

## 2RP-4901

### Shell Federal No.2 SWD

Spill date – 08/3/2018.

Spill & Volume: 270 bbl oil, 1190 bbl water spilled. 10 bbl oil, 721 water recovered

Spill notes: Battery Struck by lightning and completely destroyed. Site atop karst area requiring most stringent clean up standards.

Delineation or remediation: Initial work plan sent to Maria Pruitt on August 31, 2018 and approved on September 4, 2018. Delineation/remediation conducted September 5, through 14, 2018.

Photos: See report.

Additional notes: None

Documents Attached:

New Mexico Form C-141 (version 2018)

Fasken Workplan

Fasken Closure Report

Final New Mexico Form C-141 (version 2018)

**FASKEN STATUS: CLOSED**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

# Release Notification

## Responsible Party

Responsible Party: Fasken Oil and Ranch, Ltd	OGRID
Contact Name: Aaron Pachlhofer	Contact Telephone: (432) 687 - 1777
Contact email: aaronp@forl.com	Incident # <i>(assigned by OCD): 2RP-4901</i>
Contact mailing address: 6101 Holiday Hill Road, Midland, TX 79707	

## Location of Release Source

Latitude 32.510319 Longitude -104.527606  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Shell Federal No. 2 SWD	Site Type: Salt Water Disposal
Date Release Discovered: 8/3/18	API# (if applicable): 30-015-22717

Unit Letter	Section	Township	Range	County
M	5	T21E	24E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls): 270	Volume Recovered (bbls): 10
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): 1190	Volume Recovered (bbls) 721
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: At approximately 10:30 p.m. on 8/3/18 a tank low level alarm was received by Odie Roberts with Fasken. The lightning stick likely occurred just before the alarm notification was sent by the system. A pumper was dispatched to address the problem. When the contractor arrived, the Artesia Fire Department was on location bringing the fire under control. The fire chief told the pumper that the fire was from a lightning strike. The area received approximately 1 inch of rain during this event. The battery was destroyed, the tanks were reduced to about ¼ their original height. The lined firewall contained approximately 80 to 85% of the spilled fluids, and the liner bottom appears intact. Some fluids flowed across the pad but was further contained by a tertiary berm around the pad. Fluids on the pad appears to be only oil that has been burned. A small overspray of oil was observed to the south of the battery, with some scorched vegetation.

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc) <u>Notice was given by Vince Hancock at Fasken on 8/4/18 at 6:15 a.m. MDT</u>	

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

Released to Imaging: 4/19/2023 10:02:25 AM

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## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

### **Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Aaron Pachlhofer Title: Environmental Coordinator

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: aaronp@forl.com Telephone: 432-687-1777

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Aaron Pachlhofer \_\_\_\_\_ Title: Environmental Coordinator \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: aaronp@forl.com \_\_\_\_\_ Telephone: 432-687-1777 \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist: Each of the following items must be included in the closure report.**

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



6101 Holiday Hill Road  
Midland, TX 79707  
(432) 687-1777  
(432) 687-1570 (FAX)

August 9, 2018

Maria Pruett  
Environmental Specialist  
OCD – Artesia District  
1301 W Grand Ave  
Artesia, NM 88210

Shelly Tucker  
EPS – Spill/Release Coordinator  
Bureau of Land Management - Carlsbad  
620 East Greene Street  
Carlsbad, NM 88220-6292

Work Plan: 2RP-4901 - Shell Federal No. 2 SWD Fire/Spill Initial Response and Site Characterization Work Plan

Ms. Pruett and Ms. Tucker,

### **Incident Description**

On the late evening of August 3<sup>rd</sup>, 2018 lightning struck the Fasken Shell Federal No. 2 SWD. An explosion and fire occurred resulting in the total loss of the battery. A total of 1190 barrels of produced water and 270 barrels of crude oil were released in the fire. To date, 721 barrels of produced water and 10 barrels of crude oil have been recovered. Most of the produced water and crude oil were contained within the lined firewall. Most of the released crude oil was incinerated in the fire, and a significant portion of the unrecovered produced water was likely evaporated by the fire. All crude oil was held within the tertiary containment berm around the border of the well/SWD battery location. A small amount of salt was observed outside of the tertiary containment on the north side of the location and the northwest side of the location. The New Mexico OCD Artesia office has designated the spill as 2RP-4901. Please see attached aerial photos.

### **Delineation Sampling**

No delineation samples have been collected. This work plan is an initial response to identify, remove, and dispose of the most contaminated materials from the spill area. Samples for BTEX/TPH and chlorides will be collected during removal.

### **Potential Receptors**

According to the New Mexico State Engineer's Office, a water well RA-05057 is located approximately 1 mile to the north/northwest at 32.524554, -104.530731. Based on aerial photos, these coordinates appear accurate. The probable depth to groundwater is more than 300 feet below ground surface according to data for the well.

The closest surface water is Brantley Lake, approximately 8 miles to the northeast.

There are no homes or occupied structures within 1 mile of the release.



The U.S. Bureau of Land management has identified the location of the spill as high and critical karst area. The New Mexico OCD regards the BLM designation as an unstable area. According to NM OCD 19.15.29.12 C. (4).(g) the release must be treated as if the release occurred in an area where ground water is less than 50 feet from the surface. There are no other potential receptors such as a lakebed, sinkhole, playa lake, continually flowing watercourse, spring, fresh water well, subsurface mine,

Soils affected by the spill will be excavated and removed to 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene.

### **WORK PLAN**

A large portion of the improved caliche location was affected by the release. The 40-mil plastic liner of the secondary containment appears intact. The affected areas of the spill have been partitioned according to the amount of soil that is anticipated to be removed. Please refer to the attached aerial photo with color coded excavation areas.

### **Sample Collection**

During excavation, soils will be removed until they are visually and olfactorally clean. All samples will be field screened for chlorides. Following field screening additional material will be removed as needed. If no further material will be removed, confirmation grab samples will be collected and submitted for laboratory analysis. Laboratory samples will be analyzed for chlorides by EPA method 300.0, BTEX by EPA Methods 8021B, and TPH by EPA Method 8015M.

The location of all samples collected will be recorded. Sample locations will be plotted on an aerial photo and included with the Site Characterization report. Confirmation samples will be collected as described below in each excavation area. Samples will be identified by the color of their collection area (green, blue, red, etc)

Field spatter: A small area of misted crude oil spatter was noted to the south of the battery. At the direction of Shelly Tucker, no remediation will be performed since more damage to vegetation will occur while attempting to excavate or remediate; instead of allowing the crude oil to naturally attenuate. Since no excavation or remediation will be performed in this area, no samples will be collected. Burnt debris were also noted in this area. Burnt materials have already been collected from off-location areas, however a final walkover will be performed at the end of the initial response for any debris that were missed.

### **Secondary Containment Liner**

Except for the portions of the liner on the top of the berm that burned/melted, the liner appears intact. In order to demonstrate that the liner is intact, Fasken will clear the contaminated gravel from the liner in as many areas as needed to demonstrate that the liner maintained integrity. If liner integrity is questionable, the soil beneath the liner and liner pad will be visually inspected for leakage. If only produced water contamination is suspected, the sample will be field screened. If the field screening indicates less than 600 mg/kg chloride that sample will not be submitted for laboratory analysis. In crude oil contamination is suspected (visual/olfactorally), the area will be addressed after the liner is removed and a grab sample will be collected. BLM and OCD will be present if possible and given a minimum of two days notice. BLM and OCD will also be present for field screening of samples collected beneath the liner. Please note that fully clearing all of the oil saturated gravel fill from the top of the liner for inspection is not feasible, so clearing the materials from selected areas is necessary.

The liner and underlying felt pad will be completely removed and replaced due to damage sustained by the fire (i.e. repairs not feasible). If the liner is not intact as noted above, the area will be excavated as

needed and sampled after the liner is removed. Please note that a new SWD battery with a liner will be constructed on the exact area of the destroyed battery.

### Soil Removal

Please refer to the color coded aerial photo of the battery and location for the following excavation areas: Yellow: These areas are not affected by released produced water or crude oil. Some areas appear scorched. No excavation will be conducted.

Dark Blue: salt flowed through the improved caliche pad and was observed in these two areas on August 7<sup>th</sup>. Soil will be removed from these areas based on visible salt. A minimum of 6 inches of material will be removed or until underlying undisturbed rock is contacted. A confirmation sample will be collected from each Blue excavation area. Estimated removal: 27 cubic yards.

Green: Oil and produced water pooled in these areas, allowing some produced water to seep through the improved caliche pad. In this area, the unaffected tertiary berm will be removed and set aside for later reuse. The affected portions of the improved caliche location will be removed as needed until field screening indicates that excavation can stop. It is anticipated that all improved caliche will be removed from this area until the original pasture surface is reached. Four confirmation samples will be collected from the Green excavation area. Estimated removal: 231 cubic yards.

Purple: Burning oil and produced water flowed across this area with little or no pooling observed on the morning of August 4<sup>th</sup>. This area will be scraped as needed until field screening indicates that further removal is not needed. Ten confirmation samples will be collected from the Purple excavation area. Estimated removal: 385 cubic yards.

Red: Caliche berm supporting the 40-mil liner. The liner above the berm in the Red excavation area burned and spilled crude oil and produced water has affected it. This portion of the berm will be completely removed. Three confirmation samples will be collected from the Red excavation area. Estimated removal: 92 cubic yards

Light Blue: Liner and gravel fill. The liner filled with produced water and crude oil during the fire and all gravel fill appears affected by oil. All gravel fill on top of the liner, the liner, and the felt pad under the liner will be removed for disposal after the liner is verified intact. No samples will be collected if the liner is intact. If the liner is compromised, material will be removed as needed (visual and olfactory), then field screened for chlorides. If the liner is not intact, eight confirmation samples will be collected from the Light Blue excavation area. Estimated removal: 130 cubic yard (liner intact); 260 (liner compromised).

Total estimated removal: 865 cubic yards if liner intact; 995 cubic yards if liner compromised

All excavated soil will be loaded for disposal at Lea Lands Disposal Facility. Clean soil will be backhauled from Lea Lands to replace the soil that will be removed and disposed. Fasken anticipates that approximately 80 cubic yards of material will be disposed.

### **REPORT PREPARATION**

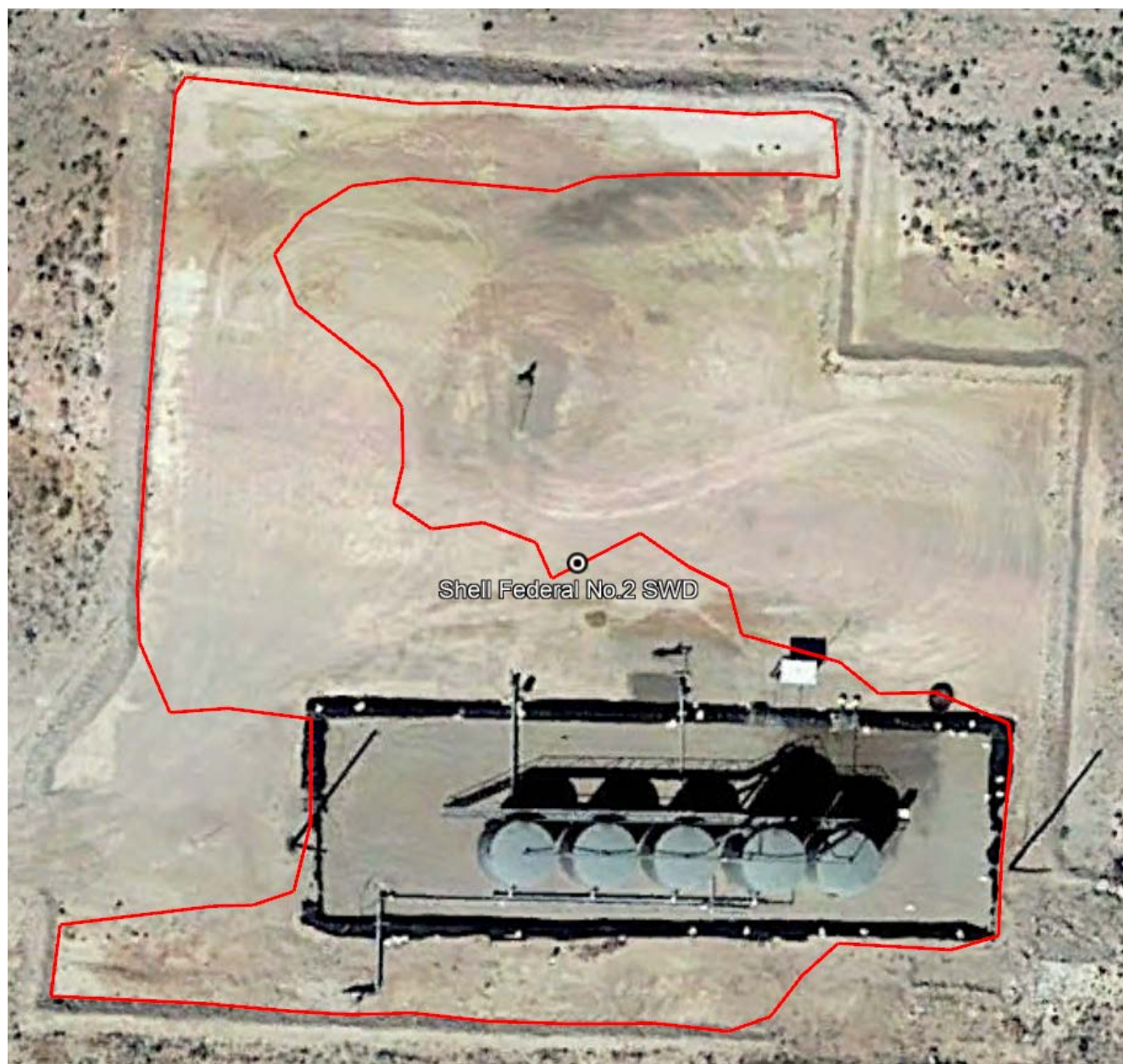
A Site Characterization Report will be prepared and submitted for review. The report will include a description of all onsite activities, an aerial photo based site plan with sample collection locations, photographic documentation, and copies of all laboratory reports. Closure will be requested as appropriate.

