District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III 1000 Die Derwes Bood, Apter, NM 87410
1000 Rio Brazos Road, Aztec, NM 87410 District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

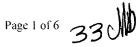
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State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office. For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or
Proposed Alternative Method Permit or Closure Plan Application
Type of action:       Below grade tank registration         Permit of a pit or proposed alternative method         Closure of a pit, below-grade tank, or proposed alternative method         Modification to an existing permit/or registration         Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank,
or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request
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.
environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.          I.       Operator:       OIL CONS. DIV DIST. 3         Address:       PO BOX 4289, Farmington, NM 87499       OGRID #:       14538         Facility or well name:       San Juan 29, 7 Unit 03C       DEC 10 2013
Address: <u>PO BOX 4289, Farmington, NM 87499</u>
Facility or well name: San Juan 29-7 Unit 93C
API Number:         30-039-31161         OCD Permit Number:
U/L or Qtr/Qtr <u>J (NWSE)</u> Section <u>2</u> Township <u>29N</u> Range <u>7W</u> County: <u>Rio Arriba</u>
Center of Proposed Design: Latitude <u>36.7547353</u> <u>N</u> Longitude <u>107.5388061</u> <u>W</u> NAD: []1927 [X] 1983
Surface Owner: 🗔 Federal 🖾 State 🗋 Private 🗋 Tribal Trust or Indian Allotment
<ul> <li>2.</li></ul>
Volume:bbl Type of fluid:
Tank Construction material:
<ul> <li><u>Alternative Method</u>:</li> <li>Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.</li> </ul>
<ul> <li>5.</li> <li>Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)</li> <li>Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)</li> <li>Four foot height, four strands of barbed wire evenly spaced between one and four feet</li> <li>Alternate. Please specify</li></ul>

Oil Conservation Division



Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)

Screen Netting Other\_

Monthly inspections (If netting or screening is not physically feasible)

# 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

# Variances and Exceptions:

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Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

### Please check a box if one or more of the following is requested, if not leave blank:

Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

# Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.

General siting	
<u>Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.</u> - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☑ Data obtained from nearby wells	□ Yes ⊠ No □ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ⊠ NA
<ul> <li>Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks)</li> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> </ul>	🗌 Yes 🗍 No
<ul> <li>Within the area overlying a subsurface mine. (Does not apply to below grade tanks)</li> <li>Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</li> </ul>	Yes 🗌 No
<ul> <li>Within an unstable area. (Does not apply to below grade tanks)</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	Yes No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	Yes No
Below Grade Tanks	
<ul> <li>Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗆 Yes 🛛 No
<ul> <li>Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🛛 No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
<ul> <li>Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	. Yes 🗌 No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search: Visual inspection (certification) of the proposed site	Yes No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No							
Temporary Pit Non-low chloride drilling fluid								
<ul> <li>Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No							
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>								
<ul> <li>Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	🗋 Yes 🗌 No							
<ul> <li>Within 300 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗋 Yes 🗌 No							
Permanent Pit or Multi-Well Fluid Management Pit								
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	🗋 Yes 🗌 No							
<ul> <li>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	🗌 Yes 🗌 No							
<ul> <li>Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>								
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site								
10.         Temporary Pits, Emergency Pits, and Below-grade Tanks 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.         Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC         Siting Criteria Compliance Demonstrations - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC         Design Plan - based upon the appropriate requirements of 19.15.17.10 NMAC         Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC         Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC         Previously Approved Design (attach copy of design)       API Number: or Permit Number:								
Multi-Well Fluid Management Pit 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 doc         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         A List of wells with approved application for permit to drill associated with the pit.         Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC         Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.0 NMAC         Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC								
Previously Approved Design (attach copy of design) API Number: or Permit Number: or Permit Number:								

<sup>12.</sup> <u>Permanent Pits Permit Application Checklist</u> : Subsection B of 19.15.17.9 NMAC <i>Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the attached</i> .	documents are
<ul> <li>Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Climatological Factors Assessment</li> </ul>	
<ul> <li>Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC</li> </ul>	
<ul> <li>Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>Quality Control/Quality Assurance Construction and Installation Plan</li> </ul>	
<ul> <li>Quality Control Quality Assurance Construction and instantation Plan</li> <li>Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC</li> <li>Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC</li> </ul>	
<ul> <li>Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan</li> <li>Emergency Response Plan</li> </ul>	
<ul> <li>Oil Field Waste Stream Characterization</li> <li>Monitoring and Inspection Plan</li> <li>Erosion Control Plan</li> </ul>	
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
13. <u>Proposed Closure</u> : 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.	,
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well F	luid Management Pit
Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only)	
<ul> <li>On-site Closure Method (Only for temporary pits and closed-loop systems)</li> <li>In-place Burial</li> <li>On-site Trench Burial</li> <li>Alternative Closure Method</li> </ul>	
Waste Excavation and Removal Closure Plan Checklist:       (19.15.17.13 NMAC) Instructions: Each of the following items must be closure plan. Please indicate, by a check mark in the box, that the documents are attached.            Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC             Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC             Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)             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 H of 19.15.17.13 NMAC             Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
15. <u>Siting Criteria (regarding on-site closure methods only)</u> : 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. F 19.15.17.10 NMAC for guidance.	rce material are Please refer to
<ul> <li>Ground water is less than 25 feet below the bottom of the buried waste.</li> <li>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</li> </ul>	□ Yes □ No □ NA
<ul> <li>Ground water is between 25-50 feet below the bottom of the buried waste</li> <li>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</li> </ul>	☐ Yes ☐ No ☐ NA
<ul> <li>Ground water is more than 100 feet below the bottom of the buried waste.</li> <li>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</li> </ul>	☐ Yes ☐ No ☐ NA
<ul> <li>Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗋 Yes 🗍 No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	_ Yes _ No
<ul> <li>Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application.</li> <li>NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site</li> </ul>	🗋 Yes 🗌 No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	
Form C-144 Oil Conservation Division Page 4 o	f 6 .

