District I

1625 N French Dr , Hobbs, NM 88240

District II

1301 W Grand Ave , Artesia, NM 88210

District III

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

1220 S St Francis Dr , Santa Fe, NM 87505

# State of New Mexico Energy Minerals and Natural Resources

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

Pit, Closed-Loop System, Below-Grade Tank, or

 $\label{eq:July 21, 2008} \mbox{ July 21, 2008}$  For temporary pits, closed-loop sytems, and below-grade

Form C-144

tanks, submit to the appropriate NMOCD District Office

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office

| Proposed Alternative Method Permit or Closure Plan Application   |
|--|
| Type of action. Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method  |
| X Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method   |
| Modification to an existing permit   |
| Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method   |
| Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, 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 |
| Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538   |
| Address: P.O. Box 4289, Farmington, NM 87499   |
| Facility or well name: MAR VISTA SWD 1   |
| API Number: OCD Permit Number  |
| U/L or Qtr/Qtr: N(SE/SW) Section 2 Township: 29N Range: 11W County: SAN JUAN   |
| Center of Proposed Design: Latitude: 36.748362 °N Longitude: 107.961369 °W NAD: 1927 X 1983  |
| Surface Owner: Federal X State Private Tribal Trust or Indian Allotment  |
| 2<br>  |
| Temporary X Drilling Workover  |
| Permanent Emergency Cavitation P&A   |
| X Lined Unlined Liner type Thickness 20 mil X LLDPE HDPE PVC Other   |
| X String-Reinforced  |
| Liner Seams X Welded X Factory Other Volume 7700 bbl Dimensions L 120' x W 55' x D 12'   |
| Closed-loop System: Subsection H of 19 15 17 11 NMAC   |
| Type of Operation P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or  |
| notice of intent)  |
| Drying Pad Above Ground Steel Tanks Haul-off Bins Other  Lined Unlined Liner type Thickness mil LLDPE HDPE PVD Other   |
| Liner Seams   Welded   Factory   Other   |
| A DECLIVED IS  |
| Below-grade tank: Subsection I of 19 15 17 11 NMAC   |
| Below-grade tank: Subsection I of 19 15 17 11 NMAC  Volume   |
| Tank Construction material   |
| Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off  |
| Visible sidewalls and liner Visible sidewalls only Other   |
| Liner Type Thicknessmil HDPE PVC Other   |
| 5 Alternative Method:  |
| Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval   |

| Fencing: Subsection D of 19 15 17 11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)  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)  Four foot height, four strands of barbed wire evenly spaced between one and four feet  Alternate Please specify  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  X Signed in compliance with 19 15 3 103 NMAC   |                 |        |  |  |  |
| Administrative Approvals and Exceptions:  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:   |                 |        |  |  |  |
| Administrative approval(s) Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for const. (Fencing/BGT Liner)   | deration of app | proval |  |  |  |
| 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. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system. |                 |        |  |  |  |
| Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.  - NM Office of the State Engmeer - 1WATERS database search, USGS, Data obtained from nearby wells   | Yes             | □No    |  |  |  |
| Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map, Visual inspection (certification) of the proposed site  | Yes             | □No    |  |  |  |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.   | Yes             | □No    |  |  |  |
| (Applies to temporary, emergency, or cavitation pits and below-grade tanks)   | □NA             |        |  |  |  |
| - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image   |                 | _      |  |  |  |
| Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applied to permanent pits)  - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image  | Yes NA          | ∐No    |  |  |  |
| Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.  | Yes             | □No    |  |  |  |
| - NM Office of the State Engineer - iWATERS database search, Visual inspection (certification) of the proposed site   |                 |        |  |  |  |
| 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   | Yes             | No     |  |  |  |
| <ul> <li>Written confirmation or verification from the municipality, Written approval obtained from the municipality</li> <li>Within 500 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     |  |  |  |
| Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division   | Yes             | □No    |  |  |  |
| Within an unstable area.  - Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society, Topographic map   | Yes             | No     |  |  |  |
| Within a 100-year floodplain - FEMA map   | Yes             | □No    |  |  |  |

| 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   |
| Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19 15 17 9   |
| Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC  |
| Design Plan - based upon the appropriate requirements of 19 15 17 11 NMAC  |
| Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC   |
| Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of   |
| 19 15 17 9 NMAC and 19 15 17 13 NMAC   |
| Previously Approved Design (attach copy of design)  API or Permit  |
| 12   |
| Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19 15 17 9 NMAC Instructions Each of the following items must be attached to the application Please indicate, by a check mark in the box, that the documents are attached |
| Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19 15 17 9  |
| Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19 15 17 10 NMAC   |
| Design Plan - based upon the appropriate requirements of 19 15 17 11 NMAC  |
|  |
| Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC   |
| Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15 17 9  NMAC and 19 15 17 13 NMAC   |
| Previously Approved Design (attach copy of design)  API  |
| Previously Approved Operating and Maintenance Plan API   |
|  |
| Permanent Pits Permit Application 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 - based upon the requirements of Paragraph (I) of Subsection B of 19 15 17 9 NMAC   |
| Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC  |
| Climatological Factors Assessment  |
| Certified Engineering Design Plans - based upon the appropriate requirements of 19 15 17 11 NMAC   |
| Dike Protection and Structural Integrity Design based upon the appropriate requirements of 19 15 17 11 NMAC  |
| Leak Detection Design - based upon the appropriate requirements of 19 15 17 11 NMAC  |
| Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19 15 17 11 NMAC  |
| Quality Control/Quality Assurance Construction and Installation Plan   |
| Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC   |
| Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19 15 17 11 NMAC  |
| Nuisance or Hazardous Odors, including H2S, Prevention Plan  |
| Emergency Response Plan  |
| Oil Field Waste Stream Characterization  |
| Monitoring and Inspection Plan   |
| Erosion Control Plan   |
| Closure Plan - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19 15 17 13 NMAC   |
| 14   |
| Proposed Closure: 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 Closed-loop System  |
| Alternative  |
| Proposed Closure Method Waste Excavation and Removal   |
| Waste Removal (Closed-loop systems only)   |
| On-site Closure Method (only for temporary pits and closed-loop systems)   |
| In-place Burial On-site Trench   |
| Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)   |
|  |
| Waste Excavation and Removal 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 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 F 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 I of 19 15 17 13 NMAC   |
| Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC  |

