District 1 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

1

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

| Incident ID    |  |
|----------------|--|
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

# **Release Notification**

## **Responsible Party**

| Responsible Party Four Corners Exploration  | OGRID 008090                               |  |
|---|--|--|
| Contact Name Kevin Smaka, Agent   | Contact Telephone 505-325-1821 x1049       |  |
| Contact email kevin.smaka@duganproduction.com   | Incident # (assigned by OCD) NVF1820036683 |  |
| Contact mailing address c/o Dugan Production Corp.<br>PO Box 420, Farmington, NM 87499-0420 |  |  |

### **Location of Release Source**

Latitude 36.378546

(NAD 83 in decimal degrees to 5 decimal places)

| Site Name South Bisti Federal 29 #1 | Site Type                         |
|-------------------------------------|-----------------------------------|
| Date Release Discovered             | API# (if applicable) 30-045-26730 |

| Unit Letter | Section | Township | Range | County   |
|-------------|---------|----------|-------|----------|
| А           | 29      | 25N      | 12W   | San Juan |



Surface Owner: State Federal X Tribal Private (Name: \_

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below) Crude Oil Volume Released (bbls) Volume Recovered (bbls) Produced Water Volume Released (bbls) Volume Recovered (bbls) Is the concentration of dissolved chloride in the Yes No produced water >10,000 mg/l? Condensate Volume Recovered (bbls) Volume Released (bbls) Natural Gas Volume Released (Mcf) Volume Recovered (Mcf) Other (describe) Volume/Weight Released (provide units) Volume/Weight Recovered (provide units) Cause of Release

l'orm C-141 Page 6 State of New Mexico Oil Conservation Division

| Incident ID    |  |
|----------------|--|
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

# Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

|   | <u>Closure Report Attachment Checklist</u> : Each of the following items must be included in the closure report.  |
|---|---|
|   | A scaled site and sampling diagram as described in 19.15.29.11 NMAC   |
|   | Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) |
| • | Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)   |
| - | Description of remediation activities   |
|   |   |

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kevin Smaka Signature:

Title: Regulatory Engineer Date: 4-4-2019

email:

kevin.smaka@duganproduction.com

Telephone:

505-325-1821

**OCD** Only an Received by:

Date: 4/5/19

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

| ant                  | 1 a to utalia                     |
|----------------------|-----------------------------------|
| Closure Approved by: | Date:                             |
| Printed Name:        | Title: <u>Environmental</u> Spec. |

# South Bisti Federal 29 #1

30-045-26730

### **BGT Release Closure Report**

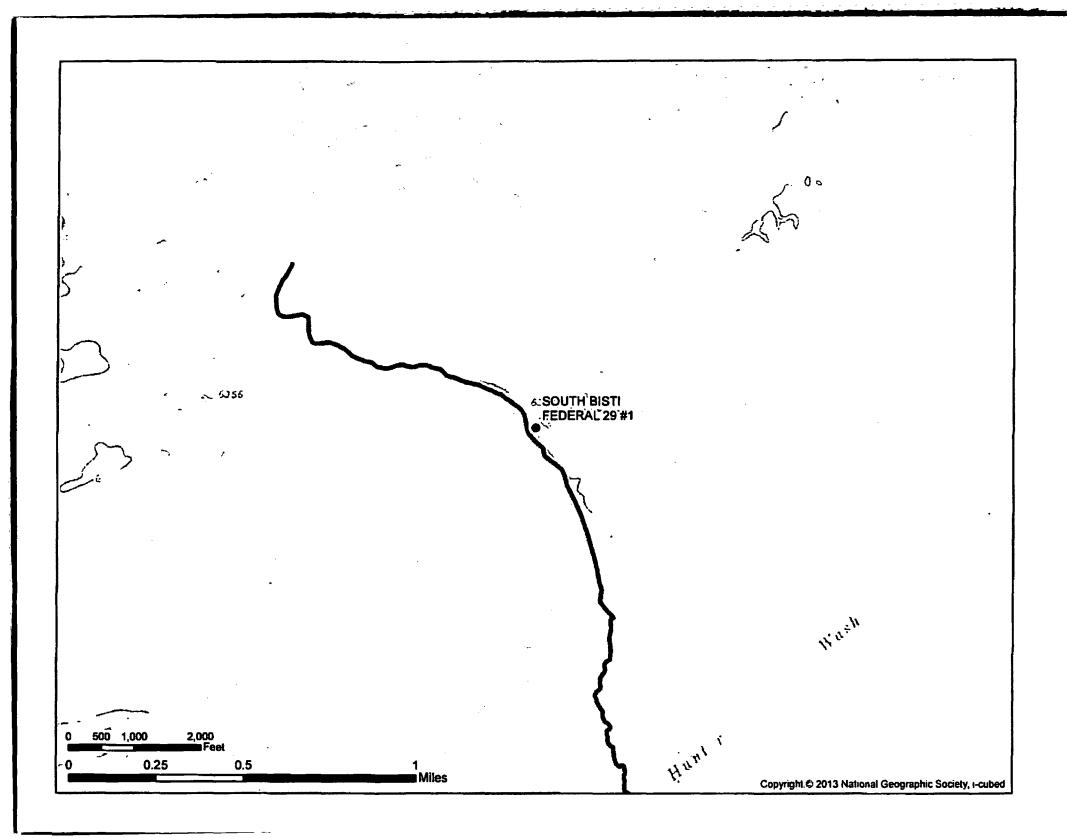
The South Bisti Federal 29 #1 is owned and operated by Four Corners exploration. Dugan Production Corp. provides pumping services for the well. The well was inspected by the NM OCD and they noted the BGT was buried by fill and sand. On 7-18-2018 Dugan, OCD inspectors and a contract crew witnessed the excavation of the side walls and bottom. As the bottom was reached there was an unplanned release in the pit. The release was caused by corrosion inside the BGT. A C-141 was filed and Dugan began coordinating with the well owner to determine the best course of action. The owner elected to remediate the spill via excavation and removal.

Weather delays and scheduling issues delayed the completion of remedial activities at the spill site. Beginning on March 18<sup>th</sup>, 2019 remediation and delineation activities began. First, test holes were dug 15 feet from the pit vault side walls in three of the 4 cardinal directions. The holes were dug to a depth of 15 feet and no contamination was detected. The east wall was left alone because a separator was resting above that wall and the operator desired the equipment be left in place if possible. Samples taken from that wall did not contain signs of contamination so we elected to not remove the equipment since that wall appeared to be clean.

The initial hole's size was roughly 20'x20'x10'. After removing all contaminated soils the hole grew to be 26'x31'x20'. Once Dugan was satisfied with the work that had been done the NMOCD and BLM were notified that samples would be taken, on March 28<sup>th</sup>, in the event the agency would like to witness the sampling. The samples came back within the allowable limits of the "spill rule" and the hole was back filled.

Included with this closure report are the following attachments.

- 1. A scaled site map
- 2. Sampling results
- 3. Sampling Diagram
- 4. Photographs of the BGT pit prior to back filling



|   | Wa   |         |              |              |   |           |     |                 | •            |                  | ngineer<br><mark>h to W</mark> | late           | r             |
|---|--|---------|--------------|--------------|---|-----------|-----|-----------------|--------------|------------------|--------------------------------|----------------|---------------|
| (A CLW##### in the<br>POD sulfix indicates the<br>POD hay been replaced<br>& no longer serves a<br>water right file.) | (R=POD<br>replaced,<br>O=orpha<br>C=the fil<br>closed) | ned,    | ••           | arters a     |   |           |     | E 3=SW<br>Ngen) |              | 3 UTM in meters  | ) (1                           | n <b>(cct)</b> |               |
| POD Number<br><u>SJ 00079</u>   | Code   | Sub-    | County<br>SJ | Q Q<br>64 16 | - | Sec<br>13 |     | Rng<br>12W      | X<br>225677  | ¥<br>4032403• 🕥  | DepthWellDept<br>2550          | •              | Vater<br>Duma |
| <u>SJ 01716</u>   |  | SJ      | SJ           | 2            | 3 | 01        | 25N | 12W             | 225189       | 4035835* 🚱       | 403                            | 210            | 193           |
|   |  |         |              |              |   |           |     |                 | 1            | Average Depth to | Water:                         | 210 fe         | et            |
|   |  |         |              |              |   |           |     |                 |              | Minimu           | m Depth:                       | 210 Fe         | et            |
|   |  |         |              |              |   |           |     |                 |              | Maximur          | n Depth:                       | 210 fe         | et            |
| Record Count: 2   |  |         |              |              |   |           |     |                 | ~ <b>-</b> . | · -              |                                |                |               |
| Basin/County Search<br>County: San Juan   | -  |         |              |              |   |           |     |                 |              |                  |                                |                |               |
| PLSS Search:  |  |         |              |              |   |           |     |                 |              |                  |                                |                |               |
| Section(s): 1-36  |  | Towashi | p: 25N       | Re           |   | : 12\     | v   |                 |              |                  |                                |                |               |

\_

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or autability for any particular purpose of the data.

