Form C-144 July 21, 2008

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

Alternative Method:

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

For temporary pits, 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

District	Office				
Proposed Alternative Method Permit or Closure Plan A					
Type of action: Permit of a pit, closed-loop system, below-grade tank, or propose 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 non-perbelow-grade tank, or proposed alternative method	sed 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 governments	al authority's rules, regulations or ordinances				
Operator: HALLADOR PETROLEUM LLP OGRID # 12672					
Address 1660 LINCOLN ST., SUITE 2700, DENVER, CO 80264	ROVD DEC 15 108				
Facility or well name: HORTON 3C	cei cors, out				
API Number <u>30-045-31673</u> OCD Permit Number.	DIST. 3				
U/L or Qtr/Qtr C Section 13 Township 32 N Range 12 W County SAN JUAN					
Center of Proposed Design. Latitude 36.99116' N Longitude 108.04938' W NAD: ☐1927 ☐ 1983					
Surface Owner: Federal State Private Tribal Trust or Indian Allotment					
2.					
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					
Liner Seams: Welded Factory Other Volume bbl Dimensions L'x W	/ <u>'</u> x D <u>'</u>				
3.					
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					
☐ Lined ☐ Unfined Liner type: Thicknessmil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other					
Liner Scams					
4. ⊠ Below-grade tank: Subsection 1 of 19.15 17 11 NMAC					
Volume 95 bbl Type of fluid: produced water					
Tank Construction material single wall steel					
☐ 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					

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Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval

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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 institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate Please specify 48" high (= 36" hog wire + rebar top)	, hospital,
n. 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)	
8. Signs: Subsection C of 19.15 17 11 NMAC □ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers □ Signed in compliance with 19.15 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 consideration of approval Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	office for
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 acceptant material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approoffice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dry above-grade tanks associated with a closed-loop system.	priate district pproval.
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
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
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) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo, Satellite image	☐ 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 - iWATERS 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 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	

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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 Fanks) - based upon the requirements of Paragraph (4) of Subsection B of 19 15 17.9 NMAC □ Hydrogeologic Data (Femporary and Fmergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19 15 17.9 NMAC □ 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 12 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 □ Description (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC
Previously Approved Design (attach copy of design) API Number or Permit Number
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 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)
13
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 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 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 II ₂ S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Erosion Control Plan - based upon the appropriate requirements of Subsection C of 19 15.17.9 NMAC and 19.15 17 13 NMAC
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. Dulling 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 Burial ☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
is. Waste Excavation and Removal Closure Plan Checklist: (19 15 17.13 NMAC) Instructions: Each of the following items must be attached to the
Soluble Confirmation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soluble Confirmation Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Ste Instructions: Please indentify the facility or facilities for the disposal of liquids, dril facilities are required.			
Disposal Facility Name Dis	sposal Facility Permit Number		
Disposal Facility Name Dis	sposal Facility Permit Number		
Will any of the proposed closed-loop system operations and associated activities occur ☐ Yes (If yes, please provide the information below) ☐ No	on or in areas that will not be used for future ser	vice and operations?	
Resurred for impacted areas which will not be used for future service and operations. Soil Backfill and Cover Design Specifications based upon the appropriate rec Re-vegetation Plan - based upon the appropriate requirements of Subsection I of Site Reclamation Plan - based upon the appropriate requirements of Subsection	19 15 17 13 NMAC	С	
Siting Criteria (regarding on-site closure methods only): 19 15 17 10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure provided below. Requests regarding changes to certain siting criteria may require acconsidered an exception which must be submitted to the Santa Fe Environmental Budemonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for grant and the santa feet of the san	lministrative approval from the appropriate dist reau 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 ob	tained 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 ob	tained from nearby wells	☐ Yes ☐ No ☐ NA	
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significal lake (measured from the ordinary high-water mark). - Topographic map, Visual inspection (certification) of the proposed site	ant watercourse or lakebed, sinkhole, or playa	☐ Yes ☐ No	
Within 300 feet from a permanent residence, school, hospital, institution, or church in e - Visual inspection (certification) of the proposed site, Aerial photo; Satellite image		☐ Yes ☐ No	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less that watering purposes, or within 1000 horizontal feet of any other fresh water well or spring - NM Office of the State Engineer - iWATERS database, Visual inspection (certification)	g, in existence at the time of initial application	☐ Yes ☐ No	
Within incorporated municipal boundaries or within a defined municipal fresh water we adopted pursuant to NMSA 1978, Section 3-27-3, as amended Written confirmation or verification from the municipality; Written approval of	·	☐ Yes ☐ No	
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site			
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 & Society; Topographic map	Mineral Resources, USGS, NM Geological	☐ Yes ☐ No	
Within a 100-year floodplain. - FEMA map		☐ Yes ☐ No	
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the folioby a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of Subilician Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - Protocols and Procedures - based upon the appropriate requirements of 19.15.17 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subside Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill confirmation Plan - based upon the appropriate requirements of Subsection II of Re-vegetation Plan - based upon the appropriate requirements of Subsection I of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II Site Reclamation Plan - based upon the appropriate requirements of Subsection II of II	nents of 19 15 17 10 NMAC section F of 19 15.17 13 NMAC rate requirements of 19 15.17 11 NMAC based upon the appropriate requirements of 19 1 3 NMAC ments of Subsection F of 19 15.17 13 NMAC ection F of 19 15 17 13 NMAC uttings or in case on-site closure standards canno 19 15 17 13 NMAC 9 15 17 13 NMAC	5 17 11 NMAC	

