or [C] Commingling - Storage - M DHC CTB	feasurement PLC PC	OLS OLM	Jute #10 30-025 36001 Tus SwD #12
	[C]	Injection - Disposal - Press	ure Increase - Enhanced (SWD IPI I	Oil Recovery La	Tus SWD 4/2 30-025-377
	[D]	Other: Specify			
[2]	NOTIFICAT [A]	ION REQUIRED TO: - Che			ly
	[B]	X Offset Operators, Lease	holders or Surface Owne	er	
	[C]	X Application is One Which	h Requires Published Le	gal Notice	
	[D]	Notification and/or Co	ncurrent Approval by BI - Commissioner of Public Lands, State	-M or SLO - Laind Office	
	[E]	For all of the above, Pr	roof of Notification or Pu	blication is Attached	, and/or,
	[F]	☐ Waivers are Attached			
[3]		CURATE AND COMPLET ATION INDICATED ABOV		QUIRED TO PRO	CESS THE TYPE
[4] approapplic	val is accurate a	FION: I hereby certify that the nd complete to the best of my quired information and notific	knowledge. I also unde	rstand that no action	for administrative will be taken on this
	Nate:	Statement must be completed by	an ladividual with manageria	l and/or supervisory cap	acity.
	rethe Hotter	Mankle	Ar HILLER Ar	ea Engineer	12/22/09
Print c	or Type Name	zignatur#	Title	;	Date

mhotter@yatespetroleumcom e-mail Address

MARTIN YATES, III

FRANK W. YATES 1936-1986

> S.P. YATES 1914-2008



JOHN A. YATES
CHAIRMAN OF THE BOARD
PRESIDENT

JOHN A. YATES JR.
ASSISTANT TO THE PRESIDENT

JAMES S. BROWN CHIEF OPERATING OFFICER

105 SOUTH FOURTH STR 2019 DEC 18 PM 2 33 JOHN D. PERINI ARTESIA, NEW MEXICO 88210-2118 PM 2 33 JOHN D. PERINI TELEPHONE (575) 748-1471

December 17, 2009

Will Jones State of New Mexico Oil Conservation Division 1220 S. Saint Francis Drive Santa Fe, NM 87505

Re Lotus SWD #12 Kiwi SWD #5 Kiwi SWD #10

Dear Sirs:

Enclosed please find copies of form C-108 (Application for Authority to Inject) on said wells located in Lea County, New Mexico.

If you have any questions or need additional information, please call me at (575) 748-4361.

Sincerely,

Debbie Chavez

Engineering Technician

C-108 Application for Authorization to Inject Yates Petroleum Corporation Lotus SWD #12

Unit B, 330' FNL & 2310' FEL, Sec. 32, T22S, R32E Lea County, New Mexico

I. The purpose of completing this well is to make a disposal well for produced Delaware Sand water into the Delaware Sand formation.

Yates Petroleum Corporation plans to convert this well to a water disposal well into the Delaware Sand.

II. Operator:

Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210

Margrethe Hotter (505) 748-4165

III. Well Data:

See Attachment A

- IV. This is not an expansion of an existing project.
- V. See attached map, Attachment B.
- VI. There are 4 wells within the area of review that penetrate the proposed injection zone (See Attachment C).
- VII. 1. Proposed average daily injection volume approximately 2500 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 1150 psi.
 - 4. Sources of injected water would be produced water from the Delaware Sand. (Attachment D)
- VIII. 1. The proposed injection interval is the portion of the Delaware Sand formation consisting of porous Sandstone from 5750'-6500'.

- 2. Possible Fresh water zones overlie the proposed injection formations at depths to approximately 850' or less. There are no fresh water zones underlying the formation.
- IX. The proposed disposal interval may be acidized with 7-1/2% HCL acid, or proppant fractured.
- X. Logs were filed at your office when the well was drilled.
- XI. There are no windmills within a one-mile radius of the subject location.
- XII. Yates Petroleum Corporation has examined geologic and engineering data and has found that there is no evidence of faulting in the proposed interval. (Attachment G)
- 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 Lotus SWD #12 B-32-T22S-R32E Lea County, New Mexico

Attachment A

111	Well Data
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A. 1. Lease Name/Location Lotus SWD #12 (Prev. Lotus ALT St #12) B-32-T22S-R32E 330' FNL & 2310' FEL

2. Casing Strings:

a. Present well condition
13 3/8", 48# H-40 @ 865' w/865 sx (circ)
8 5/8", 24# & 32# J-55 @ 4,527' w/1310 sx (circ).
5 ½", 15.5# &17# @ 8,600' w/DV tool @ 6,207'.
Stage 1: 800sx (circ)
Stage 2: 450sx (TOC @ 2760 est)

b. Present Status:

