

234329358

~~AMEND~~ SWD #855

12/20/02  
29



RICHARDSON PRODUCTION COMPANY

3100 La Plata Highway  
Farmington, New Mexico 87401 (505) 564-3100  
Fax (505) 564-3109

WVJ

December 03, 2002

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

Re: Salty Dog SWD #3R

Dear Mr. Jones,

Richardson Operating Company submitted an Application for Authorization to Inject for the Salty Dog SWD #3. An order was issued for injection into the Entrada formation. Re-entry of the existing well failed, so Richardson has decided to re-drill the well.

Richardson Operating Company will offset the original well with the Salty Dog SWD #3R about 50 feet from the original well. The proposed TD is 7200' and the target injection zone remains the same as the Salty Dog SWD #3. Richardson requests that the injection order for the Salty Dog SWD #3 be transferred to the Salty Dog SWD #3R.

Richardson Operating Company is the only operator within a 1/2 mile radius of this location.

Thank you for your time and consideration.

Regards,

Drew Carnes  
Operations Manager  
505-564-3100  
505-215-3926 (Cell)

SPoke to  
Drew Carnes  
12/9/02 asked  
him to send more  
data, since this will  
be a different wellbore.  
Will  
12/9/02

DEC - 5  
No need 12/14/02  
+ 15 DAYS  
re case => 12/29/02



## RICHARDSON PRODUCTION COMPANY

3100 La Plata Highway  
Farmington, New Mexico 87401 (505) 564-3100  
Fax (505) 564-3109

DEC 13 2002

December 11, 2002

New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Attention: Mr. Will Jones

Re: Application for administrative approval – authorization to inject  
Richardson Operating Company  
Salty Dog SWD #3R

Dear Mr. Jones,

Richardson Operating Company submitted an Application for Authorization to Inject for the Salty Dog SWD #3. An order was issued for injection into the Entrada formation. Re-entry of the existing well failed, so Richardson has decided to re-drill the well.

Please find the enclosed documents you requested to transfer the prior application for the Salty Dog SWD #3 to the Salty Dog SWD #3R. I have included a copy of the C-102, a wellbore diagram that includes all the information requested on the C-108, and a copy of the notices sent to leasehold operators within ½ mile of the well. The parties that have been notified are: Calpine Natural Gas Company, BP American Production Company, Abo Petroleum Corporation, Yates Drilling Company, Myco Industries, and the Bureau of Land Management. The legal notice will be run in the Farmington Daily Times on Saturday December 14, 2002. The Affidavit of Publication will be sent when received from the Farmington Daily Times.

Please feel free to call me with any questions. Thank you for your time and consideration.

Regards,

Drew Carnes  
Operations Manager  
505-564-3100  
505-215-3926 (Cell)

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 PO Box 2088  
 Santa Fe, NM 87504-2088

Form C-102  
 Revised February 21, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>1</sup> Pool Code 96436		<sup>1</sup> Pool Name SWD; Entrada	
<sup>4</sup> Property Code		<sup>4</sup> Property Name Salty Dog SWD			<sup>4</sup> Well Number 3R
<sup>1</sup> OGRID No. 185142		<sup>1</sup> Operator Name RICHARDSON OPERATING COMPANY			<sup>1</sup> Elevation 5572'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	30 N.	14 W.		850	North	770	East	San Juan