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addped pursuant to NMSA 1978, Section 3-27.3, as anomeded.       Image: Construction of the manifoldity, Writen approval obtained from the municipality       IV S    No         Within the area overlying a subsurface mine.       IV Yes    No       IV Yes    No         Within an outschold area.       Inglineering measures incorporated into the design; NM Bureau of Geology & Minerel Resources; USGS; NM Geological Series; Prographic area; IV Yes    No       IV Yes    No         Within a 100-year flowing interment of the design; NM Bureau of Geology & Minerel Resources; USGS; NM Geological Series; Prographic area; IV Yes    No       IV Yes    No         Within a 100-year flowing interment of Subscription (Poperaphic area)       IV Yes    No       IV Yes    No         Within a 100-year flowing interment of Subscription (Poperaphic area)       IV Yes    No       IV Yes    No         Image: ConstructionDesign Plan of Temporary Plif Ge in place burth of the optimizer equirements of 19.15.17.11 NMAC       IV Yes    No         Image: ConstructionDesign Plan of Temporary Plif Ge in place burth of the appropriate requirements of 19.15.17.11 NMAC       IV Macc         Image: ConstructionDesign Plan of Temporary Plif Ge in place burth of 19.15.17.13 NMAC       IV Macc         Image: Subscription Sampling Plan of Temporary Plif Ge in place burth of 19.15.17.13 NMAC       IV Macc         Image: Subscription Sampling Plan of Temporary Plif Ge in place burth of 19.15.17.13 NMAC       IV Macc         Image: Subscrin Sampling Plan of Temporary Plif Ge in place burth of 19.15.17.1									
Writen confirmation or verification or map from the NM EMNRD-Mining and Mineral Division     Writen confirmation or verification or map from the NM EMNRD-Mining and Mineral Resources; USGS; NM Geological     Beighteering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological     Seciety; Togorgaphic map     Writen Closure Pan Checklist; (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please initiated     by check must in the how, that the deamonst are attached.     Sing Cricits Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.13 NMAC     Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC     Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC     Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC     Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC     Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC     Disposal Transity Name and Pennik Number (FR) (hasks, aftiling Ghidas aftiling Ghidas and frill Gurings or in secon scile closure standards cannot be achieved)     Sign Cover Design - based upon the appropriate requirements of Subsection if 10.15.17.13 NMAC     Disposal Transity Name and Pennik Number (FR) (hasks, aftiling Ghidas and frill Gurings or in secon scile closure standards cannot be achieved)     Subsection if the 15.17.13 NMAC     Disposal Transity Name and Pennik the appropriate requirements of Subsection if 10.15.17.13 NMAC     Disposal Transity Name and Pennik they requirements of Subsection if 10.15.17.13 NMAC     Disposal Transity Name and Pennik Number (FR)     Revegetation Plan - based upon the appropriate requirements of Subsectio		🗌 Yes 🗍 No							
Engineering measures incorporate line the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological     Society; Topographic map     TeXA map									
Society: Topparphile map       Image: Topparphile map         Within a 100-year floodplain.       Image: Topparphile map         Text:       Text:         Text:       Text:         Top of a Site:       Closure Plan. Checklist:         Top of a Site:       Closure Plan. Checklist:         Top of a Site:       Closure Plan. Checklist:         Top of a Site:       Closure:         Site:       Closure:         Construction/Design Plan of Temporary Pli(for in-place burial of a dring pead) - based upon the appropriate requirements of 19.15.17.13 NMAC         Construction/Design Plan of Temporary Pli(for in-place burial of a dring pead) - based upon the appropriate requirements of 19.15.17.13 NMAC         Construction/Design Plan of Temporary Pli(for in-place burial of a dring pead) - based upon the appropriate requirements of 19.15.17.13 NMAC         Construction/Design Plan (If applicate)- based upon the appropriate requirements of 19.15.17.13 NMAC         Soli:       Construction Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC         Soli:       Construction Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC         Soli:       Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC         Process:       Text:       Text:         Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.1									
Within a 100-year floodplain.       Image: Yes in No <b>Onstitution of the box, that the documents are attacked.</b> Image: Yes in the box, that the documents are attacked.            By a check much in the box, that the documents are attacked.        Image: Yes in the Sox, that the documents are attacked.            By a check much is the box, that the documents are attacked.        Image: Yes in the Sox, that the documents are attacked.            By a check much is the box, that the documents are attacked.        Image: Yes in the Sox, that the documents are attacked.            Denotes of Sufficience Owner Notice - based upon the appropriate requirements of 19.15.17.13 NMAC Construction/Design If an of Tennoray PPI(in Figuels Addition) and the appropriate requirements of 19.15.17.13 NMAC Constructions of the appropriate requirements of 19.15.17.13 NMAC Constructions of the appropriate requirements of 19.15.17.13 NMAC Constructions Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Constructions Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Plan - based		U Ves U No							
Sinstitution       State Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, if a check mark in the box, that the documents are nitached.         Image: String Criteria Compliance Demonstrations - based upon the appropriate requirements of Subsection X of 19.15.17.13 NMAC       Onstruction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection X of 19.15.17.11 NMAC         Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC       Onstruction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC         Construction/Design Plan of Classed upon the appropriate requirements of 19.15.17.13 NMAC       Onstruction/Design Plan of Classed upon the appropriate requirements of 19.15.17.13 NMAC         Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC       Re-vegetare dupon the appropriate requirements of Subsection H of 19.15.17.13 NMAC         Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC       Re-vegetare dupon the appropriate requirements of Subsection H of 19.15.17.13 NMAC         Operator Application Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC       Re-vegetare dupon the appropriate requirements of Subsection H of 19.15.17.13 NMAC         Name (Print):       Title:       Sign approximate requirements of Subsection H of 19.15.17.13 NMAC         Name (Print):       Title:       Construction (including clopure									
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check must be attached to the closure plan. Please indicate, by a check must be attached to the closure plan. Please indicate, by a check must be attached to the closure plan. Please indicate, by a check must be attached to the closure plan. Please indicate, by a check must be attached to the closure plan. Please indicate, by a check must be attached to the closure plan. Please indicate, by a check must be attached to the closure plan. Please indicate, by a check must be attached to the closure report. Plan. Please indicate, by a check must be attached to the closure report. Plan. Please indicate, by a check must be attached to the closure report. Plan. Please indicate, by a check must be attached to the closure report. Plan. Please indicate, by a check must be attached to the closure report. Plan. Please indicate, by a check must be attached to the closure report. Plan. Please indicate, by a check must be attached to the closure report. Plan. Please indicate, by a check must be attached to the closure report. Plan. Pl	- FEMA map								
Operator Application Certification:         Thereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.         Name (Print):	On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plane by a check mark in the box, that the documents are attached.            Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC         Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC         Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.         Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC         Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC         Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC         Maste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC         Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannel Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC         Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	11 NMAC 15.17.11 NMAC							
Name (Print):									
Signature:       Date:         e-mail address:       Telephone:         @CD Approval:       Permit Application (including closure plan)       Closure Plan (only)         OCD Representative Signature:       Order Plan (only)       OCD Conditions (see attachment)         OCD Representative Signature:       Order Plan (only)       OCD Permit Number:         18.       OCD Permit Number:       OCD Permit Number:         19.       Closure Report (required within 60 days of closure completion):       19.15.17.13 NMAC         19.       Closure Report (required to be submitted to the division within 60 days of the completion of the closure activities and submitting the closure report.         The closure report is required to be submitted to the division within 60 days of the completion Date:       _9/9/13         20.       Closure Completion Date:       _9/9/13         20.       Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.         21.       Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.         22.       Proof of Closure Notice (surface owner and division)	I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and beli	ief.							
e-mail address:       Telephone:         18.       OCD Approval:       Permit Application (including closure plan)       OCD Conditions (see attachment)         OCD Representative Signature:       Approval Date:       1/2/27/20/3         Title:       Completion Completion       OCD Permit Number:         19.       OCD Permit Number:       OCD Permit Number:         19.       Closure Report (required within 60 days of closure completion):       19.15.17.13 NMAC         19.       Closure Port is required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report.         19.       Closure Method:       OCOsure Completion Date:       9/9/13         20.       Closure Method:       On-Site Closure Method       Alternative Closure Method       Waste Removal (Closed-loop systems only)         11.       Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check more in the box, that the documents are attached.       Proof of Closure Notice (surface owner and division)         10.       Proof of Closure Sotice (required for on-site closure private land only)       Plot Plan (for on-site closures and temporary pits)         20.       Confirmation Sampling Analytical Results (required for on-site closure)       OCD	Name (Print): Title:								
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<ul> <li>Soil Backfilling and Cover Installation</li> <li>Re-vegetation Application Rates and Seeding Technique</li> </ul>	e-mail address:     Image: Contract of the form until an approved closure plan has been obtained and the closure activities have been completed.     Image: Contract of the form approved plan, please explain.     Image: Contract of the following items must be attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to the closure report. Please in the following items must be attached to th	the closure report. complete this							
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# **Operator Closure Certification:**

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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): Kenny Davis	Title: <u>Staff Regulatory Technician</u>
Signature:	Date: <u>12/6/13</u>
e-mail address: kenty.r.davis@conocophillips.com	Telephone:505-599-4045

# Burlington Resources Oil Gas Company, LP San Juan Basin Closure Report

# Lease Name: San Juan 29-7 Unit 93C API No.: 30-039-31161

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144. The temporary pit for this location was constructed and location drilled before June 16, 2008 (effective date for Rule 19.15.17). While closure of the temporary pit did fall within the rule some dates for submittals are after the rig release date.

- Details on Capping and Covering, where applicable. (See report)
- Plot Plan (Pit Diagram) (Included as an attachment)
- Inspection Reports (Included as an attachment)
- Sampling Results (Included as an attachment)
- C-105 (Included as an attachment)
- Copy of Deed Notice will be filed with County Clerk (Not required on Federal, State, or Tribal land as stated by FAQ dated October 30, 2008)

# General Plan:

1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division–approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves.

All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B).

2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met.

#### The pit was closed using onsite burial.

3. The surface owner shall be notified of BR's closing of the temporary pit as per the approved closure plan using certified mail, return receipt requested.

#### The closure process notification to the landowner was not sent. (Well located on State Land)

4. Within 6 months of the Rig Off status occurring BR will ensure that temporary pits are closed, re-contoured, and reseeded.

#### The closure plan requirements were met due to rig move off date as noted on C-105.

- 5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
  - i. Operator's name
  - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

#### Notification is attached.

6. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "All" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

Liner of temporary pit was removed above "mud level" after stabilization. Removal of the liner consisted of manually cutting liner at mud level and removing all remaining liner. Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner was disposed of at a licensed disposal facility, (San Juan County Landfill).

7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

Burlington mixed the Pit contents with non-waste containing, earthen material in order to achieve the solidification process. The solidification process was accomplished by using a combination of natural drying and mechanically mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio consisted of approximately 3 parts clean soil to 1 part pit contents.

8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached).

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	ND ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	.45 ug/kG
ТРН	EPA SW-846 418.1	2500	25mg/kg
GRO/DRO	EPA SW-846 8015M	500	19 mg/Kg
Chlorides	EPA 300.1	1000/500	47 mg/L

9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. If standard testing fails BR will dig and haul all contents pursuant to 19.15.17.13.i.a. After doing such, confirmation sampling will be conducted to ensure a release has not occurred.

The pit material passed solidification and testing standards. The pit area was then backfilled with compacted, non-waste containing, earthen material. More than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

During the stabilization process if the liner is ripped by equipment the Aztec OCD office will be notified within
 48 hours and the liner will be repaired if possible. If the liner can not be repaired then all contents will be excavated and removed.

The integrity of the liner was not damaged in the pit closure process.