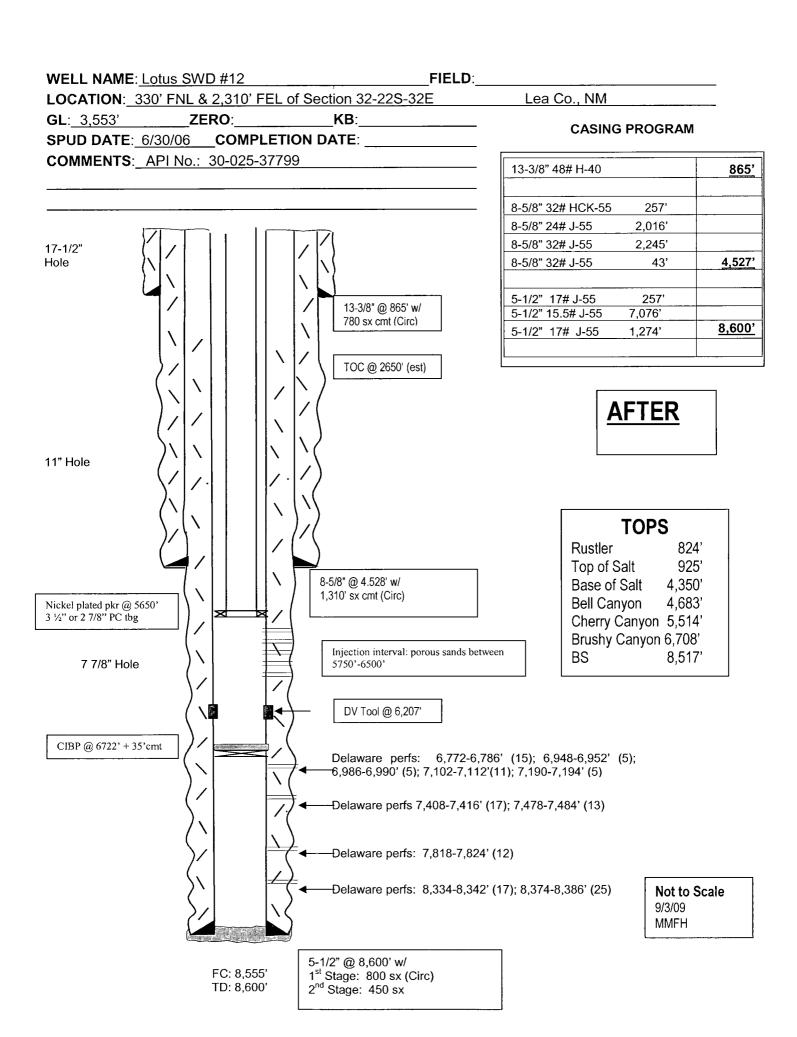
Non-commercial completion in Delaware at 6772'-6786', 6948'-6952', 6986'-6990', 7102'-7112', 7190'-7194', 7408'-7484', 7818'-7824', 8334'-8386'

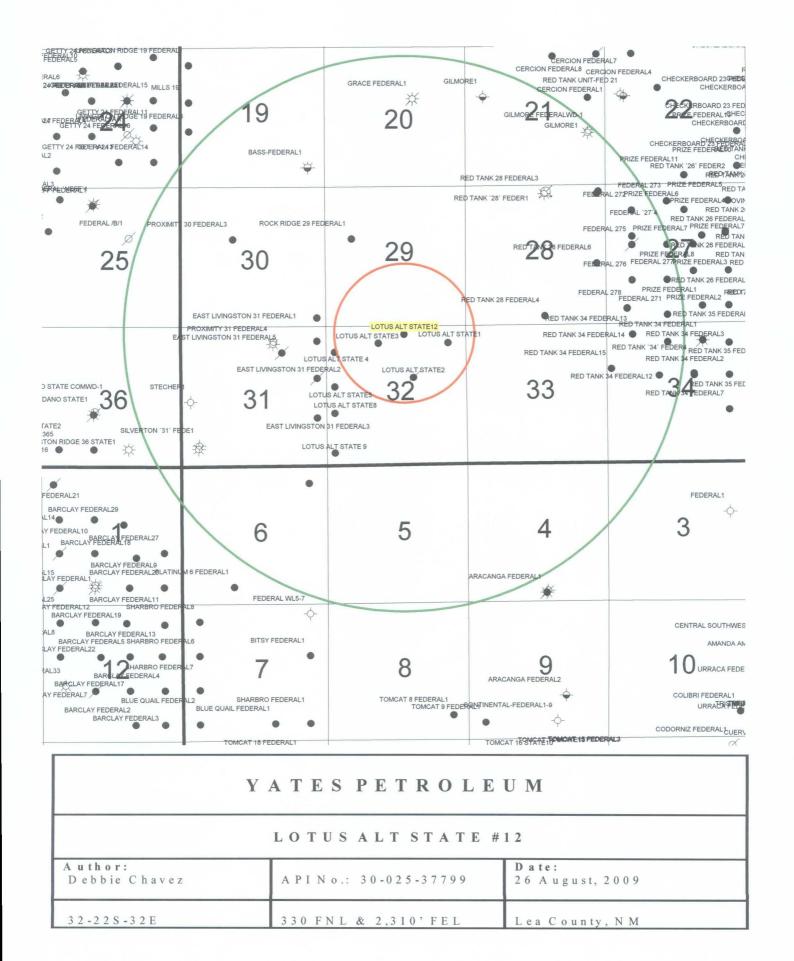
3. Proposed well condition:
Casing same as above.
CIBP @ 6722' and cap with 35' cement.
3 ½" 9.3 J55 or 2-7/8" 6.5 J55 plastic-coated injection tubing @ 5650'