If there are any questions or comments, please do not hesitate to contact Aaron Pachlhofer at the letterhead address or 432-687-1777 or aaronp@forl.com.

Thank You,

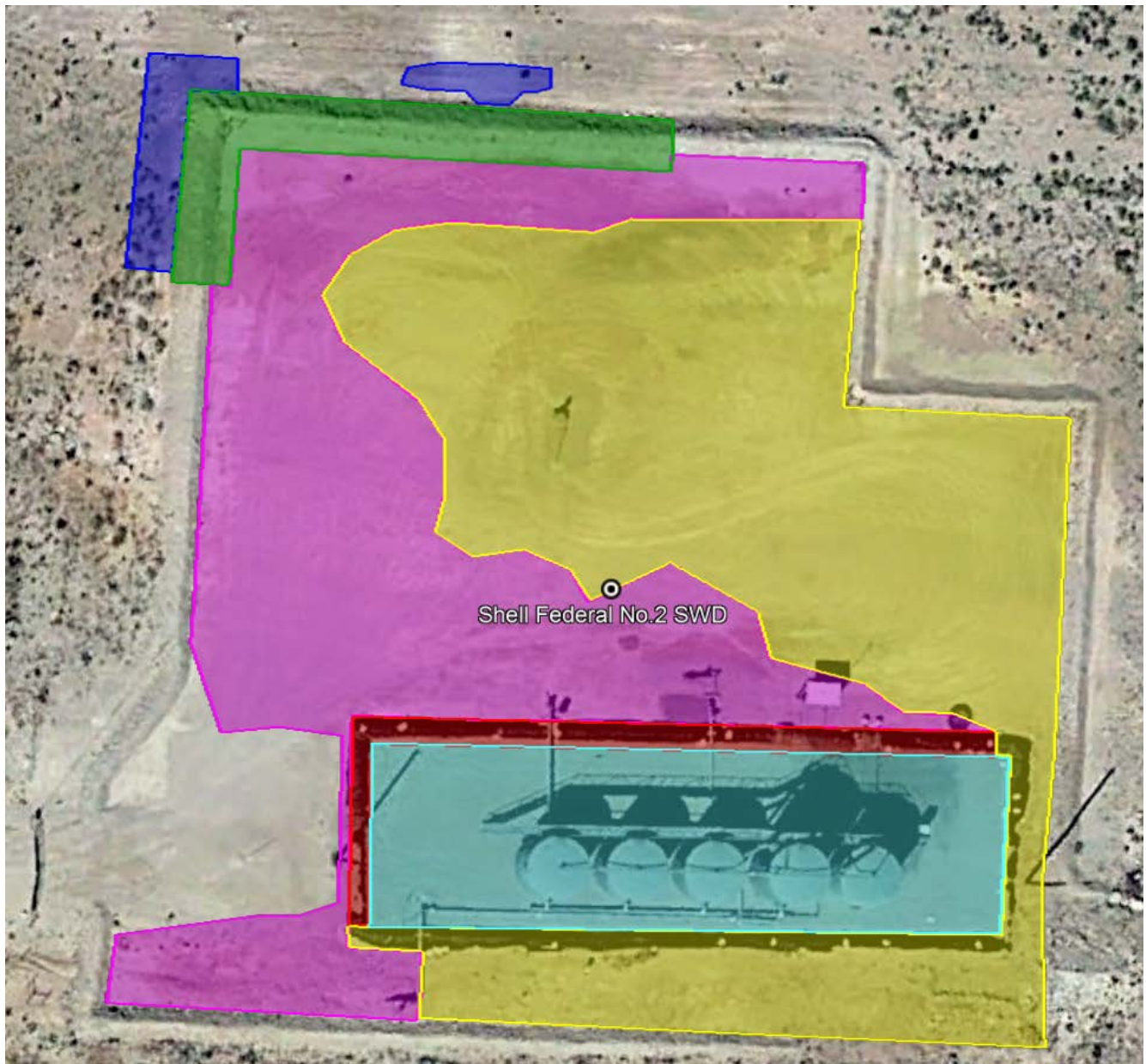
Aaron Pachlhofer, P.G.  
Environmental Coordinator

**Spill Area** – Red outline indicates all areas that burned or received spilled fluids





## Color Coded Excavation Areas



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Printed Name: Aaron Pachlhofer Title: Environmental Coordinator

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: aaronp@forl.com Telephone: 432-687-1777

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
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- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Aaron Pachlhofer \_\_\_\_\_ Title: Environmental Coordinator \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: aaronp@forl.com \_\_\_\_\_ Telephone: 432-687-1777 \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist: Each of the following items must be included in the closure report.**

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



6101 Holiday Hill Road  
Midland, TX 79707  
(432) 687-1777  
(432) 687-1570 (FAX)

November 20, 2018

Ms. Maria Pruett  
Environmental Specialist  
OCD – Artesia District 2  
1301 West Grand Avenue  
Artesia, NM 88210

Shelly Tucker  
EPS – Spill/Release Coordinator  
Bureau of Land Management - Carlsbad  
620 East Greene Street  
Carlsbad, NM 88220-6292

Closure request: Shell Federal No.2 SWD Battery Fire, Unit letter m, Section 5, Township 21E, Range 24E, 2RP-4901

### **Incident Description**

On August 4<sup>th</sup>, 2018 lightning struck the Shell Federal No.2 SWD (site), causing a fire and completely destroying the battery. As a result of the fire, crude oil and produced water were released into the lined containment of the battery. During the fire, flames burned the top half of the liner away, allowing the fluid in the containment to first over flow the lined containment, then erode the unprotect dirt berm under the burned-away liner and flow onto the caliche well pad. According to Fasken records, 270 barrels of crude oil and 1190 barrels of produced water were released. 10 barrels of crude oil and 721 barrels of produced water were recovered. The fire likely burned all unrecovered oil and evaporated a significant portion of the unrecovered produced water. The caliche pad has a tertiary berm around it; which contained all of the crude oil that escaped the containment and most of the produced water. On August 5<sup>th</sup>, Aaron Pachlhofer used a GPS to generate an outline of the spill area.

On August 7<sup>th</sup>, Aaron Pachlhofer, Maria Pruett (NMOCD), Shelley Tucker (BLM, and Crystal Weaver (BLM) met onsite to review the battery wreckage and spill area. During the onsite meeting, Ms. Tucker detailed that the battery area lies upon a high karst potential area. No other receptors were noted near the site. The New Mexico OCD Artesia office has designated the spill as 2RP-4901.

Following the fire and fluid recovery, all debris were removed from the containment and the pad was prepped for the initial response.

On September 4, Ms. Pruett approved a plan submitted by Fasken for an initial response & site characterization. The plan was also approved by Shelley Tucker with BLM. Due to the high karst potential, clean up requirements are: 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene.

### **Spill Response and Characterization**

On September 5<sup>th</sup>, Aaron Pachlhofer directed earthmoving equipment to remove the affected soil by the fire. As detailed in the approved work plan, affected soils were excavated according to their color coded areas. Some areas, specifically green, purple, and light blue required more excavation than anticipated in

the work plan. Soils were excavated until visual staining was greatly reduced (or no longer present) and in-situ soils were olfactorally clean. Once visual and olfactory results were desirable, the sample were field screened for chlorides. A screening limit of 400 mg/kg was used as a chloride limit to ensure that all affected materials were removed prior to backfilling. If screening for chlorides was higher than 400 mg/kg, additional material was excavated and the area resampled. This was repeated as needed until desired screening results were achieved. Following excavation and field screening of a color-coded area, laboratory samples were collected for final confirmation. Samples were collected from the same approximate location as field screening samples. All samples collected were grab samples. All samples were collected at the surface of the excavation.

As material was excavated, it was removed to Lea Land, LLC for disposal. Clean fill material was backhauled. An estimated 1,370 yards of material was removed and disposed. Please see attached waste manifests. Following the receipt of the all laboratory reports, the excavated areas were backfilled

### **Summary of Laboratory Sample Results**

A total of 28 samples were collected for laboratory analysis. Please see the Summary Table.

The chloride results ranged from a maximum of 585 mg/kg to 21.9 mg/kg

The TPH results ranged from 96.4 mg/kg to less than the detection limit of the laboratory

BTEX results ranged from 0.911 mg/kg to less than the detection limit of the laboratory

Benzene was not detected in any sample result.

Please note all results in mg/kg. See attached lab reports.

### **Conclusions**

1. The area affected by the spill was excavated below 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX and 10 mg/kg benzene as required by the workplan approved by the NM OCD.
2. No waste remains onsite.
3. The excavation has been backfilled.

### **Recommendations**

Fasken recommends no further action for this spill.

If there are any questions or comments, please do not hesitate to contact Aaron Pachlhofer at the letterhead address or 432-687-1777 or aaronp@forl.com.

Thank You,

Aaron Pachlhofer

Attachments:

Aerial photo based site plan

Photographs

Summary Table

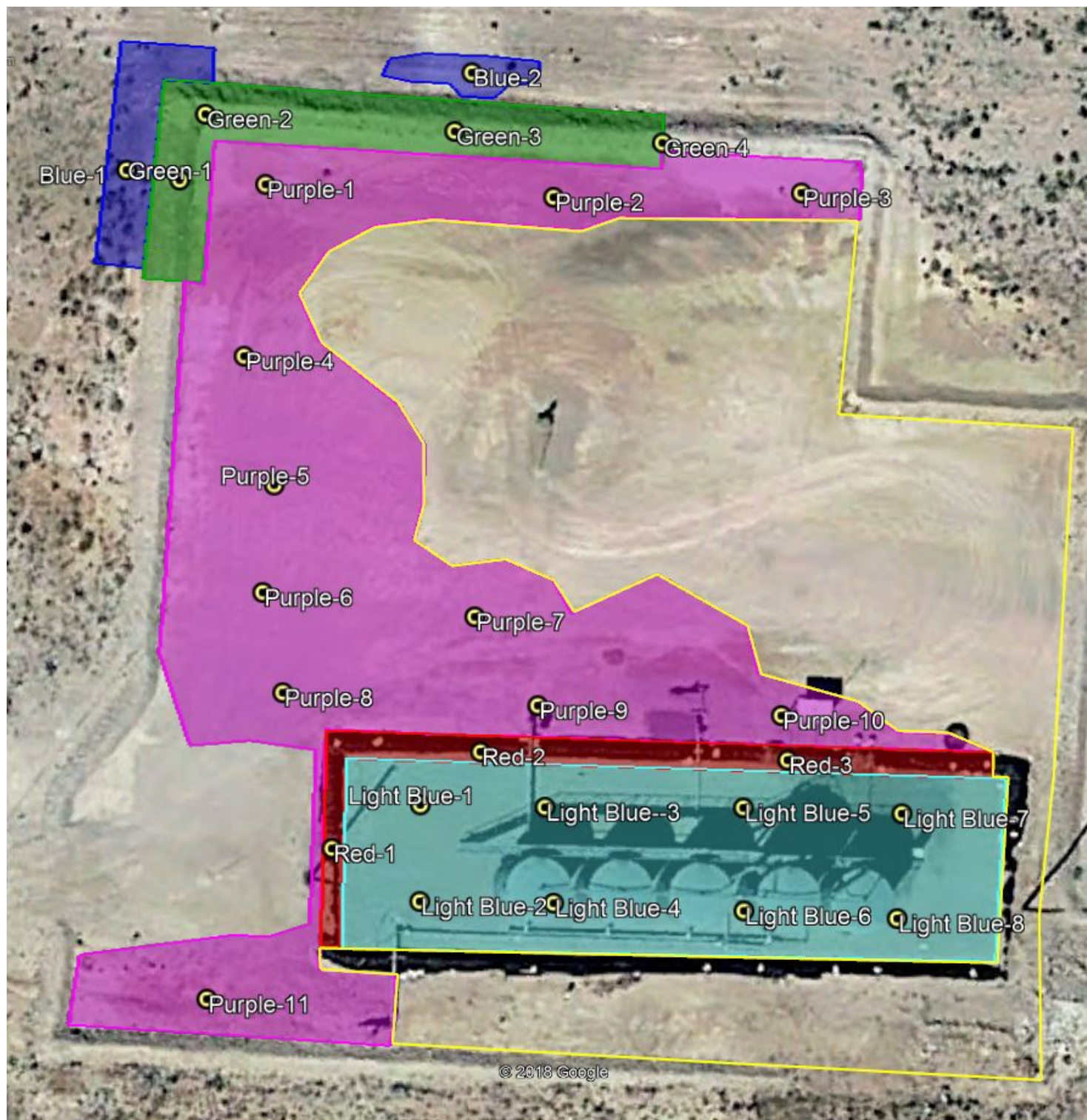
Laboratory Reports

Waste Manifests

Revised NM Form C-141 (ordered on top of this report)