11. Dig and Haul Material will be transported to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit # NM010011

Dig and Haul was not required.

12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final recontour shall have a uniform appearance with smooth surface, fitting the natural landscape.

The pit area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Reshaping included drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final recontour has a uniform appearance with smooth surface, fitting the natural landscape.

13. Notification will be sent to OCD when the reclaimed area is seeded.

Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

- **14.** BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods
- 15. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time of all wells on the pad are abandoned. The operator's information will include the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.

Provision 15 was accomplished by installing a steel marker in the temporary pit, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial. The marker is flush with the ground to allow access of the active well pad and for safety concerns. The top of the marker contains a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate contains the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.

The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: BR, State, San Juan 29-7 Unit 93C, UL-J, Sec. 2, T 29N, R 7W, API # 30-039-31161

DISTRICT\_J 1625 N. French Dr., Hobbs, N.M. 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT JJ 811 S. First St., Artesia, N.M. 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 Phone: (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 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, N.M. 87505

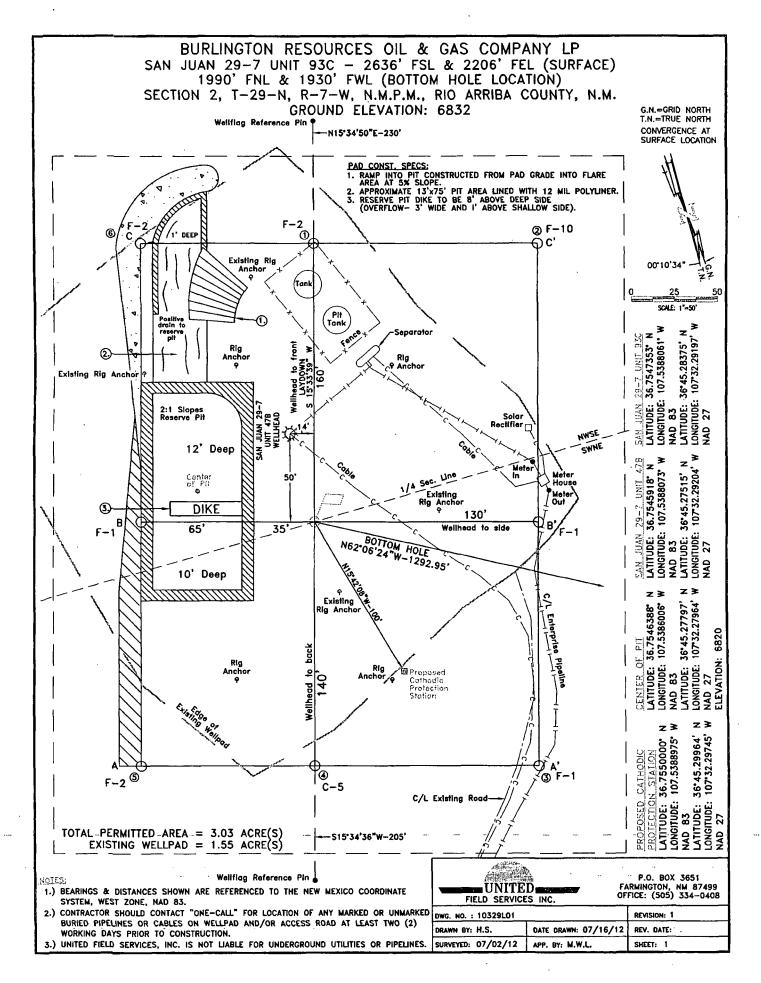
Form C~102 Revised August 1, 2011 Submit one copy to appropriate **District** Office

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□ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code Pool Name <sup>1</sup> API Number MESA VERDE / DAKOTA Well Number Property Name \* Property Code 93C SAN JUAN 29-7 UNIT OGRID No. Operator Name Elevation 6832 BURLINGTON RESOURCES OIL & GAS COMPANY LP <sup>10</sup> Surface Location North/South line UL or lot no. Section Township Lot Idn Feet from the Feet from the East/West line County Range SOUTH 2206 EAST RIO ARRIBA 2 29 N 7 W 2636 J <sup>11</sup> Bottom Hole Location If Different From Surface UL or lot no. Lot Idn Feet from the North/South line Feet from the East/West line Section Township Range County 1990 **RIO ARRIBA** NORTH 1930 WEST F 2 29 N 7 W Dedicated Acres 14 Consolidation Code <sup>18</sup> Joint or Infill 15 Order No. 318.1 (W/2) 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 17 OPERATOR CERTIFICATION N 89°57'II" W 16 S 89°43 47 W 2639.97 2637.25 I hereby certify that the information contained herein is LOT B LOT 7 LOT 6 LOT 5 true and complete to the best of my knowledge and belief. (39.06) 72' (39.04) (39.06) (39.08) and that this organization either owns a working interest 5 or unleased minoral interest in the land including the N BOTTOM HOLE LOCATION 2582. STATE OF proposed bottom halo location or has a right to drill this NEW MEXICO well at this location pursuant to a contract with an E-289-52 umer of such a mineral or working interest, or to a LAT: 36.7564064° N voluntary pooling agreement or a compulsory pooling orde heretofore entered by the division. LONG: 107.5427007° W = = NAD 83 LAT: 36°45.38402' N STATE OF NEW MEXICO ш LONG: 107°32.52564' W ш NAD 27 32" E-5184-49 00'10'34" 07 Date Signature ົດ 'n 1930' G.N.=GRID NORTH 00 Printed Name ß CONVERGENCE AT N 62º06'24" W-1292.95 S S E-mail Address **18 SURVEYOR CERTIFICATION** 2206 SECTION 2 SURFACE horeby certify that the well loca BEARINGS & DISTANCES SHOWN as plotted from field notes of actual surveys made by m LAT: 36.7547353° N 5 ARE REFERENCED TO THE or under my supervision, and that the same is true and LONG: 107.5388061° W 2646. NEW MEXICO COORDINATE orrect to the best of my belief. NAD 83 RRSHALL W. LINO SYSTEM, WEST ZONE, NAD 83, LAT: 36°45.28375' N 2636 07/02 UNLESS OTHERWISE NOTED. LONG: 107°32.29197' W Date of Sur MEX NAD 27 Signatur LEGEND: 2 STATE OF ≥ O = SURFACE LOCATION NEW MEXICO 36 . = BOTTOM HOLE LOCATION in B-10037-80 - FOUND 1913 U.S.G.L.O. BRASS CAP 00°03 SSIONAL SURVE io ol 0 = FOUND 1914 U.S.G.L.O. BRASS CAP lğ () = POSITION CALCULATED FROM 17078 WITNESS CORNER S S Certificate Number 89°29'12" W S 89 55'25" W 2635.21 2642.83' S



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I hereby certij	fy that I	he i	nform	ations	hower	on boti	h sides of this Printed	forn	n is ti	rue	and comple	te	to the best of	f my	knowle	dge and	belief	-
Signature	P	<b>)</b> •	K	$e^{-i}$	5		Name Kenny	/ Dav	vis	Tit	le Staff Re	egi	ulatory Tech	nicia	n D	ate 12/6	5/13	
E-mail Addre	s keni	<u>1y.r.</u>	<u>davis(</u>	<u>@cono</u>	cophill	ips.co	m Phone: f	5 <u>05-</u> 5	59 <u>9-</u> 4	1045	;			_				



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

May 03, 2013

Harry Dee Conoco Phillips Farmington 3401 E 30th St Farmington, NM 87402 TEL: FAX:

RE: San Juan 29-7 93C

OrderNo.: 1304B07

Dear Harry Dee:

Hall Environmental Analysis Laboratory received 2 sample(s) on 4/26/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report	
Lab Order 1304B07	

#### Date Reported: 5/3/2013

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips Farmington Project: San Juan 29-7 93C

1304B07-001

Lab ID:

Client Sample ID: Background Collection Date: 4/25/2013 8:28:00 AM Received Date: 4/26/2013 10:00:00 AM

Analyses	Result	RL Qual Units		Units	DF	Date Analyzed
EPA METHOD 8015D: DIESEL RANG	GE ORGANICS					Analyst: GSA
Diesel Range Organics (DRO)	52	10		mg/Kg	1	5/1/2013 1:59:58 AM
Surr: DNOP	158	63-147	S	%REC	1	5/1/2013 1:59:58 AM
EPA METHOD 8015D: GASOLINE R	ANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/30/2013 1:39:46 AM
Surr: BFB	93.7	80-120		%REC	1	4/30/2013 1:39:46 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	4/30/2013 1:39:46 AM
Toluene	ND	0.048		mg/Kg	1	4/30/2013 1:39:46 AM
Ethylbenzene	ND	0.048		mg/Kg	1	4/30/2013 1:39:46 AM
Xylenes, Total	ND	0.096		mg/Kg	1	4/30/2013 1:39:46 AM
Surr: 4-Bromofluorobenzene	101	80-120		%REC	1	4/30/2013 1:39:46 AM
EPA METHOD 300.0: ANIONS						Analyst: JRR
Chloride	ND	7.5		mg/Kg	5	5/1/2013 8:00:38 PM
EPA METHOD 418.1: TPH						Analyst: LRW
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	5/1/2013

Matrix: SOIL

0	difiers:	
Vu		

\* Value exceeds Maximum Contaminant Level.