WATER COLUMN/ AVERAGE DEPTH TO WATER

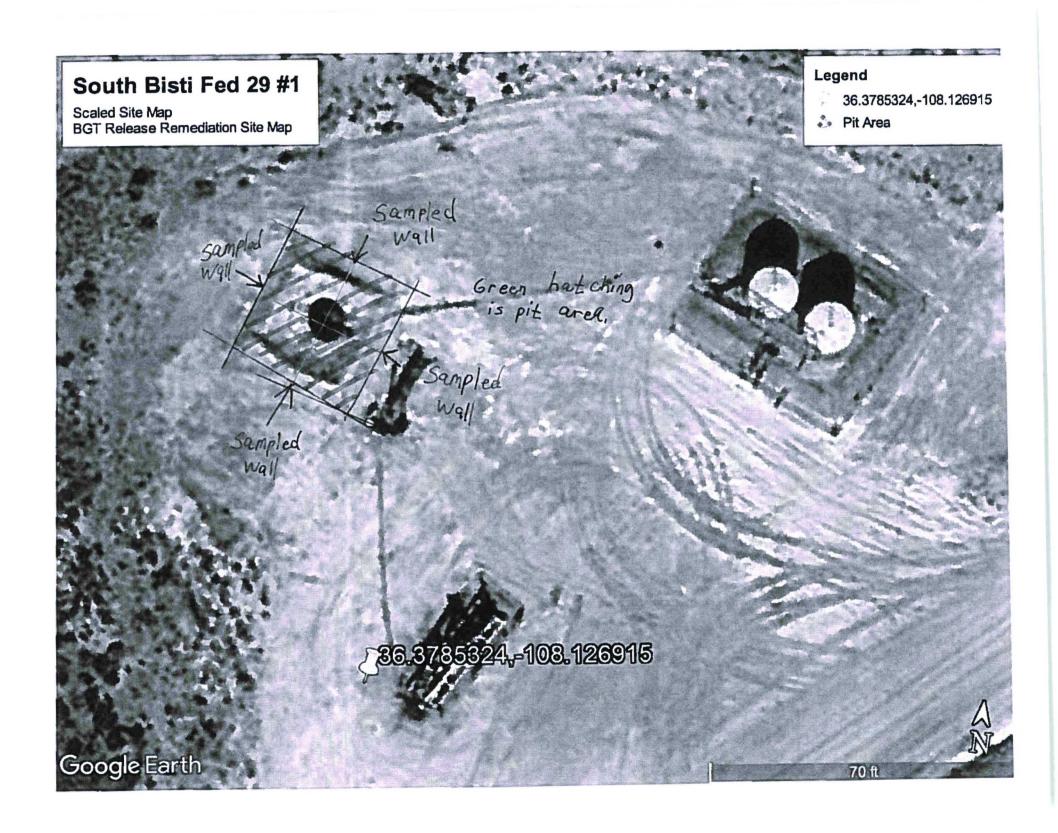
nmwrrs.ose.siaie.nm.us/nmwrrs/ReportProxy?queryData=%7B"report"%3A"waterColumn"%2C%0A"BasinDiv"%3A"true"%2C%0A"Basin"%3A"%2C... 1/1

## Closure documents for South Bisti Federal 29 #1

The shaded area in the scaled site map represents the extents of the pit excavation.

The four side walls and the bottom were sampled as the diagram indicates.

Additionally it has been determined that groundwater most nearly exists at a depth of 400'. We arrived at this conclusion after searching the iWaters database, reviewing reference manuals and examining hydro-geologic reports for offsetting wells.