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| Instructions Please identify the facility or facilities for th  | t Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19 15 17 13 D NMAC) the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two   | ,                          |  |  |  |  |  |
|---|---|----------------------------|--|--|--|--|--|
| facilities are required  Disposal Facility Name   | Disposal Facility Permit #  |                            |  |  |  |  |  |
|   | Disposal Facility Permit #  |                            |  |  |  |  |  |
|   | ons and associated activities occur on or in areas that will not be used for future  No   | service and                |  |  |  |  |  |
| Required for impacted areas which will not be used for full Soil Backfill and Cover Design Specification  Re-vegetation Plan - based upon the appropriation   |   | AC                         |  |  |  |  |  |
| certain siting criteria may require administrative approval fro   | is only: 19 15 17 10 NMAC compliance in the closure plan Recommendations of acceptable source material are provided on the appropriate district office or may be considered an exception which must be submitted in nonstrations of equivalency are required. Please refer to 19 15 17 10 NMAC for guidance     |                            |  |  |  |  |  |
| Ground water is less than 50 feet below the bottom of NM Office of the State Engineer - iWATERS data  |   | Yes No                     |  |  |  |  |  |
| Ground water is between 50 and 100 feet below the - NM Office of the State Engineer - iWATERS datab   |   | Yes No                     |  |  |  |  |  |
| Ground water is more than 100 feet below the botton   |   | Yes No                     |  |  |  |  |  |
| - NM Office of the State Engineer - tWATERS datab  Within 300 feet of a continuously flowing watercourse, or (measured from the ordinary high-water mark)   | 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake   | ∏N/A<br>☐ Yes ☐ No         |  |  |  |  |  |
| - Topographic map, Visual inspection (certification) of   | of the proposed site  |                            |  |  |  |  |  |
| Within 300 feet from a permanent residence, school, hosp - Visual inspection (certification) of the proposed site   | ntal, institution, or church in existence at the time of initial application, Aerial photo, satellite image   | ∐Yes ∐No                   |  |  |  |  |  |
| purposes, or within 1000 horizontal fee of any other fresh - NM Office of the State Engineer - iWATERS database Within incorporated municipal boundaries or within a defi pursuant to NMSA 1978, Section 3-27-3, as amended | water well or spring that less than five households use for domestic or stock watering water well or spring, in existence at the time of the initial application ase, Visual inspection (certification) of the proposed site fined municipal fresh water well field covered under a municipal ordinance adopted | Yes No                     |  |  |  |  |  |
| Within 500 feet of a wetland  | ipality, Written approval obtained from the municipality  Topographic map, Visual inspection (certification) of the proposed site   | Yes No                     |  |  |  |  |  |
| Within the area overlying a subsurface mine  - Written confirantion or verification or map from the   |   | Yes No                     |  |  |  |  |  |
| Within an unstable area   | NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society,  | Yes No                     |  |  |  |  |  |
| Topographic map Within a 100-year floodplain - FEMA map   |   | Yes No                     |  |  |  |  |  |
| 18 On-Site Closure Plan Checklist: (19 15 17 13 NN by a check mark in the box, that the documents ar  | MAC) Instructions: Each of the following items must bee attached to the close entached.   | sure plan Please indicate, |  |  |  |  |  |
|   | based upon the appropriate requirements of 19 15 17 10 NMAC   |                            |  |  |  |  |  |
| Proof of Surface Owner Notice - based upon  | the appropriate requirements of Subsection F of 19 15 17 13 NMAC  |                            |  |  |  |  |  |
| <b>□</b>  | if applicable) based upon the appropriate requirements of 19 15 17 11 NMAC  |                            |  |  |  |  |  |
|   | (for in place burial of a drying pad) - based upon the appropriate requirements o   | f 19 15 17 11 NMAC         |  |  |  |  |  |
|   | ppropriate requirements of 19 15 17 13 NMAC   |                            |  |  |  |  |  |
|   | based upon the appropriate requirements of Subsection F of 19 15 17 13 NMA  | C                          |  |  |  |  |  |
|   | the appropriate requirements of Subsection F of 19 15 17 13 NMAC  |                            |  |  |  |  |  |
| Soil Cover Design - based upon the appropri   | (for liquids, drilling fluids and drill cuttings or in case on-site closure standards ate requirements of Subsection H of 19 15 17 13 NMAC  | cannot be achieved)        |  |  |  |  |  |
| Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC  Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC                       |   |                            |  |  |  |  |  |

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Form C-144

| 19 Operator Application Certification:  |
|---|
| I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief   |
| Name (Print) Title  |
| Signature Date  |
| e-mail address Telephone  |
| OCD Approval: Permit Application (including closure plan) Closure Plan-(only) OCD Conditions (see attachment)  OCD Representative Signature: Approval Date: 8/4/2011  Title: OCD Permit Number:   |
| Closure Report (required within 60 days of closure completion): Subsection K of 1915 1713 NMAC Instructions Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.  [X] Closure Completion Date:  February 18, 2011  |
| 22  |
| Closure Method:  Waste Excavation and Removal X On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)  If different from approved plan, please explain   |
| Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:  Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed.  Disposal Facility Name  Disposal Facility Permit Number  Disposal Facility Name  Disposal Facility Permit Number  Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and opeartions?  |
| Yes (If yes, please demonstrate compliane to the items below)  Required for impacted areas which will not be used for future service and operations  Site Reclamation (Photo Documentation)  Soil Backfilling and Cover Installation  Re-vegetation Application Rates and Seeding Technique   |
|   |
| 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.  X Proof of Closure Notice (surface owner and division) X Proof of Deed Notice (required for on-site closure) X Plot Plan (for on-site closures and temporary pits) X Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) X Disposal Facility Name and Permit Number X Soil Backfilling and Cover Installation X Re-vegetation Application Rates and Seeding Technique X Site Reclamation (Photo Documentation) On-site Closure Location Latitude 36.748258  N Longitude 107.961681  W NAD 1927 X 1983 |
| 25  |
| Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is ture, 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) Jamie Goodwin Title Regulatory Tech  |
| Signature Jamiu Goodwu Date 4/5/11  |
| e-mail address Jamie L Goodwin@conocophillips.com Telephone 505-326-9784  |

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

Lease Name: MAR VISTA SWD 1

API No.: 30-045-35126

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 sent via permit submittal. (See Attached)(Well located on State Land, certified mail is not required for Federal Land per BLM/OCD MOU.)

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

Provision 4 of the closure plan requirements were not met due to rig move off date as noted on C-105 which was prior to pit rule change. Burlington will ensure compliance with this rule in the future.

- 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           | 6.1 ug/kg |
| BTEX       | EPA SW-846 8021B or 8260B | 50            | 6.1 ug/kG |
| TPH        | EPA SW-846 418.1          | 2500          | 38.5mg/kg |
| GRO/DRO    | EPA SW-846 8015M          | 500           | 0.5 mg/Kg |
| Chlorides  | EPA 300.1                 | (1000)500     | 235 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.

10. 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 on 3/11/11 with the following seeding regiment:

| Туре                     | Variety or<br>Cultivator | PLS/A |
|--------------------------|--------------------------|-------|
| Western wheatgrass       | Arriba                   | 3 0   |
| Indian ricegrass         | Paloma or<br>Rimrock     | 3 0   |
| Slender wheatgrass       | San Luis                 | 20    |
| Crested wheatgrass       | Hy-crest                 | 3 0   |
| Bottlebrush Squirreltail | Unknown                  | 20    |
| Four-wing Saltbrush      | Delar                    | 25    |

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. BLM or Forest Service stipulated seed mixes will used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

Provision 14 was accomplished on 3/11/11 with the above seeding regiment. Seeing was accomplished via drilling on the contour whenever practical or by other division-approved methods. The OCD will be notified once two successive growing seasons have been accomplished by submitting a C-103.