- E Value above quantitation range
- J Analyte detected below quantitation limits

P Sample pH greater than 2

RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

Analytical Report	
Lab Order 1304B07	

Date Reported: 5/3/2013

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Conoco Phillips Farmington

San Juan 29-7 93C Project: Lab ID: 1304B07-002

Client Sample 1D: Reserve Pit Collection Date: 4/25/2013 8:28:00 AM Received Date: 4/26/2013 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015D: DIESEL RAN	GE ORGANICS				Analyst: GSA
Diesel Range Organics (DRO)	19	10	m <b>g/K</b> g	1	5/1/2013 2:27:08 AM
Surr: DNOP	133	63-147	%REC	1	5/1/2013 2:27:08 AM
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	4/30/2013 2:08:24 AM
Surr: BFB	109	80-120	%REC	1	4/30/2013 2:08:24 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.046	mg/Kg	1	4/30/2013 2:08:24 AM
Toluene	0.16	0.046	mg/Kg	1	4/30/2013 2:08:24 AM
Ethylbenzene	ND	0.046	mg/Kg	1	4/30/2013 2:08:24 AM
Xylenes, Total	0.29	0.092	mg/Kg	1	4/30/2013 2:08:24 AM
Surr: 4-Bromofluorobenzene	108	80-120	%REC	1	4/30/2013 2:08:24 AM
EPA METHOD 300.0: ANIONS					Analyst: JRR
Chloride	47	1.5	mg/Kg	1	5/1/2013 8:25:27 PM
EPA METHOD 418.1: TPH					Analyst: LRW
Petroleum Hydrocarbons, TR	25	20	mg/Kg	1	5/1/2013

Matrix: SOIL

Qualifiers:	*
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- \* Value exceeds Maximum Contaminant Level.
- Value above quantitation range
  - Analyte detected below quantitation limits J
  - Р Sample pH greater than 2
- RL Reporting Detection Limit

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
  - Spike Recovery outside accepted recovery limits S

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WO#: 1304B07

03-May-13

Hall Environmental Analysis Laboratory, Inc.

Client:	Conoco Phillips Farmington
Project:	San Juan 29-7 93C

Sample ID: MB-7210	SampType: MBLK	TestCode: EPA Method	418.1: TPH							
Client ID: PBS	Batch ID: 7210	RunNo: 10234								
Prep Date: 4/29/2013	Analysis Date: 5/1/2013	SeqNo: 291846	Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual						
Petroleum Hydrocarbons, TR	ND 20									
Sample ID: LCS-7210	SampType: LCS	418.1: TPH								
Client ID: LCSS	Batch ID: 7210	RunNo: 10234								
Prep Date: 4/29/2013	Analysis Date: 5/1/2013	SeqNo: 291847	Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual						
Petroleum Hydrocarbons, TR	98 20 100.0	0 97.6 80	120							
Sample ID: LCSD-7210	SampType: LCSD	TestCode: EPA Method	418.1: TPH							
Client ID: LCSS02	Batch ID: 7210	RunNo: 10234								
Prep Date: 4/29/2013	Analysis Date: 5/1/2013	SeqNo: 291848	Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual						
Petroleum Hydrocarbons, TR	96 20 100.0	0 96.2 80	120 1.51	20						

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

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- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Page 3 of 7

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03-May-13

Client: Project:		hillips Farr 29-7 93C	ningto	'n									
Sample ID:	MB-7211	SampTy	pe: Mi	BLK	Tes	tCode: El	PA Method	8015D: Dies	el Range (	Drganics			
Client ID:	PBS	Batch	ID: 72	11	F	RunNo: 1	10208						
Prep Date:	4/29/2013	Analysis Da	ate: 4/	30/2013	5	SeqNo: 2	91165	Units: mg/k	٢g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range (	Organics (DRO)	ND	10										
Surr: DNOP		9.6		10.00		95.8	63	147					
Sample ID: LCS-7211         SampType: LCS         TestCode: EPA Method 8015D: Diesel Range Organics										·			
Client ID: LCSS Batch ID: 7211					F	RunNo: 1	0208						
Prep Date:	4/29/2013	Analysis Da	ate: 4/	30/2013	5	SeqNo: 2	91166	Units: mg/k	٢g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range (	Organics (DRO)	49	10	50.00	0	97.9	47.4	122					
Surr: DNOP		4.8		5.000		96.1	63	147					
Sample ID:	1304B05-001AMS	SampTy	pe: MS	3	Tes	tCode: El	PA Method	8015D: Dies	el Range (	Drganics			
Client ID:	BatchQC	Batch	ID: 72	11	F	RunNo: 1	0223						
Prep Date:	4/29/2013	Analysis Da	ate: 4/	30/2013	S	SeqNo: 2	91657	Units: mg/K	٢g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range (	Organics (DRO)	74	10	50.40	12.21	123	12.6	148					
Surr: DNOP	<u> </u>	7.5		5.040		148	63	147			S		
Sample ID:	1304B05-001AMSI	) SampTy	pe: MS	SD	Tes	tCode: El	PA Method	8015D: Diese	el Range C	rganics			
Client ID:	BatchQC	Batch	ID: 72	11	F	RunNo: 1	0223						
Prep Date:	4/29/2013	Analysis Da	ate: 5/	1/2013	S	SeqNo: 2	91658	Units: mg/K	(g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
	Organics (DRO)	68	10	50.25	12.21	112	12.6	148	7.96	22.5			
Surr: DNOP		6.8		5.025		135	63	147	0	0			

#### **Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Page 4 of 7

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03-May-13

Client: Project:	Conoco P San Juan	hillips Far 29-7 93C	mingto	n							_				
Sample ID:	MB-7188	SampT	ype: ME	BLK	TestCode: EPA Method 8015D: Gasoline Range										
Client ID:	PBS	Batch	ch ID: 7188 RunNo: 10180												
Prep Date:	4/26/2013	Analysis D	ate: 4/	29/2013	S	SeqNo: 2	90224	Units: mg/Kg							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Rango Surr: BFB	e Organics (GRO)	ND 920	5.0	1000		92.5	80	120	_		_				
Sample ID: LCS-7188 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range															
Client ID:	LCSS	Batch	ID: 71	88	F	RunNo: 1	0180								
Prep Date:	4/26/2013	Analysis D	ate: 4/	29/2013	S	SeqNo: <b>2</b>	90225	Units: <b>mg/ł</b>	≺g						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
•	e Organics (GRO)	26	5.0	25.00	0	102	62.6	136							
Surr: BFB		1000		1000		100	80	120							
Sample ID:	1304A59-002AMS	SampTy	ype: MS	3	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e					
Client ID:	BatchQC	Batch	ID: 71	88	F	RunNo: 1	0180								
Prep Date:	4/26/2013	Analysis Da	ate: <b>4</b> /	29/2013	S	SeqNo: 2	90252	Units: mg/k	٢g						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Gasoline Range	e Organics (GRO)	26	4.7	23.41	6.395	84.8	70	130							
Surr: BFB		1100		936.3		115	80	120							
Sample ID:	1304A59-002AMSI	) SampTy	ype: <b>MS</b>	5D	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e					
Client ID:	BatchQC	Batch	ID: 71	88	F	RunNo: 1	0180								
Prep Date:	4/26/2013	Analysis Da	ate: <b>4</b> /	29/2013	S	SeqNo: 2	90253	Units: mg/k	۲g						
Analyte	·····	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
-	e Organics (GRO)	29	4.7	23.47	6.395	97.7	70	130	11.1	22.1					
Surr: BFB		1100		939.0		122	80	120	0	0	S				

# Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH greater than 2
- RL Reporting Detection Limit

- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Page 5 of 7

RPD outside accepted recovery limits R

Project: San Juan 29-7 93C

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Sample ID: MB-7188	SampT	Гуре: <b>МВ</b>	BLK	Tes	tCode: EF	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batc	h ID: 718	38	F	RunNo: 10	0180				
Prep Date: 4/26/2013	Analysis E	Date: 4/2	29/2013	S	SeqNo: 29	90299	Units: mg/M	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120		<u> </u>	
Sample ID: LCS-7188	Samp⊺	Type: LC	s	` Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	0180									
Prep Date: 4/26/2013	Analysis E	Date: <b>4/</b> 2	29/2013	S	SeqNo: <b>2</b>	90301	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.2	0.10	1.000	0	122	72.6	114			S
Benzene	1.0	0.050	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.4	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			
Sample ID: 1304A59-001AN	1S SampT	Гуре: МS	;	Tes	tCode: Ef	PA Method	8021B: Volat	tiles		
Client ID: BatchQC	Batc	h ID: 718	38	F	RunNo: 10	0180				
Prep Date: 4/26/2013	Analysis E	Date: 4/2	29/2013	5	SeqNo: 2	90303	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.2	0.093	0.9346	0.02063	126	61.3	215			
Benzene	0.92	0.047	0.9346	0	98.6	67.2	113			
Toluene	0.94	0.047	0.9346	0.004040	100	62.1	116			
	0.95	0.047	0.9346	0	102	67.9	127			
cinyidenzene	0.00	0.047		-	102					
•	2.9	0.093	2.804	0	102	60.6	134			
•				_		60.6 80	134 120			S
Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: <b>1304A59-001AN</b>	2.9 1.5		2.804 0.9346	0	102 159	80		tiles		S
Xylenes, Total Surr: 4-Bromofluorobenzene	2.9 1.5 <b>ISD</b> SampT	0.093	2.804 0.9346	0  Tes	102 159	80 PA Method	120	tiles		S
Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 1304A59-001AN Client ID: BatchQC	2.9 1.5 <b>ISD</b> SampT	0.093 Гуре: <b>MS</b> h ID: <b>71</b> 8	2.804 0.9346 5D 38	0 Tes F	102 159 tCode: Ef	80 PA Method 0180	120			S
Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 1304A59-001AN Client ID: BatchQC Prep Date: 4/26/2013 Analyte	2.9 1.5 ISD SampT Batcl Analysis D Result	0.093 Type: <b>MS</b> h ID: <b>71</b> 8 Date: <b>4</b> /2 PQL	2.804 0.9346 5D 38 29/2013 SPK value	0 Tes F SPK Ref Val	102 159 tCode: Ef RunNo: 10 SeqNo: 29 %REC	80 PA Method 0180 90304 LowLimit	120 8021B: Volat Units: mg/K HighLimit	Kg %RPD	RPDLimit	S Qual
Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: <b>1304A59-001AN</b> Client ID: <b>BatchQC</b> Prep Date: <b>4/26/2013</b> Analyte Vethyl tert-butyl ether (MTBE)	2.9 1.5 ISD SampT Batcl Analysis D Result 1.2	0.093 Fype: MS h ID: 718 Date: 4/2 PQL 0.093	2.804 0.9346 5D 38 29/2013 SPK value 0.9346	0 Tes F SPK Ref Val 0.02063	102 159 tCode: Ef RunNo: 10 SeqNo: 2 %REC 122	80 PA Method 0180 90304 LowLimit 61.3	120 8021B: Volat Units: mg/K HighLimit 215	<b>(g</b> %RPD 3.26	19.6	
Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 1304A59-001AN Client ID: BatchQC Prep Date: 4/26/2013 Analyte Vethyl tert-butyl ether (MTBE) Benzene	2.9 1.5 ISD SampT Batcl Analysis E Result 1.2 0.90	0.093 Fype: MS h ID: 718 Date: 4/2 PQL 0.093 0.047	2.804 0.9346 5D 38 29/2013 SPK value 0.9346 0.9346	0 Tes F SPK Ref Val 0.02063 0	102 159 tCode: Ef RunNo: 10 SeqNo: 29 %REC 122 96.5	80 PA Method 0180 90304 LowLimit 61.3 67.2	120 8021B: Volat Units: mg/M HighLimit 215 113	<b>59</b> %RPD 3.26 2.16	19.6 14.3	
Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 1304A59-001AN Client ID: BatchQC Prep Date: 4/26/2013 Analyte Methyl tert-butyl ether (MTBE) Benzene Foluene	2.9 1.5 ISD SampT Batcl Analysis D Result 1.2 0.90 0.92	0.093 Fype: MS h ID: 718 Date: 4/3 PQL 0.093 0.047 0.047	2.804 0.9346 30 38 29/2013 SPK value 0.9346 0.9346 0.9346	0 Tes 5 SPK Ref Val 0.02063 0 0.004040	102 159 tCode: Ef RunNo: 10 SeqNo: 29 %REC 122 96.5 98.1	80 PA Method 0180 90304 LowLimit 61.3 67.2 62.1	120 8021B: Volat Units: mg/K HighLimit 215 113 116	<b>5g</b> %RPD 3.26 2.16 2.17	19.6 14.3 15.9	
Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 1304A59-001AN Client ID: BatchQC Prep Date: 4/26/2013 Analyte Vethyl tert-butyl ether (MTBE) Benzene	2.9 1.5 ISD SampT Batcl Analysis E Result 1.2 0.90	0.093 Fype: MS h ID: 718 Date: 4/2 PQL 0.093 0.047	2.804 0.9346 5D 38 29/2013 SPK value 0.9346 0.9346	0 Tes F SPK Ref Val 0.02063 0	102 159 tCode: Ef RunNo: 10 SeqNo: 29 %REC 122 96.5	80 PA Method 0180 90304 LowLimit 61.3 67.2	120 8021B: Volat Units: mg/K HighLimit 215 113 116 127	<b>59</b> %RPD 3.26 2.16	19.6 14.3	

# Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

WO#: 1304B07

03-May-13

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Page 6 of 7

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# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Conoco Phillips Farmington

Project: San Juan 29-7 93C

Sample ID: 1304A59-001AMSD         SampType: MSD         TestCode: EPA Method 8021B: Volatiles										
Client ID: BatchQC	Batch	1 ID: 71	88	F	RunNo: 1	0180				
Prep Date: 4/26/2013	ep Date: 4/26/2013 Analysis Date: 4/29/2013 SeqNo: 290					90304	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		0.9346		112	80	120	0	0	_

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

WO#: **1304B07** *03-May-13* 

Page 7 of 7

	ll Environmental Analysis Laborato. 4901 Hawkins N Albuquerque, NM 8710 EL: 505-345-3975 FAX: 505-345-410 Website: www.hallenvironmental.co		ble Log-In Cl	neck List
Client Name: Conoco Phillips Farmingt Work	Order Number: 1304B07		RcptNo:	1
Completed By: Ashley Gallegos 4/26/2	DI3 10:00:00 AM DI3 2:46:43 PM 26/2013	AJ		
Chain of Custody	7			
1. Custody seals intact on sample bottles?	Yes	No	Not Present 🗸	
2. Is Chain of Custody complete?	Yes 🗸	No	Not Present	
3. How was the sample delivered?	Courier			
Log In				
4. Was an attempt made to cool the samples?	Yes 🗸	No	NA	
5. Were all samples received at a temperature of $>0^{\circ}$	C to 6.0°C Yes ✔	No	NA <sup>†</sup>	
6. Sample(s) in proper container(s)?	Yes 🔽	No		,
7. Sufficient sample volume for indicated test(s)?	Yes 🖌	No		
8. Are samples (except VOA and ONG) properly prese	rved? Yes 🗸	No		
9. Was preservative added to bottles?	Yes	No 🖌	NA	
10.VOA vials have zero headspace?	Yes	No	No VOA Vials 🗸	
11. Were any sample containers received broken?	Yes	No 🗸	# of preserved	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗸	No		r >12 unless noted)
13. Are matrices correctly identified on Chain of Custody	y? Yes 🗸	No	Adjusted?	
14. Is it clear what analyses were requested?	Yes 🗸	No	Charles d bu	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗸	No	Checked by:	
Special Handling (if applicable)				
16. Was client notified of all discrepancies with this orde	er? Yes	No	NA 🔽	
Person Notified:	Date:	and the second secon		:
By Whom:	Via: ; eMail i Ph	hone Fax	In Person	:
Regarding:				:
Client Instructions:		···· ··		:
17. Additional remarks:				
18. <u>Cooler Information</u> Cooler No Temp °C Condition Seal Intac 1 1.0 Good Yes	t Seal No Seal Date 5	Signed By		

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- 1	000101110		aonanon	000	maaa	0000.110	00010000	
	1	1.0	Good	Yes				1 L