- 4. Propose to use Guiberson or Baker plastic-coated or nickel-plated packer set at 5650'.
- B. 1. Injection Formation: Delaware Sands
 - 2. Injection Interval will be through perforations from approximately 5750'-6500' gross interval.
 - 3. Well was originally drilled as a Delaware oil well. Well will be a Delaware water disposal well when work is completed.
 - 4. Perforations: High porosity sands between 5750'-6500'.
 - 5. Next higher (shallower) oil or gas zone within 2 miles-None.

 Next lower (deeper) oil or gas zone within 2 miles- Brushy Canyon

FIELD: WELL NAME: Lotus SWD #12 **LOCATION**: 330' FNL & 2,310' FEL of Section 32-22S-32E Lea Co., NM **GL**: 3,553' ZERO: KB: **CASING PROGRAM** SPUD DATE: 6/30/06 COMPLETION DATE: **COMMENTS**: API No.: 30-025-37799 13-3/8" 48# H-40 865' 8-5/8" 32# HCK-55 257' 8-5/8" 24# J-55 2,016' 8-5/8" 32# J-55 2,245' 17-1/2" Hole 8-5/8" 32# J-55 43' 4,527 5-1/2" 17# J-55 257' 13-3/8" @ 865' w/ 5-1/2" 15.5# J-55 7,076' 780 sx cmt (Circ) 8,600' 5-1/2" 17# J-55 1,274' TOC @ 2650' (est) **Present** 11" Hole **TOPS** Rustler 824' Top of Salt 925' 8-5/8" @ 4.528' w/ Base of Salt 4,350' 1,310' sx cmt (Circ) Bell Canyon 4.683' Cherry Canyon 5,514' Brushy Canyon 6,708' BS 8,517 DV Tool @ 6,207' 7 7/8" Hole Delaware perfs: 6,772-6,786' (15); 6,948-6,952' (5); 6,986-6,990' (5); 7,102-7,112'(11); 7,190-7,194' (5) -Delaware perfs 7,408-7,416' (17); 7,478-7,484' (13) -Delaware perfs: 7,818-7,824' (12) -Delaware perfs: 8,334-8,342' (17); 8,374-8,386' (25) Not to Scale 7/27/06 DC/Shannon 5-1/2" @ 8,600' w/ FC: 8,555' 1st Stage: 800 sx (Circ) 2nd Stage: 450 sx TD: 8,600'





