

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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  
Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144 CLEZ  
Revised August 1, 2011

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

**Closed-Loop System Permit or Closure Plan Application**

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: ☒ Permit ☐ Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.  
Operator: SG Interests I, LTD OGRID #: 20572  
Address: P. O. Box 2677, Durango, CO 81302  
Facility or well name: Cisco 20-18 #2  
API Number: 30-031-21113 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr D Section 18 Township 20N Range 5W County: McKinley  
Center of Proposed Design: Latitude 35.96956 Longitude 107.41453 NAD: ☐ 1927 ☒ 1983  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.  
☒ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC  
Operation: ☒ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) ☐ P&A  
☒ Above Ground Steel Tanks or ☒ Haul-off Bins

3.  
**Signs:** Subsection C of 19.15.17.11 NMAC  
☒ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  
☐ Signed in compliance with 19.15.16.8 NMAC

RCVD MAY 17 '13  
OIL CONS. DIV.  
DIST. 3

4.  
**Closed-loop Systems Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC  
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.  
☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
☒ Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC  
☐ Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_  
☐ Previously Approved Operating and Maintenance Plan API Number: \_\_\_\_\_

5.  
**Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:** (19.15.17.13.D NMAC)  
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.  
Disposal Facility Name: See page 2 Disposal Facility Permit Number: \_\_\_\_\_  
Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_  
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?  
☐ Yes (If yes, please provide the information below) ☐ No  
Required for impacted areas which will not be used for future service and operations:  
☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC  
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

6.  
**Operator Application Certification:**  
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.  
Name (Print): Mike L. Mankin Title: Agent  
Signature: Mike L. Mankin Date: May 8, 2013  
e-mail address: mgcattle@yahoo.com Telephone: 505-634-6209

7. **OCD Approval:** ☒ Permit Application (including closure plan) ☐ Closure Plan (only)

OCD Representative Signature: Jonathan N. Kelly Approval Date: 5/20/2013

Title: Compliance Officer OCD Permit Number: \_\_\_\_\_

8. **Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC

*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*

☐ Closure Completion Date: \_\_\_\_\_

9. **Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

*Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.*

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

*Required for impacted areas which will not be used for future service and operations:*

☐ Site Reclamation (Photo Documentation)

☐ Soil Backfilling and Cover Installation

☐ Re-vegetation Application Rates and Seeding Technique

10.

**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

**Continued from page 1**

5.

**Waste Removal Closure for Closed-Loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

Disposal Facility Name: Envirotech, Inc.

Disposal Facility Permit Number: NM-01-0011

Disposal Facility Name: Industrial Ecosystem, Inc.

Disposal Facility Permit Number: NM-01-0010B

Disposal Facility Name: Basin Disposal, Inc.

Disposal Facility Permit Number: NM-01-005

**SG Interests I, LTD**  
**Closed Loop System Design/Maintenance/Closure Plan**  
**Cisco 20-5-18 #2 API #30-031-21113**

In accordance with Rule 19.15.17 NMAC, the following plan will be used for construction design, operation and maintenance as well as closure of the closed-loop system on SG Interests I, LTD (SG) well location indicated above.

**Closed-Loop Design Plan:**

The closed-loop system will consist of one or more temporary above-ground tank(s) suitable for holding the cuttings and fluids for rig operations and the planned completion activities. The tank(s) will be of sufficient volume to maintain a safe free-board between disposal of the liquids and solids from rig operations. Additional design considerations will include:

- a) The closed-loop system used by SG will not utilize a drying pad, temporary pit, below-grade tank or sump
- b) There is no requirement for fencing for an above –ground closed-loop system
- c) Signage in compliance with 19.15.3.103 NMAC will be posted at the well location
- d) A frac tank will be utilized to store water
- e) Tanks will be placed on the active, disturbed area of the well location

**Closed-Loop Operations/Maintenance Plan:**

The closed-loop system will be operated and maintained to contain liquids and solids, to aid in the prevention of contamination of fresh water sources, in order to protect public health and the environment. The following steps will be followed:

- a) The liquids will be vacuumed out and disposed of at Basin Disposal, Inc.
- b) Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech or Industrial Eco systems, Inc.
- c) No hazardous waste, miscellaneous solid waste or debris will be discharged into or stored in the tank(s). Only fluids or cutting intrinsic to, used or generated by the rig operations will be place or stored in the tank(s)
- d) The appropriate NMOC District office will be notified within 48 hours of the discovery of compromised integrity of the closed-loop system. Upon discovery of the compromised tanks, repairs will be enacted immediately
- e) All of the above operations will be inspected daily and noted on the daily report.

**Closed-Loop Closure Plan:**

The closed-loop system will be closed in accordance with 19.15.17.13. This will be done by:

- a) Transporting cuttings and all remaining sludge to Envirotech or Industrial Ecosystems, Inc. following rig operations
- b) Transport of disposal of all remaining liquids will be in one of the following facilities depending on the proximity of the well and available disposal volumes; Basin Disposal, Inc.
- c) Removal of the tank(s) from the well location as part of the rig move
- d) At time of well abandonment, the site will be reclaimed and re-vegetated to pre-existing conditions when possible or as stipulated by the landowner in a surface use agreement.