# South Bisti Federal 29 #1

BGT Release Site Map

Legend

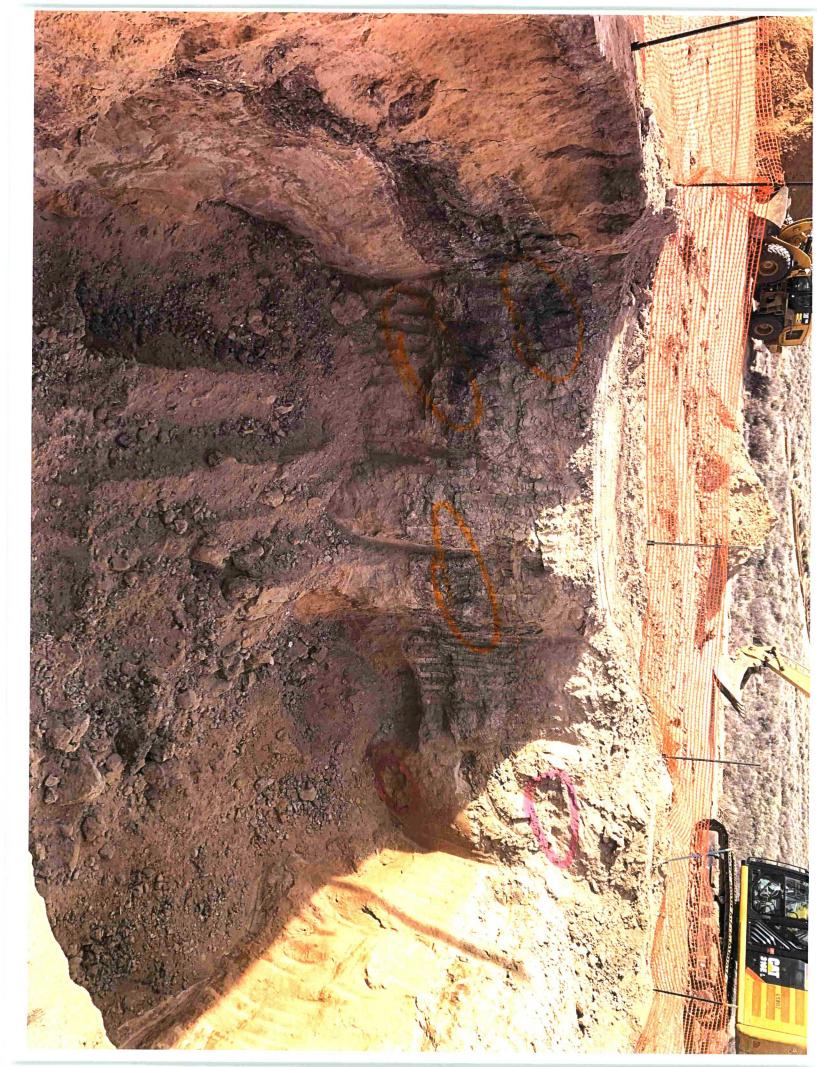
36.3785324,-108.126915

100 ft

36,3785324,-108.126915

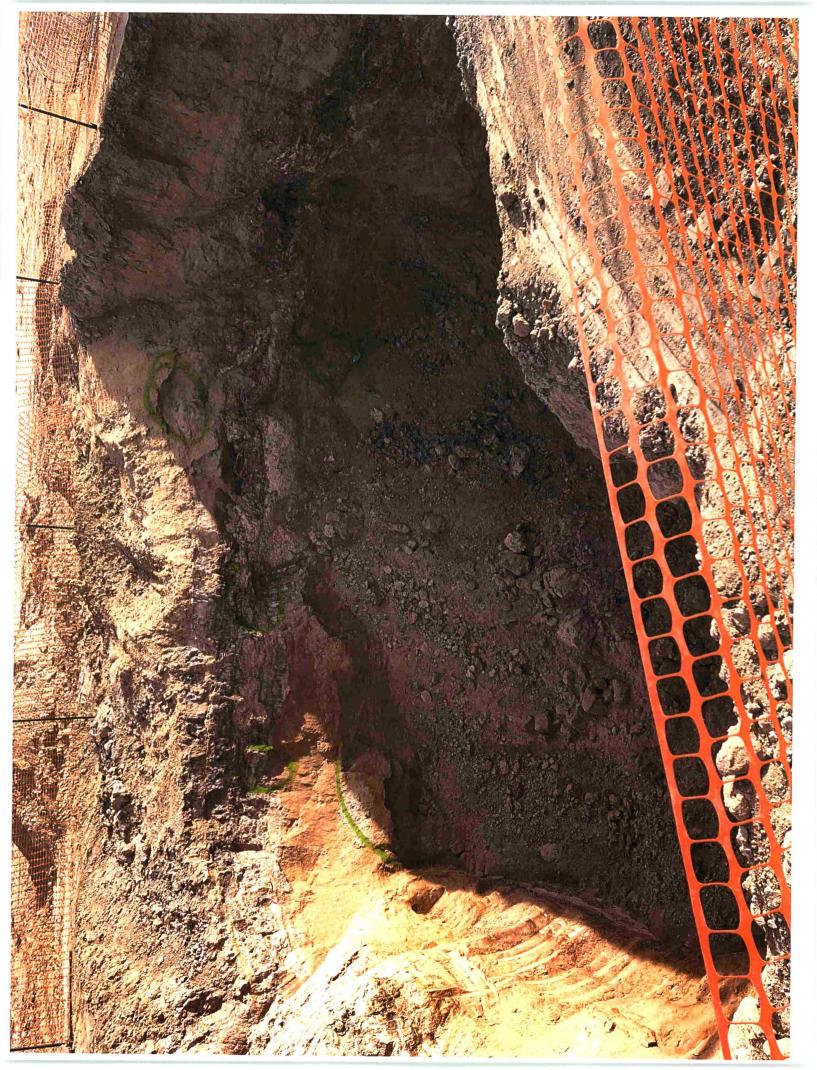
Google Earth

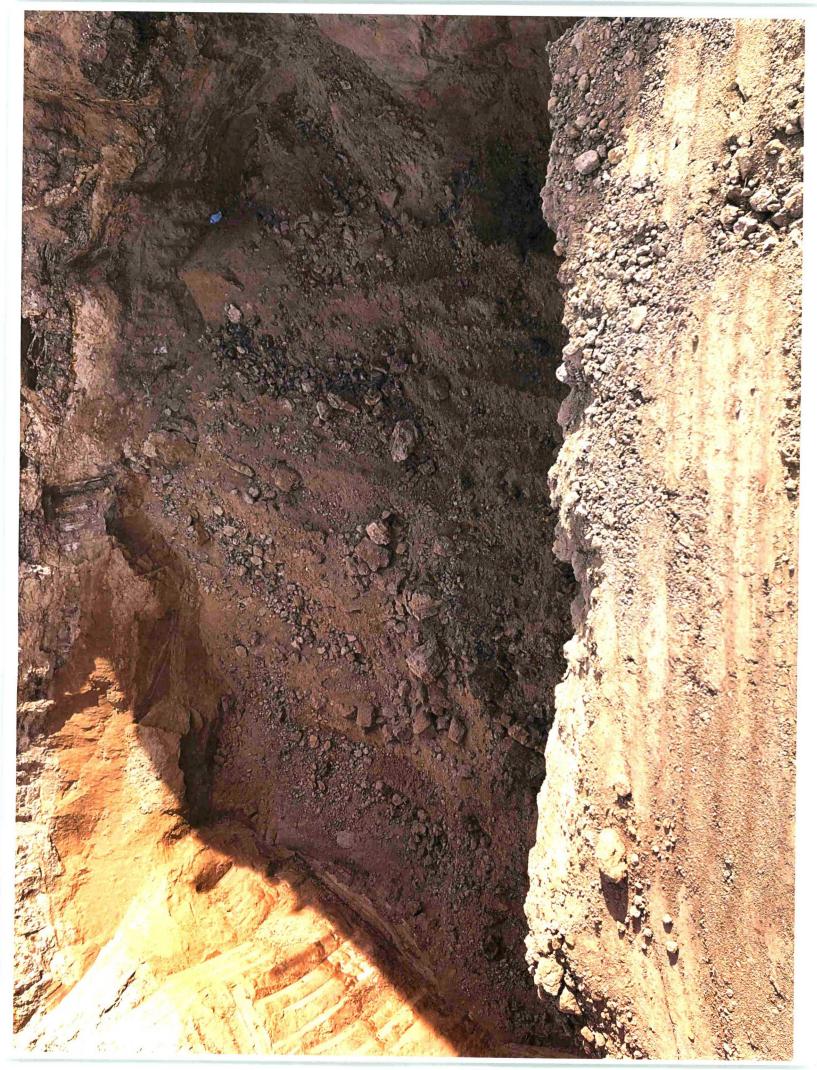


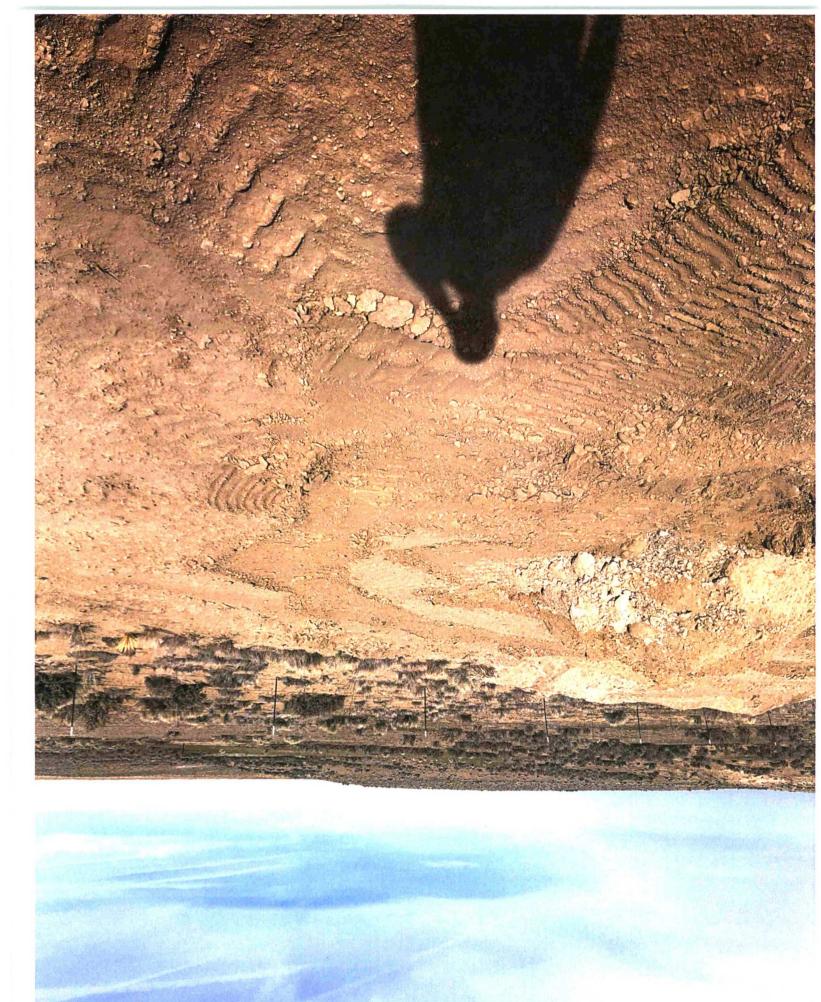




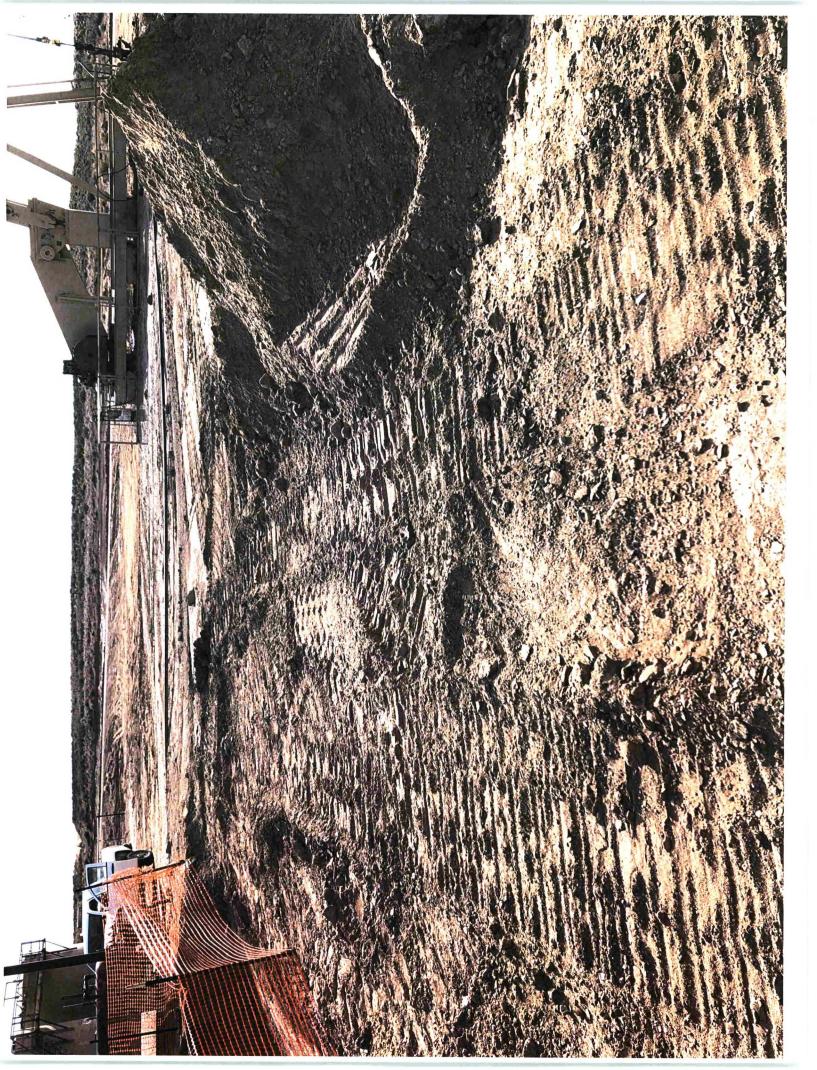














# **Analytical Report**

Report Summary

Client: Four Corners Exploration/Dugan Production

Samples Received: 3/28/2019 Job Number: 06094-0177 Work Order: P903075 Project Name/Location: South Bisti Fed 29 #1

Report Reviewed By:

Walter Hinken

Date: 4/2/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise. Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

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| Four Corners Explo | ration/Dugan Production | Project Name:    | South Bisti Fed 29 #1 |                |
|--------------------|-------------------------|------------------|-----------------------|----------------|
| 4100 W Piedras St  |                         | Project Number:  | 06094-0177            | Reported:      |
| Farmington NM, 87  | 499                     | Project Manager: | Mike Sandoval         | 04/02/19 17:25 |

### **Analyical Report for Samples**

| Client Sample ID         | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|--------------------------|---------------|--------|----------|----------|------------------|
| South Bisti Fed 29 #1 #1 | P903075-01A   | Soil   | 03/28/19 | 03/28/19 | Glass Jar, 4 oz. |
| South Bisti Fed 29 #1 #2 | P903075-02A   | Soil   | 03/28/19 | 03/28/19 | Glass Jar, 4 oz. |
| South Bisti Fed 29 #1 #3 | P903075-03A   | Soil   | 03/28/19 | 03/28/19 | Glass Jar, 4 oz. |
| South Bisti Fed 29 #1 #4 | P903075-04A   | Soil   | 03/28/19 | 03/28/19 | Glass Jar, 4 oz. |
| South Bisti Fed 29 #1 #B | P903075-05A   | Soil   | 03/28/19 | 03/28/19 | Glass Jar, 4 oz. |

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| Four Corners Exploration/Dugan Production | Project Name:   |           | South     | h Bisti Fed 2 | 9 #1           |          |           |                    |       |
|---|-----------------|-----------|-----------|---------------|----------------|----------|-----------|--------------------|-------|
| 4100 W Piedras St                         | Project Number: |           | 0609      | 4-0177        |                |          | Reported: |                    |       |
| Farmington NM, 87499                      | Projec          | Mike      | Sandoval  |               | 04/02/19 17:25 |          |           |                    |       |
|   |                 | South Bis |           |               |                |          |           |                    |       |
|   |                 |           | 75-01 (Se | olid)         |                |          |           |                    |       |
|   |                 | Reporting |           |               |                |          |           |                    |       |
| Analyte                                   | Result          | Limit     | Units     | Dilution      | Batch          | Prepared | Analyzed  | Method             | Notes |
| Volatile Organic Compounds by 8260        |                 |           |           |               |                |          |           |                    |       |
