District I 1625 N French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S St Francis Dr., Santa Fe, NM 87505

1.

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

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For temporary pits, closed-loop systems, and below-grade 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

ORSO <u>Pit, Closed-Loop System, Below-Grade Tank, or</u> <u>Proposed Alternative Method Permit or Closure Plan Ap</u>	<u>plication</u>
Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed Closure of a pit, closed-loop system, below-grade tank, or propose Modification to an existing permit Closure plan only submitted for an existing permitted or <u>non-perm</u> below-grade tank, or proposed alternative method	d alternative method
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-g	rade tank or alternative request
Please be advised that approval of this request does not relieve the operator of hability should operations result in pollution o environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental approximation of the responsibility of the second	of surface water, ground water or the authority's rules, regulations or ordinances
1. Operator. <u>HALLADOR PETROLEUM LLP</u> OGRID # <u>12672</u>	RCVDDEC 15 '08
Address 1660 LINCOLN ST., SUITE 2700, DENVER, CO 80264	JIL CONS. DIV.
Facility or well name. HORTON 2C	
API Number 30-045-31435 OCD Permit Number	
U/L or Qtr/Qtr 1 Section 22 Township 32 N Range 11 W County SAN JUAN	
Center of Proposed Design: Latitude 36.96812° N Longitude 107.97023° W NAD: 1927 X 1983	
Surface Owner 🔲 Federal 🛄 State 🖾 Private 🛄 Tribal Trust or Indian Allotment	
Pit:       Subsection F or G of 19 15.17 11 NMAC         Temporary:       Drilling       Workover         Permanent       Emergency       Cavitation       P&A         Lined       Unlined       Liner type:       Thickness mil       LLDPE       HDPE       PVC       Other         String-Reinforced	rior approval of a permit or notice of
<ul> <li>Below-grade tank: Subsection 1 of 19 15 17 11 NMAC</li> <li>Volume: 95 bbl Type of fluid produced water</li> </ul>	
Tank Construction material single wall steel	
Secondary containment with leak detection 🗋 Visible sidewalls, hner, 6-inch lift and automatic overflow shut-	off
□ Visible sidewalls and liner ⊠ Visible sidewalls only □ Other	
Liner type Thicknessmil	
s           Alternative Method:           Submittal of an exception request is required - Exceptions must be submitted to the Santa Fe Environmental Bureau or	office for consideration of approval
Lorm Callel Oil-Conservation Disparation	

Fencing: Subsection D of 19 15 17 11 NMAC (Applies to permanent pits, 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)

D Four foot height, four strands of barbed wire evenly spaced between one and four feet

Alternate Please specify <u>48" high (= 36" hog wire + rebar top)</u>

Netting: Subsection E of 19 15.17 11 NMAC (Applies to permanent pits and permanent open top tanks)

#### Screen Netting Other expanded metal

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

#### Signs: Subsection C of 19.15.17 11 NMAC

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🛛 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

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 or the Santa Fe Environmental Bureau office for consideration of approval

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

Siting Criteria (regarding permitting): 19 15.17 10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. 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 Engineer - iWATERS database search, USGS; Data obtained from nearby wells	Yes 🛛 No				
<ul> <li>Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)</li> <li>Topographic map, Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🖾 No				
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks)</li> <li>Visual inspection (certification) of the proposed site, Aerial photo, Satellite image</li> </ul>	☐ Yes ⊠ No ☐ NA				
<ul> <li>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application (<i>Applies to permanent pits</i>)</li> <li>Visual inspection (certification) of the proposed site, Aerial photo, Satellite image</li> </ul>	☐ Yes ⊠ No ☐ NA				
Within 500 horizontal 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 - NM Office of the State Engineer - tWATERS database search; Visual inspection (certification) of the proposed site	🔲 Yes 🖾 No				
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality, Written approval obtained from the municipality	🗋 Yes 🖾 No				
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map, Visual inspection (certification) of the proposed site	🗆 Yes 🛛 No				
Within the area overlying a subsurface mineWritten confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	🗆 Yes 🖄 No				
<ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design, NM Bureau of Geology &amp; Mineral Resources, USGS, NM Geological Society, Topographic map</li> </ul>	🗌 Yes 🖾 No				
Within a 100-year floodplain - FEMA map	🗌 Yes 🛛 No				