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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 <u>12-10-08</u>				
e-mail address brian@permitswest.com [clephone (505) 466-8120				
OCD Approval: Permit Application (including coordinate) OCD Representative Signature: OCD Representative Signature: 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:				
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 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 will not be used for future service and operations? Yes (If yes, please demonstrate compliance to the items below) No				
Rejured 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. 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) Title [*]				
Signature Date				
e-mail address Telephone				

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Current Situation

There is a 95 barrel Pesco welded flat bottom steel tank. Walls are visible. Tank is surrounded by hog wire fence topped with re-bar. Interior walls are coal tar coated. 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.

Time Line

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 estimated to be >100'. Closest reported water depth is the Wayne water well which is $\approx 8,500$ ' southwest in Section 23. Office of the State Engineer records are attached as Exhibit A. Exhibit B shows the well locations. (There are no closer wells in Colorado.)

≈6,375' gas well ground elevation
- 3' depth to bottom of tank
≈6,372' tank bottom elevation

6,182' Wayne water well elevation
- 60' depth to water
6,122' water level elevation

6,372' tank bottom elevation
- 6,122' water level elevation
≈250' 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 Jaquez Arroyo is $\approx 5,000$ ' southwest (Exhibits B & C).
- 3. Tank is not within 300' of any building. Closest buildings are more than 1/4 mile distant (Exhibit D).



Hallador Petroleum LLP Horton 3C below grade tank proposed closure 700' FNL & 1870' FWL Sec. 13, T. 32 N., R. 12 W. San Juan County, New Mexico API # 30-045-31673

- 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 (Roddy) 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 feet² per day can be found in the coarser continuous sandstones. Water in the more extensive sandstones has a specific conductance of 1,500 μ mhos. Specific conductance is >2,000 μ mhos in the finer grained sandstones.



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Closure Plan

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:

Component	Test Method	Not to Exceed (mg/kg)
benzene	EPA SW-846 8021B or 8260B	0.2
total BTEX	EPA SW-846 8021B or 8260B	50
TPH	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,



Hallador Petroleum LLP Horton 3C below grade tank proposed closure 700' FNL & 1870' FWL Sec. 13, T. 32 N., R. 12 W. San Juan County, New Mexico API # 30-045-31673 PAGE 4

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 monotonic 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	ore
Will file closure report on Form C-144 within 60 days of closure completion winecessary 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	ith



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Executed this 10th 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