| Benzene                                   | ND              | 0.0250    | mg/kg     | 1             | 1914003        | 04/01/19 | 04/02/19  | EPA 8260B          |       |
| Toluene                                   | ND              | 0.0250    | mg/kg     | 1             | 1914003        | 04/01/19 | 04/02/19  | EPA 8260B          |       |
| Ethylbenzene                              | ND              | 0.0250    | mg/kg     | 1             | 1914003        | 04/01/19 | 04/02/19  | EPA 8260B          |       |
| p,m-Xylene                                | ND              | 0.0500    | mg/kg     | 1             | 1914003        | 04/01/19 | 04/02/19  | EPA 8260B          |       |
| o-Xylene                                  | ND              | 0.0250    | mg/kg     | 1             | 1914003        | 04/01/19 | 04/02/19  | EPA 8260B          |       |
| Total Xylenes                             | ND              | 0.0250    | mg/kg     | 1             | 1914003        | 04/01/19 | 04/02/19  | EPA 8260B          |       |
| Surrogate: 1,2-Dichloroethane-d4          |                 | 104 %     | 70        | -130          | 1914003        | 04/01/19 | 04/02/19  | EPA 8260B          |       |
| Surrogate: Toluene-d8                     |                 | 100 %     | 70        | -130          | 1914003        | 04/01/19 | 04/02/19  | EPA 8260B          |       |
| Surrogate: Bromofluorobenzene             |                 | 97.8 %    | 70        | -130          | 1914003        | 04/01/19 | 04/02/19  | EPA 8260B          |       |
| Nonhalogenated Organics by 8015           |                 |           |           |               |                |          |           |                    |       |
| Gasoline Range Organics (C6-C10)          | ND              | 20.0      | mg/kg     | 1             | 1914003        | 04/01/19 | 04/02/19  | EPA 8015D          |       |
| Diesel Range Organics (C10-C28)           | ND              | 25.0      | mg/kg     | 1             | 1913043        | 04/01/19 | 04/01/19  | EPA 8015D          |       |
| Oil Range Organics (C28-C40)              | ND              | 50.0      | mg/kg     | 1             | 1913043        | 04/01/19 | 04/01/19  | EPA 8015D          |       |
| Surrogate: n-Nonane                       |                 | 146 %     | 50        | -200          | 1913043        | 04/01/19 | 04/01/19  | EPA 8015D          |       |
| Surrogate: 1,2-Dichloroethane-d4          |                 | 104 %     | 70        | -130          | 1914003        | 04/01/19 | 04/02/19  | EPA 8015D          |       |
| Surrogate: Toluene-d8                     |                 | 100 %     | 70        | -130          | 1914003        | 04/01/19 | 04/02/19  | EPA 8015D          |       |
| Surrogate: Bromofluorobenzene             |                 | 97.8 %    | 70        | -130          | 1914003        | 04/01/19 | 04/02/19  | EPA 8015D          |       |
| Anions by 300.0/9056A                     |                 |           |           |               |                |          |           |                    |       |
| Chloride                                  | 48.1            | 20.0      | mg/kg     | 1             | 1914002        | 04/01/19 | 04/01/19  | EPA<br>300.0/9056A |       |