11 <u>Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist</u> : 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. Mydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19 15.17.9 NMAC
<ul> <li>Hydrogeologic Report (Below-grade Fanks) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC</li> <li>Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC</li> </ul>
<ul> <li>Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC</li> <li>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</li> </ul>
Previously Approved Design (attach copy of design) API Number or Permit Number
12. <u>Closed-loop Systems Permit Application Attachment Checklist</u> : 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 Number.
Previously Approved Operating and Maintenance Plan API Number (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
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 (1) of Subsection B of 19.15.17 9 NMAC         Situng 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         Quality Control/Quality Assurance Construction and Installation Plan         Operating and Maintenance Plan - based upon the appropriate requirements of 19 15.17 11 NMAC         Husiance or Hazardous Odors, including H <sub>2</sub> S, Prevention Plan         Emergency Response Plan         Oil Field Waste Stream Characterization         Monitoring and Inspection Plan         Erosion Control Plan         Erosion Control Plan         Closure Plan - based upon the appropriate requirements of 19 15.17 13 NMAC
<u>Proposed Closure</u> : 19 15.17 13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
Type <sup>•</sup> Dulling Workover Emergency Cavitation P&A Permanent Pit Below-grade Fank Closed-loop System Alternative Proposed Closure Method <sup>•</sup> Waste Excavation and Removal
<ul> <li>Waste Removal (Closed-loop systems only)</li> <li>On-site Closure Method (Only for temporary pits and closed-loop systems)</li> </ul>
In-place Burial On-site Trench Burial Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
<ul> <li><sup>15</sup> 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.</li> <li>Protocols and Procedures - based upon the appropriate requirements of 19.15 17.13 NMAC</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)</li> <li>Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15 17 13 NMAC</li> <li>Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC</li> <li>Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC</li> </ul>

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16. <u>Waste Removal Closure For Closed-loop Systems That Utilize Above Ground</u> Instructions: Please indentify the facility or facilities for the disposal of liquids, a facilities are required.					
Disposal Facility Name	Disposal Facility Permit Number				
	Disposal Facility Permit Number				
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that <i>will not</i> be used for future service and operations? Yes (If yes, please provide the information below) No					
Re juired for impacted areas which will not be used for future service and operations Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection II 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					
<sup>17.</sup> <u>Siting Criteria (regarding on-site closure methods only)</u> : 19 15 17 10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the provided below. Requests regarding changes to certain siting criteria may requir considered an exception which must be submitted to the Santa Fe Environmental demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC f	e administrative approval from the appropriate dist Bureau office for consideration of approval. Just	rict office or may be			
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS, Data	obtained from nearby wells	□ Yes □ No □ NA			
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search, USGS; Data	obtained from nearby wells	□ Yes □ No □ NA			
Ground water is more than 100 fect below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search, USGS, Data	obtained from nearby wells	□ Yes □ No □ NA			
<ul> <li>Within 300 feet of a continuously flowing watercourse, or 200 feet of any other sign lake (measured from the ordinary high-water mark).</li> <li>Topographic map, Visual inspection (certification) of the proposed site</li> </ul>	ificant watercourse or lakebed, sinkhole, or playa	🗋 Yes 🗍 No			
Within 300 feet from a permanent residence, school, hospital, institution, or church - Visual inspection (certification) of the proposed site, Aerial photo, Satellite		🗋 Yes 🗌 No			
Within 500 horizontal feet of a private, domestic fresh water well or spring that less watering purposes, or within 1000 horizontal feet of any other fresh water well or sp - NM Office of the State Engineer - iWATERS database; Visual inspection (c	ring, in existence at the time of initial application.	🗌 Yes 🗍 No			
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. - Written confirmation or verification from the municipality, Written approval obtained from the municipality					
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map, Topographic map, Visual	inspection (certification) of the proposed site	🗆 Yes 🗌 No			
<ul> <li>Within the area overlying a subsurface mine.</li> <li>Written confirmation or verification or map from the NM EMNRD-Mining a</li> </ul>	and Maneral Division	🗌 Yes 🗌 No			
<ul> <li>Within an unstable area</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology Society; Topographic map</li> </ul>	& Mineral Resources, USGS, NM Geological	🗋 Yes 🗌 No			
Within a 100-year floodplain - FEMA map		Yes No			
<ul> <li>18</li> <li>On-Site Closure Plan Checklist: (19 15 17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC</li> <li>Proof of Surface Owner Notice - based upon the appropriate requirements of 19 15 17 13 NMAC</li> <li>Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19 15 17 11 NMAC</li> <li>Construction/Design Plan of Temporary Pit (for m-place burial of a drying pad) - based upon the appropriate requirements of 19 15 17 13 NMAC</li> <li>Protocols and Procedures - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)</li> <li>Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC</li> </ul>					