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	Chain-of-Custody Record			Turn-Around	Time:		]				-A		F	NJ M	TE	۶ <b>೧</b>	ri P	MF	IN7	• • • •	
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		co / ma		Project Name																	. =
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Phone :	<u>- 0/ / /</u>	n de D	- 2492, 320-3421	-			Tel. 505-345-3975 Fax 505-345-4107 Analysis Request														
email o	r Fax#: /	nike h	(Sith @ consump 1/100	Project Mana	ader: //			ly)	ð					- n ^		·					
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		🗆 Othe	er	Sampler: Stan Mabley Onlice West Line 44				ЦЦ	ò	418.1)	1.1	8270		3,N(	/ 80		(۲				Z S
	EDD (Type)						Ш	(GR	d 41	d 50	P	tals	NO,	des	-	NO/	6			د ک	
Date	Time	Matrix	Sample Request ID			HEALNO BOYBOT	BTEX + TMTBE	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method	EDB (Method 504.1)	PAH's (8310 or	RCRA 8 Metals	Anions (F,CI,NO <sub>3</sub> ,NO <sub>2</sub> ,PO <sub>4</sub> ,SO <sub>4</sub> )	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)	chloriel			Air Bubbles (Y or N)
4-25-13	8:28	Sail	Backarsun	1-402	(00)	-00/	I.		7	$\overline{1}$								$\mathbf{J}_{i}$			$\top$
-25-13	8:28	561)	Background Reserve Pit	1-402		-002	7		$\checkmark$	1								<b>1</b>			
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-25-15	555 150 Mustine Waller			04	26/13 1000				P	-26	,0		:								

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If necessary, samples submitted to Hall Environmental may be subcontracted to other pacredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

# ConocoPhillips

# **Pit Closure Form:**

Date: 10/8/13	
Well Name: <u>SJ 29-7 <sup>#</sup>93C</u>	
Footages: 2636 F3L + 2206 FE	LUnit Letter:
Section:, T- <u>_29</u> -N, RW, County	I:Res ARREA State: NM

Contractor Closing Pit:	JD RETTER	
Pit Closure Start Date:	9/0/13	
Pit Closure Complete Dat	e: <u>9/9/13</u>	

Construction Inspector:	JARED CHAVEZ	Date: 10/8/13	-
Inspector Signature:	- Ale	z	
		~	

# Revised 11/4/10

Office Use Only:
Subtask
DSM
Folder

# Davis, Kenny R

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From: Sent: To: Cc: Subject:	Gardenhire, James E Friday, August 30, 2013 8:10 AM (Brandon.Powell@state.nm.us); GRP:SJBU Regulatory; Horton Dwayne (ddhorton41 @hotmail.com); Jonathan Kelly; Scott Smith; Tafoya, John D; (lpuepke@cimarronsvc.com); Eli (Cimarron) (eliv@qwestoffice.net); James (Cimarron) (jwood@cimarronsvc.com); Craig Willems; Mark Kelly; Mike Flaniken; Randy McKee; Robert Switzer; Roger Herrera; Sherrie Landon; Crawford, Dale T; Dee, Harry P; Eric Smith (sconsulting.eric@gmail.com); Faver Norman; Gardenhire, James E; Jared Chavez; Lowe, Terry; Marquez, Michael P; Payne, Wendy F; Peter, Dan J; Smith, Mike W; Steve McGlasson; Tally, Ethel; Becker, Joey W; Birchfield, Jack D; Bowker, Terry D; Brant Fourr; Hockett, Christy R; Frost, Ryan M; Goosey, Paul P; Gordon Chenault; Green, Cary Green J; GRP:SJBU Production Leads; Kennedy, Jim R; Leboeuf, Davin J; Lopez, Richard A; Nelson, Garry D; O'Nan, Mike J.; Peace, James T; Poulson, Mark E; Proctor, Freddy E; Smith, Randall O; Roberts, Vance L.; Schaaphok, Bill; Spearman, Bobby E; Stamets, Steve A; Andrews Travis (tandrews@flintenergy.com); Blakley, Mac; Clugston, Danny K; Coats, Nathan W; Farrell, Juanita R; Hatley, Keri; Jones, Lisa; Rhoads, Travis P; Saiz, Kooper K; Seabolt, Elmo F; Thompson, Trey JDRITT@aol.com Reclamation Notice: San Juan 29-7 Unit 93C (Area 7 * Run 704)
Importance:	High

JD Ritter Construction will move a tractor to the San Juan 29-7 Unit 93C to start the reclamation process on <u>Thursday, September 5, 2013</u>. Please contact Jared Chavez (793-7912) if you have questions or need further assistance.



Burlington Resources Well – Network #10344740 – Activity Code D250 (Reclamation) & D260 (Pit Closure) – PO: KGarcia Rio Arriba County, NM

# San Juan 29-7 Unit 93C – State/State

2636' FSL & 2206' FEL Sec. 02, T29N, R7W Unit Letter "J" Lease # E-5184-49 Latitude: 36.754729 N (NAD 83) Longitude: 107.538200 W (NAD 83) Elevation: 6832' API # 30-039-31161

James E. Gardenhire

**ConocoPhillips Company-SJBU** Projects - Technician 505-599-4036 San Juan Business Unit

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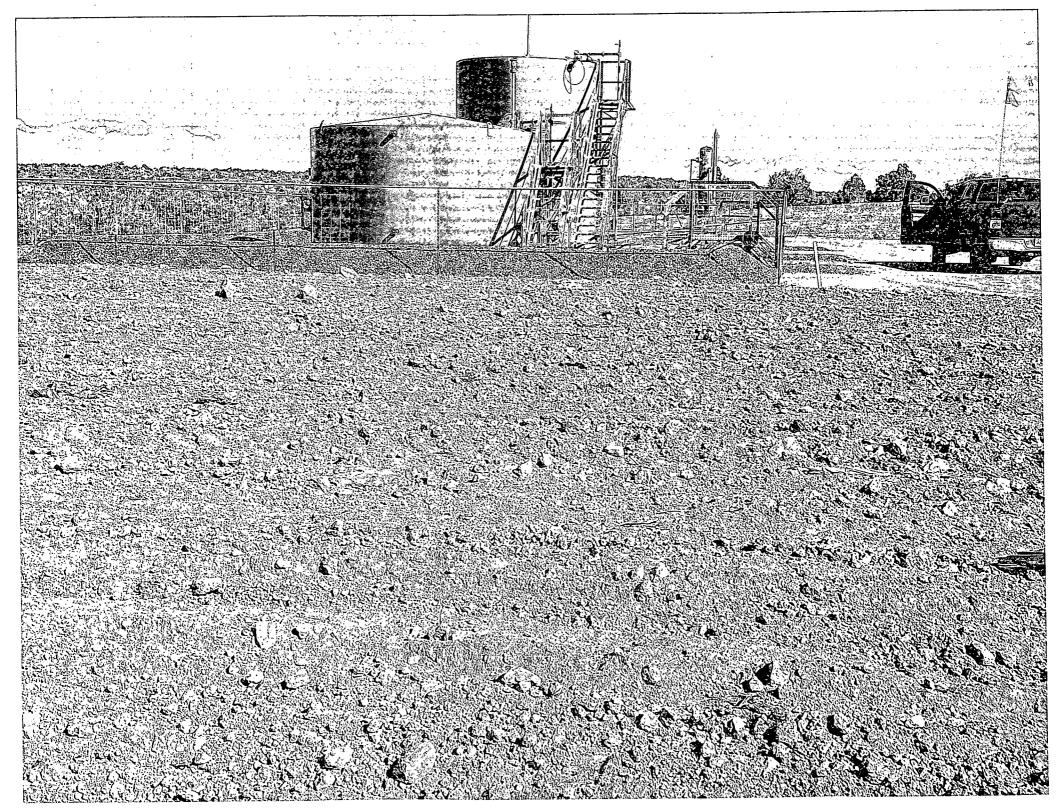
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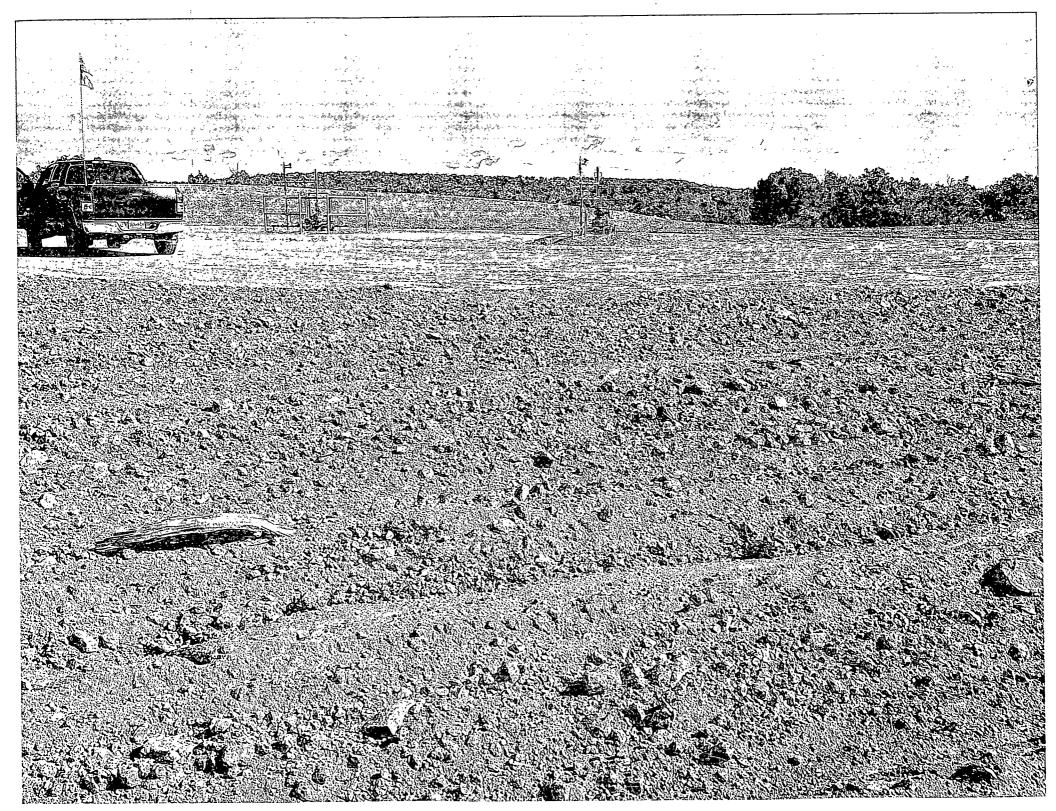