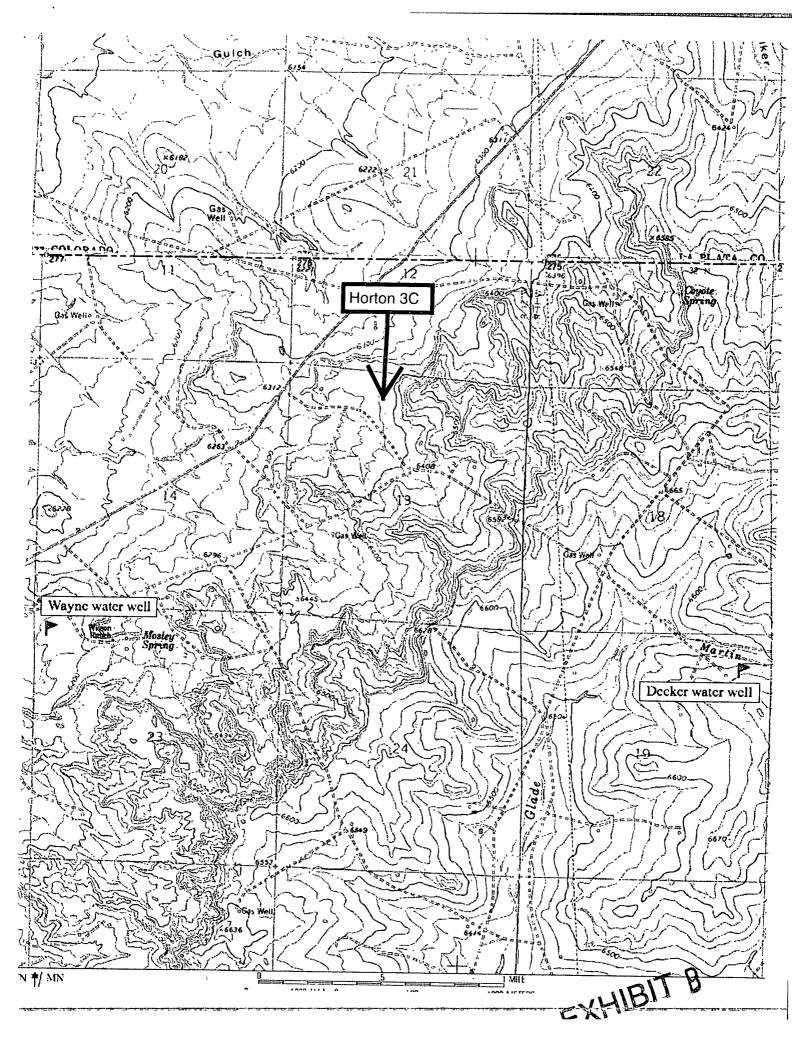
Denver, CO 80264

(303) 839-5504, Extension 317



New Mexico Office of the State Engineer POD Reports and Downloads

Township: 32N Range: 12W Sections:	
NAD27 X: Zone: Search Radius:	
County: [worder	
Owner Name: (First) (Last) ONon-Domestic ODomestic OAII	
(POD / Surface Data Report) (Avg Depth to Water Report) (Water Column Report)	
Clear Form (WATERS Menu) (Help)	
WATER COLUMN REPORT 12/10/2008	
(quarters are l=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) Depth Depth Water (in feet) POD Number Tws Rng Sec q q q Zone X Y Well Water Column SJ 01213 32N 12W 18 2 3 4 640 20 620 620 SJ 01212 32N 12W 18 4 1 3 43 5 38 38 SJ 03583 32N 12W 23 1 1 1 167 60 107 SJ 00055 32N 12W 25 2 504 SJ 02110 32N 12W 28 2 1 4 W 391500 2170000 171 90 81 SJ 01106 32N 12W 35 3 4 180 115 65 Record Count: 6	
New Mexico Office of the State Engineer New Mexico Office of the State Engineer POD Reports and Downloads	20 AM
Township: [32N] Range: [11W] Sections:	
NAD27 X: Y: Zone: Search Radius:	
County: Basin: Basin: Number: Suffix:	
Owner Name: (First) (Last) ONon-Domestic ODomestic OAll	
(POD / Surface Data Report) (Avg Depth to Water Report) (Water Column Report)	
(POD / Surface Data Report) (Avg Depth to Water Report) (Water Column Report) (Clear Form) (WATERS Menu) (Help) WATER COLUMN REPORT 12/10/2008	
WATER COLUMN REPORT 12/10/2008	
(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) Depth Depth Water (in feet) POD Number Tws Rng Sec q q Zone X Y Well Water Column SJ 01360 32N 11W 19 2 2 180 155 25 SJ 01327 32N 11W 23 2 23 90 50 40 SJ 00021 32N 11W 24 2 105 SJ 00026 32N 1-1W 29 3 588	



