District 1
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

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

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Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Proposed Alternative Method Permit or Closure Plan Ap	<u>oplication</u>
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-permited below-grade tank, or proposed alternative method	ed 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 environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmenta.	of surface water, ground water or the l authority's rules, regulations or ordinances
Operator HALLADOR PETROLEUM LLP OGRID #: 12672	main ser 25 me
Address. 1660 LINCOLN ST., SUITE 2700, DENVER, CO 80264	ROUNES JUS
Facility or well name HORTON 9	MATE TO
· · · · · · · · · · · · · · · · · · ·	
API Number 30-045-22671 OCD Permit Number:	
U/L or Qtr/Qtr G Section 22 Township 32 N Range 11 W County SAN JUAN	
Center of Proposed Design. Latitude <u>36.97356° N</u> Longitude <u>107.97335° W</u> NAD: ☐1927 ☑ 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 Liner Seams □ Welded □ Factory □ Other □ Volume bbl Dimensions. L'x W 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 intent)	'
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other ☐	
☐ Lined ☐ Unlined Liner type Thicknessimil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other	
Liner Seams.	
Selow-grade tank: Subsection I of 19 15 17 11 NMAC Volume 25 bbl Type of fluid. produced water Tank Construction material. single wall fiberglass Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut Visible sidewalls and liner Visible sidewalls only Other Liner type Thickness mil HDPE PVC Other	
•	
Alternative Method:	1
Submittal of an exception request is required. Executions 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 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)	l, hospital,
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)	
a. 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.	ı 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 accumaterial are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approffice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drabove-grade tanks associated with a closed-loop system.	opriate district approval.
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
Vithin a 100-year floodplain - FFMA map	☐ Yes ☑ No
	<u> </u>

Take Solt

Form C-144 Oil Conservation Division -

Temporary Pits, Emergency Pits, and Below-grade Tanks Instructions: Each of the following items must be attached attached.		
☐ Hydrogeologic Report (Below-grade Fanks) - based upo ☐ Hydrogeologic Data (Temporary and Emergency Pits) - ☐ Siting Criteria Compliance Demonstrations - based upon ☐ Design Plan - based upon the appropriate requirements of	based upon the requirements of Paragraph in the appropriate requirements of 19 15 17	n (2) of Subsection B of 19.15.17.9 NMAC
Operating and Maintenance Plan - based upon the appro Closure Plan (Please complete Boxes 14 through 18, if a and 19 15 17 13 NMAC	priate requirements of 19 15 17 12 NMAG	
Previously Approved Design (attach copy of design) Al	PI Number.	or Permit Number.
Closed-loop Systems Permit Application Attachment Chec Instructions: Each of the following items must be attached to attached.		
Geologic and Hydrogeologic Data (only for on-site closs Siting Criteria Compliance Demonstrations (only for on Design Plan - based upon the appropriate requirements Operating and Maintenance Plan - based upon the appro	i-site closure) - based upon the appropriate of 19 15 17 11 NMAC opriate requirements of 19 15 17 12 NMA	e requirements of 19 15 17.10 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 imple	ement waste removal for closure)	
Permanent Pits Permit Application Checklist: Subsection Instructions: Each of the following items must be attached to attached. Hydrogeologic Report - based upon the requirements of Siting Criteria Compliance Demonstrations - based upon Climatological Factors Assessment Certified Engineering Design Plans - based upon the application and Structural Integrity Design - based upon the appropriate requirements of Leak Detection Design - based upon the appropriate requirements of Quality Control/Quality Assurance Construction and Insoperating and Maintenance Plan - based upon the appropriate of Preeboard and Overtopping Prevention Plan - based upon Nuisance or Hazardous Odors, including H ₂ S, Prevention Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of the stream of the propriate requirements of the stream of the	Paragraph (1) of Subsection B of 19.15.17 in the appropriate requirements of 19.15.17 propriate requirements of 19.15.17 propriate requirements of 19.15.17 propriate requirements of 19.15.17 propriate requirements of 19.15	7 9 NMAC 7 10 NMAC 5.17.11 NMAC 19 15 17 11 NMAC C 7 11 NMAC
Proposed Closure: 19 15 17 13 NMAC Instructions: Please complete the applicable boxes, Boxes 14	through 18, in regards to the proposed c	iosure plan.
Type. Dulling Workover Emergency Cavitatio		·
Proposed Closure Method Waste Excavation and Remova Waste Removal (Closed-loop)		
On-site Closure Method (Only	for temporary pits and closed-loop system	ns)
	On-site Trench Burial exceptions must be submitted to the Santa	Fe Environmental Bureau for consideration)
15		
Waste Excavation and Removal Closure Plan Checklist: (19 closure plan. Please indicate, by a check mark in the box, that	t the documents are attached.	f the following items must be attached to the
 ✓ Protocols and Procedures - based upon the appropriate re ✓ Confirmation Sampling Plan (if applicable) - based upon 		on F of 19 15 17 13 NMAC
Disposal Facility Name and Permit Number (for liquids,	drilling fluids and drill cuttings)	
Re-vegetation Plan - based upon the appropriate requiren	ents of Subsection Lof 19 15 17 13 NMA	.C
Site Reclamation Plan - based upon the appropriate requi	rements of Subsection Croft 19,15 17 13 N	HMAC
1 orm C-144	-OH Consultation-Haveon-	Trigg 3 of 3

