

WBDU 1829-152K
API # 30-021-20548

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): Danny J. Holcomb Title: Facilities Team Leader

Signature: [Signature] Date: 2/29/12

e-mail address: dholcomb@hess.com Telephone: 575-673-6700 X5001

20. **OCD Approval:** ☒ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: [Signature] Approval Date: 2/29/2012

Title: DISTRICT SUPERVISOR OCD Permit Number: _____

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

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

☒ Closure Completion Date: 9/10/2012

22. **Closure Method:**

☐ Waste Excavation and Removal ☒ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)
☐ If different from approved plan, please explain: _____

23. **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. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

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

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

- ☐ Site Reclamation (Photo Documentation)
☐ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique

24. **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.

- ☒ Proof of Closure Notice (surface owner and division)
☐ Proof of Deed Notice (required for on-site closure) N/A
☒ Plot Plan (for on-site closures and temporary pits)
☒ Confirmation Sampling Analytical Results (if applicable)
☒ Waste Material Sampling Analytical Results (required for on-site closure)
☐ Disposal Facility Name and Permit Number N/A
☐ Soil Backfilling and Cover Installation per original C-144
☒ Re-vegetation Application Rates and Seeding Technique per original C-144
☐ Site Reclamation (Photo Documentation)
On-site Closure Location: Latitude N 35° 47.224' Longitude W 103° 51.024' NAD: ☐ 1927 ☒ 1983

25. **Operator Closure Certification:**

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

Name (Print): Danny Holcomb Title: Operations Team Lead

Signature: [Signature] Date: 9-13-2012

e-mail address: dholcomb@hess.com Telephone: 575-673-6700 X5001

Holcomb, Danny

From: Holcomb, Danny
Sent: Tuesday, August 28, 2012 4:31 PM
To: Mary Byrd (mkbyrd@plateautel.net)
Subject: Drilling Pit Closure - 1829-152K

Landowner Closure Notice

Mary,

Per my email below, we plan to close the pit at 1829-152K (first well south of Hwy 39), during the next 2 weeks. We will close this pit in compliance with the state issued pit permit using the onsite deep bury method discussed below. If you have any questions, please let me know.

Thanks,

Danny Holcomb

Hess Corporation - West Bravo Dome

Office - 575-673-6700 ext 5001

Cell - 575-650-0316

From: Holcomb, Danny
Sent: Saturday, February 25, 2012 10:16 AM
To: Mary Byrd (mkbyrd@plateautel.net)
Subject: Hess Drilling Pit Plans

Mary,

Concerning the following WBDU wells:

1829-152K

1829-221F

1829-081J

1829-042O

As we did in our 2010 drilling project, Hess will be building a 100' x 100' x 5' deep temporary drilling pit on each mesa well location this year. These pits will be permitted with the State to meet their stringent pit requirements. The pit will be lined with 20 mil string reinforced plastic and fenced with a 4 strand barbed wire fence from opening to closing. Also as we did in 2010, our plans would be to bury the contents of the drilling pits onsite assuming the content tests meet State permitting levels. The contents of each pit will be sampled and sent to a lab for analysis. If contents contain low levels of chlorides, etc (which we expect them to do), the State will allow us to bury the contents on site using a deep trench burial method as we have done in the past. Basically, a deep trench would be dug adjacent to the reserve pit, the trench would be lined with 20 mil plastic and the reserve pit contents (including the original liner) would be moved into the lined trench. The plastic in the trench would then be wrapped up like a burrito and covered with at least 4 feet of soil. This method insures that the pit contents are fully encapsulated to protect any ground water and that no plastic liner will protrude out of the ground in future years. If the pit contents contain high chlorides, etc, then they will be hauled off to a permitted disposal site near Hobbs. Finally the pit area will be reseeded with native grasses.

We plan to close these pits as soon as the drilling cuttings are dried and tested. After the well is completed, we will be vacuuming the water off the top of these pits to accelerate the drying time.