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres	<sup>12</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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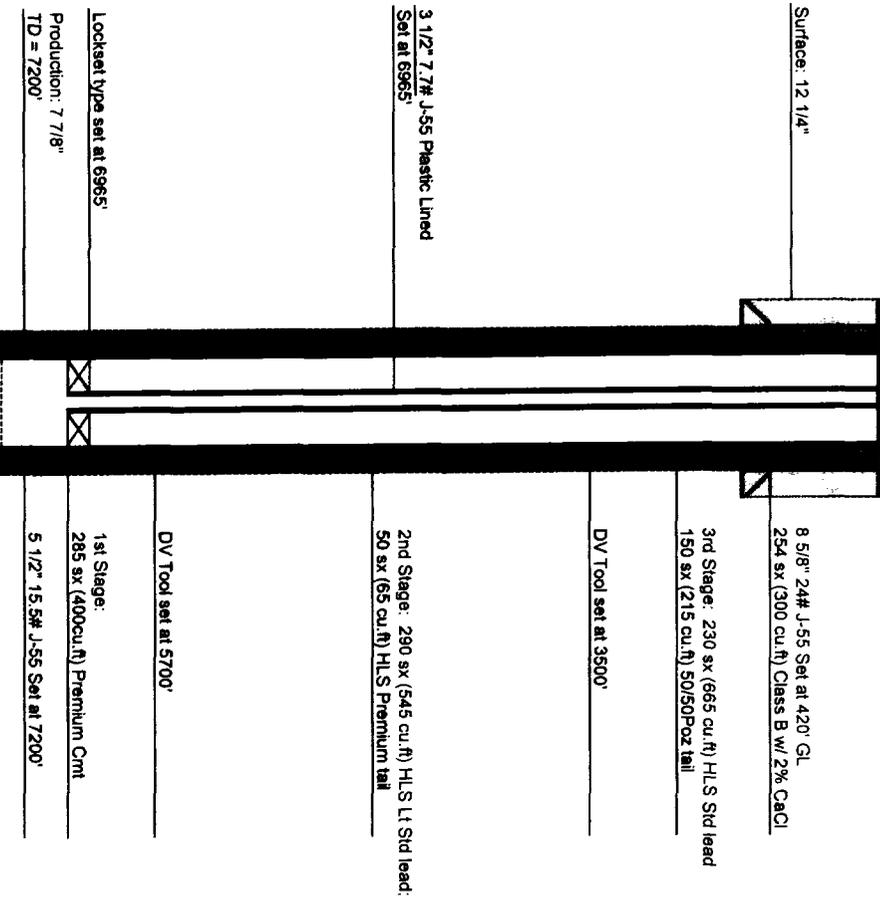
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature: <i>[Signature]</i>          Printed Name: DREW CARNES          Title: OPERATIONS MANAGER          Date: 12-5-02</p>	
		<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: 12-5-02          Signature: <i>[Signature]</i>          Registered Professional Surveyor:            Certificate Number:</p>	

**Planned Wellbore**

**Richardson Operating Company**  
 3100 La Plata Highway  
 Farmington, NM 87401  
 (505) 564-3100

Well Name: **Salty Dog SWD #3R**  
 Location: **850' FNL & 770' FEL**  
 County: **A Sec. 28, T30N, R14W**  
 Field: **San Juan**  
 API#: **SWD; Entrada**  
 Elevation: **5572' GL**



8 5/8" 24# J-55 Set at 420' GL  
 254 sx (300 cu ft) Class B w/ 2% CaCl  
 3rd Stage: 230 sx (665 cu ft) HLS Std lead  
 150 sx (215 cu ft) 50/50Poz tail

DV Tool set at 3500'

2nd Stage: 290 sx (545 cu ft) HLS Lt Std lead;  
 50 sx (65 cu ft) HLS Premium tail

DV Tool set at 5700'

1st Stage:  
 285 sx (400cu.ft) Premium Cmt  
 5 1/2" 15.5# J-55 Set at 7200'

Lockset type set at 6965'  
 Production: 7 7/8"  
 TD = 7200'

**Note: All slurries and equipment subject to change depending upon hole conditions.**

Expected Formation Tops	Surface
Kirtland	
Fruiland	
Pictured Cliffs	1122'
Lewis	1220'
Ciffhouse	2692'
Menefee	2774'
Point Lookout	3544'
Mancos	3912'
Gallup	4884'
Greenhorn	5624'
Graneros	5688'
Dakota	5734'
Morrison	5966'
Bluff	6730'
Summerville	6855'
Todillo	6925'
Entrada	6965'
Chinle	7090'