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground S Instructions: Please indentify the facility or facilities for the disposal of liquids, d facilities are required.					
1,	Disposal Facility Permit Number				
Disposal Facility Name					
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations? Yes (If yes, please provide the information below) \(\subseteq \) No					
Required for impacted areas which will not be used for future service and operation Soil Backfill and Cover Design Specifications based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection I Site Reclamation Plan - based upon the appropriate requirements of Subsection	requirements of Subsection H of 19 15 17 13 NMA of 19 15 17 13 NMAC	c			
Siting Criteria (regarding on-site closure methods only): 19 15 17 10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the coprovided below. Requests regarding changes to certain siting criteria may require 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 for	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			
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	Yes No			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other sign lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	fficant watercourse or lakebed, sinkhole, or playa	Yes No			
Within 300 feet from a permanent residence, school, hospital, institution, or church in Visual inspection (certification) of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the proposed site, Aerial photo, Satellite in the school of the school	n existence at the time of initial application. mage	☐ Yes ☐ No			
Within 500 horizontal feet of a private, domestic fresh water well or spring that less to 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 (co	ring, in existence at the time of initial application.	☐ Yes ☐ No			
Within incorporated municipal boundaries or within a defined municipal fresh water adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality. Written approval	·	☐ 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 a	nd 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 f by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of Si Construction/Design Plan of Burial Trench (if applicable) based upon the appr Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad Protocols and Procedures - based upon the appropriate requirements of 19 15.1' Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Su Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill Soil Cover Design - based upon the appropriate requirements of Subsection H of Re-vegetation Plan - based upon the appropriate requirements of Subsection I of Site Reclamation Plan - based upon the appropriate-requirements of Subsection	ements of 19 15 17 10 NMAC absection F of 19 15 17.13 NMAC opriate requirements of 19 15.17 11 NMAC) - based upon the appropriate requirements of 19 17 13 NMAC ements of Subsection F of 19.15 17 13 NMAC bsection F of 19 15 17 13 NMAC I cuttings or in case on-site closure standards canno of 19 15 17 13 NMAC f 19 15 17 13 NMAC	5 17 11 NMAC			

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Form C-141 Oil Conseivement Division ----

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 Fitle CONSULTANT
Signature: Date <u>12-9-08</u>
e-mail address <u>brian@permitswest.com</u> Telephone (505) 466-8120
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: 4/05/2012 Approval Date: 4/05/2012
Title: OMPiance OCETTE OCD Permit Number:
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.
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) \(\subseteq \) 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
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 Longitude 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)
Signature Date
e-mail addressTelephone
Tour C-144 Page 3 of 7