I wanted to advise you of how we plan to manage these drilling cuttings this year and be sure you approve of this plan. Please advise. If you have any questions, please let me know.

Thanks,

Danny Holcomb

Hess Corporation - West Bravo Dome

Office - 575-673-6700 ext 5001

Cell - 575-650-0316

Holcomb, Danny

From: Martin, Ed, EMNRD <ed.martin@state.nm.us>
Sent: Tuesday, August 28, 2012 8:27 AM
To: Holcomb, Danny
Cc: Cordle, Daniel; Gutierrez, Navor; Vigil, Ray; Smith, Rita; Omole, Oluwole
Subject: RE: Pit Content Lab Results - WBDU 1829-152K

OK to close with 4:1 mixing.

Ed Martin
New Mexico Oil Conservation Division
Supervisor, District 4
1220 S. St. Francis
Santa Fe, NM 87505
Office: 505-476-3470
Cell: 505-690-2365
Fax: 505-476-3462

NMOLD Closure Notice

From: Holcomb, Danny [mailto:dholcomb@hess.com]
Sent: Tuesday, August 28, 2012 8:11 AM
To: Martin, Ed, EMNRD
Cc: Cordle, Daniel; Gutierrez, Navor; Vigil, Ray; Smith, Rita; Omole, Oluwole
Subject: Pit Content Lab Results - WBDU 1829-152K

Ed,
Attached are the lab results on the pit contents at WBDU 1829-152K. All results, except chlorides, meet the minimum levels identified in the pit permit. Chloride level is 17,200 mg/kg. We propose to bury these contents in place per our permit by mixing 4:1 with clean soil before deep bury. With your approval, we would like to close this pit beginning the week of Sept 3. Please advise.

Thanks,
Danny Holcomb
Hess Corporation - West Bravo Dome
Office - 575-673-6700 ext 5001
Cell - 575-650-0316

From: Celey Keene [mailto:celey.keene@cardinallabsnm.com]
Sent: Tuesday, July 31, 2012 5:30 PM
To: Holcomb, Danny
Subject: WBD 1829-152K

THANK YOU,

Celey Keene
Lab Director
Cardinal Laboratories
101 East Marland
Hobbs, NM 88240
T: (575) 393-2326
F: (575) 393-2476
e-mail: celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Hess Corporation
DANNY HOLCOMB
P.O. Box 1570
Seminole TX, 79360
Fax To: (432) 758-6715

Received: 08/21/2012
Reported: 08/27/2012
Project Name: WEST BRAVO DOME
Project Number: WBD
Project Location: WBD

Sampling Date: 08/20/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: 1829 - 152 K (H201969-01)**BTEX 8021B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2012	ND	1.92	96.0	2.00	0.190	
Toluene*	<0.050	0.050	08/23/2012	ND	1.96	98.2	2.00	1.16	
Ethylbenzene*	<0.050	0.050	08/23/2012	ND	1.99	99.4	2.00	1.76	
Total Xylenes*	<0.150	0.150	08/23/2012	ND	6.45	107	6.00	2.18	

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 89.4-126**Chloride, SM4500Cl-B****mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	25200	16.0	08/23/2012	ND	400	100	400	4.08	

TPH 418.1**mg/kg****Analyzed By: AM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	482	100	08/27/2012	ND	2890	116	2500	0.173	

TPH 8015M**mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/23/2012	ND	200	100	200	4.43	
DRO >C10-C28	23.0	10.0	08/23/2012	ND	198	99.0	200	4.04	

Surrogate: 1-Chlorooctane 69.1 % 65.2-140*Surrogate: 1-Chlorooctadecane* 85.5 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