**Reclamation Form:** 

Date: 10/16/13 Well Name: 55 29-7 93C (Interim) Footages: 2636 FSL 4-2206 FEL Unit Letter: J Section: \_\_\_\_, T-29 -N, R-7 -W, County: Rin Annaba State: NM Reclamation Contractor: JD RETTER Reclamation Start Date: 9/6/13 Reclamation Complete Date: 9/20/13 Road Completion Date: <u>9/20/13</u> 10/15/13 - NELSON REVEG Seeding Date: \*\*PIT MARKER STATUS (When Required): Picture of Marker set needed MARKER PLACED :  $\frac{i0/21/13}{(DATE)}$ LATATUDE: N.36.7847353° LONGITUDE: 40/07.538806 (DATE) Construction Inspector: JARED CHAVE Date: 10/16/13 **Inspector Signature:** Office Use Only: Subtask \_\_\_\_\_DSIM Folder Pictures Revised 6/14/2012

ESGURGES SAN JUAN 29-7 UNIT #93C 2636' FSL 2206' FEL UNIT J SEC 2 T29N R7W BH: SENW SEC 2 T29N R7W API # 30-039-31161 ELEV. 6832' LEASE # E-5184-49 LATITUDE 36° 45 MIN. 17 SEC. N (NAD 83) LONGITUDE 107° 32 MIN. 20 SEC. W (NAD 83) RIO ARRIBA COUNTY, NEW MEXICO EMERGENCY CONTACT: 1-505-324-5170





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	WELL NAME: San Juan 29-7 Unit 93C	OPEN P	IT INSPE	CTION I	ORM			Cond	ocoPh	illips
<u> </u>	INSPECTOR	Fred Mtz	Fred Mtz	S.Mobley	Mobley	Mobley	Merrell	MERRELL	Merrell	Merrell 1
	DATE	03/20/13	04/04/13	04/18/13	04/25/13	05/01/13	05/07/13	05/13/13	05/20/13	05/29/13
<u> </u>	*Please request for pit extention after 26 weeks	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Veek 9
	PIT STATUS	Completed	Completed	Completed	Completed	Completed				Completed
		Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up
ATION	Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	Yes 🗌 No	Yes 🗌 No	🗹 Yes 🔲 No	🗹 Yes 🗌 No	✓ Yes 🗌 No	🗹 Yes 🗌 No	🗹 Yes 🗌 No	Yes No	Yes No
LOCA	Is the temporary well sign on location and visible from access road?	Yes 🗋 No	Yes 🗌 No	🗹 Yes 🗌 No	☑ Yes 🗌 No	マ Yes 🗌 No	🗹 Yes 🗌 No	☑ Yes 🗌 No	Yes 🗋 No	Yes 🗌 No
	Is the access road in good driving condition? (deep ruts, bladed)	Yes 🗌 No	Yes 🗌 No	🗹 Yes 🔲 No	Yes 🗌 No	🗹 Yes 🛄 No	🗹 Yes 🔲 No	V Yes 🗌 No	Yes 🗋 No	Yes 🗌 No
	Are the culverts free from debris or any object preventing flow?	Yes 🗋 No	Yes 🗌 No	Yes 🗌 No	Yes 🗌 No	Yes 🗌 No	Yes 🗋 No	🗸 Yes 🔲 No	Yes No	Yes No
	Is the top of the location bladed and in good operating condition?	Yes No	Yes No	Yes 🗌 No	Ves 🗌 No	✓ Yes 🗌 No	Yes 🗌 No	✓ Yes 🗌 No	Yes No	Yes No
NCE	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?	Yes 🗌 No	Yes No	Yes 🗌 No	✓ Yes 🗌 No	✓ Yes □ No	✓ Yes 🗌 No	✓ Yes 🗌 No	Yes No	Yes No
OMPLIAN	Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	Yes 🗋 No	Yes No	Yes No	🗹 Yes 🗌 No	Yes No	Ves No	✓ Yes 🗌 No	Yes No	Yes 🗌 No
AI CO	Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	Yes 🗋 No	Yes No	Yes 🗌 No	Yes 🗋 No	Yes 🗌 No	Yes 🗌 No	🗸 Yes 🗌 No	Yes No	Yes No
ONMENT/	Does the pit contain two feet of free board? (check the water levels)	Yes 🗌 No	Yes 🗋 No	🗹 Yes 🔲 No	✓ Yes 🗌 No	🗸 Yes 🗌 No	Ves 🗌 No	🗸 Yes 🗌 No	Yes No	Yes No
RONA	Is there any standing water on the blow pit?	Yes No	Yes No	Yes 🗹 No	Yes 🗸 No	Yes 🗸 No	Yes 🗸 No	Yes 🗸 No	Yes No	Yes No
ENVIRG	Are the pits free of trash and oil?	Yes No	Yes 🗋 No	Yes 🗌 No	🗹 Yes 🗌 No	Yes 🖌 No	Yes 🗸 No	Yes 🔽 No	Yes No	Yes No
	Are there diversion ditches around the pits for natural drainage?	Yes No	Yes No	🗹 Yes 🗌 No	Yes 🗌 No	🗸 Yes 🗌 No	✓ Yes 🗌 No	🗸 Yes 🗌 No	Yes 🗍 No	Yes No
	Is there a Manifold on location?	Yes No	Yes No	☑ Yes 🗌 No	Ves 🗌 No	Yes No	✓ Yes 🗌 No	☑ Yes 🗌 No	Yes 🗍 No	Yes 🗌 No
	Is the Manifold free of leaks?; Are the hoses in good condition?	Yes No	Yes No	🗹 Yes 🗌 No	✓ Yes 🗌 No	🗹 Yes 🗌 No	☑ Yes 🔲 No	🗹 Yes 🔲 No	Yes No	Yes 🗌 No
- CO	Was the OCD contacted?	Yes 🗌 No	Yes 🗌 No	Yes 🖓 No	Yes 🔽 No	Yes 🔽 No	🗌 Yes 🔽 No	Yes 🗸 No	Yes No	🗌 Yes 🗌 No
	PICTURE TAKEN	Yes 🗌 No	Yes No	Yes 🔽 No	Yes 🗸 No	Yes 🗸 No	🗌 Yes 🗸 No	Yes 🖌 No	Yes 🗍 No	🗌 Yes 🛄 No
	COMMENTS	Rig On location	Rig on location	Pit is ready to be pulled	Sampled pit	Debris in pit	Debris in pit	Very little debris in pit.Location good. 9 frac tanks on location.		RIG ON LOCATION.