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, MAR VISTA SWD 1, UL-N, Sec. 2, T 29N, R 11W, API # 30-045-35126

DISTRICT I 1625 N. French Dr., Hobbs, NM. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005

DISTRICT II 1301 West Grand Avenue, Artesia, N.M. 88210

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

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

| <sup>1</sup> API Number    | <sup>2</sup> Pool Code | <sup>3</sup> Pool Name<br>SWD/BLANCO MES | SAVERDE                  |
|----------------------------|------------------------|--|--------------------------|
| <sup>4</sup> Property Code | <sup>6</sup> Prop      | erty Name                                | <sup>6</sup> Well Number |
|                            | MAR VIS                | TA SWD                                   | 1                        |
| OGRID No.                  | <sup>8</sup> Oper      | ator Name                                | * Elevation              |
|                            | BURLINGTON RESOURCES   | OIL & GAS COMPANY LP                     | 5692'                    |

<sup>10</sup> Surface Location

| UL or lot no.                                     | Section<br>2 | Township<br>29-N | Range<br>11W | Lot Idn | Feet from the<br>290 | North/South line<br>SOUTH | Feet from the 2490 | East/West line<br>WEST | SAN JUAN |  |
|---|--------------|------------------|--------------|---------|----------------------|---------------------------|--------------------|------------------------|----------|--|
| 11 Bottom Hole Location If Different From Surface |              |                  |              |         |                      | ,                         |                    |                        |          |  |

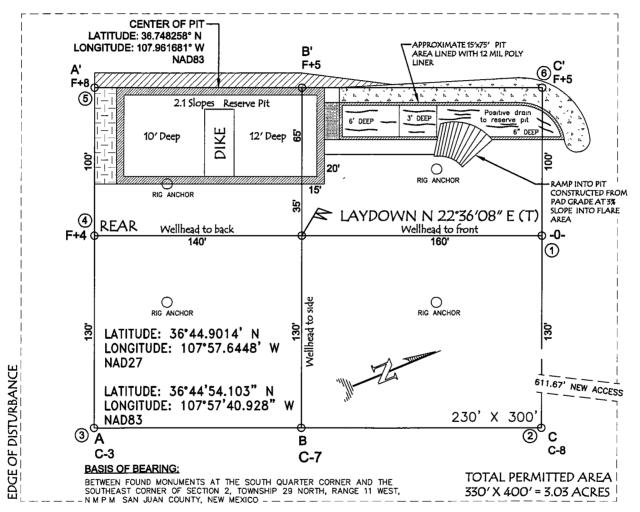
UL or lot no. Section Township Lot ldn Feet from the North/South line East/West line Feet from the County 18 Dedicated Acres 18 Joint or Infill 14 Consolidation Code 15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 16

| 6           | <b>.</b>                | T-30-N   |   |              | IN OPERATION OFFICE AND A   |
|-------------|-------------------------|--|---|--------------|---|
| •           | FND BLM<br>"1997" BC    | T-29-N   |   | 1            | 17 OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unlessed mineral interest in the  |
|             | LOT 4                   | LOT 3  | LOT 2   | LOT 1        | land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order herstofore entered by the division. |
|             | BASIS OF BEARING:       |  | į į   |              |   |
|             |                         | ENTS AT THE SOUTH QUAR<br>SECTION 2, TOWNSHIP 29 I |   |              | Signature   |
|             | LINE BEARS: S 89'07'08" | E A DISTANCE OF 2684 2                             | 22 FEET AS MEASURED BY GP                       | :            | Signature   |
| ı           |                         |  |   |              | Printed Name  |
| d           | <b>-</b> -              | <del> </del>                                       | 2- <del>-</del>                                 |              |   |
|             | FND BLM<br>"1997" BC    |  |   | .4.42. 81    |   |
| 1           |                         |  | LATITUDE: 36°44.90<br>LONGITUDE: 107°57         |              | <sup>18</sup> SURVEYOR CERTIFICATION  |
| .19         |                         |  | NAD27   |              | I hereby certify that the well location shown on this plat<br>was plotted from field notes of actual surveys made by  |
| 2631.       |                         |  | LATITUDE: 36.7483<br>LONGITUDE: 107.96<br>NAD83 |              | me or under my supervision, and that the same is true<br>and correct to the best of my belief.  |
|             |                         | <br>   | _L  |              | PEBRUARY 1, 2010 Summing Page of Survey   |
|             |                         |  | İ   |              | Signature and Seal of The State ME  |
| NOO'16'28"E | 2490'                   |  |   |              | Signature and Seal of Transform ME 77   |
| Ī           | FND BLM                 | -0   | FND REBAR IN                                    |              | GLEN W. RUSSELL MINISTER  |
| 4           | "1997" BC               | 2616.10'   |   | FND REBAR    | GLEN W. RUSSEL Cultinum 15703   |
| _           | N88'44'21"E             | 2010.10  | (B.O.B.) S89°07'08"                             | L - 2684.22° | 10,00   |

# BURLINGTON RESOURCES OIL & GAS COMPANY LP

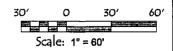
MAR VISTA SWD #1, 290' FSL & 2490' FWL SECTION 2, T-29-N, R-11-W, NMPM, SAN JUAN COUNTY, NM GROUND ELEVATION: 5692', DATE: JANUARY 14, 2010



LINE BEARS: S 89'07'08" E A DISTANCE OF 2684 22 FEET AS MEASURED BY G P S LOCAL GRID NAD83

### NOTES:

- VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
- 2. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW 3' WIDE AND 1' ABOVE SHALLOW SIDE).





# EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

| Client:              | ConocoPhillips | Project #:          | 96052-1706 |
|----------------------|----------------|---------------------|------------|
| Sample ID:           | Back Ground    | Date Reported:      | 01-19-11   |
| Laboratory Number:   | 57030          | Date Sampled:       | 01-18-11   |
| Chain of Custody No: | 10581          | Date Received:      | 01-18-11   |
| Sample Matrix:       | Soil           | Date Extracted:     | 01-19-11   |
| Preservative:        | Cool           | Date Analyzed:      | 01-19-11   |
| Condition:           | Intact         | Analysis Requested: | 8015 TPH   |

| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | ND                       | 0.2                      |
| Diesel Range (C10 - C28)     | ND                       | 0.1                      |
| Total Petroleum Hydrocarbons | ND                       |                          |

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Mar Vista S.W.D. #1

Analyst



# EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

| Client:              | ConocoPhillips | Project#:           | 96052-1706 |
|----------------------|----------------|---------------------|------------|
| - 11 - 11 - 11       | •              |                     |            |
| Sample ID:           | Reserve Pit    | Date Reported:      | 01-19-11   |
| Laboratory Number:   | 57031          | Date Sampled:       | 01-18-11   |
| Chain of Custody No: | 10581          | Date Received:      | 01-18-11   |
| Sample Matrix:       | Soil           | Date Extracted:     | 01-19-11   |
| Preservative:        | Cool           | Date Analyzed:      | 01-19-11   |
| Condition:           | Intact         | Analysis Requested: | 8015 TPH   |

| Parameter                    | Concentration (mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|-----------------------|--------------------------|
| Gasoline Range (C5 - C10)    | 0.5                   | 0.2                      |
| Diesel Range (C10 - C28)     | ND                    | 0.1                      |
| Total Petroleum Hydrocarbons | 0.5                   |                          |