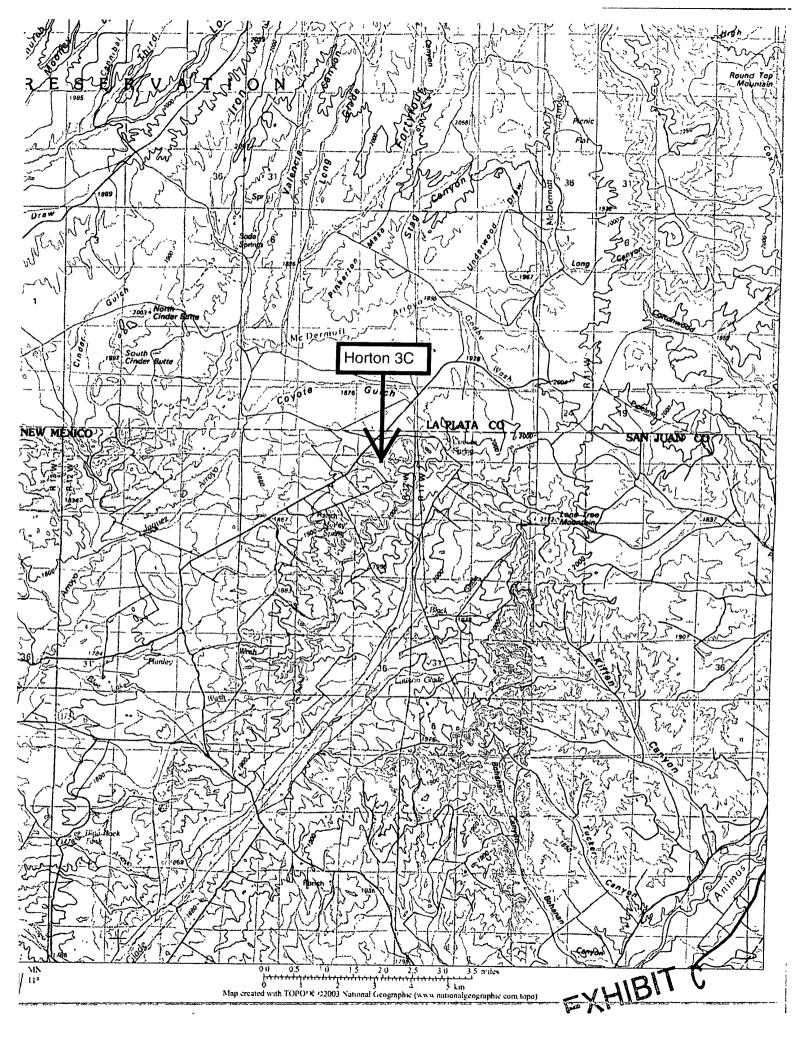
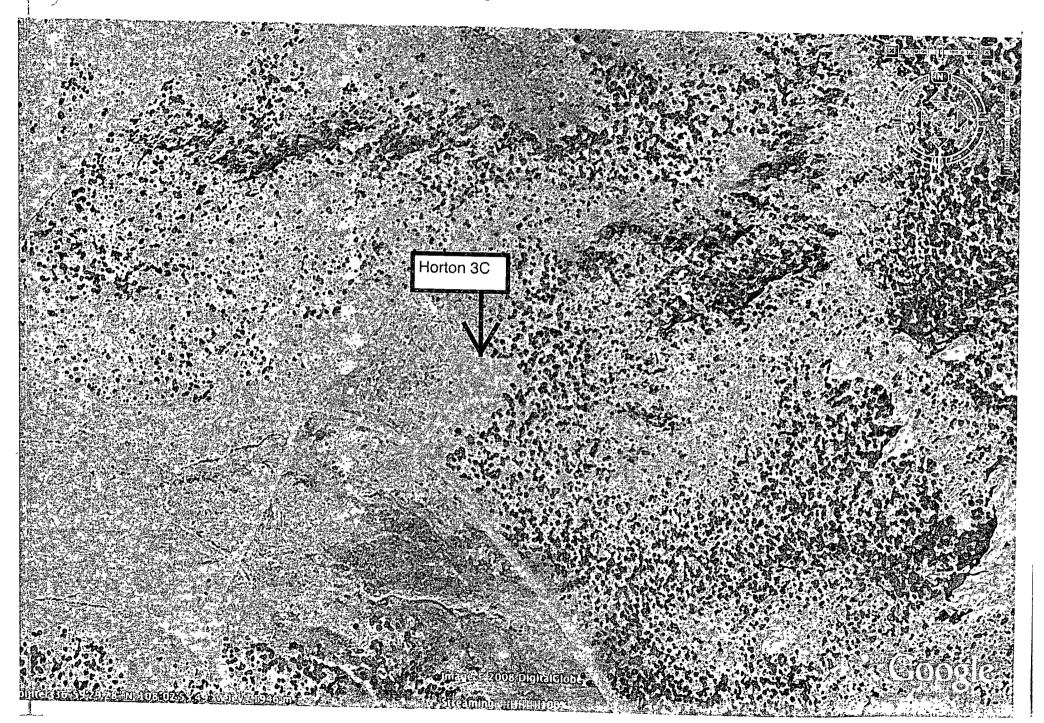