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| Four Corners Exploration/Dugan Production<br>4100 W Piedras St<br>Farmington NM, 87499 | Project Name:<br>Project Number:<br>Project Manager: |               | 06094                   | Bisti Fed 2<br>4-0177<br>Sandoval | <b>Reported:</b><br>04/02/19 17:25 |          |          |                    |       |
|--|--|---------------|-------------------------|-----------------------------------|------------------------------------|----------|----------|--------------------|-------|
|  |  | South Bis     | sti Fed 29<br>75-02 (So |                                   |                                    |          |          |                    |       |
|  |  | Reporting     | 10.02 (00               |                                   |                                    |          |          |                    |       |
| Analyte  | Result   | Limit         | Units                   | Dilution                          | Batch                              | Prepared | Analyzed | Method             | Notes |
| Volatile Organic Compounds by 8260   | <u>.</u>   |               |                         |                                   | ·                                  |          |          |                    |       |
| Benzene  | ND   | 0.0250        | mg/kg                   | 1                                 | 1914003                            | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Toluene  | ND   | 0.0250        | mg/kg                   | 1                                 | 1914003                            | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Ethylbenzene   | ND   | 0.0250        | mg/kg                   | 1                                 | 1914003                            | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| p,m-Xylene   | ND   | 0.0500        | mg/kg                   | 1                                 | 1914003                            | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| o-Xylene   | ND   | 0.0250        | mg/kg                   | 1                                 | 1914003                            | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Total Xylenes  | ND   | 0.0250        | mg/kg                   | 1                                 | 1914003                            | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: 1,2-Dichloroethane-d4   |  | 95.4 %        | 70-                     | 130                               | 1914003                            | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: Toluene-d8  |  | 99.2 %        | 70-                     | 130                               | 1914003                            | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: Bromofluorobenzene  |  | 99.1 %        | 70-                     | 130                               | 1914003                            | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Nonhalogenated Organics by 8015  |  |               |                         |                                   |                                    |          |          |                    |       |
| Gasoline Range Organics (C6-C10)   | ND   | 20.0          | mg/kg                   | 1                                 | 1914003                            | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Diesel Range Organics (C10-C28)  | 49.2   | 25.0          | mg/kg                   | 1                                 | 1913043                            | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Oil Range Organics (C28-C40)   | ND   | 50.0          | mg/kg                   | 1                                 | 1913043                            | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Surrogate: n-Nonane  |  | 109 %         | 50-                     | 200                               | 1913043                            | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Surrogate: 1,2-Dichloroethane-d4   |  | 95.4 %        | 70-                     | 130                               | 1914003                            | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Surrogate: Toluene-d8  |  | <i>99.2 %</i> | 70-                     | 130                               | 1914003                            | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Surrogate: Bromofluorobenzene  |  | 99.1 %        | 70-                     | 130                               | 1914003                            | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Anions by 300.0/9056A  |  |               |                         |                                   |                                    |          |          |                    |       |
| Chloride   | 214  | 20.0          | mg/kg                   | 1                                 | 1914002                            | 04/01/19 | 04/01/19 | EPA<br>300.0/9056A |       |

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| Four Corners Exploration/Dugan Production<br>4100 W Piedras St | 5      | t Name:<br>t Number: |           | n Bisti Fed 2<br>4-0177 | 9 #1    |          |          | Reported:          |       |
|--|--------|----------------------|-----------|-------------------------|---------|----------|----------|--------------------|-------|
| Farmington NM, 87499   | 5      | t Manager:           |           | Sandoval                |         |          |          | 04/02/19 17:       | 25    |
|  |        | South Bis            |           |                         |         |          |          |                    |       |
|  |        |                      | 75-03 (So | olid)                   |         |          |          |                    |       |
|  |        | Reporting            |           |                         |         |          |          |                    |       |
| Analyte  | Result | Limit                | Units     | Dilution                | Batch   | Prepared | Analyzed | Method             | Notes |
| Volatile Organic Compounds by 8260                             |        |                      |           |                         |         |          |          |                    |       |
| Benzene  | ND     | 0.0250               | mg/kg     | 1                       | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Toluene  | ND     | 0.0250               | mg/kg     | 1                       | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Ethylbenzene   | ND     | 0.0250               | mg/kg     | 1                       | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| p,m-Xylene   | ND     | 0.0500               | mg/kg     | 1                       | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| o-Xylene   | ND     | 0.0250               | mg/kg     | 1                       | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Total Xylenes  | ND     | 0.0250               | mg/kg     | 1                       | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: 1,2-Dichloroethane-d4                               |        | 97.6 %               | 70-       | -130                    | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: Toluene-d8  |        | 99.6 %               | 70-       | -130                    | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: Bromofluorobenzene                                  |        | 97.6 %               | 70-       | -130                    | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Nonhalogenated Organics by 8015                                |        |                      |           |                         |         |          |          |                    |       |
| Gasoline Range Organics (C6-C10)                               | ND     | 20.0                 | mg/kg     | 1                       | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Diesel Range Organics (C10-C28)                                | 98.8   | 25.0                 | mg/kg     | 1                       | 1913043 | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Oil Range Organics (C28-C40)                                   | ND     | 50.0                 | mg/kg     | 1                       | 1913043 | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Surrogate: n-Nonane  |        | 106 %                | 50        | -200                    | 1913043 | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Surrogate: 1,2-Dichloroethane-d4                               |        | 97.6 %               | 70-       | -130                    | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Surrogate: Toluene-d8  |        | 99.6 %               | 70-       | -130                    | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Surrogate: Bromofluorobenzene                                  |        | 97.6 %               | 70        | -130                    | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Anions by 300.0/9056A  |        |                      |           |                         |         |          |          |                    |       |
| Chloride   | 318    | 20.0                 | mg/kg     | 1                       | 1914002 | 04/01/19 | 04/01/19 | EPA<br>300.0/9056A |       |

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| Four Corners Exploration/Dugan Production |        | t Name:    |                        | n Bisti Fed 2 | 9 #1    |          |          |                    |       |
|---|--------|------------|------------------------|---------------|---------|----------|----------|--------------------|-------|
| 4100 W Piedras St                         | 5      | t Number:  |                        | 4-0177        |         |          |          | Reported:          |       |
| Farmington NM, 87499                      | Projec | t Manager: | Mike                   | Sandoval      |         |          |          | 04/02/19 17:       | 25    |
|   |        | South Bis  | sti Fed 2<br>75-04 (So |               |         |          |          |                    |       |
|   |        | Reporting  |                        |               |         |          |          |                    |       |
| Analyte                                   | Result | Limit      | Units                  | Dilution      | Batch   | Prepared | Analyzed | Method             | Notes |
| Volatile Organic Compounds by 8260        |        |            |                        |               |         |          |          |                    |       |
| Benzene                                   | ND     | 0.0250     | mg/kg                  | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Toluene                                   | ND     | 0.0250     | mg/kg                  | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Ethylbenzene                              | ND     | 0.0250     | mg/kg                  | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| p,m-Xylene                                | ND     | 0.0500     | mg/kg                  | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| o-Xylene                                  | ND     | 0.0250     | mg/kg                  | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Total Xylenes                             | ND     | 0.0250     | mg/kg                  | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: 1,2-Dichloroethane-d4          |        | 96.4 %     | 70-                    | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: Toluene-d8                     |        | 99.8 %     | 70-                    | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: Bromofluorobenzene             |        | 97.0 %     | 70-                    | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Nonhalogenated Organics by 8015           |        |            |                        |               |         |          |          |                    |       |
| Gasoline Range Organics (C6-C10)          | ND     | 20.0       | mg/kg                  | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Diesel Range Organics (C10-C28)           | ND     | 25.0       | mg/kg                  | 1             | 1913043 | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Oil Range Organics (C28-C40)              | ND     | 50.0       | mg/kg                  | 1             | 1913043 | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Surrogate: n-Nonane                       |        | 103 %      | 50-                    | -200          | 1913043 | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Surrogate: 1,2-Dichloroethane-d4          |        | 96.4 %     | 70-                    | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Surrogate: Toluene-d8                     |        | 99.8 %     | 70-                    | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Surrogate: Bromofluorobenzene             |        | 97.0 %     | 70-                    | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Anions by 300.0/9056A                     |        |            |                        |               |         |          |          |                    |       |
| Chloride                                  | 377    | 20.0       | mg/kg                  | 1             | 1914002 | 04/01/19 | 04/01/19 | EPA<br>300.0/9056A |       |