Soft Cover Design - based upon the appropriate requirements of Subsection 1 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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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) BRIAN WOOD Title CONSULTANT			
Signature Date 12-9-08			
e-mail address brian@permitswest.com Telephone (505) 466-8120			
20         OCD Approval:       Permit Application (including closure pland Closure Plan (only)       OCD Conditions (see attachment)         OCD Representative Signature:       DNA       Approval Closure Plan (only)       Approval Date:       40512017-         Title:       COM       COM       COM       COM       COM       Closure Plan (only)       COM       COM			
21. <u>Closure Report (required within 60 days of closure completion)</u> : 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:			
22 Closure Method: UNIX 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. <u>Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only</u> : Instructions: Please indentify 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 <i>will not</i> 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)         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         Soil Backfilling and Cover Installation         Re-vegetation Application Rates and Seeding Technique         Site Reclamation (Photo Documentation)         On-site Closure Location: Latitude			
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): Fitle:			
Signature Date			
-mail address Telephone			

# Current Situation

There is a Pesco 95 barrel single wall steel tank. Walls are visible. Tank is surrounded by hog wire fence topped with re-bar. There is no secondary containment. The tank has an expanded metal top. After removal of the existing tank, water will be piped to a planned below grade tank. Application for it will be made once the design is finalized.

## <u>Time Line</u>

Will close after approval of this application and before June 16, 2013. Will close earlier if OCD determines there is an imminent danger to fresh water, public health, or the environment.

## Siting Criteria

1. Depth to ground water is >100'. Closest reported water depth is the Decker water well which is  $\approx$ 1 mile northeast in Section 23. Office of the State Engineer records are attached as Exhibit A.

 $\approx$ 6,243' Decker water well ground elevation6,350' gas well elevation-50' depth to water-4' depth to bottom of tank $\approx$ 6,193' water level elevation6,346' tank bottom elevation

6,346' tank bottom elevation <u>- 6,193' water level elevation</u> ≈153' depth to water

2. Tank is not within 300' of a continuously flowing watercourse. Tank is not within 200' of any other significant watercourse as defined by OCD. Closest first order tributary of Cox Canyon is over a mile east (Exhibits B & C).