**Well Construction: (Drilled for Injection)**

Surface Casing:  
 Hole size = 12 1/4" to 420'  
 8 5/8" 24# J-55 Set at 420' GL  
 254 sx (300 cu ft) Class B w/ 2% CaCl to surface

Production Casing:  
 Hole size = 7 7/8" to 7200'  
 5 1/2" 15.5# J-55 Set at 7200'

1st Stage: 285 sx (400cu.ft) Premium Cmt  
 2nd Stage: 290 sx (545 cu ft) HLS Lt Std lead;  
 50 sx (65 cu ft) HLS Premium tail  
 3rd Stage: 230 sx (665 cu ft) HLS Std lead  
 150 sx (215 cu ft) 50/50Poz tail to surface

Injection Interval:  
 Entrada Formation (6966'-7094')

# CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

HOUSTON, TX 77002

Postage	\$ 0.37
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.42</b>



Sent To  
 Calpine Natural Gas Company  
 Street, Apt. No., or PO Box No. 1000 Louisiana St, Suite 800  
 City, State, ZIP+4 Houston, TX 77002

PS Form 3800, Jan 01

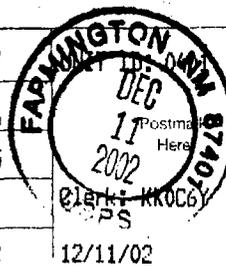
7002 0510 0002 5240 1746

# CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

ARTESIA, NM 88210

Postage	\$ 0.37
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.42</b>



Sent To  
 Myco Industries  
 Street, Apt. No., or PO Box No. 105 South 4th St  
 City, State, ZIP+4 Artesia, NM 88210

PS

Instructions

7002 0510 0002 5240 1722

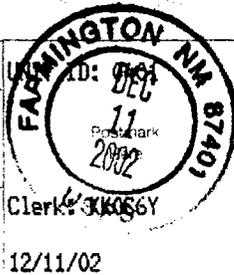
# U.S. Postal Service

## CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

HOUSTON, TX 77253

Postage	\$ 0.37
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.42</b>



Sent To  
 BP American Production Company  
 Street, Apt. No., or PO Box No. PO Box 3092  
 City, State, ZIP+4 Houston, TX 77253-3092

PS Form 3800, Jan 01

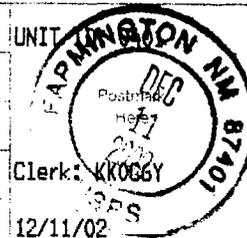
# U.S. Postal Service

## CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

ARTESIA, NM 88210

Postage	\$ 0.37
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.42</b>



Sent To  
 Abo Petroleum Corporation  
 Street, Apt. No., or PO Box No. 105 South 4th St  
 City, State, ZIP+4 Artesia, NM 88210

PS Form 3800, Jan 01

Instructions

7002 0510 0002 5240 1753

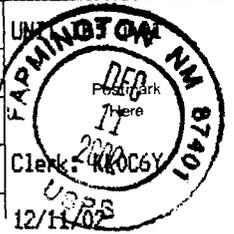
# U.S. Postal Service

## CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

ARTESIA, NM 88210

Postage	\$ 0.37
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.42</b>



Sent To  
 Yates Drilling Company  
 Street, Apt. No., or PO Box No. 105 South 4th St  
 City, State, ZIP+4 Artesia, NM 88210

PS Form

Instructions

# U.S. Postal Service

## CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

FARMINGTON, NM 87401

Postage	\$ 0.37
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.42</b>



Sent To  
 Bureau of Land Management  
 Street, Apt. No., or PO Box No. 1235 La Plata Highway  
 City, State, ZIP+4 Farmington, NM 87401

PS Form

Instructions