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	WELL NAME:									
	San Juan 29-7 Unit 93C	Chavez	A A	M	Charles	1 Atomali	Merrell	Merrell	Merrell	Chavez
-	DATE		Merrell 06/14/13	Merrell 06/19/13	Chavez 06/24/13	Merrell 07/01/13	07/08/13	07/16/13	07/24/13	07/30/13
	*Please request for pit extension after 26 weeks	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18
		Drilled     Completed	Drilled     Completed	Drilled     Completed	Drilled	Drilled     Completed	Drilled     Completed	Drilled     Completed	Drilled     Completed	Drilled     Completed
1	PIT STATUS;	Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up	Clean-Up
ATION	Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	Yes No	Yes 🗌 No	Yes No	Yes 🗌 No	🗹 Yes 🗌 No	☑ Yes 🗌 No	Yes 🗌 No	🗹 Yes 🛄 No	✓ Yes 🗌 No
LOCA	Is the temporary well sign on location and visible from access road?	Yes No	Yes 🗌 No	Yes No	Yes No	⊻ Yes 🗌 No	🗹 Yes 📋 No	☑ Yes 🗌 No	☑ Yes 🗌 No	🗹 Yes 🔲 No
	Is the access road in good driving condition? (deep ruts, bladed)	Yes 🗌 No	🗌 Yes 🔲 No	Yes No	Yes 🗌 No	🖌 Yes 🔲 No	🗹 Yes 🗌 No	Yes 🗌 No	✓ Yes 🗌 No	🗹 Yes 🔲 No
	Are the culverts free from debris or any object preventing flow?	Yes 🗌 No	Yes No	Yes No	Yes No	🗸 Yes 🗌 No	✓ Yes 🗌 No	Yes 🗌 No	✓ Yes 🗌 No	Yes 🗍 No
	Is the top of the location bladed and in good operating condition?	Yes 🗋 No	Yes 🗌 No	Yes No	Yes No	🗹 Yes 🗌 No	Yes 🔲 No	Yes 🗌 No	Yes 🗋 No	Yes 🗌 No
ANCE	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes 🗌 No	🗹 Yes 🗌 No	Yes 🗋 No	🖌 Yes 🗌 No
OMPLIAN	Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	Yes No	Yes No	Yes No	Yes No	✓ Yes 🗌 No	✓ Yes 🗌 No	Yes 🗌 No	Ves 🗋 No	🖌 Yes 📋 No
Ŭ	Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	Yes 🔲 No	Yes No	Yes No	Yes No	✓ Yes 🗌 No	Yes 🗌 No	Yes 🗌 No	Yes 🗋 No	🖌 Yes 🗌 No
ENVIRONMENTAL	Does the pit contain two feet of free board? (check the water levels)	Yes No	Yes No	Yes No	Yes No	🗹 Yes 🗌 No	🖌 Yes 🔲 No	Yes 🗌 No	Ves 🗋 No	🗹 Yes 🔲 No
IRONI	Is there any standing water on the blow pit?	Yes 🗌 No	Yes No	Yes No	Yes No	Yes 🖌 No	Yes 🔽 No	Yes 🗹 No	Yes 🖓 No	Yes 🕢 No
ENV	Are the pits free of trash and oil?	Yes No	Yes 🗌 No	Yes No	Yes No	🗹 Yes 🗌 No	Yes 🗌 No	Yes 🗌 No	Ves 🗋 No	🗹 Yes 🔲 No
	Are there diversion ditches around the pits for natural drainage?	Yes No	Yes No	Yes No	Yes No	🗹 Yes 🗌 No	Yes 🗌 No	☑ Yes 🗌 No	Ves 🗌 No	🗹 Yes 🗌 No
	Is there a Manifold on location?	Yes No	Yes No	Yes No	Yes No	🗸 Yes 🗌 No	Yes 🗌 No	Yes 🗌 No	Yes 🗌 No	🗹 Yes 🗌 No
	Is the Manifold free of leaks? Are the hoses in good condition?	🗌 Yes 🗌 No	🗌 Yes 🛄 No	Yes 🗍 No	Yes 🗋 No	🗹 Yes 🔲 No	🗹 Yes 🔲 No	🗹 Yes 🗌 No	🗹 Yes 🔲 No	🗹 Yes 🗋 No
ocb	Was the OCD contacted?	Yes No	🗌 Yes 🔲 No	Yes No	Yes No	Yes 🗸 No	Yes 🗹 No	🗌 Yes 🗹 No	🗌 Yes 🔽 No	🗌 Yes 才 No
	PICTURE TAKEN	🗌 Yes 🛄 No	Yes 🗌 No	Yes No	Yes No	Yes 🗹 No	Yes 🗸 No	Yes 🖌 No	Yes 🗸 No	Yes 🔽 No
		FRAC CREW ON LOCATION.	Drake 26 on location.	Drake 26 on location.	Rig on location.	Good.	Location good: Keystone staging to set facilities.		Good. Facilities set.	Good.

	WELL NAME: San Juan 29-7 Unit 93C INSPECTOR	Merrell	Merrell	Merrell	Merrell	Smith	ſ	T	T	T
E	DATE	08/06/13	08/12/13	08/19/13	08/28/13	09/05/13				
	*Please request for pit extention after 26 weeks PIT STATUS	Week 19 ✓ Drilled ✓ Completed Clean-Up	Week 20 Drilled Completed Clean-Up	Week 21  Drilled  Completed  Clean-Up	Week 22 ✓ Drilled ✓ Completed Clean-Up	Week 23 ✓ Drilled ✓ Completed ✓ Clean-Up	Week 24	Week 25	•Week 26•	Week 27
Z	Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	✓ Yes 🗌 No	✓ Yes 🗋 No	⊻ Yes 🗌 No	Yes 🗌 No	☑ Yes 🗌 No	Yes No	Yes No	Yes No	Yes No
	Is the temporary well sign on location and visible from access road?	Ƴ Yes □ No	🗹 Yes 🗌 No	☑ Yes 🗌 No	🗹 Yes 🔲 No	🗸 Yes 🗌 No	Yes No	Yes No	Yes No	Yes No
	Is the access road in good driving condition? (deep ruts, bladed)	Ves 🗌 No	Yes 🗋 No	🗹 Yes 🗌 No	🗹 Yes 🗌 No	Yes 🗌 No	Yes No	Yes No	Yes No	Yes No
	Are the culverts free from debris or any object preventing flow?	☑ Yes 🗌 No	✓ Yes 🗌 No	🗸 Yes 🗌 No	🗹 Yes 🗌 No	✓ Yes 🗌 No	Yes 🗌 No	Yes No	Yes No	Yes No
	Is the top of the location bladed and in good operating condition?	🗹 Yes 🔲 No	🗹 Yes 🔲 No	🗸 Yes 🗌 No	🗹 Yes 🗌 No	Yes 🗌 No	Yes 🗌 No	Yes 🗍 No	Yes No	Yes No
	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?	✓ Yes 🗌 No	🗹 Yes 🗌 No	🗸 Yes 🗌 No	🖌 Yes 🗌 No	☑ Yes 🗌 No	Yes No	Yes No	Yes No	Yes No
	Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	🖌 Yes 🗌 No	🗌 Yes 🔽 No	🗸 Yes 🛄 No	✓ Yes 🗌 No	✓ Yes 🗍 No	Yes No	Yes No	Yes 🗌 No	Yes No
I ~ I	Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	✓ Yes 🗌 No	🗹 Yes 🛄 No	🖌 Yes 🗌 No	🗸 Yes 🗌 No	✓ Yes 🗍 No	Yes No	Yes No	Yes No	Yes No
MENT/	Does the pit contain two feet of free board? (check the water levels)	🗹 Yes 🗌 No	🗹 Yes 🔲 No	✓ Yes 🗌 No	🖌 Yes 🗌 No	🖌 Yes 🗌 No	Yes 🗌 No	Yes No	Yes No	Yes 🗌 No
ENVIRONMENTAL	Is there any standing water on the blow pit?	Yes 🗸 No	🗌 Yes 🗹 No	Yes 🔽 No	🗌 Yes 🔽 No	🗌 Yes 🗾 No	Yes No	Yes No	Yes No	Yes No
ENV	Are the pits free of trash and oil?	🗹 Yes 🗌 No	🗹 Yes 🔲 No	✓ Yes □ No	Yes 🗌 No	Yes 🗌 No	Yes No	Yes No	Yes No	Yes No
	Are there diversion ditches around the pits for natural drainage?	🗸 Yes 🗌 No	🗹 Yes 🗌 No	✓ Yes 🗌 No	✓ Yes 🗌 No	✓ Yes 🗌 No	Yes No	Yes No	Yes No	Yes 🗌 No
·	Is there a Manifold on location?	🗹 Yes 🗌 No	🗹 Yes 🗌 No	🗹 Yes 🗌 No	Yes 🗌 No	✓ Yes 🗌 No	Yes No	Yes No	Yes No	Yes No
	Is the Manifold free of leaks? Are the hoses in good condition?	🖓 Yes 🗌 No	Ves 🗌 No	🗹 Yes 🔲 No	🗹 Yes 🗌 No	🖌 Yes 🔲 No	Yes 🗌 No	Yes No	Yes No	Yes 🗌 No
OCD	Was the OCD contacted?	🗌 Yes 🔽 No	🗌 Yes 🔽 No	🗌 Yes 🔽 No	Yes 🔽 No	Yes 🔽 No	Yes 🗌 No	Yes No	Yes No	Yes No
	PICTURE TAKEN	Yes 🕢 No	Yes 🗸 No	Yes 🗹 No	Yes 🖌 No	Yes 🗸 No	Yes 🗋 No	Yes No	Yes No	Yes No
	COMMENTS	Location Good.		Liner repaired. Paint crew on site. Location good.	Good. No water on surface.	Started closing pit this week	Pit closed 9/9/13			

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