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Mar Vista S.W.D. #1

Analyst



# EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

# **Quality Assurance Report**

| Client:                  | QA/QC                                   |               | Project #:      | ·               | N/A           |
|--------------------------|---|---------------|-----------------|-----------------|---------------|
| Sample ID:               | 01-19-11 QA/                            | nc            | Date Reported:  |                 | 01-19-11      |
|                          | 57022                                   | 30            | •               |                 |               |
| Laboratory Number:       | * · · · · · · · · · · · · · · · · · · · |               | Date Sampled:   |                 | N/A           |
| Sample Matrix:           | Methylene Chlor                         | ide           | Date Received:  |                 | N/A           |
| Preservative:            | N/A                                     |               | Date Analyzed:  |                 | 01-19-11      |
| Condition:               | N/A                                     |               | Analysis Reques | ted:            | TPH           |
|                          |   |               |                 |                 |               |
|                          | I-Cal Date                              | I-Cal RF:     | C-Cal RF:       | % Difference    | Accept Range  |
| Gasoline Range C5 - C10  | 01-19-11                                | 9.9960E+002   | 1.0000E+003     | 0.04%           | 0 - 15%       |
| Diesel Range C10 - C28   | 01-19-11                                | 9.9960E+002   | 1.0000E+003     | 0.04%           | 0 - 15%       |
| -                        |   |               |                 |                 |               |
| Blank Conc. (mg/L = mg/K | <b>g</b> ) 1                            | Concentration | 4 1 2 4 2 2 7   | Detection Limit |               |
| Gasoline Range C5 - C10  |   | ND            |                 | 0.2             |               |
| Diesel Range C10 - C28   |   | ND            |                 | 0.1             |               |
|                          |   |               |                 |                 |               |
| Duplicate Conc. (mg/Kg)  | Sample                                  | Duplicate     | % Difference    | Accept Range    |               |
| Gasoline Range C5 - C10  | 2,200                                   | 2,010         | 8.6%            | 0 - 30%         |               |
| Diesel Range C10 - C28   | 291                                     | 271           | 6.6%            | 0 - 30%         |               |
| **                       |   |               |                 |                 |               |
| Spike Conc. (mg/Kg)      | Sample                                  | Spike Added   | Spike Result    | % Recovery      | Accept. Range |
| Gasoline Range C5 - C10  | 2,200                                   | 250           | 2,470           | 101%            | 75 - 125%     |
|                          |   |               |                 |                 |               |

ND - Parameter not detected at the stated detection limit.

References:

Diesel Range C10 - C28

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

544

101%

75 - 125%

250

SW-846, USEPA, December 1996.

291

Comments:

QA/QC for Samples 57020-57027, 57030-57031

Analyst



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| Client:            | ConocoPhillips | Project#:           | 96052-1706 |
|--------------------|----------------|---------------------|------------|
| Sample ID.         | Back Ground    | Date Reported:      | 01-20-11   |
| Laboratory Number: | 57030          | Date Sampled:       | 01-18-11   |
| Chain of Custody:  | 10581          | Date Received:      | 01-18-11   |
| Sample Matrix:     | Soil           | Date Analyzed:      | 01-20-11   |
| Preservative:      | Cool           | Date Extracted:     | 01-19-11   |
| Condition:         | Intact         | Analysis Requested: | BTEX       |
|                    |                | Dilution:           | 10         |

| Concentration | Det.<br>Limit            |                     |
|---------------|--------------------------|---------------------|
| (ug/Kg)       | (ug/Kg)                  |                     |
|               | Concentration<br>(ug/Kg) | Concentration Limit |

| Benzene      | ND | 0.9 |
|--------------|----|-----|
| Toluene      | ND | 1.0 |
| Ethylbenzene | ND | 1.0 |
| p,m-Xylene   | ND | 1.2 |
| o-Xylene     | ND | 0.9 |
| Total BTEX   | ND |     |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter           | Percent Recovery |
|-----------------------|---------------------|------------------|
|                       | Fluorobenzene       | 101 %            |
|                       | 1,4-difluorobenzene | 94.3 %           |
|                       | Bromochlorobenzene  | 114 %            |

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Mar Vista S.W.D. #1

Analyst



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| Client:            | ConocoPhillips | Project#:                  | 96052-1706 |
|--------------------|----------------|----------------------------|------------|
| Sample iD:         | Reserve Pit    | Date Reported:             | 01-20-11   |
| Laboratory Number: | 57031          | Date Sampled:              | 01-18-11   |
| Chain of Custody:  | 10581          | Date Received <sup>.</sup> | 01-18-11   |
| Sample Matrix:     | Soil           | Date Analyzed:             | 01-20-11   |
| Preservative:      | Cool           | Date Extracted:            | 01-19-11   |
| Condition:         | Intact         | Analysis Requested.        | BTEX       |
|                    |                | Dilution:                  | 10         |

|           |               | Det.    |
|-----------|---------------|---------|
|           | Concentration | Limit   |
| Parameter | (ug/Kg)       | (ug/Kg) |

| Benzene      | 6.1 | 0.9 |
|--------------|-----|-----|
| Toluene      | ND  |     |
|              |     | 1.0 |
| Ethylbenzene | ND  | 1.0 |
| p,m-Xylene   | ND  | 1.2 |
| o-Xylene     | ND  | 0.9 |
| Total BTEX   | 6.1 |     |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter           | Percent Recovery |
|-----------------------|---------------------|------------------|
|                       | Fluorobenzene       | 90.7 %           |
|                       | 1,4-difluorobenzene | 90.7 %           |
|                       | Bromochlorobenzene  | 94.8 %           |

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Mar Vista S.W.D. #1

Analyst



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| Client:                 | N/A            |             | Project#:      |       | N/A      |
|-------------------------|----------------|-------------|----------------|-------|----------|
| Sample ID:              | 0120BBL2 QA/Q0 | ;           | Date Reported: |       | 01-20-11 |
| Laboratory Number:      | 57037          |             | Date Sampled:  |       | N/A      |
| Sample Matrix:          | Soil           |             | Date Received: |       | N/A      |
| Preservative:           | N/A            |             | Date Analyzed: |       | 01-20-11 |
| Condition:              | N/A            |             | Analysis:      |       | BTEX     |
|                         |                |             | Dilution:      |       | 10       |
| Calibration and         | I-Cal RF:      | C-Cal RF:   | %Diff.         | Blank | Detect:  |
| Détection Limits (ug/L) |                | Accept: Rar | nge 0 - 15%    | Conc  | Limit    |
| Benzene                 | 1.2914E+005    | 1.2940E+005 | 0.2%           | ND    | 0.1      |
| Toluene                 | 1.4329E+005    | 1.4358E+005 | 0.2%           | ND    | 0.1      |
| Ethylbenzene            | 1.2426E+005    | 1 2451E+005 | 0.2%           | МÐ    | 0.1      |
| p,m-Xylene              | 2.8140E+005    | 2.8196E+005 | 0.2%           | ND    | 0.1      |
| o-Xylene                | 1.1225E+005    | 1.1247E+005 | 0.2%           | ND    | 0.1      |