Hallador Petroleum LLP
Horton 9 below grade tank proposed closure
1540' FNL & 1675' FEL Sec. 22, T. 32 N., R. 11 W.
San Juan County, New Mexico
API # 30-045-22671

Current Situation

There is a 25 barrel single wall fiberglass tank. Walls are visible. Tank is surrounded by hog wire fence topped with rebar. There is no secondary containment. The tank has a nylon net 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 >100'. Closest reported water depth is the Decker water well which is $\approx 5,500$ ' east in Section 23. Office of the State Engineer records are attached as Exhibit A.

≈6,243' Decker water well ground elevation - 50' depth to water ≈6,193' water level elevation

6,406' gas well elevation
- 3' depth to bottom of tank
6,403' tank bottom elevation

6,403' tank bottom elevation
- 6,193' water level elevation
≈210' 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 (Linda 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 <u>San Juan Basin</u>, <u>New Mexico</u>, 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.



PAGE 3

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:

<u>Component</u>	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 9 below grade tank proposed closure 1540' FNL & 1675' FEL Sec. 22, T. 32 N., R. 11 W. San Juan County, New Mexico API # 30-045-22671

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:

Hallador Petroleum LLP
1660 Lincoln St., Suite 2700
Denver, CO 80264

(303) 839-5504, Extension 317

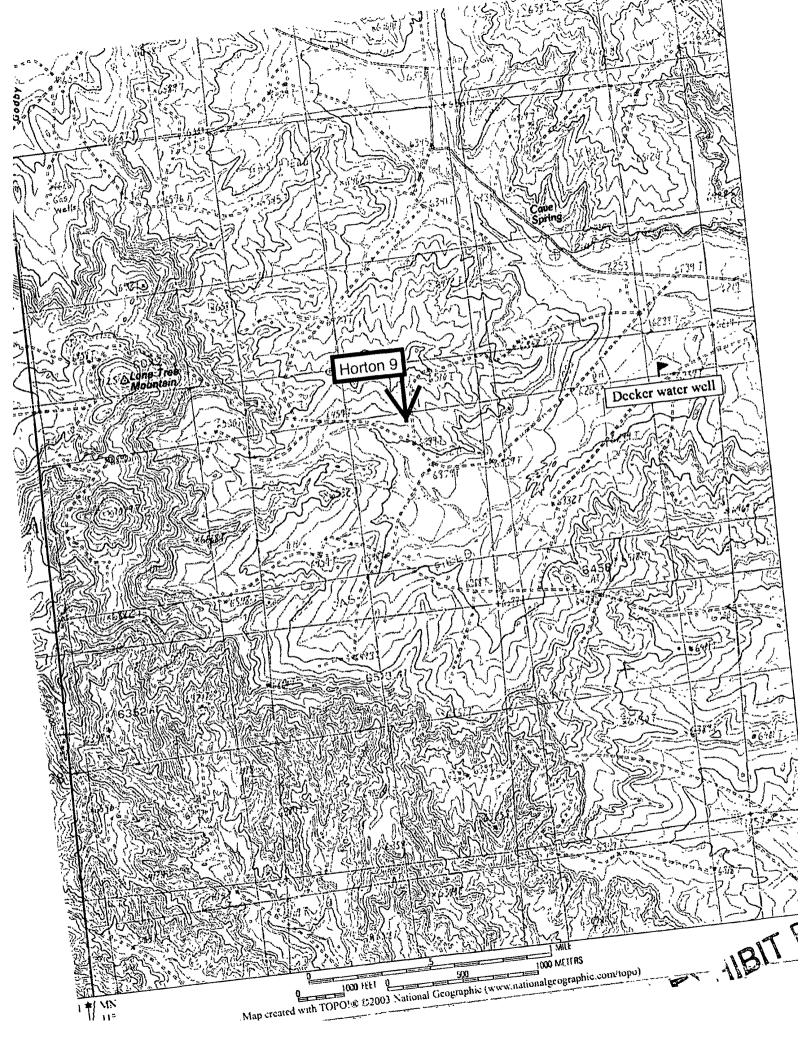


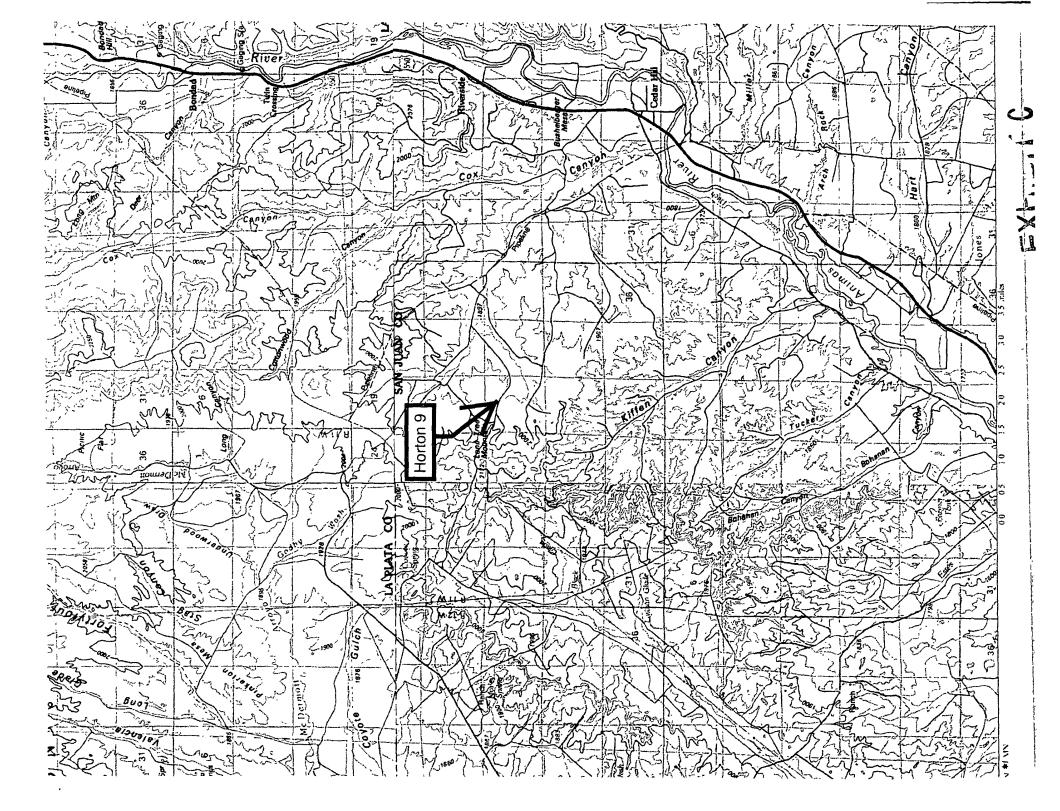
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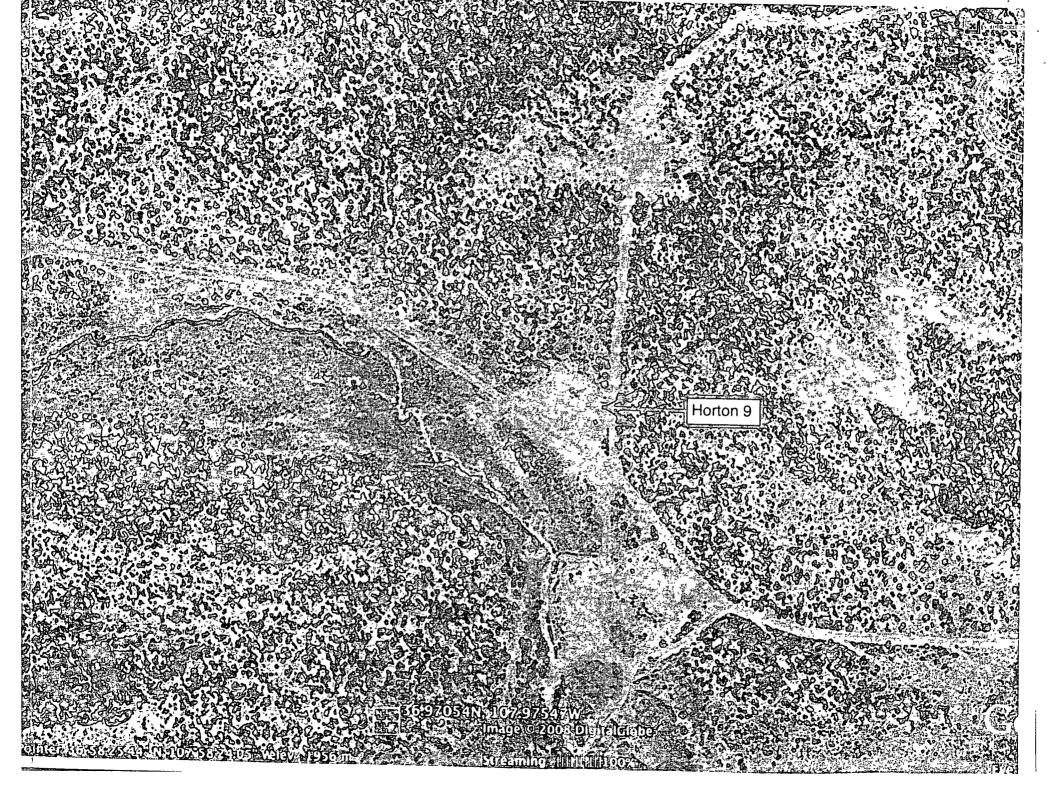
New Mexico Office of the State Engineer POD Reports and Downloads