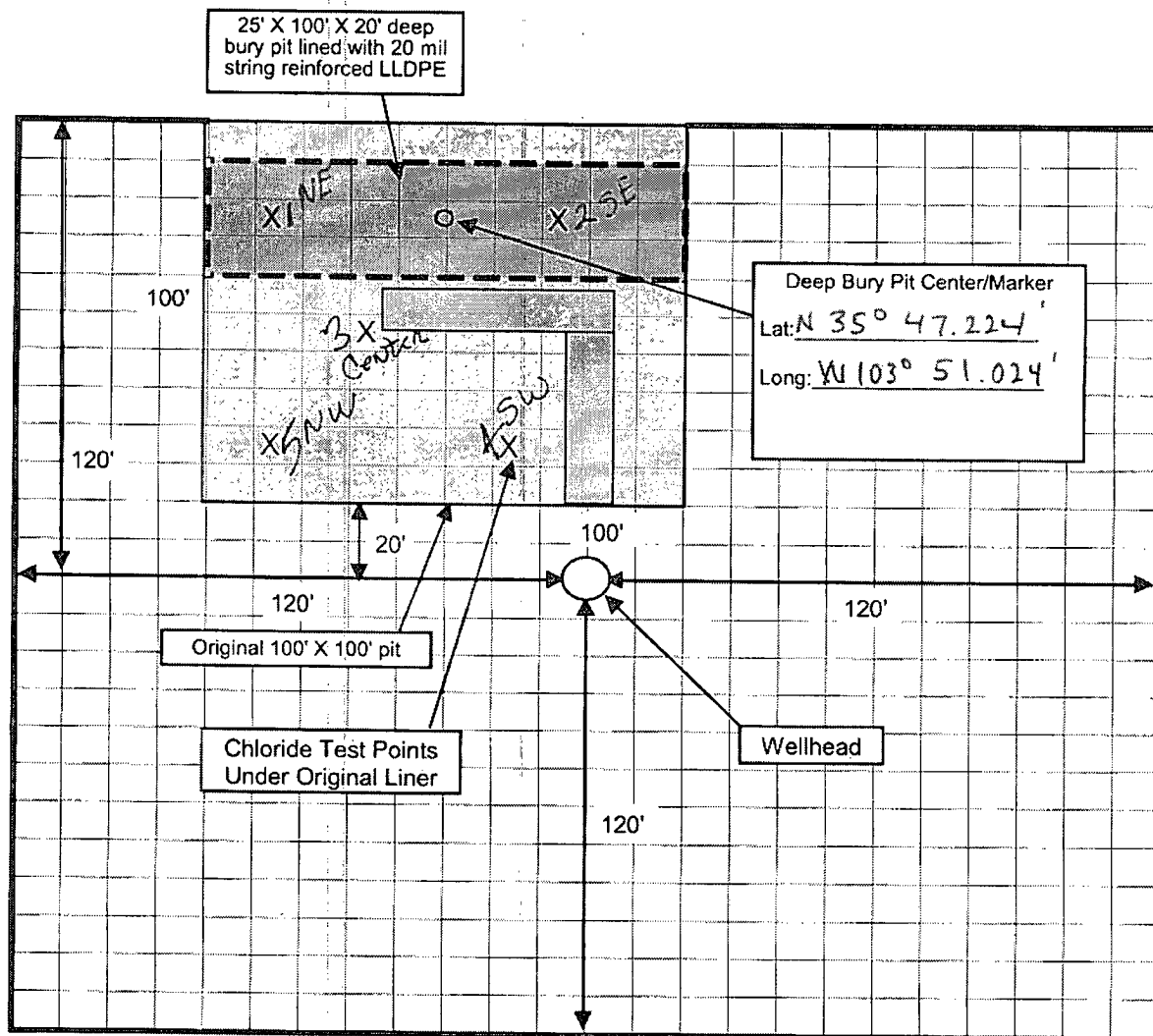
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

West Bravo Dome

2012 Drilling Project Location Diagram

Start 9-5-2012 Mesa Locations Completed 9-10-12



Location size - 240' X 240'
1829 - 152 K

Chloride Test Results:

NW	0.005	28
NE	0.006	34
SE	0.005	28
SW	0.009	53
Center	0.010	60

% NaCl Cl⁻
ppm (mg/L)