District I

1625 N. French Dr, Hobbs, NM 88240  
Phone: (575)393-6161 Fax: (575)393-0720

District II

811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-031-2113</b>	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Franciscan Lakes Mesa Verde</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>CISCO 20-5-18</b>	<sup>6</sup> Well Number <b>2</b>
<sup>7</sup> OGRID No. <b>20572</b>	<sup>8</sup> Operator Name <b>SG INTERESTS I, LTD.</b>	<sup>9</sup> Elevation <b>6735</b>

<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
<b>1</b>	<b>18</b>	<b>20 N</b>	<b>5 W</b>		<b>485</b>	<b>North</b>	<b>330</b>	<b>West</b>	<b>McKinley</b>

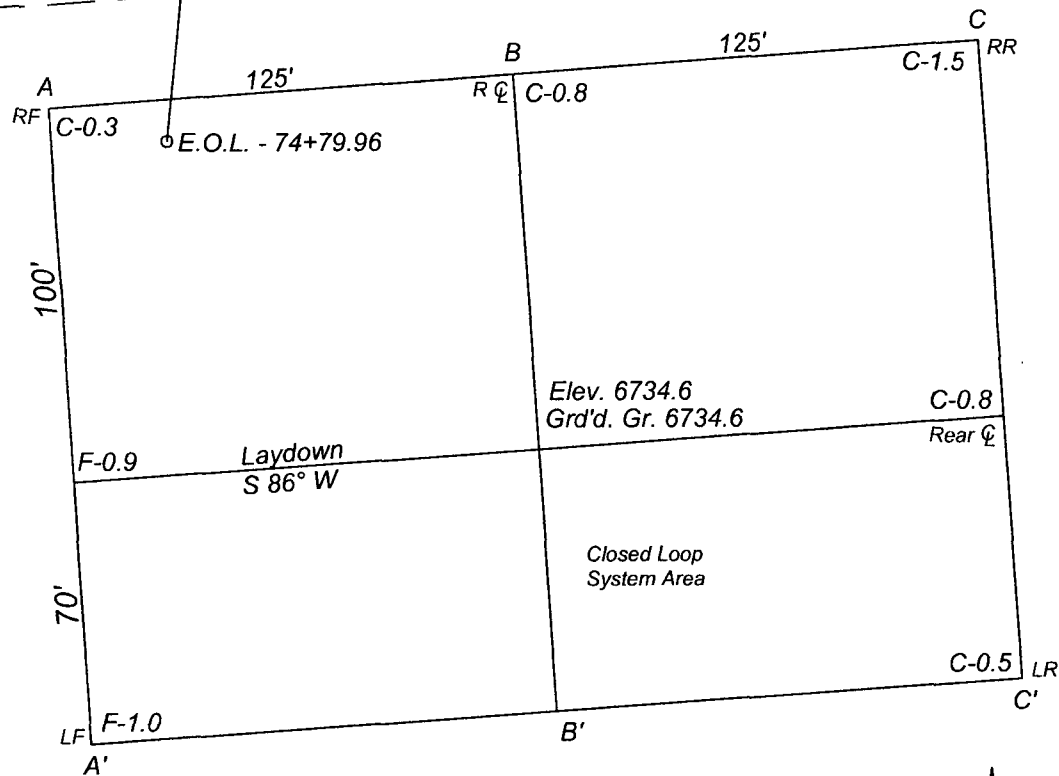
<sup>11</sup> Bottom Hole Location If Different From Surface

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 <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

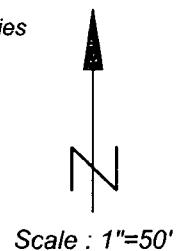
	<p>16</p> <p>19.85 Ch. 20.00 Ch. S 89°52' W 40.00 Ch.</p> <p>485' Lat. 35.96956° N Long. 107.41453° W</p> <p>330' 1 (39.77 Ac.)</p> <p>80.00 Ch.</p> <p>Lot. No. (Typ.) 2 (39.91 Ac.)</p> <p>Sec.</p> <p>3 (40.05 Ac.)</p> <p>4 (40.19 Ac.)</p> <p>20.13 Ch. 20.00 Ch. S 89°52' W 40.00 Ch.</p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, 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><i>Mike L. Mankin</i> 5-8-13 Signature Date</p> <p>Mike L. Mankin Printed Name</p> <p>mqcattle@yahoo.com E-mail Address</p>
	<p>18</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: JUNE 2012 Signature and Seal of Professional Surveyor #8466 William E. Mahre II Certificate Number 8466 LAND SURVEYOR</p>	
	<p>North</p> <p>N 0°03' W</p>	
	<p>Bearings from GLO Plat</p>	

Drainage (Old Road)



*Note: Construction to stay within staked boundaries*

SG INTERESTS I, LTD.  
CISCO 20-5-18 #2  
485' FNL & 330' FWL  
Sec.18, T20N, R5W, NMPM  
McKinley Co., NM



A-A'      Vert.: 1"=30'   Horiz.: 1"=50'      C      Rev. 18 Oct 2012

6735						

 $B-B'$ 

6735						

 $C-C'$ 

6735						