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| Four Corners Exploration/Dugan Production | Projec | t Name:    | South     | n Bisti Fed 2 | 9 #1    |          |          |                    |       |
|---|--------|------------|-----------|---------------|---------|----------|----------|--------------------|-------|
| 4100 W Piedras St                         | Projec | t Number:  | 0609      | 4-0177        |         |          |          | Reported:          |       |
| Farmington NM, 87499                      | Projec | t Manager: | Mike      | Sandoval      |         |          |          | 04/02/19 17:       | 25    |
|   |        | South Bis  |           |               |         |          |          |                    |       |
|   |        | Reporting  | 75-05 (So | olid)         |         |          |          |                    |       |
|   |        |            |           |               |         |          |          |                    |       |
| Analyte                                   | Result | Limit      | Units     | Dilution      | Batch   | Prepared | Analyzed | Method             | Notes |
| Volatile Organic Compounds by 8260        |        |            |           |               |         |          |          |                    |       |
| Benzene                                   | ND     | 0.0250     | mg/kg     | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Toluene                                   | ND     | 0.0250     | mg/kg     | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Ethylbenzene                              | ND     | 0.0250     | mg/kg     | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| p,m-Xylene                                | ND     | 0.0500     | mg/kg     | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| o-Xylene                                  | ND     | 0.0250     | mg/kg     | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Total Xylenes                             | ND     | 0.0250     | mg/kg     | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: 1,2-Dichloroethane-d4          |        | 93.9 %     | 70-       | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: Toluene-d8                     |        | 99.9 %     | 70-       | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Surrogate: Bromofluorobenzene             |        | 100 %      | 70-       | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8260B          |       |
| Nonhalogenated Organics by 8015           |        |            |           |               |         |          |          |                    |       |
| Gasoline Range Organics (C6-C10)          | ND     | 20.0       | mg/kg     | 1             | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Diesel Range Organics (C10-C28)           | 99.6   | 25.0       | mg/kg     | 1             | 1913043 | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Oil Range Organics (C28-C40)              | ND     | 50.0       | mg/kg     | 1             | 1913043 | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Surrogate: n-Nonane                       |        | 99.9 %     | 50-       | -200          | 1913043 | 04/01/19 | 04/01/19 | EPA 8015D          |       |
| Surrogate: 1,2-Dichloroethane-d4          |        | 93.9 %     | 70-       | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Surrogate: Toluene-d8                     |        | 99.9 %     | 70-       | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Surrogate: Bromofluorobenzene             |        | 100 %      | 70-       | -130          | 1914003 | 04/01/19 | 04/02/19 | EPA 8015D          |       |
| Anions by 300.0/9056A                     |        |            |           |               |         |          |          |                    |       |
| Chloride                                  | 314    | 20.0       | mg/kg     | 1             | 1914002 | 04/01/19 | 04/01/19 | EPA<br>300.0/9056A |       |

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| Four Corners Exploration/Dugan Production | Project Name:    | South Bisti Fed 29 #1 |                |
|---|------------------|-----------------------|----------------|
| 4100 W Piedras St                         | Project Number:  | 06094-0177            | Reported:      |
| Farmington NM, 87499                      | Project Manager: | Mike Sandoval         | 04/02/19 17:25 |

#### Volatile Organic Compounds by 8260 - Quality Control

### **Envirotech Analytical Laboratory**

| Analyte                                  | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC        | %REC<br>Limits | RPD    | RPD<br>Limit | Notes |
|--|--------|--------------------|-------|----------------|------------------|-------------|----------------|--------|--------------|-------|
| Batch 1914003 - Purge and Trap EPA 5030A |        |                    |       |                |                  |             |                |        |              |       |
| Blank (1914003-BLK1)                     |        |                    |       | Prepared: (    | 04/01/19 1 A     | nalyzed: 0  | 4/02/19 1      |        |              |       |
| Benzene                                  | ND     | 0.0250             | mg/kg |                |                  |             |                |        |              |       |
| Toluene                                  | ND     | 0.0250             |       |                |                  |             |                |        |              |       |
| Ethylbenzene                             | ND     | 0.0250             |       |                |                  |             |                |        |              |       |
| o,m-Xylene                               | ND     | 0.0500             |       |                |                  |             |                |        |              |       |
| o-Xylene                                 | ND     | 0.0250             | "     |                |                  |             |                |        |              |       |
| Total Xylenes                            | ND     | 0.0250             |       |                |                  |             |                |        |              |       |
| Surrogate: 1,2-Dichloroethane-d4         | 0.498  |                    | "     | 0.500          |                  | 99.6        | 70-130         |        |              |       |
| Surrogate: Toluene-d8                    | 0.505  |                    | "     | 0.500          |                  | 101         | 70-130         |        |              |       |
| Surrogate: Bromofluorobenzene            | 0.487  |                    | "     | 0.500          |                  | 97.3        | 70-130         |        |              |       |
| LCS (1914003-BS1)                        |        |                    |       | Prepared: (    | 04/01/19 1 A     | analyzed: 0 | 4/02/19 1      |        |              |       |
| Benzene                                  | 2.49   | 0.0250             | mg/kg | 2.50           |                  | 99.7        | 70-130         |        |              |       |
| Foluene                                  | 2.46   | 0.0250             | "     | 2.50           |                  | 98.2        | 70-130         |        |              |       |
| Ethylbenzene                             | 2.41   | 0.0250             |       | 2.50           |                  | 96.4        | 70-130         |        |              |       |
| o,m-Xylene                               | 4.71   | 0.0500             | н     | 5.00           |                  | 94.1        | 70-130         |        |              |       |
| p-Xylene                                 | 2.34   | 0.0250             | н     | 2.50           |                  | 93.6        | 70-130         |        |              |       |
| Total Xylenes                            | 7.05   | 0.0250             |       | 7.50           |                  | 94.0        | 70-130         |        |              |       |
| Surrogate: 1,2-Dichloroethane-d4         | 0.498  |                    | "     | 0.500          |                  | 99.6        | 70-130         |        |              |       |
| Surrogate: Toluene-d8                    | 0.509  |                    | "     | 0.500          |                  | 102         | 70-130         |        |              |       |
| Surrogate: Bromofluorobenzene            | 0.483  |                    | "     | 0.500          |                  | 96.6        | 70-130         |        |              |       |
| Matrix Spike (1914003-MS1)               | Sou    | rce: P903075-      | 01    | Prepared: (    | 04/01/19 1 A     | nalvzed: 0  | 4/02/19 1      |        |              |       |
| Benzene                                  | 2.54   | 0.0250             | mg/kg | 2.50           | ND               | 101         | 48-131         |        |              |       |
| Toluene                                  | 2.48   | 0.0250             | "     | 2.50           | ND               | 99.1        | 48-130         |        |              |       |
| Ethylbenzene                             | 2.45   | 0.0250             | н     | 2.50           | ND               | 98.0        | 45-135         |        |              |       |
| p,m-Xylene                               | 4.78   | 0.0500             |       | 5.00           | ND               | 95.7        | 43-135         |        |              |       |
| p-Xylene                                 | 2.38   | 0.0250             |       | 2.50           | ND               | 95.4        | 43-135         |        |              |       |
| Total Xylenes                            | 7.17   | 0.0250             | **    | 7.50           | ND               | 95.6        | 43-135         |        |              |       |
| Surrogate: 1,2-Dichloroethane-d4         | 0.503  |                    | "     | 0.500          |                  | 101         | 70-130         |        |              |       |
| Surrogate: Toluene-d8                    | 0.501  |                    | "     | 0.500          |                  | 100         | 70-130         |        |              |       |
| Surrogate: Bromofluorobenzene            | 0.495  |                    | "     | 0.500          |                  | 98.9        | 70-130         |        |              |       |
| Matrix Spike Dup (1914003-MSD1)          | Sou    | rce: P903075-      | 01    | Prepared: (    | 04/01/19 1 A     | Analyzed: 0 | 4/02/19 1      |        |              |       |
| Benzene                                  | 2.54   | 0.0250             | mg/kg | 2.50           | ND               | 101         | 48-131         | 0.0394 | 23           |       |
| Foluene                                  | 2.47   | 0.0250             | "     | 2.50           | ND               | 98.8        | 48-130         | 0.283  | 24           |       |
| Ethylbenzene                             | 2.44   | 0.0250             |       | 2.50           | ND               | 97.7        | 45-135         | 0.327  | 27           |       |
| p,m-Xylene                               | 4.77   | 0.0500             |       | 5.00           | ND               | 95.4        | 43-135         | 0.314  | 27           |       |
| p-Xylene                                 | 2.38   | 0.0250             | н     | 2.50           | ND               | 95.3        | 43-135         | 0.0629 | 27           |       |
| Total Xylenes                            | 7.15   | 0.0250             |       | 7.50           | ND               | 95.3        | 43-135         | 0.230  | 27           |       |
| Surrogate: 1,2-Dichloroethane-d4         | 0.511  |                    | "     | 0.500          |                  | 102         | 70-130         |        |              |       |
| Surrogate: Toluene-d8                    | 0.502  |                    | "     | 0.500          |                  | 100         | 70-130         |        |              |       |