3. Tank is not within 300' of any building. Closest buildings are more than 1/4 mile distant (Exhibit D).



4. Tank is not within 1,000' of any fresh water well or spring (Exhibits A & B).

5. Tank is not within municipal boundaries or within a municipal fresh water well field (Exhibits A & B).

6. Tank is not within 500' of a wetland (Exhibit E).

7. Tank does not overly a mine (Exhibit F).

8. Tank is not in an unstable area. No evidence of earth movement was found during a November 6, 2008 field inspection.

9. Tank is not within a 100 year flood plain (Exhibit G).

10. C-102 is attached as Exhibit H.

11. Closure notice to the surface owner (McGimsey) is attached as Exhibit I.

## Hydrogeology

Surface formation is the Nacimiento. According to Stone et al in <u>Hydrogeology</u> and water resources of San Juan Basin, New Mexico, the Nacimiento is mainly a mudstone. There are also medium to coarse grained sandstone layers in the Nacimiento. Transmissivities of 100 feet<sup>2</sup> per day can be found in the coarser continuous sandstones. Water in the more extensive sandstones has a specific conductance of 1,500  $\mu$ mhos. Specific conductance is >2,000  $\mu$ mhos in the finer grained sandstones.



## <u>Closure Plan</u>

Surface owner has been notified via certified return receipt requested mail of the proposed closure.

Will verbally notify OCD at least 72 hours and no more than 1 week before closure. Notice to OCD will include operator name, location (quarter-quarter, section, township, & range), well name & number, and API number.

Will pump out any remaining water and haul to Basin Disposal (NM-01-005)

Will haul sludge to J F J Land Farm (NM-01-010).

Will truck waste qualifying under OCD Rule 19.15.9.712 to the San Juan County landfill.

Will remove tank, pipes, and associated equipment and store at company yard for future reuse.

Will test soil under tank to determine if a release has occurred, even if there is no visible contamination. Will collect, at a minimum, a five point composite sample. Will collect individual grab samples from any area that is wet, discolored, or showing other evidence of a release. Will analyze all samples for:

<u>Component</u>	Test Method	<u>Not to Exceed (mg/kg)</u>
benzene	EPA SW-846 8021B or 8260B	0.2
total BTEX	EPA SW-846 8021B or 8260B	50
ТРН	EPA 418.1	100
chlorides	EPA 300.1	250 or background

If the operator or OCD determines that a release has occurred, then the operator will comply with OCD rules 19.15.3.116 NMAC and 19.15.1.19 NMAC,



as appropriate. A major (>25 barrels) release requires immediate verbal notice and timely written notice to OCD. A minor release (more than 5 barrels and less than 25 barrels) requires timely written notice to OCD. Timely is defined as 15 days. Written notice will include Form C-141. OCD may require additional sampling delineation upon its review of the results.

If the sampling program demonstrates that a release has not occurred, or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC (table on preceding page); then the operator will back fill the excavation with compacted waste free earthen material, construct an OCD prescribed soil cover, recontour, and revegetate the site. The soil cover, recontouring and re-vegetation requirements will comply with Subsections G, H and I of 19.15.17.13 NMAC. Specific steps are:

\_\_\_\_ back fill to within 12" of grade

- \_\_\_\_ bring to grade with 12" topsoil or background thickness, whichever is more
- \_\_\_\_ contour to prevent ponding or erosion
- \_\_\_\_ seed first growing season after closure
- \_\_\_\_ seed with at least 3 native species, at least 1 of which must be a grass (recommend grass species only for safety & keep seed bag tag)
- \_\_\_\_ seed mix will exclude noxious weeds
- \_\_\_ cover seed

Will file closure report on Form C-144 within 60 days of closure completion with necessary attachments to document all closure activities including:

- \_\_\_\_ proof of notice to surface owner
- \_\_\_\_ proof of notice to OCD
- \_\_\_\_ plot plan
- \_\_\_\_ chemical sampling analysis results
- \_\_\_\_ disposal facility name and permit number
- \_\_\_\_ back filling & cover details
- \_\_\_\_ seeding rate per species
- \_\_\_\_ how seeded
- \_\_\_ photograph of seeded area



Successful revegetation will be accomplished if:

\_\_\_\_ plant cover equals 70% of adjacent impact free native perennial vegetation (noxious weeds are not counted toward 70% goal)

- \_\_\_\_ 70% goal maintained for 2 consecutive growing seasons without irrigation if unsuccessful, repeat until goals is achieved
- \_\_\_\_ notify OCD when 70% goal has been met for 2 consecutive growing seasons \_\_\_\_ file Form C-144
  - \_\_\_\_ include photograph of revegetated area

Executed this 9th day of December, 2008.

