

Pit Closure Sampling Report

Orientation of pit N S E W

[illegible]

BPB- Below Pit Bottom

Dig out SW corner to 25' Resaple -
~~Can~~ use excavation for second burial trench if
 needed. Also excavate 10' from NE corner.
 Place in trench. Mike Bralcher 11-29-07

Highlander Environmental Corp.
Pit Sample Location Plat


Pit wall in feet _____

x NW NE x

x Center x

x SW SE x

_____ Indicates Sample Location
(Name by quarter i.e. NW, NE etc)

 Draw in North Arrow

Depth of pit in feet _____

• Wellhead

Well Pad

Client COG Operating LLC
Well Name: Mesilla State #4
API# 30-015-35255

Summary Report

Gary Miller
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX, 79705

Report Date: November 29, 2007

Work Order: 7112829



Project Location: Eddy County, NM
Project Name: COG-Mesilla State #4
Project Number: 3211

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 143828 | NE 10' | soil | 2007-11-27 | 00:00 | 2007-11-28 |
| 143829 | NW 2' | soil | 2007-11-27 | 00:00 | 2007-11-28 |
| 143830 | SE 2' | soil | 2007-11-27 | 00:00 | 2007-11-28 |
| 143831 | SW 20' | soil | 2007-11-27 | 00:00 | 2007-11-28 |
| 143832 | Center 2' | soil | 2007-11-27 | 00:00 | 2007-11-28 |

Sample: 143828 - NE 10'

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | 189 | mg/Kg | 2.00 |

Sample: 143829 - NW 2'

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | 223 | mg/Kg | 2.00 |

Sample: 143830 - SE 2'

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | 252 | mg/Kg | 2.00 |

Sample: 143831 - SW 20'

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | 4110 | mg/Kg | 2.00 |

Sample: 143832 - Center 2'

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296
This is only a summary Please, refer to the complete report package for quality control data.

Report Date: November 29, 2007
3211

Work Order: 7112829
COG-Mesilla State #4

Page Number: 2 of 2
Eddy County NM

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | 150 | mg/Kg | 2.00 |

Report Date: November 30, 2007
3211

Work Order: 7113024
COG/Mesilla State #4

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Eddy County, NM

Summary Report

Garv Miller
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX, 79705

Report Date: November 30, 2007

Work Order: 7113024



Project Location: Eddy County, NM
Project Name: COG/Mesilla State #4
Project Number: 3211

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 144105 | SW 25.0' | soil | 2007-11-29 | 00:00 | 2007-11-30 |

Sample: 144105 - SW 25.0'

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | 120 | mg/Kg | 2.00 |

Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87419
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

3211

Form C-103
May 27, 2004

SOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

| |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO. 30-015-35255 |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. |
| 7. Lease Name or Unit Agreement Name Mesilla State |
| 8. Well Number 4 |
| 9. OGRID Number 229137 |
| 10. Pool name or Wildcat Loco Hills; Paddock 96718 |

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
COG Operating LLC

3. Address of Operator
550 W. Texas Ave., Suite 1300 Midland, TX 79701

4. Well Location
Unit Letter **D** : **330'** feet from the **North** line and **330'** feet from the **West** line
Section **16** Township **17S** Range **30E** NMPM County **EDDY**

11. Elevation (Show whether DR, RKB, RT, GR, etc)
3630' GR

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type **DRILLING** Depth to Groundwater **110'** Distance from nearest fresh water well **1000'** Distance from nearest surface water **1000'**

Pit Liner Thickness: **12 mil** Below-Grade Tank: Volume bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER **Pit closure**

☒ OTHER

☐

13 Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103 For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC proposes to close the drilling pit as follows

GPS 32.84096
103.98454

1. Remove fluids from pit
2. A deep trench pit will be constructed next to the existing reserve pit and lined with a 12 mil liner
The contents will be encapsulated in this pit and the liner will be folded over the mud and cuttings
3. Cover liner with 20 mil liner with excess of 3' on all sides as per option IV B 3 (b) of the
Pit and Below-Grade Tank Guidelines
4. Cover with a minimum 3' of native soil
5. Contour pit to prevent erosion and ponding of rainwater

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Kanicia Carrillo TITLE Regulatory Analyst DATE 8-22-07

Type or print name **Kanicia Carrillo** E-mail address: **kcarrillo@conchoresources.com** Telephone No. **432-685-4332**
For State Use Only

AUG 29 2007

APPROVED BY: Signed By Mike Braguna TITLE _____ DATE _____
Conditions of Approval (if any).