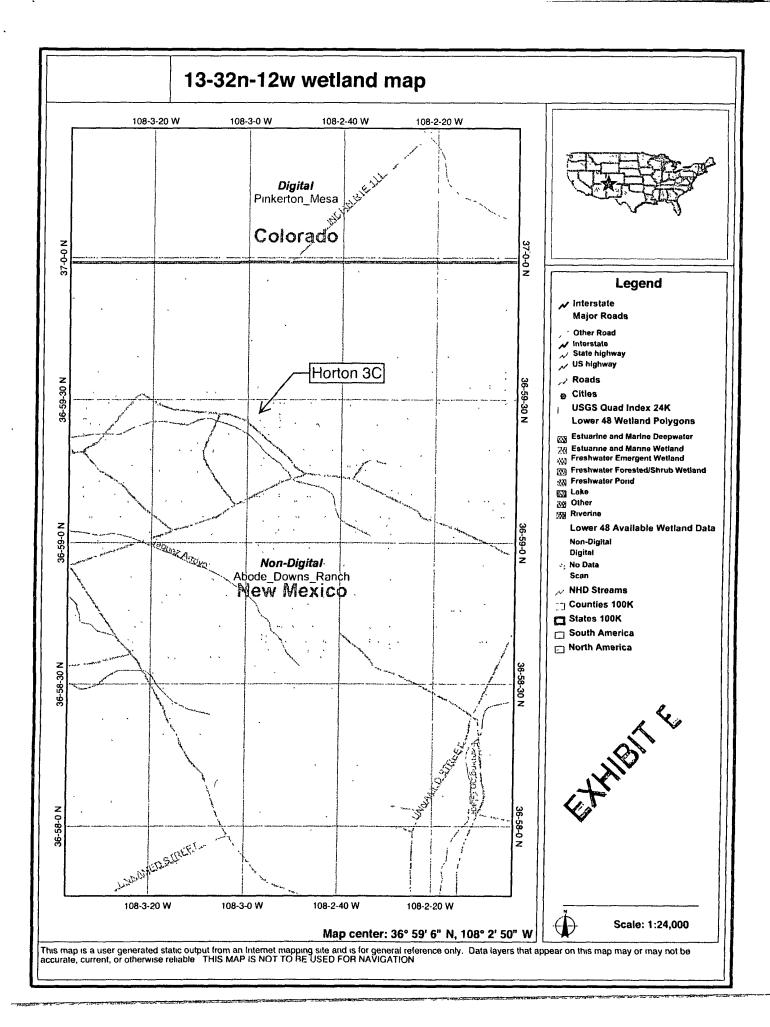
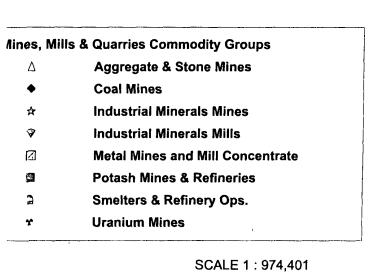