Aerial photo based site plan:





**Photographs**



Well sign at entrance



Spill area looking west at burned battery





Spill area looking west-northwest



Spill area looking south





Spill area at southeast berm corner, looking north



Spill area at south edge of berm, looking west





Spill area looking east-northeast, at southwest berm corner



Spill area looking north from southwest berm corner





Spill area looking north-northeast



Spill area looking southeast





Spill area at north edge of berm, looking east



Spill area at northeast berm corner, looking southwest





Excavating affected material, looking west



Excavating affected material, looking northeast



Excavating affected material, looking east-southeast



Excavating affected material, looking north





Affected material temporarily stored in former lined firewall, looking west



Removing affected material, looking north



Stockpiled backfill



Backfilling excavated areas



Sample Name	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH C6 - C12	TPH C12 - C28	TPH C28 - C35	TPH C6 - c35	Chloride
Blue-1	9/6/2018	ND	ND	ND	ND	ND	ND	ND	ND	21.9
Blue-2	9/7/2018	ND	ND	ND	ND	27.4	53.2	ND	80.6	542
Green-1	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	585
Green-2	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	577
Green-3	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	535
Green-4	9/7/2018	ND	ND	ND	ND	ND	39.3	ND	39.3	560
Purple-1	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	556
Purple-2	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	417
Purple-3	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	120
Purple-4	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	322
Purple-5	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	112
Purple-6	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	127
Purple-7	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	448
Purple-8	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	453
Purple-9	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	527
Purple-10	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	504
Purple-11	9/7/2018	ND	ND	ND	ND	ND	ND	ND	ND	439
Light Blue-1	9/14/2018	ND	ND	0.0288	0.474	9.9	80.5	6	96.4	500
Light Blue-2	9/14/2018	ND	0.0259	ND	0.439	ND	70.9	8.8	79.7	290
Light Blue-3	9/14/2018	ND	0.0347	0.0723	0.804	5.9	81.7	6.5	94.1	580
Light Blue-4	9/14/2018	ND	ND	ND	ND	ND	68.2	ND	68.2	478
Light Blue-5	9/14/2018	ND	ND	ND	0.502	ND	50.9	ND	50.9	150
Light Blue-6	9/14/2018	ND	0.0286	0.0295	0.592	ND	43.4	6.8	50.2	430
Light Blue-7	9/14/2018	ND	0.0336	0.0385	0.658	ND	40.1	6.5	46.6	440
Light Blue-8	9/14/2018	ND	ND	ND	ND	ND	ND	43.6	ND	118
Red-1	9/14/2018	ND	ND	ND	ND	ND	ND	ND	ND	464
Red-2	9/14/2018	ND	ND	ND	ND	ND	ND	ND	ND	510
Red-3	9/14/2018	ND	ND	ND	ND	ND	ND	ND	ND	469

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report

**Prepared for:**

Aaron Pachlhofer  
Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland, TX 79707

Project: Shell Federal  
Project Number: [none]  
Location: New Mexico  
  
Lab Order Number: 8I10009



NELAP/TCEQ # T104704516-17-8

Report Date: 09/13/18

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Blue-1	8I10009-01	Soil	09/06/18 11:09	09-10-2018 09:47
Blue-2	8I10009-02	Soil	09/07/18 10:10	09-10-2018 09:47
Green-1	8I10009-03	Soil	09/07/18 10:00	09-10-2018 09:47
Green-2	8I10009-04	Soil	09/07/18 10:02	09-10-2018 09:47
Green-3	8I10009-05	Soil	09/07/18 10:03	09-10-2018 09:47
Green-4	8I10009-06	Soil	09/07/18 11:55	09-10-2018 09:47
Purple-1	8I10009-07	Soil	09/07/18 10:05	09-10-2018 09:47
Purple-2	8I10009-08	Soil	09/07/18 10:15	09-10-2018 09:47
Purple-3	8I10009-09	Soil	09/07/18 10:18	09-10-2018 09:47
Purple-4	8I10009-10	Soil	09/07/18 10:20	09-10-2018 09:47
Purple-5	8I10009-11	Soil	09/07/18 10:22	09-10-2018 09:47
Purple-6	8I10009-12	Soil	09/07/18 10:25	09-10-2018 09:47
Purple-7	8I10009-13	Soil	09/07/18 10:28	09-10-2018 09:47
Purple-8	8I10009-14	Soil	09/07/18 10:31	09-10-2018 09:47
Purple-9	8I10009-15	Soil	09/07/18 10:34	09-10-2018 09:47
Purple-10	8I10009-16	Soil	09/07/18 10:36	09-10-2018 09:47
Purple-11	8I10009-17	Soil	09/07/18 10:38	09-10-2018 09:47

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Blue-1**  
**8I10009-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00106	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0106	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00532	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0213	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0106	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		112 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.6 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	21.9	1.06	mg/kg dry	1	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	6.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.6	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		96.3 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Blue-2**  
**8I10009-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00538	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0215	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.2 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	542	26.9	mg/kg dry	25	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	7.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	27.4	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	53.2	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		116 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	80.6	26.9	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Green-1**  
**8I10009-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00119	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0119	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00595	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0238	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0119	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		112 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.4 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	585	29.8	mg/kg dry	25	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	16.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	29.8	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		118 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		132 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Green-2**  
**8I10009-04 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00106	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0106	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00532	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0213	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0106	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		113 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.4 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	577	26.6	mg/kg dry	25	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	6.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.6	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		120 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Green-3**  
**8I10009-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00106	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0106	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00532	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0213	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0106	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		113 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.2 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	535	26.6	mg/kg dry	25	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	6.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.6	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		130 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Green-4**  
**8I10009-06 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00111	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0111	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00556	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0222	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0111	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		114 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.6 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	560	27.8	mg/kg dry	25	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	10.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.8	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	39.3	27.8	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		123 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>39.3</b>	27.8	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-1**  
**8I10009-07 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00108	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0108	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00538	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0215	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0108	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		125 %	75-125		P811105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.4 %	75-125		P811105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	556	26.9	mg/kg dry	25	P811014	09/10/18	09/10/18	EPA 300.0	
% Moisture	7.0	0.1	%	1	P811101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P811103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P811103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-2**  
**8I10009-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00538	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0215	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		124 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	417	26.9	mg/kg dry	25	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	7.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		132 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-3**  
**8I10009-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00105	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0105	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00526	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0211	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0105	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		92.8 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		112 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	120	1.05	mg/kg dry	1	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	5.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.3	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		130 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-4**  
**8I10009-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00538	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0215	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		112 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.6 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	322	26.9	mg/kg dry	25	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	7.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		72.3 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		81.4 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-5**  
**8I10009-11 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00104	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0104	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00521	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0208	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0104	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.6 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		119 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	112	1.04	mg/kg dry	1	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	4.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.0	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		118 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		134 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-6**  
**8I10009-12 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00538	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0215	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0108	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		121 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.7 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	127	1.08	mg/kg dry	1	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	7.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		119 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-7**  
**8I10009-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	448	26.3	mg/kg dry	25	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	5.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.3	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		130 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		144 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-8**  
**8I10009-14 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00105	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0105	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00526	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0211	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0105	mg/kg dry	1	P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.6 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	75-125		P8I1105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	453	26.3	mg/kg dry	25	P8I1014	09/10/18	09/10/18	EPA 300.0	
% Moisture	5.0	0.1	%	1	P8I1101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.3	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		70.5 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		79.7 %	70-130		P8I1103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-9**  
**8I10009-15 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00122	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0122	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00610	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0244	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0122	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.9 %	75-125		P811105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		120 %	75-125		P811105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	527	30.5	mg/kg dry	25	P811014	09/10/18	09/10/18	EPA 300.0	
% Moisture	18.0	0.1	%	1	P811101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	30.5	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	30.5	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	30.5	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		128 %	70-130		P811103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		143 %	70-130		P811103	09/10/18	09/10/18	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	30.5	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-10**  
**8I10009-16 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00120	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0120	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00602	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0241	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0120	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.9 %	75-125		P811105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		115 %	75-125		P811105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	504	30.1	mg/kg dry	25	P811014	09/10/18	09/10/18	EPA 300.0	
% Moisture	17.0	0.1	%	1	P811101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	30.1	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	30.1	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	30.1	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P811103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		136 %	70-130		P811103	09/10/18	09/10/18	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	30.1	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Purple-11**  
**8I10009-17 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00120	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Toluene	ND	0.0120	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Ethylbenzene	ND	0.00602	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Xylene (p/m)	ND	0.0241	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Xylene (o)	ND	0.0120	mg/kg dry	1	P811105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		108 %	75-125		P811105	09/11/18	09/11/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.4 %	75-125		P811105	09/11/18	09/11/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	439	30.1	mg/kg dry	25	P811014	09/10/18	09/10/18	EPA 300.0	
% Moisture	17.0	0.1	%	1	P811101	09/11/18	09/11/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	30.1	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
>C12-C28	ND	30.1	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
>C28-C35	ND	30.1	mg/kg dry	1	P811103	09/10/18	09/10/18	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P811103	09/10/18	09/10/18	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P811103	09/10/18	09/10/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	30.1	mg/kg dry	1	[CALC]	09/10/18	09/10/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Organics by GC - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P8I1105 - General Preparation (GC)**

**Blank (P8I1105-BLK1)**

Prepared & Analyzed: 09/11/18

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.0100	"							
Ethylbenzene	ND	0.00500	"							
Xylene (p/m)	ND	0.0200	"							
Xylene (o)	ND	0.0100	"							
Surrogate: 4-Bromofluorobenzene	0.0641		"	0.0600		107	75-125			
Surrogate: 1,4-Difluorobenzene	0.0561		"	0.0600		93.6	75-125			

**LCS (P8I1105-BS1)**

Prepared & Analyzed: 09/11/18

Benzene	0.0997	0.00100	mg/kg wet	0.100		99.7	70-130			
Toluene	0.107	0.0100	"	0.100		107	70-130			
Ethylbenzene	0.115	0.00500	"	0.100		115	70-130			
Xylene (p/m)	0.225	0.0200	"	0.200		112	70-130			
Xylene (o)	0.119	0.0100	"	0.100		119	70-130			
Surrogate: 4-Bromofluorobenzene	0.0651		"	0.0600		109	75-125			
Surrogate: 1,4-Difluorobenzene	0.0655		"	0.0600		109	75-125			

**LCS Dup (P8I1105-BSD1)**

Prepared & Analyzed: 09/11/18

Benzene	0.102	0.00100	mg/kg wet	0.100		102	70-130	2.36	20	
Toluene	0.110	0.0100	"	0.100		110	70-130	2.17	20	
Ethylbenzene	0.115	0.00500	"	0.100		115	70-130	0.330	20	
Xylene (p/m)	0.227	0.0200	"	0.200		114	70-130	1.05	20	
Xylene (o)	0.114	0.0100	"	0.100		114	70-130	4.13	20	
Surrogate: 4-Bromofluorobenzene	0.0670		"	0.0600		112	75-125			
Surrogate: 1,4-Difluorobenzene	0.0660		"	0.0600		110	75-125			

**Matrix Spike (P8I1105-MS1)**

Source: 8I10009-17

Prepared & Analyzed: 09/11/18

Benzene	0.0914	0.00120	mg/kg dry	0.120	ND	75.8	80-120			QM-07
Toluene	0.0940	0.0120	"	0.120	ND	78.0	80-120			QM-07
Ethylbenzene	0.101	0.00602	"	0.120	ND	84.2	80-120			
Xylene (p/m)	0.176	0.0241	"	0.241	ND	72.9	80-120			QM-07
Xylene (o)	0.0974	0.0120	"	0.120	ND	80.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.0723		150	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.0761		"	0.0723		105	75-125			

Permian Basin Environmental Lab, L.P.