Lotus SWD #12 Form C-108

Tabulation of data on wells within area of review

Well Name	Operator	Type	Spud Tota	Producing Total Depth Zone	Perforations	Completion Information
Lotus ALT ST #1 660FNL & 660FEL Sec 32 22S 32E	Yates Petroleum Corp Oil	ō	1/30/2003	8620' Delaware	6744-8518	13 3/8" @ 846' Cmtd w/700 sx (circ) 8 5/8" @ 4,510' Cmtd w/1250 sx (circ) 5 1/2" @ 8,780' Cmtd w/ Stage 1: 575 sx (TOC 5556') Stage 2: 550 sx (circ)
Lotus ALT St #2 1980FNL & 1980FEL Sec 32 22S 32E	Yates Petroleum Corp	ii Ö	9/19/1992	9250' Delaware	6716-8430'	13 3/8" @ 858' Cmtd w/825 sx (circ) 8 5/8" @ 4,418' Cmtd w/1250 sx (TOC 800') 5 1/2" @ 9,250" Cmtd w/ Stage 1: 100 sx (circ) Stage 2: 550 sx (circ) Stage 3: 800 sx (TOC 3826')
Lotus ALT St #3 660FNL & 1980FWL Sec 32 22S 32E	Yates Petroleum Corp	ΙΘ	11/3/2002	8600' Delaware	6706'-8398'	13 3/8" @ 842' Cmtd w/700 sx (circ) 8 5/8" @ 4,489' Cmtd w/1250 sx (circ) 5 1/2" @ 8,600' Cmtd w/ Stage 1: 555 sx (TOC 5608') Stage 2: 550 sx (circ)
Lotus ALT St #4 990FNL & 330FWL Sec 32 22S 32E	Yates Petroleum Corp	O	3/24/2003	8600' Delaware	7062'-8392'	13 3/8" @ 853' Cmtd w/670 sx (circ) 8 5/8" @ 4,475' Cmtd w/1220 sx (circ) 5 1/2" @ 8,600' Cmtd w/ Stage 1: 870 sx (circ) Stage 2: 450 sx (circ)

North Permian Basin Region P.O. Box 740 Sundown, TX 79372-0740 (806) 229-8121 Lab Team Leader - Sheila Hernandez

(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:

YATES PETROLEUM INC

LOTUS 'ALT' STATE UNIT

Sales RDT:

33514

Region:

PERMIAN BASIN

Account Manager:

REGGIE GUY (575) 910-9391

Area:

ARTESIA, NM

Sample #:

354147

Lease/Platform:

7 (1 (1 = 0)) (, 1 +1+1

Analysis ID #:

94689

Entity (or well #):

: 4

Analysis Cost:

\$90.00

Formation:

UNKNOWN

Sample Point:

WELLHEAD

Summ	ary		Ar	nalysis of Sa	imple 354147 @ 75	°F	
Sampling Date:	9/15/09	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	9/23/09	Chloride:	142320.0	4014.33	Sodium:	69489.4	3022.62
Analyst:	LEAH DURAN	Bicarbonate:	36.6	0.6	Magnesium:	2815.0	231.57
TDC (/// 2) -	224647.5	Carbonate:	0.0	0.	Calcium:	14251.0	711.13
TDS (mg/l or g/m3):	231647.5	Sulfate:	350.0	7.29	Strontium:	1225.0	27.96
Density (g/cm3, tonr	ne/m3): 1.15	Phosphate:			Barium:	87.0	1.27
Anion/Cation Ratio:	1	Borate:			Iron:	15.0	0.54
		Silicate:			Potassium:	1053.0	26.93
					Aluminum:		
Carbon Dioxide:	280 PPM	Hydrogen Sulfide:		0 PPM	Chromium:		
Oxygen:		all of time of compline		5.7	Copper:		
Comments:		pH at time of sampling:		5.7	Lead:		
		pH at time of analysis:			Manganese:	5.500	0.2
		pH used in Calculation	on:	5.7	Nickel:		

Condi	tions		Values C	alculated:	at the Giver	Conditio	ns - Amour	its of Scal	e in lb/1000	bbl		
amn	Gauge Press.	1	alcite aCO ₃	Gyp: CaSO	sum 4 ^{2H} 2 ⁰		ydrite aSO ₄		estite rSO ₄		rite ISO ₄	CO ₂ Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-0.83	0.00	-0.43	0.00	-0.39	0.00	0.11	37.23	2.06	44.50	0.43
100	0	-0.74	0.00	-0.50	0.00	-0.40	0.00	0.08	29.67	1.86	44.22	0.51
120	0	-0.66	0.00	-0.57	0.00	-0.38	0.00	0.07	26.31	1.69	43.94	0.59
140	0	-0.57	0.00	-0.62	0.00	-0.35	0.00	0.08	26.59	1.54	43.39	0.67

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Attachment D Example of water to be disposed who swo well

North Permian Basin Region P.O. Box 740

Sundown, TX 79372-0740

(806) 229-8121

Lab Team Leader - Sheila Hernandez

(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:

YATES PETROLEUM INC

Sales RDT:

33514

Region:

PERMIAN BASIN

Account Manager:

REGGIE GUY (575) 910-9391

Area:

ARTESIA, NM

Sample #:

354157

Lease/Platform:

KIWI 'AKX' STATE LEASE

Analysis ID #:

94687

Entity (or well #):

3

Analysis Cost:

\$90.00

Formation:

UNKNOWN

Sample Point:

WELLHEAD

Sumr	mary		Ar	nalysis of Sa	imple 354157 @ 75	°F	
Sampling Date:	9/15/09	Anions	mg/l	meq/l	Cations	mg/i	meq/l
Analysis Date:	9/23/09	Chloride:	177816.0	5015.54	Sodium:	81444.2	3542.62
Analyst:	LEAH DURAN	Bicarbonate:	73.2	1.2	Magnesium:	3828.0	314.91
TD0 ("	200000	Carbonate:	0.0	0.	Calcium:	22006.0	1098.1
TDS (mg/l or g/m3):		Sulfate:	774.0	16.11	Strontium:	1226.0	27.98
Density (g/cm3, ton	·	Phosphate:			Barium:	2.5	0.04
Anion/Cation Ratio:	1	Borate:			Iron:	28.0	1.01
		Silicate:			Potassium:	1879.0	48.05
					Aluminum:		
Carbon Dioxide:	430 PPM	Hydrogen Sulfide:		0 PPM	Chromium:		
Oxygen:		n∐ at time of compling:		5.5	Copper:		
Comments:		pH at time of sampling:		5.5	Lead:		
		pH at time of analysis:			Manganese:	4.000	0.15
		pH used in Calculatio	n:	5.5	Nickel:		
				•			

Condi	tions		Values C	alculated	at the Giver	Conditio	ns - Amour	its of Scal	e in lb/1000	bbl		
Temp	Gauge Press.		alcite aCO ₃	Gyp: CaSO	sum 4 ^{2H} 2 ⁰		ydrite aSO ₄		estite rSO ₄		rite iSO ₄	CO ₂ Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-0.49	0.00	0.09	74.08	0.15	94.78	0.34	175.23	0.74	1.06	1.14
100	0	-0.41	0.00	0.00	2.12	0.13	84.16	0.31	165.14	0.54	0.80	1.33
120	0	-0.33	0.00	-0.07	0.00	0.14	87.62	0.30	161.43	0.37	0.80	1.51
140	0	-0.24	0.00	-0.13	0.00	0.17	103.02	0.31	163.02	0.22	0.53	1.66

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Affachment D Example of water to be disposed into swo well.

North Permian Basin Region P.O. Box 740 Sundown, TX 79372-074C (806) 229-8121 Lab Team Leader - Sheila Hernandez (432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	YATES PETROLEUM INC	Sales RDT:	33514
Region:	PERMIAN BASIN	Account Manager:	REGGIE GUY (575) 910-9391
Area:	ARTESIA, NM	Sample #:	354152
Lease/Platform:	LOTUS 'ALT' STATE UNIT	Analysis ID #:	94688
Entity (or well #):	3	Analysis Cost:	\$90.00
Formation:	UNKNOWN		

WELLHEAD

Sample Point:

Sumn	nary		Ar	nalysis of Sa	mple 354152 @ 75	°F	
Sampling Date:	9/15/09	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	9/23/09	Chloride:	181989.0	5133.25	Sodium:	77172.6	3356.82
Analyst:	LEAH DURAN	Bicarbonate:	48.8	0.8	Magnesium:	4720.0	388.29
TDC / // // 2\-	204540.4	Carbonate:	0.0	0.	Calcium:	26148.0	1304.79
TDS (mg/l or g/m3):	294549.4	Sulfate:	541.0	11.26	Strontium:	1946.0	44.42
Density (g/cm3, ton	ne/m3): 1.197	Phosphate:			Barium:	3.5	0.05
Anion/Cation Ratio:	ļ	Borate:			Iron:	24.0	0.87
		Silicate:			Potassium:	1952.0	49.92
					Aluminum:		
Carbon Dioxide:	400 PPM	Hydrogen Sulfide:		0 PPM	Chromium:		
Oxygen:		nU at time of compline	••	5.2	Copper:		
Comments:		pH at time of sampling		5.2	Lead:		
		pH at time of analysis	:		Manganese:	4.500	0.16
		pH used in Calculat	tion:	5.2	Nickel:		

Condi	tions		Values Ca	alculated	at the Giver	Conditio	ns - Amoun	ts of Scal	e in lb/1000	bbi		
Temp	Gauge Press.		licite aCO ₃	Gyp: CaSO	sum ₄ 2H ₂ 0		ydrite aSO ₄		estite rSO ₄		rite ISO ₄	CO ₂ Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-0.93	0.00	-0.01	0.00	0.05	24.84	0.36	151.42	0.70	1.32	1.41
100	0	-0.84	0.00	-0.10	0.00	0.03	16.38	0.34	144.28	0.51	1.32	1.65
120	0	-0.76	0.00	-0.17	0.00	0.04	20.61	0.33	142.17	0.34	1.06	1.86
140	0	-0.67	0.00	-0.23	0.00	0.07	35.15	0.33	144.02	. 0.19	0.53	2.05