| Duplicate Conc. (ug/Kg) | Sample I | Duplicate - | %Diff., | Accept Range. | Detect. Limit |
|-------------------------|----------|-------------|---------|---------------|---------------|
| Benzene                 | ND       | ND          | 0.0%    | 0 - 30%       | 0.9           |
| Toluene                 | ND       | ND          | 0.0%    | 0 - 30%       | 1.0           |
| Ethylbenzene            | ND       | ND          | 0.0%    | 0 - 30%       | 1.0           |
| p,m-Xylene              | ND       | ND          | 0.0%    | 0 - 30%       | 1.2           |
| o-Xylene                | ND       | ND          | 0.0%    | 0 - 30%       | 0.9           |

| Spike Conc. (ug/Kg) | Sample Amo | unt Spiked Spik | ced Sample % | Recovery | Accept Range | 7<br>3 |
|---------------------|------------|-----------------|--------------|----------|--------------|--------|
| Benzene             | ND         | 500             | 496          | 99.2%    | 39 - 150     |        |
| Toluene             | ND         | 500             | 490          | 97.9%    | 46 - 148     |        |
| Ethylbenzene        | ND         | 500             | 526          | 105%     | 32 - 160     |        |
| p,m-Xylene          | ND         | 1000            | 1,110        | 111%     | 46 - 148     |        |
| o-Xylene            | ND         | 500             | 506          | 101%     | 46 - 148     |        |

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments:

QA/QC for Samples 57037, 27020-57021, 57030-57031/

Analyst

# EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

| Client:              | ConocoPhillips | Project#:        | 96052-1706 |
|----------------------|----------------|------------------|------------|
| Sample ID:           | Back Ground    | Date Reported:   | 01-20-11   |
| Laboratory Number:   | 57030          | Date Sampled:    | 01-18-11   |
| Chain of Custody No: | 10581          | Date Received:   | 01-18-11   |
| Sample Matrix.       | Soil           | Date Extracted:  | 01-19-11   |
| Preservative:        | Cool           | Date Analyzed:   | 01-19-11   |
| Condition:           | Intact         | Analysis Needed: | TPH-418.1  |

|           |               | Det.    |
|-----------|---------------|---------|
|           | Concentration | Limit   |
| Parameter | (mg/kg)       | (mg/kg) |

**Total Petroleum Hydrocarbons** 

23.9

5.3

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

Mar Vista S.W.D. #1

Analyst

LICAICA

| Client:              | ConocoPhillips | Project #:       | 96052-1706 |
|----------------------|----------------|------------------|------------|
| Sample ID:           | Reserve Pit    | Date Reported:   | 01-20-11   |
| Laboratory Number:   | 57031          | Date Sampled:    | 01-18-11   |
| Chain of Custody No: | 10581          | Date Received:   | 01-18-11   |
| Sample Matrix:       | Soil           | Date Extracted:  | 01-19-11   |
| Preservative:        | Cool           | Date Analyzed:   | 01-19-11   |
| Condition:           | Intact         | Analysis Needed: | TPH-418.1  |

|           |               | Det.    |
|-----------|---------------|---------|
|           | Concentration | Limit   |
| Parameter | (mg/kg)       | (mg/kg) |

**Total Petroleum Hydrocarbons** 

38.5

5.3

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

Mar Vista S.W.D. #1

6 M

Analyst



# EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

| Client: Sample ID: Laboratory Number: Sample Matrix: Preservative: Condition: |                        | QA/QC<br>QA/QC<br>01-19-TPH.QA/Q<br>Freon-113<br>N/A<br>N/A            | C 57030              | Project #: Date Reported: Date Sampled: Date Analyzed: Date Extracted: Analysis Neede |                      | N/A<br>01-20-11<br>N/A<br>01-19-11<br>01-19-11<br>TPH |
|---|------------------------|--|----------------------|---|----------------------|---|
| Calibration   | I-Cal Date<br>12-27-10 | C-Cal Date 01-19-11  | I-Cal RF:<br>1,660   | C-Cal RF:   | % Difference 4.8%    | Accept Range  |
| Blank Conc. (mg   | /Kg) =                 | روري چې <u>د محموره کا محموره</u><br>در کا کا د کا د کا د کا د کا د کا | Concentration<br>ND  | 200 20 11 2014  | Detection Lim<br>5.3 |   |
| Duplicate Conc.<br>TPH  | (mg/Kg) · .            |  | Sample <b>23.9</b>   | Duplicate 23.9  | % Difference 0.0%    | Accept Range<br>+/- 30%                               |
| Spike Conc. (mg   | /Kg)                   | Sample 23.9  | Spike Added<br>2,000 | Spike Result<br>1,920   | % Recovery 94.9%     | Accept Range  |

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

**QA/QC** for Samples 57030-57031

Analyst



# **Chloride**

ConocoPhillips Project #: 96052-1706 Client: Sample ID: Back Ground Date Reported: 01/20/11 Lab ID#: 57030 Date Sampled: 01/18/11 Date Received: 01/18/11 Sample Matrix: Soil Preservative: Date Analyzed: 01/20/11 Cool Condition: Intact Chain of Custody: 10581

Parameter Concentration (mg/Kg)

**Total Chloride** 

30

Reference:

U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983. Standard Methods For The Examination of Water And Waste Water", 18th ed., 1997.

Comments:

Mar Vista S.W.D. #1

Analyst



# Chloride

235

Client: ConocoPhillips Project #: 96052-1706 Sample ID: Reserve Pit Date Reported: 01/20/11 Lab ID#: 57031 Date Sampled: 01/18/11 Sample Matrix: Soil Date Received: 01/18/11 Preservative: Cool Date Analyzed: 01/20/11 Condition: Intact Chain of Custody: 10581

Parameter Concentration (mg/Kg)

