

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Loco Hills Water Disposal P.O. Box 68 Loco Hills, NM 88255		<sup>2</sup> OGRID Number	
		<sup>3</sup> API Number 30 -	
<sup>4</sup> Property Code	<sup>5</sup> Property Name Brine Well		<sup>6</sup> Well No. 2
<sup>9</sup> Proposed Pool 1		<sup>10</sup> Proposed Pool 2	

**<sup>7</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
L	16	17 S	30 E		1453	South	221	West	Eddy

**<sup>8</sup> Proposed 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

**Additional Well Information**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code M	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3667'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 1020'	<sup>18</sup> Formation SALT	<sup>19</sup> Contractor Circle Diamond Drilling	<sup>20</sup> Spud Date ASAP
Depth to Groundwater None		Distance from nearest fresh water well 2 miles		Distance from nearest surface water 5 miles
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20_mils thick Clay <input type="checkbox"/> Pit Volume: 250_bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**<sup>21</sup> Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	32	620	500	Circulated
7 7/8"					

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill with fresh water to 100' below top of salt (T/Salt est 520') Set casing circulate cement.  
Drill out to base of salt est. 1020'

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Randall Harris

Title: Geologist

E-mail Address: rharrisnm@aim.com

Date: 9/20/07

Phone: 505.677.2370

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☒

DISTRICT I  
1626 N. FRENCH DR., HORBS, NM 88240

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87506

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name BRINE WELL	Well Number 2
OGRID No.	Operator Name LOCO HILLS WATER DISPOSAL	Elevation 3667'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	16	17-S	30-E		1453	SOUTH	221	WEST	EDDY

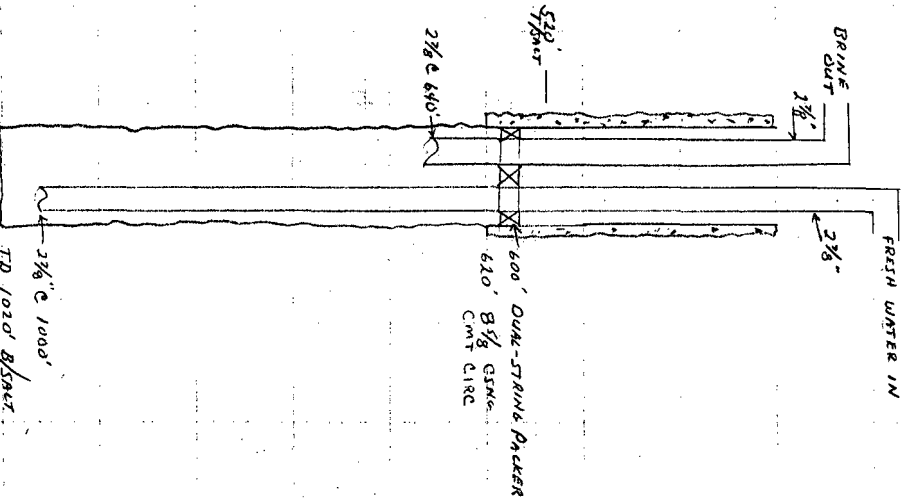
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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

<p>GEODETIC COORDINATES NAD 27 NME Y=666265.5 N X=607201.0 E LAT.=32.831164° N LONG.=103.984334° W</p> <p>C.O.G F72 # 109</p> <p>666' 221' 481' 1453' 1650'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p><b>SURVEYOR CERTIFICATION</b></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>OCTOBER 15, 2006</p> <p>Date Surveyed _____ JR</p> <p>Signature &amp; Seal of Professional Surveyor  06.11.1637</p> <p>Certificate No. GARY EIDSON 12841 RONALD J EIDSON 3239</p>
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## INJECTION WELL DATA SHEET

OPERATOR: Loco Hills Water Disposal CompanyWELL NAME & NUMBER: Brine Well # 2WELL LOCATION: 1453' FSL & 221' FWL K 16 17 S 30 E  
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATA  
Surface Casing

Hole Size: 12 1/4" Casing Size: 8 5/8"

Cemented with: 500 SX. or ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size:          Casing Size:         

Cemented with:          SX. or          ft<sup>3</sup>

Top of Cement:          Method Determined:         

Production Casing

Hole Size:          Casing Size:         

Cemented with:          SX. or          ft<sup>3</sup>

Top of Cement:          Method Determined:         

Total Depth:         

Injection Interval

640 feet to 1000 Open Hole

(Perforated or Open Hole; indicate which)

**C-101 Loco Hills Brine Well No. 2 (BW-21)**  
**Conditions of Approval**

- 1) Casing and tubing shall be constructed of steel.
- 2) The 8 5/8 inch casing shoe must be set a minimum of 100 feet below the top of the salt section.
- 3) Cement must be circulated back to surface.
- 4) A double tubing packer must be installed no more than 20 feet above the casing shoe. An approved packer fluid shall be maintained above the packer to surface.