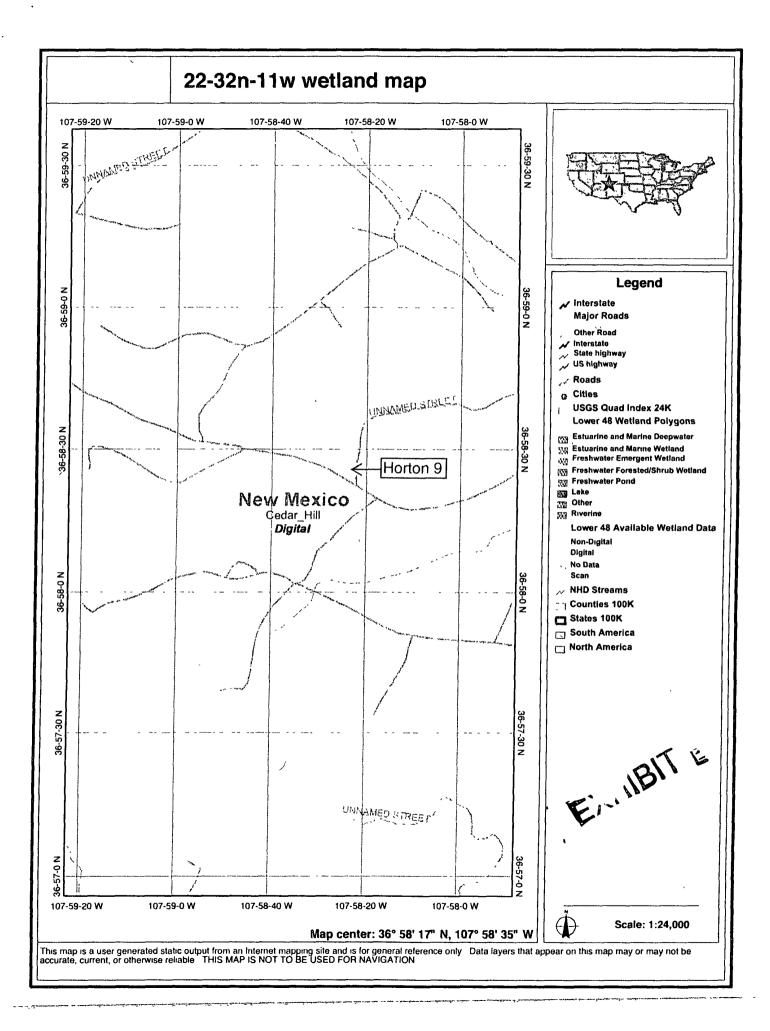
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NAD2	27 X:	Y:		Zone:		Searc	h Radius				
County:		Basin: [~		:) Nun	ıber:	s	uffix:			
Owner Name: (Fi	rst)		(Last)			Non-I	Domestic	ODomo	estic	ХII	
(POD / Surfa	ce Data Repo	ort) (Avg	Depth to Wate	r Report	(Water C	Column Rep	ort			
MAN WAS O MANUAL COMPANIA OF MANAGEMENT MANA	Distribution of the state of th	(CI	ear Form)	(iWATERS Me	nu) (Help	D 					•
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,	(quarter		WATE	R COLUMN R	EPORT 12		008				•
		s are 1=	WATE	R COLUMN R	EPORT 1:			Depth	Water	(in	feet)
POD Number		s are 1=	WATE NW 2=NE ggest t	R COLUMN R	EPORT 1:		Depth Well	Depth Water	Water Column	(in	feet)
POD Number SJ 01360	(quarter	s are 1=	WATE NW 2=NE ggest t	R COLUMN R 3=SW 4=SE o smallest	EPORT 12	2/08/20	Depth	Depth		(in	feet)
	(quarter	s are 1= s are bi Rng Sec	WATE NW 2=NE ggest t	R COLUMN R 3=SW 4=SE o smallest	EPORT 12	2/08/20	Depth Well	Depth Water	Column	(in	feet)
SJ 01360	(quarter Tws 32N	s are 1= s are bi Rng Sec 11W 19	WATE NW 2=NE ggest t qqq 2 2	R COLUMN R 3=SW 4=SE o smallest	EPORT 12	2/08/20	Depth Well 180	Depth Water 155	Column 25	(in	feet)
SJ 01360 SJ 01327	(quarter Tws 32N 32N	s are 1= s are bi Rng Sec 11W 19 11W 23	WATE NW 2=NE ggest t qqq 2 2 2 2 3	R COLUMN R 3=SW 4=SE o smallest	EPORT 12	2/08/20	Depth Well 180 90	Depth Water 155	Column 25	(in	feet)
SJ 01360 SJ 01327 SJ 00021	(quarter Tws 32N 32N 32N	s are 1= s are bi Rng Sec 11W 19 11W 23 11W 23	WATE NW 2=NE ggest t qqq 2 2 2 2 3 3	R COLUMN R 3=SW 4=SE o smallest	EPORT 12	2/08/20	Depth Well 180 90 585	Depth Water 155	Column 25	(in	feet)