Total Chloride

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1993

Comments: Mar Vista S.W.D. #1

Analyst Review

| Submit To Appropriate District Office Two Copies     |                    |              |              | State of New Mexico               |                           |                                   |            |            | Form C-105 |                        |             |                                |           |                      |          |                    |            |                                       |
|--|--------------------|--------------|--------------|-----------------------------------|---------------------------|-----------------------------------|------------|------------|------------|------------------------|-------------|--------------------------------|-----------|----------------------|----------|--------------------|------------|---------------------------------------|
| District I<br>1625 N French Dr                       | . Hobbs, NN        | n 88240      |              | Enc                               | ergy, l                   | Minerals and                      | d Nat      | tural R    | e:         | sources                | }           | July 17, 2008  1. WELL API NO. |           |                      |          |                    |            |                                       |
| District II<br>1301 W Grand Ave                      |                    |              |              |                                   | 0''                       |                                   | ·• ·       | D::-       | • -        |                        |             | 30-045-35126                   |           |                      |          |                    |            |                                       |
| District III<br>1000 Rio Brazos Rd , Aztec, NM 87410 |                    |              |              |                                   |                           | l Conservat<br>20 South St        |            |            |            |                        | Ì           | 2 Type of L                    |           |                      |          |                    |            |                                       |
| District IV  |                    |              |              |                                   |                           | Santa Fe, N                       |            |            |            | Г.                     |             | STA 3 State Oil 8              |           | Lease                |          | F                  | ED/INDI    | IAN                                   |
| 1220 S St Francis                                    | Dr , Santa F       | e. NM 8      | 37303        |                                   |                           |                                   | AIVI C     | 37303      | ,<br>      |                        |             | B-1-10644                      | -84       |                      |          |                    |            |                                       |
|  |                    | ETIC         | ON OR        | RECC                              | MPL                       | ETION RE                          | POR        | RT AN      | ID         | LOG                    |             | 1                              |           |                      |          |                    |            |                                       |
| 4 Reason for file                                    | ing                |              |              |                                   |                           |                                   |            |            |            |                        |             | 5 Lease Nam<br>MAR VIS'        |           |                      | greer    | nent Na            | me         |                                       |
| ☐ COMPLETI   | ION REP            | ORT (F       | Fill in boxe | #1 throu                          | igh #31                   | for State and Fee                 | e wells    | only)      |            |                        | Ì           | 6 Well Numl                    |           | 3112                 |          |                    |            |                                       |
| C-144 CLOS<br>#33, attach this a                     |                    |              |              |                                   |                           |                                   |            |            |            |                        | /or         | 1                              |           |                      |          |                    |            |                                       |
| 7 Type of Comp  ✓ NFW                                |                    | -<br>I WORI  | KOVER [      | T DEEPE                           | ENING                     | □PLUGBAC                          | < П I      | DIFFFR     | FN         | IT RESERV              | ⁄∩IR        | OTHER                          |           |                      |          |                    |            |                                       |
| 8 Name of Opera                                      | ator               |              |              |                                   |                           |                                   | <u> </u>   | JII I LIK  |            | T KESEKY               |             | 9 OGRID                        |           |                      |          |                    |            |                                       |
| Burlington R  10 Address of O                        | esource            | <u>s Oil</u> | Gas Cor      | npany,                            | LP                        |                                   |            |            |            |                        |             | 14538                          | or V      | Vildoot              |          |                    |            |                                       |
| PO Box 4298, Fa                                      | rmington,          | NM 87        | 499          |                                   |                           |                                   |            |            |            |                        |             | 11 FOOTHAME                    | OIV       | viideai              |          |                    |            |                                       |
| 12.Location  | Unit Ltr           | Se           | ection       | Towns                             | ship                      | Range                             | Lot        |            |            | Feet from t            | he          | N/S Line                       | Fee       | t from               | the      | E/W I              | ine        | County                                |
| Surface:   | -                  |              |              |                                   |                           |                                   |            |            | $\perp$    |                        |             |                                |           |                      |          |                    |            |                                       |
| BH:  |                    |              |              | <u> </u>                          |                           | <u></u>                           |            | 1.         | ╝          |                        |             |                                | <u> </u>  |                      |          |                    |            |                                       |
| 13 Date Spudded                                      | i   14 Da          | te T D       | Reached      |                                   | Date Rig<br><b>9/2010</b> | Released                          |            | 1          | 6          | Date Compl             | eted        | (Ready to Pro                  | duce)     |                      |          | Elevat<br>Γ, GR, e |            | and RKB,                              |
| 18 Total Measur                                      | ed Depth o         | f Well       |              | 19 F                              | Plug Bac                  | k Measured Dep                    | oth        | 2          | 20         | Was Direct             | iona        | l Survey Made                  | ?         | 21                   |          |                    |            | her Logs Run                          |
| 22 Producing Int                                     | erval(s), o        | f this co    | ompletion -  | Top, Bot                          | ttom, Na                  | ame                               |            |            |            |                        |             |                                |           |                      |          |                    |            |                                       |
| 23   |                    |              |              |                                   | CAS                       | ING REC                           | ORI        | ) (Re      | no         | ort all str            | ring        | es set in w                    | ell)      |                      |          |                    |            |                                       |
| CASING SI  | ZE                 | WE           | EIGHT LB     |                                   |                           | DEPTH SET                         |            |            |            | LE SIZE                |             | CEMENTIN                       |           |                      | 5        | AN                 | MOUNT      | PULLED                                |
|  |                    | _            |              |                                   |                           |                                   | _          |            |            |                        |             |                                |           |                      | _        |                    |            |                                       |
|  |                    |              |              |                                   |                           |                                   |            |            |            |                        |             |                                |           |                      | +        |                    |            | · · · · · · · · · · · · · · · · · · · |
|  |                    |              |              |                                   |                           |                                   |            |            |            |                        |             |                                |           |                      | $\dashv$ |                    |            |                                       |
|  |                    |              |              |                                   |                           |                                   |            |            |            |                        |             |                                |           |                      |          |                    |            |                                       |
| SIZE   | ТОР                |              | BC.          | LINER RECORD OTTOM   SACKS CEMENT |                           |                                   | SCREEN SIZ |            |            |                        | ING R       |                                |           | DACK                 | ED CET   |                    |            |                                       |
| SIEC   | 101                |              | 100          | TIOM                              |                           | SACKS CEM                         | LIVI       | SCRE       | LI         |                        | 312         | .ZL                            |           | DEPTH SET PACKER SET |          |                    |            |                                       |
|  |                    |              |              |                                   |                           |                                   |            |            |            |                        |             |                                |           |                      |          | ,                  |            |                                       |
| 26 Perforation                                       | record (in         | terval, s    | size, and ni | ımber)                            |                           |                                   |            |            |            | D, SHOT,<br>NTERVAL    |             | ACTURE, CE                     |           |                      |          |                    |            |                                       |
|  |                    |              |              |                                   |                           |                                   |            | DEFI       | וחו        | NIEKVAL                |             | AMOUNT A                       | MD        | KIND                 | WA       | EKIAL              | USED       |                                       |
|  |                    |              |              |                                   |                           |                                   |            |            |            |                        |             |                                |           |                      |          |                    |            |                                       |
|  |                    |              |              |                                   |                           | _                                 |            | L          |            |                        |             |                                |           |                      |          |                    |            |                                       |
| 28   |                    |              | [ n1         | 4 N 4 - A                         | L. A /FL                  |                                   |            |            |            | TION                   | `           | I W. II Co                     | <b>/D</b> | ,                    | 71 .     | 1                  |            |                                       |
| Date First Produc                                    | cuon               |              | Produc       | tion Met                          | noa ( <i>Fio</i>          | owing, gas lift, pi               | umpinį     | g - Size i | ana        | і туре ритр)           | ,           | Well Status                    | s (Pro    | oa or s              | nut-i    | in)                |            |                                       |
| Date of Test   | Hours              | Tested       | CI           | ioke Size                         |                           | Prod'n For<br>Test Period         |            | Oıl - B    | Bbl        |                        | Gas         | s - MCF                        | V         | Vater -              | ВЫ       |                    | Gas - C    | Oil Ratio                             |
| Flow Tubing<br>Press                                 | Casing             | Pressu       |              | lculated 2<br>our Rate            | 24-                       | Oıl - Bbl                         |            | Ga         | as -       | MCF                    |             | Water - Bbl                    | !         | Oil                  | Grav     | vity - Al          | PI - (Cor. | r)                                    |
| 29 Disposition o                                     | f Gas <i>(Sold</i> | l, used j    | for fuel, ve | ited, etc)                        | )                         | L                                 |            | <u> </u>   |            |                        |             |                                | 30        | Test W               | itnes    | ssed By            |            |                                       |
| 31 List Attachme                                     | ents               |              |              |                                   |                           |                                   |            |            |            |                        |             |                                | <u> </u>  |                      |          |                    |            |                                       |
| 32 If a temporary                                    | pit was u          | sed at th    | he well, att | ach a plat                        | with th                   | e location of the                 | tempo      | rary pit   |            |                        |             |                                |           |                      | -        |                    |            |                                       |
| 33 If an on-site b                                   | ourial was         | used at      | the well, re | port the e                        | xact loc                  | ation of the on-s                 | site bu    | rial       |            |                        |             | ,                              |           |                      |          |                    |            |                                       |
| I hereby certij                                      | fy that th         | La<br>e info | ormation     | 48258°N<br>shown c                | Loi                       | ngitude 107.961<br>isides of this | 681°W      | NAD        | e a        | ]1927 ⊠19<br>and compl | 983<br>lete | to the best o                  | of m      | knov                 | vled     | lge and            | d beliet   | <u> </u>                              |
| Signature  | <i>y</i>           |              |              |                                   | Prir                      |                                   |            |            |            | e: Regula              |             |                                |           | e: 4/5               |          |                    | 3          |                                       |
| E-mail Addres  | ss Jamie           | L.Go         | oodwin@      | conoco                            | phillip                   | s.com                             |            |            |            |                        |             |                                |           |                      |          |                    |            |                                       |