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| Four Corners Exploration/Dugan Production            | Pro    | ject Name:    | Se    | outh Bisti Fed | 29 #1        |             |           |     |          |       |
|--|--------|---------------|-------|----------------|--------------|-------------|-----------|-----|----------|-------|
| 4100 W Piedras St                                    | Pro    | ject Number:  | 06    | 5094-0177      |              |             |           |     | Report   | ed:   |
| Farmington NM, 87499                                 | Pro    | ject Manager: | M     | like Sandoval  |              |             |           |     | 04/02/19 | 17:25 |
| Volatile Organic Compounds by 8260 - Quality Control |        |               |       |                |              |             |           |     |          |       |
| Envirotech Analytical Laboratory                     |        |               |       |                |              |             |           |     |          |       |
|  |        | Reporting     |       | Spike          | Source       |             | %REC      |     | RPD      |       |
| Analyte  | Result | Limit         | Units | Level          | Result       | %REC        | Limits    | RPD | Limit    | Notes |
| Batch 1914003 - Purge and Trap EPA 5030A             |        |               |       |                |              |             |           |     |          |       |
| Matrix Spike Dup (1914003-MSD1)                      | Sou    | rce: P903075- | 01    | Prepared: 0    | 04/01/19 1 A | Analyzed: 0 | 4/02/19 1 |     |          |       |
| Surrogate: Bromofluorobenzene                        | 0.500  |               | mg/kg | 0.500          |              | 99.9        | 70-130    |     |          |       |

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| Four Corners Exploration/Dugan Production | Project Name:    | South Bisti Fed 29 #1 |                |
|---|------------------|-----------------------|----------------|
| 4100 W Piedras St                         | Project Number:  | 06094-0177            | Reported:      |
| Farmington NM, 87499                      | Project Manager: | Mike Sandoval         | 04/02/19 17:25 |

### Nonhalogenated Organics by 8015 - Quality Control

### **Envirotech Analytical Laboratory**

|   |        | Reporting     |       | Spike      | Source    |            | %REC   |      | RPD   |       |
|---|--------|---------------|-------|------------|-----------|------------|--------|------|-------|-------|
| Analyte                                 | Result | Limit         | Units | Level      | Result    | %REC       | Limits | RPD  | Limit | Notes |
| Batch 1913043 - DRO Extraction EPA 3570 |        |               |       |            |           |            |        |      |       |       |
| Blank (1913043-BLK1)                    |        |               |       | Prepared & | Analyzed: | 04/01/19 1 |        |      |       |       |
| Diesel Range Organics (C10-C28)         | ND     | 25.0          | mg/kg |            |           |            |        |      |       |       |
| Oil Range Organics (C28-C40)            | ND     | 50.0          |       |            |           |            |        |      |       |       |
| Surrogate: n-Nonane                     | 58.7   |               | "     | 50.0       |           | 117        | 50-200 |      |       |       |
| LCS (1913043-BS1)                       |        |               |       | Prepared & | Analyzed: | 04/01/19 1 |        |      |       |       |
| Diesel Range Organics (C10-C28)         | 468    | 25.0          | mg/kg | 500        |           | 93.6       | 38-132 |      |       |       |
| Surrogate: n-Nonane                     | 48.4   |               | "     | 50.0       |           | 96.9       | 50-200 |      |       |       |
| Matrix Spike (1913043-MS1)              | Sou    | rce: P903075- | 05    | Prepared & | Analyzed: | 04/01/19 1 |        |      |       |       |
| Diesel Range Organics (C10-C28)         | 553    | 25.0          | mg/kg | 500        | 99.6      | 90.7       | 38-132 |      |       |       |
| Surrogate: n-Nonane                     | 45.3   |               | "     | 50.0       |           | 90.6       | 50-200 |      |       |       |
| Matrix Spike Dup (1913043-MSD1)         | Sou    | rce: P903075- | 05    | Prepared & | Analyzed: | 04/01/19 1 |        |      |       |       |
| Diesel Range Organics (C10-C28)         | 569    | 25.0          | mg/kg | 500        | 99.6      | 93.8       | 38-132 | 2.83 | 20    |       |
| Surrogate: n-Nonane                     | 48.1   |               | "     | 50.0       |           | 96.2       | 50-200 |      |       |       |

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| Four Corners Exploration/Dugan Production | Project Name:    | South Bisti Fed 29 #1 |                |
|---|------------------|-----------------------|----------------|
| 4100 W Piedras St                         | Project Number:  | 06094-0177            | Reported:      |
| Farmington NM, 87499                      | Project Manager: | Mike Sandoval         | 04/02/19 17:25 |

#### Nonhalogenated Organics by 8015 - Quality Control

|  | En     | virotech A   | Analyti | cal Labor   | atory        |             |           |      |       |       |
|--|--------|--------------|---------|-------------|--------------|-------------|-----------|------|-------|-------|
|  |        | Reporting    |         | Spike       | Source       |             | %REC      |      | RPD   |       |
| Analyte                                  | Result | Limit        | Units   | Level       | Result       | %REC        | Limits    | RPD  | Limit | Notes |
| Batch 1914003 - Purge and Trap EPA 5030A |        |              |         |             |              |             |           |      |       |       |
| Blank (1914003-BLK1)                     |        |              |         | Prepared: ( | 04/01/19 1 A | Analyzed: 0 | 4/02/19 1 |      |       |       |
| Gasoline Range Organics (C6-C10)         | ND     | 20.0         | mg/kg   |             |              |             |           |      |       |       |
| Surrogate: 1,2-Dichloroethane-d4         | 0.498  |              | "       | 0.500       |              | 99.6        | 70-130    |      |       |       |
| Surrogate: Toluene-d8                    | 0.505  |              | "       | 0.500       |              | 101         | 70-130    |      |       |       |
| Surrogate: Bromofluorobenzene            | 0.487  |              | "       | 0.500       |              | 97.3        | 70-130    |      |       |       |
| LCS (1914003-BS2)                        |        |              |         | Prepared: 0 | 04/01/19 1 A | Analyzed: 0 | 4/02/19 1 |      |       |       |
| Gasoline Range Organics (C6-C10)         | 48.3   | 20.0         | mg/kg   | 50.0        |              | 96.7        | 70-130    |      |       |       |
| Surrogate: 1,2-Dichloroethane-d4         | 0.499  |              | "       | 0.500       |              | 99.7        | 70-130    |      |       |       |
| Surrogate: Toluene-d8                    | 0.502  |              | "       | 0.500       |              | 100         | 70-130    |      |       |       |
| Surrogate: Bromofluorobenzene            | 0.483  |              | "       | 0.500       |              | 96.6        | 70-130    |      |       |       |
| Matrix Spike (1914003-MS2)               | Sour   | ce: P903075- | 01      | Prepared: ( | 04/01/19 1 / | Analyzed: 0 | 4/02/19 1 |      |       |       |
| Gasoline Range Organics (C6-C10)         | 46.2   | 20.0         | mg/kg   | 50.0        | ND           | 92.4        | 70-130    |      |       |       |
| Surrogate: 1,2-Dichloroethane-d4         | 0.507  |              | "       | 0.500       |              | 101         | 70-130    |      |       |       |
| Surrogate: Toluene-d8                    | 0.497  |              | "       | 0.500       |              | 99.4        | 70-130    |      |       |       |
| Surrogate: Bromofluorobenzene            | 0.496  |              | "       | 0.500       |              | 99.1        | 70-130    |      |       |       |
| Matrix Spike Dup (1914003-MSD2)          | Sour   | ce: P903075- | 01      | Prepared: ( | 04/01/19 1 A | Analyzed: 0 | 4/02/19 1 |      |       |       |
| Gasoline Range Organics (C6-C10)         | 50.7   | 20.0         | mg/kg   | 50.0        | ND           | 101         | 70-130    | 9.25 | 20    |       |
| Surrogate: 1,2-Dichloroethane-d4         | 0.495  |              | "       | 0.500       |              | 98.9        | 70-130    |      |       |       |
| Surrogate: Toluene-d8                    | 0.505  |              | "       | 0.500       |              | 101         | 70-130    |      |       |       |
| Surrogate: Bromofluorobenzene            | 0.493  |              | "       | 0.500       |              | 98.5        | 70-130    |      |       |       |