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Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Organics by GC - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P8I1105 - General Preparation (GC)**

Matrix Spike Dup (P8I1105-MSD1)		Source: 8I10009-17			Prepared & Analyzed: 09/11/18					
Benzene	0.103	0.00120	mg/kg dry	0.120	ND	85.4	80-120	11.8	20	
Toluene	0.108	0.0120	"	0.120	ND	89.5	80-120	13.7	20	
Ethylbenzene	0.128	0.00602	"	0.120	ND	106	80-120	22.9	20	QM-07
Xylene (p/m)	0.219	0.0241	"	0.241	ND	90.9	80-120	22.0	20	QM-07
Xylene (o)	0.119	0.0120	"	0.120	ND	98.5	80-120	19.7	20	
Surrogate: 1,4-Difluorobenzene	0.0796		"	0.0723		110	75-125			
Surrogate: 4-Bromofluorobenzene	0.0857		"	0.0723		119	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P8I1014 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P8I1014-BLK1)</b>				Prepared & Analyzed: 09/10/18						
Chloride	ND	1.00	mg/kg wet							
<b>LCS (P8I1014-BS1)</b>				Prepared & Analyzed: 09/10/18						
Chloride	406	1.00	mg/kg wet	400		101	80-120			
<b>LCS Dup (P8I1014-BSD1)</b>				Prepared & Analyzed: 09/10/18						
Chloride	405	1.00	mg/kg wet	400		101	80-120	0.202	20	
<b>Duplicate (P8I1014-DUP1)</b>				<b>Source: 8H29011-01</b>		Prepared & Analyzed: 09/10/18				
Chloride	9010	27.8	mg/kg dry		9050			0.400	20	
<b>Matrix Spike (P8I1014-MS1)</b>				<b>Source: 8H29011-01</b>		Prepared & Analyzed: 09/10/18				
Chloride	11800	27.8	mg/kg dry	2780	9050	99.5	80-120			

**Batch P8I1101 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P8I1101-BLK1)</b>				Prepared & Analyzed: 09/11/18						
% Moisture	ND	0.1	%							
<b>Duplicate (P8I1101-DUP1)</b>				<b>Source: 8I10011-01</b>		Prepared & Analyzed: 09/11/18				
% Moisture	15.0	0.1	%		13.0			14.3	20	
<b>Duplicate (P8I1101-DUP2)</b>				<b>Source: 8I10012-02</b>		Prepared & Analyzed: 09/11/18				
% Moisture	10.0	0.1	%		10.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch P8I1103 - TX 1005</b>										
<b>Blank (P8I1103-BLK1)</b>				Prepared & Analyzed: 09/10/18						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	101		"	100		101	70-130			
Surrogate: o-Terphenyl	55.6		"	50.0		111	70-130			
<b>LCS (P8I1103-BS1)</b>				Prepared & Analyzed: 09/10/18						
C6-C12	1110	25.0	mg/kg wet	1000		111	75-125			
>C12-C28	1150	25.0	"	1000		115	75-125			
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	56.0		"	50.0		112	70-130			
<b>LCS Dup (P8I1103-BSD1)</b>				Prepared & Analyzed: 09/10/18						
C6-C12	985	25.0	mg/kg wet	1000		98.5	75-125	11.9	20	
>C12-C28	1030	25.0	"	1000		103	75-125	11.4	20	
Surrogate: 1-Chlorooctane	123		"	100		123	70-130			
Surrogate: o-Terphenyl	57.0		"	50.0		114	70-130			
<b>Duplicate (P8I1103-DUP1)</b>				Source: 8I10010-03	Prepared: 09/10/18 Analyzed: 09/11/18					
C6-C12	63.8	132	mg/kg dry		61.7			3.44	20	
>C12-C28	5670	132	"		5450			3.79	20	
Surrogate: 1-Chlorooctane	123		"	105		117	70-130			
Surrogate: o-Terphenyl	67.2		"	52.6		128	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

### Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/13/2018

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**Permian Basin Environmental Lab, LP  
1400 Rankin Hwy  
Midland, Texas 79701**

**Phone: 432-686-7235**

**Project Manager:** Aaron Pachlhofer

**Project Name:** Shell Federal

**Company Name** Fasken Oil & Ranch, LTD.

**Project#:**

**Company Address:** 6101 Holiday Hill Road

**Project Loc:** New Mexico

City/State/Zip: Midland, TX 79707

PO#:

Telephone No: 432-687-1777

**Report Format:**    ☒ Standard    ☐ TRRP    ☐ NPDES

**Sampler Signature:**

**e-mail:**

(lab use only)

ORDER #: 011600

[illegible]

**Special Instructions:**

Reimbursed by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Date \_\_\_\_\_ Time \_\_\_\_\_

(Labels on containers)  
 (List by scale on containers)  
 N  
 N  
 N  
 N

[illegible]

	Date	Time	Received by _____
Relinquished by:			

	Date /	Time	Temperature Upon Receipt: Celsius °F °C

Laboratory Comments:

**Sample Containers Intact  
VOCs Free of Headspace\***

Labels on containers).  
Custody seals on container(s)

Custody seals on cooler  
Sample Hand Delivered

by Samsier/Lient Rep.?  
by Cunnery? UPS

Temperature Upon Receipt:	
Received:	4.0 °C
Adjusted:	4.4 °C Factor 0.471



**PBPLAB****CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST**

Permian Basin Environmental Lab, LP  
1400 Rankin Hwy  
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Aaron PachhoferProject Name: Shell FederalCompany Name: Fasken Oil & Ranch, LTD.

Project #:

Company Address: 6101 Holiday Hill RoadProject Loc: New MexicoCity/State/Zip: Midland, TX 79707

PO #:

Telephone No: 432-687-1777

Fax No:

Report Format: ☒ Standard☐ TRRP☐ NPDES

Sampler Signature: \_\_\_\_\_

e-mail: \_\_\_\_\_

(lab use only)

ORDER #:

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO<sub>3</sub> 250 ml Poly

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None 1L Poly

NaOH/ZnAc

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-Potable Specify Other

TPH by 8015Mod

BTEX by SW8021

Chlorides by EPA 300

Preservation &amp; # of Containers

Matrix

Analyze For:

5 Day Tat

RUSH

Special instructions:

Relinquished by:

Date Time

Received by:

Date

Time

Relinquished by:

Date Time

Received by:

Date

Time

Relinquished by:

Date Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Sample Hand Delivered

by Counter? UPS DHL FedEx Lone Star

Temperature Upon Receipt:

Adjusted: 4.4 °C Factor 0.441

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report

**Prepared for:**

Aaron Pachlhofer  
Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland, TX 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Location: Eddy County, New Mexico  
Lab Order Number: 8I18014



NELAP/TCEQ # T104704516-17-8

Report Date: 09/24/18

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Light Blue 1	8I18014-01	Soil	09/14/18 14:31	09-18-2018 13:35
Light Blue 2	8I18014-02	Soil	09/14/18 14:35	09-18-2018 13:35
Light Blue 3	8I18014-03	Soil	09/14/18 14:40	09-18-2018 13:35
Light Blue 4	8I18014-04	Soil	09/14/18 14:45	09-18-2018 13:35
Light Blue 5	8I18014-05	Soil	09/14/18 14:53	09-18-2018 13:35
Light Blue 6	8I18014-06	Soil	09/14/18 14:54	09-18-2018 13:35
Light Blue 7	8I18014-07	Soil	09/14/18 14:59	09-18-2018 13:35
Light Blue 8	8I18014-08	Soil	09/14/18 15:04	09-18-2018 13:35
Red 1	8I18014-09	Soil	09/14/18 15:10	09-18-2018 13:35
Red 2	8I18014-10	Soil	09/14/18 15:16	09-18-2018 13:35
Red 3	8I18014-11	Soil	09/14/18 15:21	09-18-2018 13:35

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Light Blue 1**  
**8I18014-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B
Toluene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B
Ethylbenzene	<b>0.0288</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B
Xylene (p/m)	<b>0.309</b>	0.0440	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B
Xylene (o)	<b>0.165</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B
Surrogate: 4-Bromofluorobenzene		97.8 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B
Surrogate: 1,4-Difluorobenzene		91.7 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	<b>500</b>	27.5	mg/kg dry	25	P8I1902	09/19/18	09/19/18	EPA 300.0
% Moisture	<b>9.0</b>	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	<b>9.9</b>	26.6	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M
>C12-C28	<b>80.5</b>	26.6	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M
>C28-C35	<b>6.0</b>	26.6	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M
Surrogate: 1-Chlorooctane		78.4 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M
Surrogate: o-Terphenyl		111 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	<b>96.4</b>	26.6	mg/kg dry	5	[CALC]	09/19/18	09/20/18	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Light Blue 2**  
**8I18014-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Toluene</b>	<b>0.0259</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Ethylbenzene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Xylene (p/m)</b>	<b>0.292</b>	0.0440	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Xylene (o)</b>	<b>0.147</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.7 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.8 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>290</b>	27.5	mg/kg dry	25	P8I1902	09/19/18	09/19/18	EPA 300.0	
<b>% Moisture</b>	<b>9.0</b>	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

<b>C6-C12</b>	<b>ND</b>	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>&gt;C12-C28</b>	<b>70.9</b>	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>&gt;C28-C35</b>	<b>8.8</b>	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		91.4 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		123 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>79.7</b>	26.9	mg/kg dry	5	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Light Blue 3**  
**8I18014-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Toluene</b>	<b>0.0347</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Ethylbenzene</b>	<b>0.0723</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Xylene (p/m)</b>	<b>0.534</b>	0.0440	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Xylene (o)</b>	<b>0.270</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.9 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>580</b>	27.5	mg/kg dry	25	P8I1902	09/19/18	09/19/18	EPA 300.0	
<b>% Moisture</b>	<b>9.0</b>	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

<b>C6-C12</b>	<b>5.9</b>	26.6	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>&gt;C12-C28</b>	<b>81.7</b>	26.6	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>&gt;C28-C35</b>	<b>6.5</b>	26.6	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		146 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	S-GC
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>94.1</b>	26.6	mg/kg dry	5	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Light Blue 4**  
**8I18014-04 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.4 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	478	1.08	mg/kg dry	1	P8I1902	09/19/18	09/19/18	EPA 300.0	
% Moisture	7.0	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C12-C28	68.2	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		130 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>68.2</b>	26.9	mg/kg dry	1	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Light Blue 5**  
**8I18014-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Toluene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Ethylbenzene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Xylene (p/m)</b>	<b>0.351</b>	0.0440	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Xylene (o)</b>	<b>0.151</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.7 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.6 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>150</b>	27.5	mg/kg dry	25	P8I1902	09/19/18	09/19/18	EPA 300.0	
<b>% Moisture</b>	<b>9.0</b>	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

<b>C6-C12</b>	ND	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>&gt;C12-C28</b>	<b>50.9</b>	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>&gt;C28-C35</b>	ND	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		155 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	S-GC
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>50.9</b>	26.9	mg/kg dry	5	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Light Blue 6**  
**8I18014-06 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Toluene</b>	<b>0.0286</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Ethylbenzene</b>	<b>0.0295</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Xylene (p/m)</b>	<b>0.404</b>	0.0440	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
<b>Xylene (o)</b>	<b>0.188</b>	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.2 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.2 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

<b>Chloride</b>	<b>430</b>	27.5	mg/kg dry	25	P8I1902	09/19/18	09/19/18	EPA 300.0	
<b>% Moisture</b>	<b>9.0</b>	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

<b>C6-C12</b>	ND	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>&gt;C12-C28</b>	<b>43.4</b>	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>&gt;C28-C35</b>	<b>6.8</b>	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		147 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	S-GC
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>50.2</b>	26.9	mg/kg dry	5	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Light Blue 7**  
**8I18014-07 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Toluene	0.0336	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Ethylbenzene	0.0385	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (p/m)	0.436	0.0440	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (o)	0.222	0.0220	mg/kg dry	20	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		93.6 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		85.7 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	440	27.5	mg/kg dry	25	P8I1902	09/19/18	09/19/18	EPA 300.0	
% Moisture	9.0	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C12-C28	40.1	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C28-C35	6.5	26.9	mg/kg dry	5	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		149 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	46.6	26.9	mg/kg dry	5	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Light Blue 8**  
**8I18014-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.8 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	118	1.08	mg/kg dry	1	P8I2002	09/20/18	09/20/18	EPA 300.0	
% Moisture	7.0	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C12-C28	43.6	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>43.6</b>	26.9	mg/kg dry	1	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Red 1**  
**8I18014-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		121 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.3 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	464	1.08	mg/kg dry	1	P8I2002	09/20/18	09/20/18	EPA 300.0	
% Moisture	7.0	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		98.2 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Red 2**  
**8I18014-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		118 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.5 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	510	1.08	mg/kg dry	1	P8I2002	09/20/18	09/20/18	EPA 300.0	
% Moisture	7.0	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		82.8 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		91.6 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Red 3**  
**8I18014-11 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**Organics by GC**

Benzene	ND	0.00106	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		123 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.8 %	75-125		P8I1908	09/19/18	09/20/18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	469	1.06	mg/kg dry	1	P8I2002	09/20/18	09/20/18	EPA 300.0	
% Moisture	6.0	0.1	%	1	P8I1903	09/19/18	09/19/18	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.6	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: 1-Chlorooctane		117 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P8I2013	09/19/18	09/20/18	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	09/19/18	09/20/18	calc	

Permian Basin Environmental Lab, L.P.