# ConocoPhillips

| Pit Closure Form:                                       |  |
|---|--|
| Date: 2/18/11   |  |
| Well Name: Mar Vista SWD 1                              | <u>.                                    </u> |
| Footages:   | Unit Letter:                                 |
| Section: 2, T-29N, R//W, County: <u>S</u>               | on Jaan State: No                            |
| Contractor Closing Pit:                                 |  |
| Construction Inspector: SMG(+5504) Inspector Signature: | Date: <sup>2</sup> /18///                    |
| Revised 11/4/10<br>Office Use Only:                     |  |
| Subtask<br>SSM  |  |

### Goodwin, Jamie L

From:

Payne, Wendy F

Sent:

Monday, February 14, 2011 11 46 AM

To:

(Brandon Powell@state nm us), GRP SJBU Regulatory, 'tevans48@msn com',

(bko@digii net); (davidblakley@alltel blackberry.com); Mark Kelly, Robert Switzer; Sherrie Landon, Bassing, Kendal R, Berenz (mxberenz@yahoo com), Elmer Perry, Faver Norman, Fred Martinez, Jared Chavez, Lowe, Terry, Payne, Wendy F, Spearman, Bobby E, 'Steve McGlasson', Tally, Ethel, Becker, Joey W, Bowker, Terry D, Gordon Chenault, GRP SJBU Production Leads, Hockett, Christy R, Johnson, Kirk L, Bassing, Kendal R, Kennedy, Jim R, Lopez, Richard A, O'Nan, Mike J, Peace, James T, Pierce, Richard M, Poulson, Mark E; Smith, Randall O, Spearman, Bobby E, Stamets, Steve A; Thacker, LARRY, Work, Jim A, Corey Alfandre, 'isaiah@crossfire-llc com', Jerid Cabot (jerid@crossfire-llc com), Blair, Maxwell O; Blakley, Mac, Clark, Joni E, Farrell, Juanita R, Gillette, Steven L (PAC); Greer, David A; Hines, Derek J, Maxwell, Mary Alice; McWilliams, Peggy L, Seabolt, Elmo F;

Stallsmith, Mark R

Cc:

'acedragline@yahoo.com'

Subject:

Reclamation Notice Mar Vista SWD 1

Importance:

High

**Attachments:** 

MAR VISTA SWD 1 pdf

ACE Services will move a tractor to the **Mar Vista SWD 1** on Wednesday, February 16, 2011 to start the reclamation process Please contact Steve McGlasson (330-4183) if you have any questions or need further assistance



MAR VISTA SWD 1.pdf (36 KB)

Burlington Resources Well - Network # 10283609 - Activity code D250 (reclamation) & D260 (pit closure) PO: Kaitlw
San Juan County, NM

## Mar Vista SWD 1 - State surface/State minerals

Twin n/a
290' FSL, 2490' FWL
Sec 2, T29N, R11W
Unit letter ' N '
Lease # B 1-664-84
Latitude 36° 44' 54" N (NAD 83)
Longitude 107° 57' 40" W (NAD 83)
Elevation 5692'
Total Acres Disturbed 3.45 acres
Access Road 611 67'
API # 30-045-35126

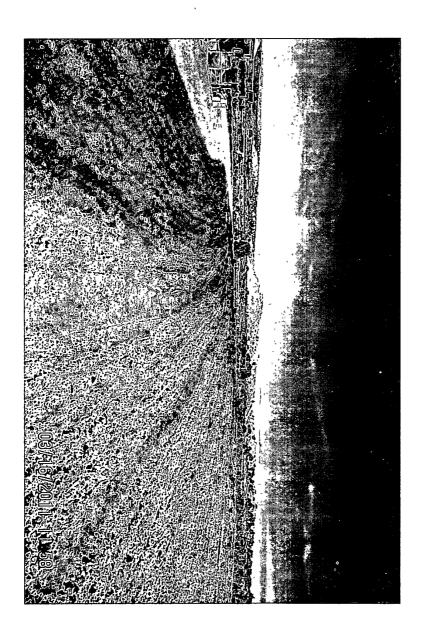
Wendy Payne
ConocoPhillips-SJBU
505-326-9533
Wendy.F.Payne@conocophillips.com