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Affachment D Example of water to be disposed into SWD well

North Permian Basin Region P.O. Box 740 Sundown, TX 79372-074C (806) 229-8121

Lab Team Leader - Sheila Hernandez

(432) 495-7240

Water Analysis Report by Baker Petrolite

YATES PETROLEUM INC Company: Sales RDT: 33514 PERMIAN BASIN REGGIE GUY (575) 910-9391 Account Manager: Region: Area: ARTESIA, NM Sample #: 354158 KIWI 'AKX' STATE LEASE Lease/Platform: Analysis ID #: 94686 Entity (or well #): Analysis Cost: \$90.00 UNKNOWN Formation:

Sample Point: WELLHEAD

Sum	mary		Ar	alysis of Sa	ımple 354158 @ 75	°F	
Sampling Date:	9/15/09	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	9/23/09	Chloride:	139881.0	3945.53	Sodium:	61614.9	2680.1
Analyst:	LEAH DURAN	Bicarbonate:	85.4	1.4	Magnesium:	3256.0	267.85
TD0 / " / "	007000	Carbonate:	0.0	0.	Calcium:	18604.0	928.34
TDS (mg/l or g/m3):		Sulfate:	404.0	8.41	Strontium:	1504.0	34.33
Density (g/cm3, tor	· '	Phosphate:			Barium;	3.0	0.04
Anion/Cation Ratio:	1	Borate:			Iron:	23.0	0.83
		Silicate:			Potassium:	1709.0	43.71
					Aluminum:		
Carbon Dioxide:	480 PPM	Hydrogen Sulfide:		0 PPM	Chromium:		
Oxygen:		-11 -1 1		5.1	Copper:		
Comments:		pH at time of sampling:		5.1	Lead:		
odiminomo.		pH at time of analysis:			Manganese:	4.000	0.15
		pH used in Calculatio	n:	5.1	Nickel:		

Condi	tions		Values C	alculated	at the Giver	Conditio	ns - Amour	its of Scal	e in lb/1000	bbl		
llamn	Gauge Press.		alcite aCO ₃	Gyp: CaSC	sum 4 ^{*2H} 2 ⁰	1	ydrite aSO ₄		estite rSO ₄		rite iSO ₄	CO ₂ Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-1.01	0.00	-0.29	0.00	-0.25	0.00	0.24	85.83	0.63	1.13	3.69
100	0	-0.92	0.00	-0.36	0.00	-0.26	0.00	0.22	80.20	0.44	0.84	4.43
120	0	-0.84	0.00	-0.42	0.00	-0.24	0.00	0.21	78.23	0.27	0.84	5.15
140	0	-0.75	0.00	-0.46	0.00	-0.19	0.00	0.22	79.64	0.13	0.28	5.8

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

Affachment D Example of water to be disposed into swowal

Affidavit of Publication

NO. 20949 STATE OF NEW MEXICO

County of Eddy:

GARY D. SCOTT

being duly

sworn, says: That he is the

PUBLISHER

of The

Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and county and state, and that the here to attached

Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for

1 Consecutive week/days on the same

day as follows:

First Publication

December 11, 2009

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Subscribed and sworn to before me this

11 Day

December

2009



OFFICIAL SEAL Jo Morgan

NOTARY PUBLIC-STATE OF NEW MEXICO

My_commission expires:

Copy of Publication:

Lotus SWD #12 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 Lotus SWD #12 located 330' FNL & 2310' FEL, Unit B, Section 32, Township 22 South, Range 32 East of Lea County, New Mexico, will be used for saltwater disposal. Produced waters from the Delaware Sand will be Fire-injected into the Delaware Sand at a depth of 5750'-6500' with a maximum pressure of 1150 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, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505-5472, within 15 days. Additional information can be obtained by contacting Margrethe Hotter at (575) 748-4165.

Published in the Artesia Daily Press, Artesia, NM December 11, 2009.

Legal No. 20949

Attachment G

C-108 Application for Authorization to Inject Yates Petroleum Corporation Lotus SWD #12 Unit B, Section 32-T22S-R32E Lea County New Mexico.

Available engineering and geological data have been examined and no evidence of open faults of hydrologic connection between the disposal zone and any underground sources of drinking water has been found.