EXHIBITA



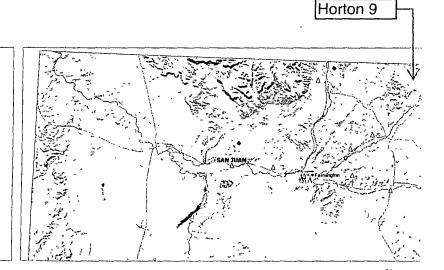


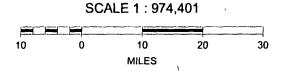




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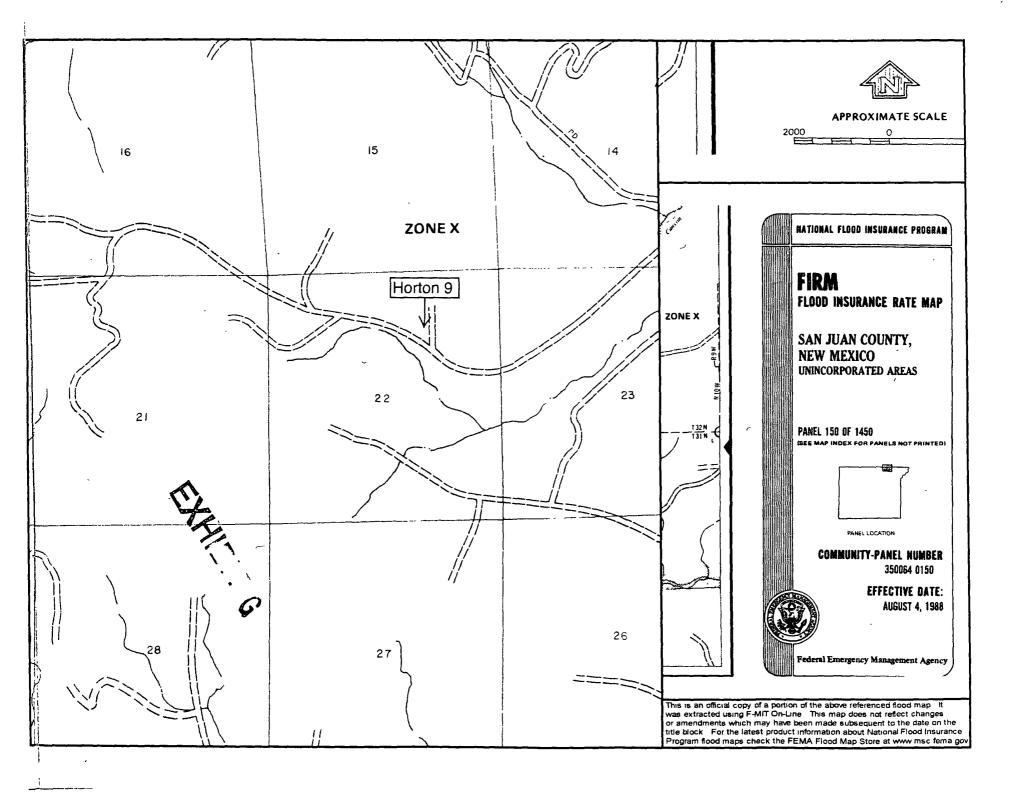
Mines, Mills & Quarries Commodity Groups △ Aggregate & Stone Mines ◆ Coal Mines ☆ Industrial Minerals Mines ◇ Industrial Minerals Mills ✓ Metal Mines and Mill Concentrate Potash Mines & Refineries ⇒ Smelters & Refinery Ops. ✓ Uranium Mines







EXHIBITE



NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

		All distances	must be fro	om the outer boundarie	rs of the Section			
Operator KIMBAF	RK OPERATING	G COMPANY		Leose HORTON			Well No	9
Jnit Letter	Section	Township		Range	County			-
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round Level Elev	. Producing	ormation ured Cliffs	[1	Pool Blanco	PC .	Dedicor	ed Avereage: 160	
6406				Didiico		<u>i</u>	100	Acre
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necessory.)				**************************************	************************************	********	PA CONTRACTO PAGE 60000011 page	
					dated (by communitiz			forced-
pooling, or oth	nerwise) or until a	non standard unit	i, elimina	ting such interests	, has been approved by	y the Co	mmission.	
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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>	<u>API Number</u>	<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.

Brian Wood

Sincerely

U.S.Posial Service M. GERIFIED WAILT RECEPT (Doncstic Well Colly No. Insurance Coverage Revided)

Fordelivery Information visit our website at www.usps.come

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Fees \$ 5.32 USPS

Sent To Mc G ms exp

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EX: JT 1

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.

By:

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