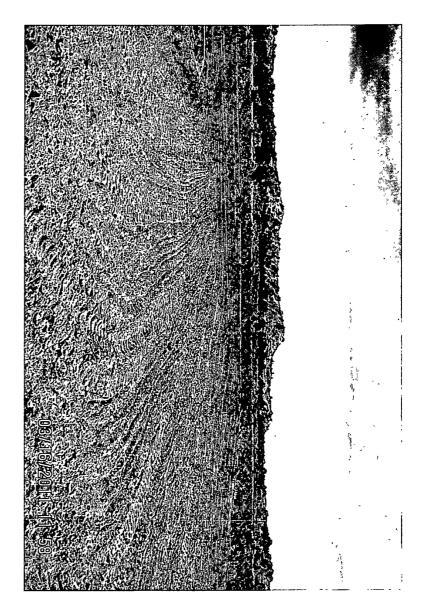
# ConocoPhillips

| Reclamation Form:   |
|---|
| Date: 3/16/11   |
| Well Name: Mar Vista SWD 1  |
| Footages: 290 FSL 2490 FWL Unit Letter: V   |
| Section: Z, T- <u>Z9</u> -N, R- <u>//</u> -W, County: San Juan State: <u>W</u>  |
| Reclamation Contractor:   |
| Reclamation Date: $\frac{3/9/1}{1}$   |
| Road Completion Date: $\frac{3/9}{1}$   |
| Seeding Date: $\frac{3/11/11}{}$  |
| **PIT MARKER STATUS (When Required): Picture of Marker set needed  MARKER PLACED: 3/0/11 (DATE)  LATATUDE: 36° 44.908'  LONGITUDE: 107° 57.697' |
| Pit Manifold removed 3/1/1/ (DATE)  |
|   |
| Construction Inspector: Steve McGlesson Date: 3/16/11 Inspector Signature:  |



# BURLINGTON RESCURCES MAR VISTA SWD #1 LATITUDE 36° 44° 54° N (NAD 83) LONGTUDE 107° 57° 40° W (NAD 83) UNIT N SEC 2 T29N R11W 290° FSL 2490° FWL API # 30-045-35126 LEASE# B-1-664-84 ELEV. 5692° SAN JUAN COUNTY, NEW MEXICO EMERGENCY CONTACT: 1-505 20 15770





|             | WELL NAME: MAR VISTA SWD #1   | OPEN P                | IT INSPE  | CTION   | FORM                               |                                    |                                    | Con                                | ocoPh                              | illips                             |
|-------------|---|-----------------------|---|---|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
|             | INSPECTOR DATE *Please request for pit extention after 26 weeks PIT STATUS                        |                       | Jon Berenz 09/08/10 Week 2 Drilled Completed Clean-Up | Jon Berenz 09/15/10 Week 3 Drilled Completed Clean-Up | Week 4  Drilled Completed Clean-Up | Week 5  Drilled Completed Clean-Up | Week 6  Drilled Completed Clean-Up | Week 7  Drilled Completed Clean-Up | Week 8  Drilled Completed Clean-Up | Week 9  Drilled Completed Clean-Up |
| ATION       | Is the location marked with the proper flagging?<br>(Const. Zone, poles, pipelines, etc.)         | ☑ Yes ☐ No            | ☑ Yes ☐ No  | ✓ Yes ☐ No  | Yes No                             | ☐ Yes ☐ No                         | ☐ Yes ☐ No                         | ☐ Yes ☐ No                         | ☐ Yes ☐ No                         | ☐ Yes ☐ No                         |
| /201        | ls 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?<br>(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                             |
| OMPLIANCE   | 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                         |
| 8           | 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                         |
| ENVIRONMENT | 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                         |
| EN S        | 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            | ✓ Yes ☐ No  | ☑ Yes ☐ No  | ☐ Yes ☐ No                         | ☐ Yes ☐ No                         | Yes No                             | Yes No                             | ☐ Yes ☐ No                         | Yes No                             |
| ပ္ပ         | 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  | No diversion<br>ditch | t .   | No diversion<br>ditch                                 |                                    |                                    |                                    |                                    |                                    |                                    |

|               | WELL NAME:  |  |                                |                            |                            |                            |                            |                                  |                                  |                                |
|---------------|---|--|--------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------------|----------------------------------|--------------------------------|
|               | Marvista S.W.D#1  |  |                                |                            |                            |                            |                            |                                  |                                  |                                |
| ļ             | INSPECTOR<br>DATE   | <del></del>                            |                                |                            | <del> </del> -             | <del> </del>               | E, Perry<br>02/04/11       | E. Perry<br>02/11/11             | E. Perry<br>02/18/11             |                                |
| :             | *Please request for pit extention after 26 weeks  | Week 10                                | Week 11                        | Week 12                    | Week 13                    | Week 14                    | Week 15                    | Week 16                          | Week 17                          | Week 18                        |
|               | PIT STATUS  | ☐ Drilled<br>☐ Completed<br>☐ Clean-Up | ☐ Drilled☐ Completed☐ Clean-Up | Drilled Completed Clean-Up | Drilled Completed Clean-Up | Drilled Completed Clean-Up | Drilled Completed Clean-Up | ✓ Drilled ✓ Completed ☐ Clean-Up | ✓ Drilled ✓ Completed ✓ Clean-Up | ☐ Drilled☐ Completed☐ Clean-Up |
| CATION        | ls the location marked with the proper flagging?<br>(Const. Zone, poles, pipelines, etc.)         | ☐ Yes ☐ No                             | Yes No                         | ☐ Yes ☐ No                 | ☐ Yes ☐ No                 | Yes No                     | ☑ Yes ☐ No                 | ☑ Yes ☐ No                       | ☐ Yes ☐ No                       | ☐ Yes ☐ No                     |
| 10C/          | 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                     |
|               | ls the access road in good driving condition?<br>(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                     |
|               | ls 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                     |
| OMPLIANCE     | 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                     |
| COMF          | 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                     |
| MIAL          | 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                     |
| NWE           | 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                     |
| "             | 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 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                     |
| ٥٥            | 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  |  |                                |                            |                            |                            | Fence Loose                | Fence Loose                      | Pit Closed                       |                                |

:

|   | WELL NAME: Marvista S.W.D#1   | OPEN PIT INSPECTION FORM |                            |                            |                            |                            |                            | ConocoPhillips             |                            |                            |
|---|---|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|   | INSPECTOR   |                          |                            |                            |                            |                            |                            |                            |                            |                            |
| DATE *Please request for pit extention after 26 weeks |   | 01/12/11<br>Week 1       | Week 2                     | Week 3                     | Week 4                     | Week 5                     | Week 6                     | Week 7                     | Week 8                     | Week 9                     |
| PIT STATUS  |   | ☐ Completed☐ Clean-Up    | Drilled Completed Clean-Up | Drilled Completed Clean-Up | Drilled Completed Clean-Up | Drilled Completed Clean-Up | Drilled Completed Clean-Up | Drilled Completed Clean-Up | Drilled Completed Clean-Up | Drilled Completed Clean-Up |
| LOCATION  | ls the location marked with the proper flagging?<br>(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?                              | ✓ Yes ☐ No               | Yes No                     | Yes No                     | ☐ Yes ☐ No                 | ☐ Yes ☐ No                 | ☐ Yes ☐ No                 | Yes No                     | Yes No                     | ☐ Yes ☐ No                 |
| ENVIRONMENTAL COMPLIANCE                              | Is the access road in good driving condition?<br>(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                 |
|   | 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                 |
|   | 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                 |
|   | 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                     |
|   | 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                     |
|   | 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<br>natural drainage?                              | 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                 |
| ၁၀  | 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  |                          |                            |                            |                            |                            |                            |                            |                            |                            |