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Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Organics by GC - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P8I1908 - General Preparation (GC)****Blank (P8I1908-BLK1)**

Prepared: 09/19/18 Analyzed: 09/20/18

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0575		"	0.0600		95.9	75-125			
Surrogate: 4-Bromofluorobenzene	0.0653		"	0.0600		109	75-125			

**LCS (P8I1908-BS1)**

Prepared: 09/19/18 Analyzed: 09/20/18

Benzene	0.106	0.00100	mg/kg wet	0.100		106	70-130			
Toluene	0.114	0.00100	"	0.100		114	70-130			
Ethylbenzene	0.115	0.00100	"	0.100		115	70-130			
Xylene (p/m)	0.238	0.00200	"	0.200		119	70-130			
Xylene (o)	0.115	0.00100	"	0.100		115	70-130			
Surrogate: 1,4-Difluorobenzene	0.0622		"	0.0600		104	75-125			
Surrogate: 4-Bromofluorobenzene	0.0711		"	0.0600		119	75-125			

**LCS Dup (P8I1908-BS1)**

Prepared: 09/19/18 Analyzed: 09/20/18

Benzene	0.107	0.00100	mg/kg wet	0.100		107	70-130	0.328	20	
Toluene	0.115	0.00100	"	0.100		115	70-130	1.11	20	
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130	4.08	20	
Xylene (p/m)	0.234	0.00200	"	0.200		117	70-130	1.89	20	
Xylene (o)	0.116	0.00100	"	0.100		116	70-130	0.407	20	
Surrogate: 4-Bromofluorobenzene	0.0746		"	0.0600		124	75-125			
Surrogate: 1,4-Difluorobenzene	0.0687		"	0.0600		115	75-125			

**Matrix Spike (P8I1908-MS1)**

Source: 8I18022-01

Prepared: 09/19/18 Analyzed: 09/21/18

Benzene	0.0756	0.00120	mg/kg dry	0.120	ND	62.7	80-120			QM-07
Toluene	0.0700	0.00120	"	0.120	ND	58.1	80-120			QM-07
Ethylbenzene	0.0709	0.00120	"	0.120	ND	58.8	80-120			QM-07
Xylene (p/m)	0.124	0.00241	"	0.241	ND	51.6	80-120			QM-07
Xylene (o)	0.0627	0.00120	"	0.120	ND	52.1	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	0.0820		"	0.0723		113	75-125			
Surrogate: 4-Bromofluorobenzene	0.0927		"	0.0723		128	75-125			S-GC

Permian Basin Environmental Lab, L.P.

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Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Organics by GC - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P8I1908 - General Preparation (GC)**

Matrix Spike Dup (P8I1908-MSD1)		Source: 8I18022-01		Prepared: 09/19/18		Analyzed: 09/21/18				
Benzene	0.0597	0.00120	mg/kg dry	0.120	ND	49.5	80-120	23.6	20	QM-07
Toluene	0.0533	0.00120	"	0.120	ND	44.3	80-120	27.0	20	QM-07
Ethylbenzene	0.0552	0.00120	"	0.120	ND	45.8	80-120	24.9	20	QM-07
Xylene (p/m)	0.103	0.00241	"	0.241	ND	42.8	80-120	18.7	20	QM-07
Xylene (o)	0.0490	0.00120	"	0.120	ND	40.6	80-120	24.6	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.0909		"	0.0723		126	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.0784		"	0.0723		108	75-125			

Permian Basin Environmental Lab, L.P.

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Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P8I1902 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P8I1902-BLK1)</b>				Prepared & Analyzed: 09/19/18						
Chloride	ND	1.00	mg/kg wet							
<b>LCS (P8I1902-BS1)</b>				Prepared & Analyzed: 09/19/18						
Chloride	404	1.00	mg/kg wet	400		101	80-120			
<b>LCS Dup (P8I1902-BSD1)</b>				Prepared & Analyzed: 09/19/18						
Chloride	404	1.00	mg/kg wet	400		101	80-120	0.0396	20	
<b>Duplicate (P8I1902-DUP1)</b>				<b>Source: 8I18012-07</b>		Prepared & Analyzed: 09/19/18				
Chloride	525	5.15	mg/kg dry		512			2.46	20	
<b>Duplicate (P8I1902-DUP2)</b>				<b>Source: 8I18014-07</b>		Prepared & Analyzed: 09/19/18				
Chloride	1410	27.5	mg/kg dry		1440			2.47	20	
<b>Matrix Spike (P8I1902-MS1)</b>				<b>Source: 8I18012-07</b>		Prepared & Analyzed: 09/19/18				
Chloride	1550	5.15	mg/kg dry	1030	512	101	80-120			

**Batch P8I1903 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P8I1903-BLK1)</b>				Prepared & Analyzed: 09/19/18						
% Moisture	ND	0.1	%							
<b>Duplicate (P8I1903-DUP1)</b>				<b>Source: 8I18004-08</b>		Prepared & Analyzed: 09/19/18				
% Moisture	7.0	0.1	%		7.0			0.00	20	
<b>Duplicate (P8I1903-DUP2)</b>				<b>Source: 8I18008-17</b>		Prepared & Analyzed: 09/19/18				
% Moisture	7.0	0.1	%		7.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P8I1903 - \*\*\* DEFAULT PREP \*\*\***

<b>Duplicate (P8I1903-DUP3)</b>	<b>Source: 8I18021-01</b>			Prepared & Analyzed: 09/19/18						
% Moisture	3.0	0.1	%		3.0			0.00	20	

**Batch P8I2002 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P8I2002-BLK1)</b>	Prepared: 09/20/18 Analyzed: 09/21/18									
Chloride	ND	1.00	mg/kg wet							

<b>LCS (P8I2002-BS1)</b>	Prepared & Analyzed: 09/20/18									
Chloride	401	1.00	mg/kg wet	400		100	80-120			

<b>LCS Dup (P8I2002-BSD1)</b>	Prepared & Analyzed: 09/20/18									
Chloride	403	1.00	mg/kg wet	400		101	80-120	0.654	20	

<b>Duplicate (P8I2002-DUP1)</b>	<b>Source: 8I18014-08</b>			Prepared & Analyzed: 09/20/18						
Chloride	125	1.08	mg/kg dry		118			5.83	20	

<b>Duplicate (P8I2002-DUP2)</b>	<b>Source: 8I18017-05</b>			Prepared & Analyzed: 09/20/18						
Chloride	6330	56.8	mg/kg dry		6190			2.13	20	

<b>Matrix Spike (P8I2002-MS1)</b>	<b>Source: 8I18014-08</b>			Prepared & Analyzed: 09/20/18						
Chloride	667	1.08	mg/kg dry	538	118	102	80-120			

Permian Basin Environmental Lab, L.P.

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Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch P8I2013 - TX 1005</b>										
<b>Blank (P8I2013-BLK1)</b>				Prepared: 09/19/18 Analyzed: 09/20/18						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	57.0		"	50.0		114	70-130			
<b>LCS (P8I2013-BS1)</b>				Prepared: 09/19/18 Analyzed: 09/20/18						
C6-C12	1070	25.0	mg/kg wet	1000		107	75-125			
>C12-C28	1070	25.0	"	1000		107	75-125			
Surrogate: 1-Chlorooctane	107		"	100		107	70-130			
Surrogate: o-Terphenyl	53.5		"	50.0		107	70-130			
<b>LCS Dup (P8I2013-BSD1)</b>				Prepared: 09/19/18 Analyzed: 09/20/18						
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125	0.824	20	
>C12-C28	1130	25.0	"	1000		113	75-125	5.86	20	
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	51.4		"	50.0		103	70-130			
<b>Duplicate (P8I2013-DUP1)</b>				<b>Source: 8I18017-05</b>		Prepared: 09/19/18 Analyzed: 09/20/18				
C6-C12	1820	142	mg/kg dry		1870			3.14	20	
>C12-C28	8910	142	"		9070			1.88	20	
Surrogate: 1-Chlorooctane	104		"	114		91.3	70-130			
Surrogate: o-Terphenyl	50.7		"	56.8		89.2	70-130			

Permian Basin Environmental Lab, L.P.

*The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.*

1400 Rankin HWY Midland, TX 79701 432-686-7235

Fasken Oil & Ranch, Ltd.  
6101 Holiday Hill Road  
Midland TX, 79707

Project: Shell Federal NO.2 SWD  
Project Number: [none]  
Project Manager: Aaron Pachlhofer

Fax: 43-687-1570

### Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

9/24/2018

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

*The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.*

1400 Rankin HWY Midland, TX 79701 432-686-7235



**PRBLAB**

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP  
10014 S. County Road 1213  
Midland, Texas 79706

Phone: 432-686-7235

Project Manager: Aaron Pachthofer

Project Name: Shell Federal No.2 SWD

Company Name: Fasken Oil and Ranch, Ltd

Project #:

Company Address: 6101 Holiday Hill Road

Project Loc: Eddy County, NM

City/State/Zip: Midland, TX 79707

PO #:

Telephone No: 432-687-1777

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

e-mail:

aaronp@forl.com

(lab use only)

ORDER #: 8118014

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO <sub>3</sub>	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 418.1 8015M 8015E	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO <sub>4</sub> , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Glycol	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	
07	Light Blue 1			9/14/2018	14:31			X									S	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08	Light Blue 2			9/14/2018	14:35			X									S	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	Light Blue 3			9/14/2018	14:40			X									S	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	Light Blue 4			9/14/2018	14:45			X										X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	Light Blue 5			9/14/2018	14:53			X										X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	Light Blue 6			9/14/2018	14:54			X										X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	Light Blue 7			9/14/2018	14:59			X										X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	Light Blue 8			9/14/2018	15:04			X										X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	Red 1			9/14/2018	15:10			X										X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	Red 2			9/14/2018	15:16			X										X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	Red 3			9/14/2018	15:21			X										X	X	X	X	X	X	X	X	X	X	X	X	X	X

Special Instructions:

Relinquished by: Aaron Pachthofer

Date: 9/18/18 Time: 1355

Received by:

Date: Date Time

Relinquished by:

Date: Date Time

Received by:

Date: Date Time

Relinquished by:

Date: Date Time

Received by:

Date: Date Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on Containers?

Custody seals on containers?

Sample Hand Delivered?