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| Four Corners Exploration/Dugan Production  | Proje                           | ect Name:    | Sc                   | outh Bisti Fee                           | 1 29 #1                      |   |  |     |          |       |
|--|---------------------------------|--------------|----------------------|--|------------------------------|---|--|-----|----------|-------|
| 4100 W Piedras St  | Proje                           | ect Number:  | 06                   | 5094-0177                                |                              |   |  |     | Report   | ed:   |
| Farmington NM, 87499   | Proje                           | ect Manager: | Μ                    | like Sandoval                            |                              |   |  |     | 04/02/19 | 17:25 |
|  | Anio                            | ns by 300.0  | )/9056A              | - Quality                                | Control                      |   |  |     |          |       |
|  | En                              | virotech A   | Analytic             | cal Labor                                | atory                        |   |  |     |          |       |
|  |                                 | Reporting    |                      | Spike                                    | Source                       |   | %REC                                       |     | RPD      |       |
| Analyte  | Result                          | Limit        | Units                | Level                                    | Result                       | %REC                                      | Limits                                     | RPD | Limit    | Notes |
| Batch 1914002 - Anion Extraction EPA 300.  | .0/9056A                        |              |                      |  |                              |   |  |     |          |       |
| Blank (1914002-BLK1)   | .0/9056A                        | 20.0         | mg/kg                | Prepared: (                              | )4/01/19 0 <i>A</i>          | Analyzed: 0                               | 4/01/19 1                                  |     |          |       |
| Blank (1914002-BLK1)<br>Chloride   |                                 | 20.0         | mg/kg                |  | )4/01/19 0 A<br>)4/01/19 0 A |   |  |     |          |       |
| Blank (1914002-BLK1)<br>Chloride<br>LCS (1914002-BS1)  |                                 | 20.0         | mg/kg<br>mg/kg       |  |                              |   |  |     |          |       |
| Blank (1914002-BLK1)<br>Chloride<br>LCS (1914002-BS1)<br>Chloride  | ND<br>256                       |              | mg/kg                | Prepared: (<br>250                       |                              | Analyzed: 0<br>102                        | 4/01/19 1<br>90-110                        |     |          |       |
| Blank (1914002-BLK1)<br>Chloride<br>LCS (1914002-BS1)<br>Chloride<br>Matrix Spike (1914002-MS1)  | ND<br>256                       | 20.0         | mg/kg                | Prepared: (<br>250                       | 04/01/19 0 A                 | Analyzed: 0<br>102                        | 4/01/19 1<br>90-110                        |     |          |       |
| Batch 1914002 - Anion Extraction EPA 300. Blank (1914002-BLK1) Chloride LCS (1914002-BS1) Chloride Matrix Spike (1914002-MS1) Chloride Matrix Spike Dup (1914002-MSD1) | ND<br>256<br><b>Sour</b><br>295 | 20.0         | mg/kg<br>01<br>mg/kg | Prepared: (<br>250<br>Prepared: (<br>250 | )4/01/19 0 A<br>)4/01/19 0 A | Analyzed: 0<br>102<br>Analyzed: 0<br>98.6 | 4/01/19 1<br>90-110<br>4/01/19 1<br>80-120 |     |          |       |

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| Four Corners Exploration/Dugan Production | Project Name:    | South Bisti Fed 29 #1 |                |
|---|------------------|-----------------------|----------------|
| 4100 W Piedras St                         | Project Number:  | 06094-0177            | Reported:      |
| Farmington NM, 87499                      | Project Manager: | Mike Sandoval         | 04/02/19 17:25 |

#### **Notes and Definitions**

| DET | Analyte DETECTED                                     |
|-----|--|
| ND  | Analyte NOT DETECTED at or above the reporting limit |
| NR  | Not Reported   |
| RPD | Relative Percent Difference                          |
| **  | Methods marked with ** are non-accredited methods.   |

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| P  |  | 930<br>510  |  | O6<br>Analy   | Nun  | nber<br>nd Me  | 177   |   |   | RCR  | A C  | rogram<br>WA SDV<br>State<br>1 CO UT<br>Remarks   |
|--|--|---|--|---|--|--|---|---|---|--|--|---|
| ab   |  | 030<br>510  | Τ  | O6<br>Analy   | sis ar   | 4-0<br>nd Me   | 177   |   | 3D  | RCR  | NM   | State<br>1 CO UT  |
|  | DRO/ORO by 8015  | GRO/DRO by 8015   | BTEX by 8021   | T   |  |  | ethod   |   |   |  |  | 1 CO UT   |
|  | DRO/ORO by 8015  | GRO/DRO by 8015   | VIOC by 8260   | Metals 6010   | Chloride 300.0   | TPH 418.1  |   |   | -   |  |  |   |
|  | DRO/ORO by 80  | GRO/DRO by 80   | DIEX by 8021   | Metals 6010   | Chloride 300.0   | TPH 418.1  |   |   | -   |  | ×  | Remarks   |
|  | DRO/ORO b  | GRO/DRO b   | BTEX by 802  | Metals 6010   | Chloride 30  | TPH 418.1  |   |   |   |  |  | Remarks   |
|  | DRO/OI   | GRO/DI  | BITEX by   | Metals  | Chlorid  | TPH 41   |   |   |   |  |  | Remarks   |
|  |  |   |  |   |  |  |   |   |   |  |  |   |
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| the second s   | 9  |   | llon   | Rec   | eive   | d on i   | ce:   |   |   | ,  |  |   |
| RL   |  | Time  | •  | T1<br>AVC   | 6 Ter  | np °C  | _   | T2<br>7   | -   |  | <u>T3</u>  |   |
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| t  | action, c<br>2<br>2<br>3<br>-2<br>-1<br>-1<br>-2<br>-1<br>-1<br>-2<br>-1<br>-1<br>-2<br>-1<br>-1<br>-1<br>-1<br>-1<br>-1<br>-1<br>-1<br>-1<br>-1 | agation, date or<br>21-19<br>3-28-19<br>21-29<br>3-28-19<br>21-29<br>1 be returned<br>to the amount | Time<br>4:1<br>3-28-19<br>Cainer Type: g - g<br>1 be returned to clier | Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time  | Sample<br>receive<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>T | Samples require<br>action, date or<br>Samples require<br>received packer<br>Samples require<br>received packer<br>Samples require<br>received packer<br>Receive<br>Time<br>T1<br>AVG Ter<br>Cainer Type: g - glass, p - poly/plass<br>I be returned to client or disposed of at the<br>d to the amount paid for on the report.   | ogation, date or       Samples requiring therm         Time       Time         Time       Time         Time       Time         AVG Temp °C         tainer Type: g - glass, p - poly/plastic, ag         be returned to client or disposed of at the client         dt to the amount paid for on the report. | ogation, date or       Samples requiring thermal press         oracl       Freeeived packed in ice at an avg         Time       Received on ice:         3-29-19       Time         21       Time         22-19       Time         22-19       Time         1       AVG Temp °C         cainer Type: g - glass, p - poly/plastic, ag - and         be returned to client or disposed of at the client expendence of to the amount paid for on the report. | opation, date or       Samples requiring thermal preservation received packed in ice at an avg temp at the received packed in ice at an avg temp at the received packed in ice at an avg temp at the received on ice:         Time       La         Received on ice:       T         Time       Ta         Time       Ta         Time       Ta         Tainer Type: g - glass, p - poly/plastic, ag - amber is to the amount paid for on the report.         The returned to client or disposed of at the client expense.         The returned to client or the report.         The returned to client or the report. | ogation, date or       Samples requiring thermal preservation must be received packed in ice at an avg temp above 0 be received packed on ice:         3-25-19       Time       T1         T1       T1       T1         T1       Ph (505) 637-0615       Fr (505) 637-1865 | Samples requiring thermal preservation must be received or received packed in ice at an avg temp above 0 but less than the received packed in ice at an avg temp above 0 but less than the served on ice:       Image: Constraint of the servet on ice is the servet on | ogation, date or       Samples requiring thermal preservation must be received on ice the d         received packed in ice at an avg temp above 0 but less than 6°C on sult         Time       Lab Use Only         Received on ice:       / N         3-29-19       Time         Time       T1         AVG Temp °C       -         Cainer Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA         Ib e returned to client or disposed of at the client expense. The report for the analid to the amount paid for on the report. |