Ray Podany

Geologist

Yates Petroleum Corporation

Send notification letters to:

1. Surface owner:

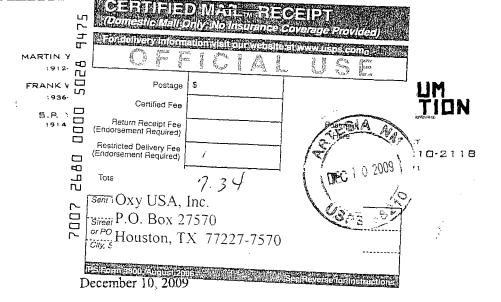
State of New Mexico Commissioner of Public Lands P.O. Box 1148 Santa Fe, New Mexico 87504-1148

2. Operators:

OXY USA Inc P.O. Box 27570 Houston, TX 77227-7570

BP America Production CO. P.O. Box 3092 Houston, TX 77253-3092

Chevron USA Inc 11111 S Wilcrest Dr Houston, TX 77099-4310



JOHN A. YATES JR.

JAMES S. BROWN

JOHN D. PERINI CHIEF FINANCIAL DEFICER

Oxy USA, Inc. P.O. Box 27£70 Houston, TX 77227-7570

Re: Lotus SWD #12 Kiwi SWD #5 Kiwi SWD #10

Dear Sirs:

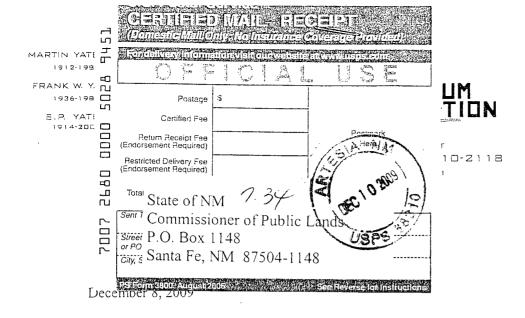
Enclosed please find copies of form C-108 (Application for Authority to Inject) on said wells located in Lea County, New Mexico.

If you have any questions or need additional information, please call me at (575) 748-4361.

Sincerely,

Debbie Chavez

Engineering Technician



JOHN A. YATES JR.

JAMES S. BROWN

JOHN D. PERINI CHIEF FINANCIAL OFFICER

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

Re: Lotus SWD #12 Kiwi SWD #5 Kiwi SWD #10

Dear Sirs:

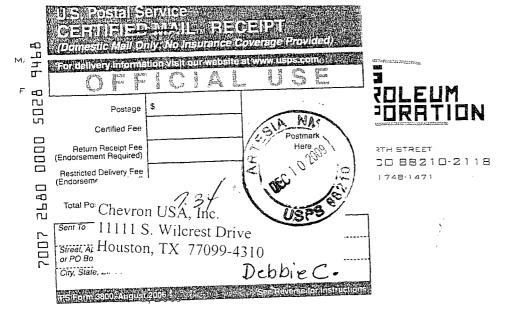
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If you have any questions or need additional information, please call me at (575) 748-4361.

Sincerely,

Debbie Chavez

Engineering Technician



JOHN A. YATÉS JR. ASSISTANT TO THE PRESIDENT

JAMES S. BROWN CHIEF OPERATING OFFICER

JOHN D. PERINI CHIEF FINANCIAL OFFICER

Chevron USA, Inc. 11111 S. Wilcrest Drive Houston, TX 77099-4310

Re: Lotus SWD #12 Kiwi SWD #5 Kiwi SWD #10

Dear Sirs:

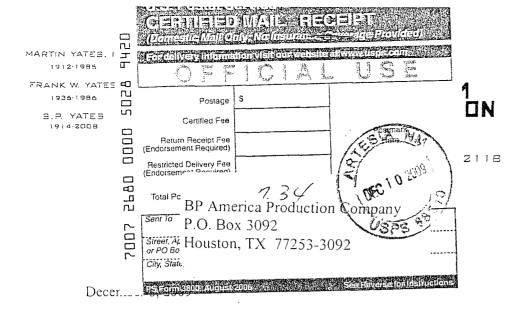
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Sincerely,

Debbie Chavez

Engineering Technician



JOHN A. YATES JR. ASSISTANT TO THE PRESIDENT

JAMES S. BROWN

JOHN D. PERINI
CHIEF FINANCIAL OFFICER

BP America Production Company P.O. Box 3092 Houston, TX 77253-3092

Re: Lotus SWD #12 Kiwi SWD #5 Kiwi SWD #10

Dear Sirs:

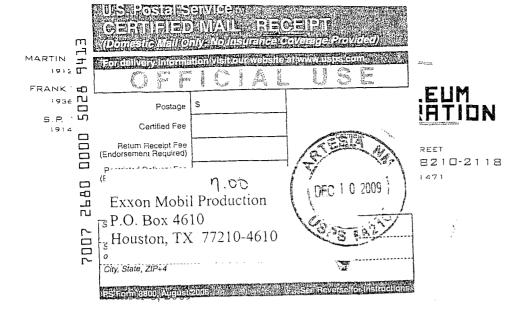
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Sincerely,

Debbie Chavez

Engineering Technician



JOHN A. YATES JR.
ASSISTANT TO THE PRESIDENT

JAMES S. BROWN

JOHN D. PERINI CHIEF FINANCIAL OFFICER

Exxon Mobil Production Company P.O. Box 4610 Houston, TX 77210-4610

Re: Lotus SWD #12 Kiwi SWD #5 Kiwi SWD #10

Dear Sirs:

Enclosed please find copies of form C-108 (Application for Authority to Inject) on said wells located in Lea County, New Mexico.

If you have any questions or need additional information, please call me at (575) 748-4361.

Sincerely,

Debbie Chavez

Engineering Technician



JOHN A. YATES JR.

JAMES S. BROWN CHIEF OPERATING OFFICER

JOHN D. PERINI CHIEF FINANCIAL OFFICER

Strata Production Company P.O. Box 1030 Roswell, NM 88202

Re: Lotus SWD #12 Kiwi SWD #5 Kiwi SWD #10

Dear Sirs:

Enclosed please find copies of form C-108 (Application for Authority to Inject) on said wells located in Lea County, New Mexico.

If you have any questions or need additional information, please call me at (575) 748-4361.

Sincerely,

Debbie Chavez

Engineering Technician

Injec	tion Permit Checklist (11/30/09)		
Case R SWD 1198 WFX	PMX IPI Permit D	ateUIC Qtr\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
# Wells L Well Name: LOTUS SV	UD #12 (aus L	TVS ALT Stoke to	12)
API Num: (30-) <u>025-37799</u> Spud	Date: 2006 New/Old: 1	Ý(UIC primacy March 7, 1982)	
Footages 330 FNL/2310 FEL Uni	t B Sec 32 Tsp 22.5 Rge	32E County Lea	
Operator: Jota Patril Cony	Contact	Morgredie Holler	
OGRID: 25575 RULE 5.9 Compliance (Wells) 5/2428 (Finan A	ssur)	O
Operator Address: 105 St 4	el Se, ARTEL	NM 8850	
Location and Current Status:	inered Del (6,770	2-8386)	
	4	2/2007	150
Planned Work to Well:	Setting Cement	Tubing Size/Depth: 2 /2 56 Cement Top and Determination	
HolePipe	Depths Sx or Cf	Method	
Existing V. Sulface 2133/8	-865 865	CIRC	
Existing Intermediate (85/8	4527 13,10	CIRC	
Existing Long String 778 512	8600 800/450	CIRC/2760 EST.	
DV Tool 6207 Liner	Open Hole	_Total Depth / 8600	
Well File Reviewed			
Diagrams: Before Conversion After Conversio	nElogs in Imaging File:	3 LENC/COTIDU	
Intervals: Depths	Formation Producing (Yes/N	South of Real)
Above (Name and Top) 4683 —	-Ball C. Top	Jeour 9 10	
Above (Name and Top) 5514 —	rHerey C. T.P	-	
Injection Interval TOP: 5 750 0	Del No	PSI Max. WHIP	
Injection	by James		
Interval BOTTOM: 63500	Brush C. Top	Open Hole (Y/N) Deviated Hole?	
Sensitive Areas: Gapitan Reef	Giff House Salt Depths _	925-4350	
Potach Area (R-111-P)	Potash Lessee	Noticed?	
Fresh Water: Depths: 0 950 Wells	Analysis?	Affirmative Statement	
Disposal Fluid Sources:		Analysis?	
Disposal Interval Production Potential/Testing/Ana	, 0	à never Talal	
<u>Disposar interval</u> Production Potential Pesting/And	alysis Allalysis.	The state of the s	
			つ
Notice: Newspaper(Y/N) Surface-Owner	Minera	[Owner(s)	(
RULE 26.7(A) Affected Parties:	BP/CHeven		0
, , ,	(
Area of Review: Adequate Map (Y/N)	Well List (Y/N)		
Active Wells 4 Num Repairs Produ		16	
P&A Wells O Num Repairs All We			
Questions to be Answered:	sibore biagrams included:		
Autonotio to be Alloweled.			
			•
Required Work on This Well:		Request SentReply:	
AOR Repairs Needed:			
NOW Webails Heeden.	·		
		Request Sent Reply:	

5/92