Brian Wood, Consultant Permits West, Inc. 37 Verano Loop, Santa Fe, NM 87508 (505) 466-8120 FAX: (505) 466-9682

Cellular: (505) 699-2276

The operator's representative is: Tim Lovseth Hallador Petroleum LLP 1660 Lincoln St., Suite 2700 Denver, CO 80264 (303) 839-5504, Extension 317



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SJ 00021	32N	11W 23	3				<u>90</u> 585	50	40		
<u>SJ 00017</u>		11W 23	2				105				
SJ 00020		11W 29	3				588				
SJ 00026	32N	11W 33	2				321				

Record Count: 6

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http://lwaters.ose.state nm.us 7001/IWATERS/WellAndSurfaceDispatcher

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# **MMQonline Public Version**









#### State of New Mexico Energy. Minercle & Mining Resources Department OL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

AMENDED REPORT

Form C - 102







December 8, 2008

Linda McGimsey 32 Ranch Road Bayfield, CO 81122

Dear Ms. McGimsey:

As required by NMOCD rule Subsection J of 19.15.17.13 NMAC, I am notifying BLM that Hallador Petroleum LLP plans to close the following below grade tanks on your surface in San Juan County, NM:

<u>Well</u>	API Number	<u>Location</u>
Horton 2B	30-045-30160	SWNE 22-32n-11w
Horton 2C	30-045-31435	NESE 22-32n-11w
Horton 9	30-045-22671	SWNE 22-32n-11w

Please call me if you have any questions.

Sincerely

Brian Wood

GERNEE	Service DAMAIL, FRECEIPT nly NotasuranceCoverage Provided)
THE STREET STREET	
OFF	ICIAL USE
Postage	\$ .32 ONIC -22
Certified Fee	2.70 / 9" s- 1/2 / 2.
Return Receipt Fee (Endorsement Required)	2.20 DEC 0 Sterring
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.32 USPS
Sent To	McGimsuy
Strest, Apt No.; or PO Box No.	
City, State, ZIP+4	
L. CENTRON CONTRACTOR	

EXHIBITI

# Power of Attorney

Know All Men By These Presents:

That I, Victor P. Stabio, Chief Executive Officer and President of Hallador Petroleum Company, with offices at 1660 Lincoln Street, Suite 2700, Denver, Colorado 80264, have made, constituted, and appointed, and by these presents do make, constitute and appoint Brian Wood of Permits West, Inc., whose address is 37 Verano Loop, Santa Fe, New Mexico 87505, my true and lawful attorney, for me, and in my name, place and stead, and to my use to sign any and all forms submitted on behalf of Hallador Petroleum Company to the New Mexico Oil Conservation Division.

This Power of Attorney is execute this 8th day of December, 2008, but shall be effective for all intents and purposes as of June 16, 2008.

Bv:

Viétor P. Stabio Chief Executive Officer and President of Hallador Petroleum Company

Corporate Acknowledgment

STATE OF COLORADO } CITY AND } § COUNTY OF DENVER }

Before me, a Notary Public in and for said County and State, on this 8th day of December, 2008, personally appeared Victor P. Stabio, Chief Executive Officer and President of Hallador Petroleum Corporation, a Colorado corporation, on behalf of said corporation.

Jane Sanders, Notary Public My commission expires: 1660 Lincoln Street, Suite 2700 June 7, 2011 Denver, Colorado 80264

My Commission Expires 06/07/2011