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 4.6 °C

C Factor: 0.4

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lone Ranger***NON-HAZARDOUS WASTE MANIFEST**NO **125992**1. PAGE      OF     2. TRAILER NO. **106**

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>		5. PICK-UP DATE <b>9/14/2018</b>		
	PHONE NO. <b>432-8971777</b>		CITY <b>Midland</b>	STATE <b>TX</b>	ZIP <b>79701</b>	6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>			<b>1</b> <b>CM</b>			
T R A N S P O R T E R S	b.						
	c.						
	d. <b>55,080</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL # 2 SWD</b>			13. WASTE PROFILE NO.			
D I S P O S I T Y	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
	15. <b>GENERATOR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME			SIGNATURE			DATE
D I S P O S I T Y	16. <b>TRANSPORTER (1)</b>			17. <b>TRANSPORTER (2)</b>			
	NAME: <b>TNT BACKHOE SERVICES</b>			NAME:			
	TEXAS I.D. NO.			TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> <b>(575) 385-7827</b>			IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T Y	EMERGENCY PHONE:			EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Scott Pin</i>			PRINTED/TYPED NAME			
	SIGNATURE <i>[Signature]</i> DATE <b>9/14/2018</b>			SIGNATURE DATE			
D I S P O S I T Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.		DATE <b>9/14/2018</b>		TIME <b>9:55</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lone Ranger***NON-HAZARDOUS WASTE MANIFEST**

NO

**125993**1. PAGE      OF     

2. TRAILER NO.

**102**

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>		5. PICK-UP DATE <b>9/14/2018</b>		
	PHONE NO. <b>432-6871777</b>		CITY <b>Midland</b>	STATE <b>TX.</b>	ZIP <b>79701</b>	6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>		<b>1</b>	<b>CM</b>			
T R A N S P O R T E R S	b.						
	c.						
	d. <b>49,080</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>		13. WASTE PROFILE NO.				
D I S P O S I T O R Y	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
	15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME		SIGNATURE		DATE		
T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>				
	NAME: <b>TNT BACKHOE SERVICES</b>		NAME:				
	TEXAS I.D. NO.		TEXAS I.D. NO.				
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> <b>(575) 385-7827</b>		IN CASE OF EMERGENCY CONTACT:				
D I S P O S I T O R Y	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material				
	PRINTED/TYPED NAME <b>Tamara Cole</b>		PRINTED/TYPED NAME				
	SIGNATURE <b>Tamara Cole</b> DATE <b>9/14/2018</b>		SIGNATURE DATE				
	10. COMMENTS						
D I S P O S I T O R Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE <b>Santos Gonzalez</b>		CELL NO.	DATE <b>9/14/2018</b>	TIME <b>10:30</b>		

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lone Ranger***NON-HAZARDOUS WASTE MANIFEST**

NO

**125823**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO.

**102**

G

## 3. COMPANY NAME

**Fasken Oil & Ranch LTD**

## 4. ADDRESS

**303 W. Wall St Suite 1800**

## 5. PICK-UP DATE

**9/10/2018**

## PHONE NO.

**432-8871777**

## CITY

**Midland**

## STATE

**TX.**

## ZIP

**79701**

## 6. TNRCC I.D. NO.

E

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non Hazardous Waste**

## 8. CONTAINERS

No.

Type

## 9. TOTAL QUANTITY

## 10. UNIT Wt/Vol.

## 11. TEXAS WASTE ID #

N

**1****CM**

E

b.

c.

R

d.

**52,980 56,660**

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

**SHELL FEDERAL #2 SWD**

## 13. WASTE PROFILE NO.

A

*to 109,640*

T

## 14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

## NAME

**Joe Ontiveros**

## PHONE NO.

**575-887-4048**

## 24-HOUR EMERGENCY NO.

O

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

T

## 16.

**TRANSPORTER (1)****TNT BACKHOE SERVICES**

## NAME:

## TEXAS I.D. NO.

**RAY MARTIN**

## IN CASE OF EMERGENCY CONTACT:

**(575) 365-7827**

## EMERGENCY PHONE:

## 17.

**TRANSPORTER (2)**

## NAME:

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

## EMERGENCY PHONE:

R

## 18. TRANSPORTER (1): Acknowledgment of receipt of material

## PRINTED/TYPED NAME

*R. Gutierrez*

## SIGNATURE

*R. Gutierrez*

## DATE

**3/10/2015**

D

## PERMIT NO.

**WM-01-035 - New Mexico**

## ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

## PHONE:

**575-887-4048**

F

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## 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

## AUTHORIZED SIGNATURE

*Santos Montalvo*

## CELL NO.

## DATE

**9/10/2018**

## TIME

**10:40**

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5



**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Soh

**NON-HAZARDOUS WASTE MANIFEST**

NO

125824

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

047

GENERATOR'S CERTIFICATION

3. COMPANY NAME  
**Fasken Oil & Ranch LTD**PHONE NO.  
**432-6871777**4. ADDRESS  
**303 W. Wall St Suite 1800**CITY  
**Midland**STATE  
**TX.**ZIP  
**79701**5. PICK-UP DATE  
**9/10/2018**

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non Hazardous Waste**8. CONTAINERS  
No. Type**1 CM**9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #12. COMMENTS OR SPECIAL INSTRUCTIONS:  
**SHELL FEDERAL #2 SWD**

13. WASTE PROFILE NO.

TP 93,920

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME  
**Joe Ontiveros**PHONE NO.  
**575-887-4048**

24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

TRANSPORTER'S CERTIFICATION

16. **TRANSPORTER (1)**  
**TNT BACKHOE SERVICES**

NAME:

TEXAS I.D. NO.

**RAY MARTIN**

IN CASE OF EMERGENCY CONTACT:

**(575) 365-7827**

EMERGENCY PHONE:

17. **TRANSPORTER (2)**

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

**SANTIAGO Lopez****3/10/2015**

SIGNATURE

**Santiago Lopez**

DATE

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

DISPOSAL SITE CERTIFICATION

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

**WM-01-035 - New Mexico**

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

**Santos Gonzalez**

CELL NO.

DATE

**9/10/2018**

TIME

**11:00**

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5



**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

**NON-HAZARDOUS WASTE MANIFEST**

NO

**125825**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **11**GENERATOR  
E  
N  
E  
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O  
R3. COMPANY NAME  
**Pasken Oil & Ranch LTD**4. ADDRESS  
**305 W. Wall St Suite 1800**5. PICK UP DATE  
**9/10/2018**PHONE NO.  
**432-8871777**CITY  
**Midland**STATE  
**TX.**ZIP  
**79701**

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non Hazardous Waste**

8. CONTAINERS

No.

Type

9. TOTAL

QUANTITY

10. UNIT

Wt/Vol.

11. TEXAS

WASTE ID #

a.

c.

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

**SHELL FEDERAL #2 SWD**

13. WASTE PROFILE NO.

14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT****Joe Ontiveros****575-887-4048**

24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

TRANSPORTERS

16.

**TRANSPORTER (1)  
TNT BACKHOE SERVICES**

NAME:

TEXAS I.D. NO.

**RAY MARTIN**

IN CASE OF EMERGENCY CONTACT:

**(575) 365-7827**

EMERGENCY PHONE:

17.

**TRANSPORTER (2)**

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

**Jorge Sanchez****3/10/2015**

SIGNATURE

DATE

PRINTED/TYPED NAME

SIGNATURE

DATE

DISPOSAL

**Lea Land, LLC**

ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM**

PHONE:

**575-887-4048**

PERMIT NO.

**WM-01-035 - New Mexico**

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

**Santos****Monzalez****3/10/2018****11:40**

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

BJD  
04**NON-HAZARDOUS WASTE MANIFEST**NO **125826**

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO. **04**G  
E  
N  
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R3. COMPANY NAME  
**Fasken Oil & Ranch LTD.**4. ADDRESS  
**303 W. Wall St Suite 1800**5. PICK UP DATE  
**9/10/2018**PHONE NO.  
**432-8871777**CITY  
**Midland**STATE  
**TX**ZIP  
**79701**

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. **Non-Regulated, Non-Hazardous Waste**8. CONTAINERS  
No. **1** Type **CM**9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #

b.

c.

d. **49,020 48,920**12. COMMENTS OR SPECIAL INSTRUCTIONS:  
**SHELL FEDERAL #2 SWD**

13. WASTE PROFILE NO.

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT****Joe Ontiveros****575-887-4048**

24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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S16. **TRANSPORTER (1)**  
**TNT BACKHOE SERVICES**

NAME:

TEXAS I.D. NO.

**RAY MARTIN**

IN CASE OF EMERGENCY CONTACT:

**(575) 365-7827**

EMERGENCY PHONE:

17. **TRANSPORTER (2)**

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

**RAUL ALVARADO****3/10/2015**

SIGNATURE

**Raul Alvarado**

DATE

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

**WM-01-035 - New Mexico**

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

**Santos Gonzalez**

CELL NO.

DATE

**9/10/2018**

TIME

**11:15**

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lone Ranger***NON-HAZARDOUS WASTE MANIFEST**

NO

**125827**

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

**106**

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>305 W. Wall St Suite 1800</b>		5. PICK-UP DATE <b>9/10/2018</b>		
	PHONE NO. <b>432-8871777</b>		CITY <b>Midland</b>	STATE <b>TX.</b>	ZIP <b>79701</b>	6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>			<b>1</b> <b>CM</b>			
T R A N S P O R T E R S	b.						
	c.						
	d. <b>55,980 51,120</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>			13. WASTE PROFILE NO.			
D I S P O S I T Y	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
	NAME <b>Joe Ontiveros</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME			SIGNATURE		DATE	
D I S P O S I T Y	16. <b>TRANSPORTER (1)</b> <b>TNT BACKHOE SERVICES</b>			17. <b>TRANSPORTER (2)</b>			
	NAME:			NAME:			
	TEXAS I.D. NO.			TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T Y	EMERGENCY PHONE: <b>(575) 385-7827</b>			EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <b>Tamra Cole</b>			PRINTED/TYPED NAME			
	SIGNATURE <b>Tamra Cole</b> DATE <b>3/10/2015</b>			SIGNATURE DATE			
D I S P O S I T Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS				
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE <b>Santos Gonzalez</b>		CELL NO.		DATE <b>9/10/2018</b>	TIME <b>12:00</b>	

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

RJD

**NON-HAZARDOUS WASTE MANIFEST**

NO

125874

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO.

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## 3. COMPANY NAME

**Fasken Oil & Ranch LTD**  
PHONE NO.

432-8874777

## 4. ADDRESS

303 W. Wall St Suite 1800

CITY

STATE

ZIP

Midland

TX.

79701

## 5. PICK-UP DATE

9/11/2018

## 6. TNRCC I.D. NO.

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. **Non-Regulated, Non Hazardous Waste**

b.

c.

d.

49,120 48,420

8. CONTAINERS  
No. Type

1

CM

9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

**SHELL FEDERAL #2 SWD**

To 94,540

## 13. WASTE PROFILE NO.

## 14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME

PHONE NO

24-HOUR EMERGENCY NO.

**JOE ONTIVEROS****575-887-4048**15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

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S16. **TRANSPORTER (1)**

NAME:

**TNT BACKHOE SERVICES**

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

**RAY MARTIN**

EMERGENCY PHONE:

**(575) 365-7827**18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

**RAUL ALVARADO**

SIGNATURE

**Raul Alvarado**

DATE

**9/11/2018**17. **TRANSPORTER (2)**

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

**Santos Monzalez****/****9/11/2018****10:15**

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Hernandez***NON-HAZARDOUS WASTE MANIFEST**NO **125875**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **1**

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>		5. PICK-UP DATE <b>9/11/2018</b>		
	PHONE NO. <b>432-8871777</b>		CITY <b>Midland</b>	STATE <b>TX.</b>	ZIP <b>79701</b>	6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>			<b>1</b> <b>CM</b>			
T R A N S P O R T E R S	b.						
	c.						
	d. <b>26,320 30,200</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>			13. WASTE PROFILE NO. <b>To 56,520</b>			
D I S P O S I T A L Y	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
	NAME <b>JOE.ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME			SIGNATURE			DATE
D I S P O S I T A L Y	16. <b>TRANSPORTER (1)</b>			17. <b>TRANSPORTER (2)</b>			
	NAME: <b>TNT BACKHOE SERVICES</b>			NAME:			
	TEXAS I.D. NO.			TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>			IN CASE OF EMERGENCY CONTACT:			
D I S P O S I T A L Y	EMERGENCY PHONE: <b>(575) 365-7827</b>			EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <b>LPHernandez</b>			PRINTED/TYPED NAME			
	SIGNATURE <b>[Signature]</b> DATE <b>9/11/2018</b>			SIGNATURE DATE			
D I S P O S I T A L Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE <b>[Signature]</b>		CELL NO.		DATE <b>9/11/2018</b>	TIME <b>10:20</b>	

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5



**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Arroyo's*

<b>NON-HAZARDOUS WASTE MANIFEST</b>		NO	<b>125876</b>		1. PAGE ___ OF ___	2. TRAILER NO. <i>white</i>	
G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>			5. PICK-UP DATE <b>9/11/2018</b>	
	PHONE NO. <b>432-8871777</b>		CITY STATE ZIP <b>Midland TX. 79701</b>			6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non-Hazardous Waste</b>			<b>1 CM</b>			
	b.						
T R A N S P O R T E R S	c.						
	d. <b>22,120 23,380</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>				13. WASTE PROFILE NO.		
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>				24-HOUR EMERGENCY NO.		
	NAME PHONE NO. <b>JOE ONTIVEROS 575-887-4048</b>						
D I S C P I O L S I T Y	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME		SIGNATURE		DATE		
	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>				
	NAME: <b>TNT BACKHOE SERVICES</b>		NAME:				
	TEXAS I.D. NO.		TEXAS I.D. NO.				
IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>		IN CASE OF EMERGENCY CONTACT:					
EMERGENCY PHONE: <b>(575) 365-7827</b>		EMERGENCY PHONE:					
18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material					
PRINTED/TYPED NAME <i>Juan Arroyo</i>		PRINTED/TYPED NAME					
SIGNATURE <i>Juan Arroyo</i> DATE <b>9/11/2018</b>		SIGNATURE DATE					
D I S C P I O L S I T Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM			PHONE: 575-887-4048	
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS				
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE <i>Santos Gonzalez</i>		CELL NO.		DATE <b>9/11/2018</b>		TIME <b>10:30</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Galilea's***NON-HAZARDOUS WASTE MANIFEST**NO **125877**1. PAGE     OF    2. TRAILER NO. **1**G  
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## 3. COMPANY NAME

**Fasken Oil & Ranch LTD**

PHONE NO.