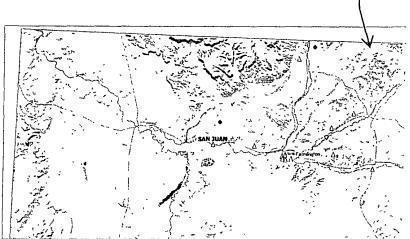
EXHIBIT D

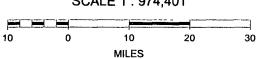




MMQonline Public Version



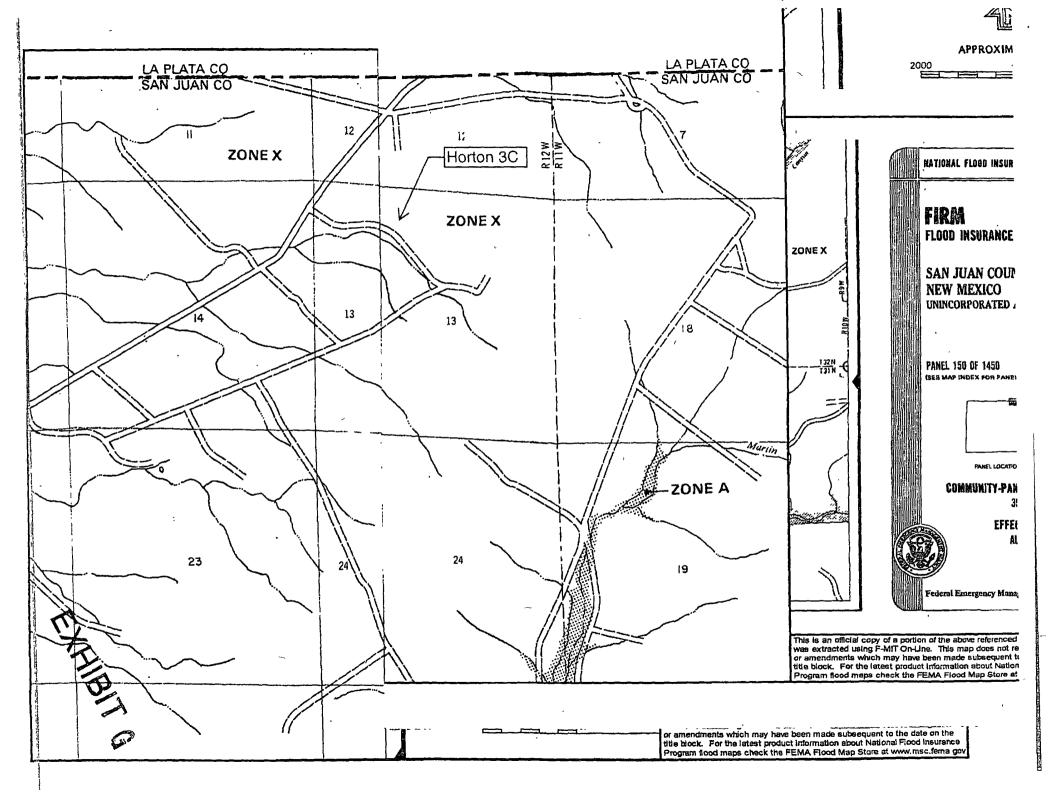






Horton 3C

EXHIBITE



Form C - 102

State of New Mexico Energy. Minerals & Mining Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco Sonta Fe. NM 87505

			WELL	LOCAT	MA AND		VJ VDVA TIAL		-	LIMPENDED REPORT
1	PA NA			Pool Coo	· · · · ·	ICHENGE !	DEDICATION		None	
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December 8, 2008

Kenneth & Joyce Roddy Trust P. O. Box 133197 Tyler, TX 75713-3197

Dear Trustee(s):

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:

Well	API Number	<u>Location</u>
Horton 3	30-045-11448	SWNE 13-32n-12w
Horton 3A	30-045-23394	SWNW 13-32n-12w
Horton 3C	30-045-31673	NENW 13-32n-12w
Horton 8	30-045-21846	SWNW 13-32n-12w
Horton 10	30-045-22935	SENE 13-32n-12w

Please call me if you have any questions.

Sincerely,

Brian Wood

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2.1	HEATTH REPRESENTATION OF THE PERSON OF THE P		

EXHIBIT I

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 m 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.

Vietor 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.

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

My Commission Expires 06/07/2011