**432-6871777**

## 4. ADDRESS

**303 W. Wall St Suite 1800**

CITY

**Midland**

STATE

**TX.**

ZIP

**79701**

## 5. PICK-UP DATE

**9/11/2018**

## 6. TNRC ID. NO.

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non Hazardous Waste**

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c.

d. **33,560 35,080**

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

**SHELL FEDERAL #2 SWD***TO 108/140*

## 13. WASTE PROFILE NO.

## 14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

## NAME

**JOE ONTIVEROS**

## PHONE NO

**575-887-4048**

## 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

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## 16.

**TRANSPORTER (1)**

## NAME:

**TNT BACKHOE SERVICES**

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

**RAY MARTIN**

## EMERGENCY PHONE:

**(575) 365-7827**18. **TRANSPORTER (1):** Acknowledgment of receipt of material

## PRINTED/TYPED NAME

*Gerardo Quintana*

## SIGNATURE

*Gerardo Quintana*

## DATE

**9/11/2018**

## 17.

**TRANSPORTER (2)**

## NAME:

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

## EMERGENCY PHONE:

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

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Y**Lea Land, LLC**

## ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM**

## PHONE:

**575-887-4048**

## PERMIT NO.

**WM-01-035 - New Mexico**

## 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

## AUTHORIZED SIGNATURE

*Santos Montalvo*

## CELL NO.

## DATE

**9/11/2018**

## TIME

**10:35**

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lone Ranger***NON-HAZARDOUS WASTE MANIFEST**NO **125878**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **102**

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		303 W. Wall St Suite 1800		5. DATE <b>9/11/2018</b>	
	PHONE NO. <b>432-6871777</b>		CITY <b>Midland</b>	STATE <b>TX.</b>	ZIP <b>79701</b>	6. TNRCC I.D. NO.
	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>				8. CONTAINERS No. <b>1</b> Type <b>CM</b>	9. TOTAL QUANTITY
						10. UNIT Wt/Vol.
R E C E I V E R						11. TEXAS WASTE ID #
	b.					
	c.					
	d. <b>52,940 49,480</b>					
A U T H O R I Z E D	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>				13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME <b>JOE ONTIVEROS</b> PHONE NO. <b>575-887-4048</b>				24-HOUR EMERGENCY NO.	
T R A N S P O R T E R S	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME		SIGNATURE		DATE	
	16. TRANSPORTER (1) <b>TNT BACKHOE SERVICES</b>		17. TRANSPORTER (2)			
	NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
D I S P O S I T O R Y	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <b>Tamra Cole</b>		PRINTED/TYPED NAME			
	SIGNATURE <b>Tamra Cole</b> DATE <b>9/11/2018</b>		SIGNATURE DATE			
D I S P O S I T O R Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <b>Antar Gonzalez</b>		CELL NO.		DATE <b>9/11/2018</b>	TIME <b>10:55</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

**NON-HAZARDOUS WASTE MANIFEST**

NO

**125879**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO.

**106**

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W Wall St Suite 1800</b>		5. PICKUP DATE <b>9/11/2018</b>	
	PHONE NO. <b>432-6871777</b>		CITY <b>Midland</b>	STATE <b>TX.</b>	ZIP <b>79701</b>	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type		9. TOTAL QUANTITY	10. UNIT Wt/Vol
	<b>Non-Regulated, Non Hazardous Waste</b>		<b>1 CM</b>			
<b>R E C E I V E R</b>	b.					
	c.					
	d. <b>52,640 51,160</b>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>		13. WASTE PROFILE NO. <b>re 163,800</b>			
<b>A C T I V E</b>	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME <b>JOE MONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME			SIGNATURE		
<b>T R A N S P O R T E R S</b>	16. TRANSPORTER (1) <b>TNT BACKHOE SERVICES</b>			17. TRANSPORTER (2)		
	NAME:			NAME:		
	TEXAS I.D. NO.			TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>			IN CASE OF EMERGENCY CONTACT:		
<b>D I S P O S I T Y</b>	EMERGENCY PHONE: <b>(575) 365-7827</b>			EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED/TYPED NAME <b>[Signature]</b>			PRINTED/TYPED NAME		
	SIGNATURE <b>[Signature]</b>			SIGNATURE		
<b>D I S P O S I T Y</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <b>[Signature]</b>		CELL NO. <b>[Signature]</b>		DATE <b>9/11/2018</b>	TIME <b>11:00</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Sigalas***NON-HAZARDOUS WASTE MANIFEST**

NO

**125880**

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

*01*G  
E  
N  
E  
R  
A  
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O  
R3. COMPANY NAME  
**Fasken Oil & Ranch LTD**PHONE NO.  
**432-8871777**4. ADDRESS  
**405 W. Main St Suite 1800**CITY  
**Midland**STATE  
**TX**ZIP  
**79701**5. PICKUP DATE  
**9/11/2018**

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non Hazardous Waste**8. CONTAINERS  
No. Type  
**1 CM**9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #

b.

c.

d. **29,640 30,520**12. COMMENTS OR SPECIAL INSTRUCTIONS:  
**SHELL FEDERAL #2 SWD***TP LED/LD*

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME  
**JOE ONTIVEROS**PHONE NO.  
**575-887-4048**

24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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S16. TRANSPORTER (1)  
NAME: **TNT BACKHOE SERVICES**

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

**RAY MARTIN**

EMERGENCY PHONE:

**(575) 385-7827**

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

*Antonio Sigalas*

SIGNATURE

*Antonio Sigalas*

DATE

**9/11/2018**

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

PHONE:

**575-887-4048**

PERMIT NO.

**WM-01-035 - New Mexico**

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

*Santos Gonzalez*

CELL NO.

DATE

**9/11/2018**

TIME

*11:10*

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5



**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Sigalas*  
*02***NON-HAZARDOUS WASTE MANIFEST**NO **125881**1. PAGE      OF     2. TRAILER NO. *02*

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>	4. ADDRESS <b>305 W. Wall St Suite 1800</b>	5. PICK-UP DATE <b>9/11/2018</b>			
	PHONE NO. <b>432-8871777</b>	CITY <b>Midland</b>	STATE <b>TX.</b>	ZIP <b>79701</b>	6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>		<b>1 CM</b>			
<b>R E C E I V E R</b>	b.					
	c.					
	d. <i>23480 27,220</i>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>		13. WASTE PROFILE NO. <i>Te 50700</i>			
<b>T R A N S P O R T E R S</b>	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>					
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME		SIGNATURE		DATE	
<b>D I S P O S I T O R</b>	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>			
	NAME: <b>TNT BACKHOE SERVICES</b>		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>		IN CASE OF EMERGENCY CONTACT:			
<b>F A C I L I T Y</b>	EMERGENCY PHONE: <b>(575) 365-7827</b>		EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <i>Jose Amayo</i>		PRINTED/TYPED NAME			
	SIGNATURE <i>Jose Amayo</i> DATE <b>9/11/2018</b>		SIGNATURE DATE			
<b>L E A L A N D</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <i>Santa Gonzalez</i>		CELL NO.		DATE <b>9/11/2018</b>	TIME <b>11:15</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Soh

**NON-HAZARDOUS WASTE MANIFEST**

NO

125882

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

D47

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD.</b> PHONE NO. <b>432-8871777</b>	4. ADDRESS <b>303 W. Wall St Suite 1800</b> CITY <b>Midland</b> STATE <b>TX.</b> ZIP <b>79701</b>	5. PICK-UP DATE <b>9/11/2018</b>		
	6. TNRCC I.D. NO.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>	<b>1 CM</b>			
A T T R I B U T E R	b.				
	c.				
	d. <b>46,420 48,220</b>				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>		13. WASTE PROFILE NO. <b>to 946,40</b>		
T R A N S P O R T E R	14. IN CASE OF EMERGENCY OR SPILL, CONTACT				
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC				
	PRINTED/TYPED NAME		SIGNATURE		DATE
D I S C I P L I N A R Y	16. TRANSPORTER (1) NAME: <b>TNT BACKHOE SERVICES</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> EMERGENCY PHONE: <b>(575) 385-7827</b>		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <b>Sanjago Lopez</b> SIGNATURE <b>Sanjago Lopez</b> DATE <b>9/11/2018</b>		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE		
	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS		
L E A L A N D	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE <b>Antonio Gonzalez</b>		CELL NO.	DATE <b>9/11/2018</b>	TIME <b>11:35</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

A10N

<b>NON-HAZARDOUS WASTE MANIFEST</b>		NO	<b>125883</b>		1. PAGE ____ OF ____	2. TRAILER NO. <b>11</b>	
GENERATOR	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b> PHONE NO. <b>432-8874777</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b> CITY <b>Midland</b> STATE <b>TX.</b> ZIP <b>79701</b>			5. PICK-UP DATE <b>9/11/2018</b>	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.
	a. <b>Non-Regulated, Non Hazardous Waste</b>			No.	Type		
	b.						
	c.						
RECEIVER	d. <b>42,760 46,680</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>					13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT						
TRANSPORTER	NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
	15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME			SIGNATURE		DATE	
TRANSPORTER	16. TRANSPORTER (1)			17. TRANSPORTER (2)			
	NAME: <b>TNT BACKHOE SERVICES</b>			NAME:			
	TEXAS I.D. NO.			TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>			IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: <b>(575) 385-7827</b>			EMERGENCY PHONE:			
DISPOSAL SITE	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <b>Jorge Sanchez</b>			PRINTED/TYPED NAME			
	SIGNATURE <b>[Signature]</b> DATE <b>9/11/2018</b>			SIGNATURE DATE			
DISPOSAL SITE	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
DISPOSAL SITE	AUTHORIZED SIGNATURE <b>[Signature]</b>		CELL NO.		DATE <b>9/11/2018</b>		TIME <b>12:05</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Limon's  
OK**NON-HAZARDOUS WASTE MANIFEST**

NO

125884

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO.

G

3. COMPANY NAME

Fasken Oil & Ranch LTD  
PHONE NO.

4. ADDRESS

303 W. Wall St Suite 1800

CITY

STATE

ZIP

5. PICK-UP DATE

9/11/2018

6. TNRCC I.D. NO.

E

432-887-1777

Midland

TX.

78704

N

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

8. CONTAINERS  
No. Type

1

CM

9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #

E

c.

R

d. 32,560 28,320

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

SHELL FEDERAL #2 SWD

13. WASTE PROFILE NO.

T

14. NAME

IN CASE OF EMERGENCY OR SPILL, CONTACT

PHONE NO

24-HOUR EMERGENCY NO.

JOE ONTIVEROS

575-887-4048

O

15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16. TRANSPORTER (1)

NAME:

TNT BACKHOE SERVICES

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

RAY MARTIN

EMERGENCY PHONE:

(575) 385-7827

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

Luis Limon

SIGNATURE

Luis Limon

DATE

9/11/2018

R

17. TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Miguel Gonzalez

9/11/2018

12:10

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Pallares*

<b>NON-HAZARDOUS WASTE MANIFEST</b>		NO	<b>125885</b>		1. PAGE ___ OF ___	2. TRAILER NO. <b>4</b>	
G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b> PHONE NO. <b>432-8874777</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b> CITY <b>Midland</b> STATE <b>TX</b> ZIP <b>79701</b>		5. PICK-UP DATE <b>9/11/2018</b>		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. <b>Non-Regulated, Non-Hazardous Waste</b>		1. <b>CM</b>				
	b.						
	c.						
R A T E R	d. <b>49,260</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>				13. WASTE PROFILE NO.		
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
T R A N S P O R T E R S	NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
	15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME		SIGNATURE		DATE		
T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>				
	NAME: <b>TNT BACKHOE SERVICES</b>		NAME:				
	TEXAS I.D. NO.		TEXAS I.D. NO.				
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>		IN CASE OF EMERGENCY CONTACT:				
D I S P O S I T O R Y	EMERGENCY PHONE: <b>(575) 386-7827</b>		EMERGENCY PHONE:				
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material				
	PRINTED/TYPED NAME <b>Ramon Pallares</b>		PRINTED/TYPED NAME				
	SIGNATURE <b>Ramon Pallares</b> DATE <b>9/11/2018</b>		SIGNATURE DATE				
D I S P O S I T O R Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM			PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE <b>Santos Gonzalez</b>		CELL NO.		DATE <b>9/11/2018</b>		TIME <b>12:30</b>

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5



**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*C. A. Martinez***NON-HAZARDOUS WASTE MANIFEST**NO **125886**1. PAGE      OF     2. TRAILER NO. **2**

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b> PHONE NO. <b>432-887-1777</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b> CITY <b>Midland</b> STATE <b>TX</b> ZIP <b>79701</b>		5. PICK-UP DATE <b>9/11/2018</b>	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type		9. TOTAL QUANTITY	10. UNIT Wt/Vol.
	a. <b>Non-Regulated, Non Hazardous Waste</b>		<b>1</b> <b>CM</b>			
	b. <b>49,020 47,980</b>					
T R A N S P O R T E R S	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>		13. WASTE PROFILE NO. <b>97000</b>			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
D I S P O S I T A L Y	PRINTED/TYPED NAME		SIGNATURE		DATE	
	16. TRANSPORTER (1) NAME: <b>TNT BACKHOE SERVICES</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> EMERGENCY PHONE: <b>(575) 365-7827</b>		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <b>David Hornsby</b> SIGNATURE <i>David Hornsby</i> DATE <b>9/11/2018</b>		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE			
	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
D I S P O S I T A L Y	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <i>Santos Gonzalez</i>		CELL NO.		DATE <b>9/11/2018</b>	TIME <b>12:30</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

H.B.

**NON-HAZARDOUS WASTE MANIFEST**NO **125887**

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO. **14**

G

## 3. COMPANY NAME

**Fasken Oil & Ranch LTD**  
PHONE NO.

## 4. ADDRESS

**303 W. Wall St Suite 1800**

CITY

STATE

ZIP

## 5. PICK-UP DATE

**9/11/2018**

## 6. TNRCC I.D. NO.

E

**432-8871777****Midland****TX.****78701**

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS  
No. Type9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #

N

a. **Non-Regulated, Non Hazardous Waste****1****CM**

E

b.

R

d. **30,720 27,360**

A

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

**SHELL FEDERAL #2 SWD****TE 58080**

## 13. WASTE PROFILE NO.

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## 14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME

PHONE NO

24-HOUR EMERGENCY NO.

**JOE ONTIVEROS****575-887-4048**

O

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

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16. **TRANSPORTER (1)**

NAME:

**TNT BACKHOE SERVICES**

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

**RAY MARTIN**

EMERGENCY PHONE:

**(575) 365-7827**17. **TRANSPORTER (2)**

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

**Carlos Antonio**

SIGNATURE

DATE

**9/11/2018**19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Y**Lea Land, LLC**

ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM**

PHONE:

**575-887-4048**

PERMIT NO.

**WM-01-035 - New Mexico**

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

**Sanja Gonzalez****9/11/2018****12:40**

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Galileas

## NON-HAZARDOUS WASTE MANIFEST

NO 125888

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. 1

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD.</b> PHONE NO. <b>432-8874777</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b> CITY <b>Midland</b> STATE <b>TX</b> ZIP <b>79701</b>		5. PICK-UP DATE <b>9/12/2018</b>	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type		9. TOTAL QUANTITY	
	a. <b>Non-Regulated, Non Hazardous Waste</b>		1		CM	
	b. <b>21,740 21,720</b>					
A D I S P O S I T Y	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>		13. WASTE PROFILE NO.		11. TEXAS WASTE ID #	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME <b>JOE ONTIVEROS</b> PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.			
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME		SIGNATURE		DATE	
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: <b>TNT BACKHOE SERVICES</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> EMERGENCY PHONE: <b>(575) 365-7827</b>		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		18. TRANSPORTER (1): Acknowledgment of receipt of material	
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <b>Gerald Quintana</b>		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME			
	SIGNATURE <b>Gerald Quintana</b> DATE <b>9/12/2018</b>		SIGNATURE		DATE	
	16. TRANSPORTER (1) NAME: <b>TNT BACKHOE SERVICES</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> EMERGENCY PHONE: <b>(575) 365-7827</b>		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		18. TRANSPORTER (1): Acknowledgment of receipt of material	
D I S P O S I T Y	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <b>Santos Gonzalez</b>		CELL NO.		DATE <b>9/12/2018</b>	

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

**NON-HAZARDOUS WASTE MANIFEST**NO **125889**1. PAGE      OF     2. TRAILER NO. **047**

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b> PHONE NO. <b>432-8874777</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b> CITY <b>Midland</b> STATE <b>TX.</b> ZIP <b>79701</b>		5. PICK-UP DATE <b>9/13/2018</b>	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS		9. TOTAL QUANTITY	
	a. <b>Non-Regulated Non Hazardous Waste</b>		No. <b>1</b> Type <b>CM</b>		10. UNIT Wt/Vol.	
	b. <b>45,220 44,940</b>				11. TEXAS WASTE ID #	
<b>A T O R</b>	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>		13. WASTE PROFILE NO.			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME <b>JOE ONTIVEROS</b>		PHONE NO <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
<b>T R A N S P O R T E R S</b>	PRINTED/TYPED NAME		SIGNATURE		DATE	
	16. TRANSPORTER (1) NAME: <b>TNT BACKHOE SERVICES</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> EMERGENCY PHONE: <b>(575) 385-7827</b>		17. TRANSPORTER (2) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <b>SANTIAGO LOPEZ</b> SIGNATURE <b>Santiago Lopez</b> DATE <b>9/13/2018</b>		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE			
<b>D I S C O L S I T Y</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <b>Santos Gonzalez</b>		CELL NO.		DATE <b>9/13/2018</b>	
				TIME <b>12:20</b>		

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Alon*

<b>NON-HAZARDOUS WASTE MANIFEST</b>		NO	125921		1. PAGE	OF	2. TRAILER NO.	11	
GENERATOR	3. COMPANY NAME <b>Easken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>			5. PICK-UP DATE <b>9/12/2018</b>			
	PHONE NO. <b>432-887-1777</b>		CITY <b>Midland</b> STATE <b>TX.</b> ZIP <b>79701</b>			6. TNRCC I.D. NO.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS		9. TOTAL	10. UNIT	11. TEXAS	
				No. Type		QUANTITY	Wt/Vol.	WASTE ID #	
	a. <b>Non-Regulated, Non-Hazardous Waste</b>			1 CM					
RECEIVER	b.								
	c.								
	d. <b>41,360 45760</b>								
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>			13. WASTE PROFILE NO. <b>87,120</b>					
TRANSPORTER	14. IN CASE OF EMERGENCY OR SPILL, CONTACT								
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>			24-HOUR EMERGENCY NO.			
DISPOSAL SITE	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC								
	PRINTED/TYPED NAME				SIGNATURE			DATE	
TRANSPORTER (1)	16. TRANSPORTER (1)				17. TRANSPORTER (2)				
	NAME: <b>TNT BACKHOE SERVICES</b>				NAME:				
	TEXAS I.D. NO.				TEXAS I.D. NO.				
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>				IN CASE OF EMERGENCY CONTACT:				
TRANSPORTER (2)	EMERGENCY PHONE: <b>(575) 385-7827</b>				EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material				19. TRANSPORTER (2): Acknowledgment of receipt of material				
	PRINTED/TYPED NAME <b>Jorge Sanchez</b>				PRINTED/TYPED NAME				
	SIGNATURE <i>[Signature]</i> DATE <b>9/12/2018</b>				SIGNATURE DATE				
DISPOSAL SITE	Lea Land, LLC		ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>			PHONE: <b>575-887-4048</b>			
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS						
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.								
DISPOSAL SITE	AUTHORIZED SIGNATURE <i>[Signature]</i>			CELL NO.		DATE <b>9/12/2018</b>		TIME <b>10:15</b>	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5



**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

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**NON-HAZARDOUS WASTE MANIFEST**

NO

125922

1. PAGE OF

2. TRAILER NO.

04

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b> PHONE NO. <b>432-8871777</b>	4. ADDRESS <b>303 W. Wall St Suite 1800</b> CITY <b>Midland</b> STATE <b>TX.</b> ZIP <b>79701</b>	5. PICK-UP DATE <b>9/12/2018</b>	
			6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.
	<b>Non-Regulated, Non Hazardous Waste</b>	<b>1 CM</b>		
	b.			
	c.			
	d. <b>44,100 44,020</b>			
A T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL # 2 SWD</b>		13. WASTE PROFILE NO. <b>To 85120</b>	
	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>			
	NAME <b>JOE ONTIVEROS</b>	PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO.	
R E C E I V E R	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC			
	PRINTED/TYPED NAME	SIGNATURE		DATE
T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b> NAME: <b>INT BACKHOE SERVICES</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> EMERGENCY PHONE: <b>(575) 385-7827</b>		17. <b>TRANSPORTER (2)</b> NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:	
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME <b>RAUL ALVARADO</b> SIGNATURE <b>Raul Alvarado</b> DATE <b>9/12/2018</b>		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE	
	16. <b>TRANSPORTER (1)</b> NAME: <b>INT BACKHOE SERVICES</b> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> EMERGENCY PHONE: <b>(575) 385-7827</b>		17. <b>TRANSPORTER (2)</b> NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:	
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME <b>RAUL ALVARADO</b> SIGNATURE <b>Raul Alvarado</b> DATE <b>9/12/2018</b>		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME SIGNATURE DATE	
D I S P O S I T O R Y	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048
	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS		
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.			
	AUTHORIZED SIGNATURE <b>Santa Gonzalez</b>	CELL NO.	DATE <b>9/12/2018</b>	TIME <b>10:00</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*C&A Martinez*

<b>NON-HAZARDOUS WASTE MANIFEST</b>		NO	<b>125923</b>		1. PAGE <u>  </u> OF <u>  </u>	2. TRAILER NO. <u>  2  </u>	
<b>G E N E R A T O R</b>	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>			5. PICK-UP DATE <b>9/12/2018</b>	
	PHONE NO. <b>432-8871777</b>		CITY STATE ZIP <b>Midland TX. 79701</b>			6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>			<b>1 CM</b>			
	b.						
<b>R E C E I V E R</b>	c.						
	d. <b>37080 36940</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>				13. WASTE PROFILE NO.		
	<b>TO 74020</b>						
<b>T R A N S P O R T E R</b>	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
<b>O F F I C I A L</b>	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME			SIGNATURE		DATE	
<b>T R A N S P O R T E R S</b>	16. <b>TRANSPORTER (1)</b>			17. <b>TRANSPORTER (2)</b>			
	NAME: <b>TNT BACKHOE SERVICES</b>			NAME:			
	TEXAS I.D. NO.			TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>			IN CASE OF EMERGENCY CONTACT:			
<b>D I S C O L D I N G</b>	EMERGENCY PHONE: <b>(575) 365-7827</b>			EMERGENCY PHONE:			
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <b>David Hornsby</b>			PRINTED/TYPED NAME			
	SIGNATURE <i>David Hornsby</i> DATE <b>9/12/2018</b>			SIGNATURE DATE			
<b>D I S C O L D I N G</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE <i>Santa Gonzalez</i>		CELL NO.		DATE 9/12/2018		TIME 3:10

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lone Ranger*  
*106***NON-HAZARDOUS WASTE MANIFEST**NO **125924**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO.

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## 3. COMPANY NAME

**Fasken Oil & Ranch LTD**

## PHONE NO.

**432-8871777**

## 4. ADDRESS

**303 W. Wall St Suite 1800**

## CITY

**Midland**

## STATE

**TX.**

## ZIP

**79701**

## 5. PICK-UP DATE

**9/12/2018**

## 6. TNRCC I.D. NO.

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non Hazardous Waste**

b.

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d.

*41,000 46,920*

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

**SHELL FEDERAL #2 SWD***TC 84,920*

## 13. WASTE PROFILE NO.

## 14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

## NAME

**JOE ONTIVEROS**

## PHONE NO

**575-887-4048**

## 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

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## 16.

**TRANSPORTER (1)**

## NAME:

**TNT BACKHOE SERVICES**

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

**RAY MARTIN**

## EMERGENCY PHONE:

**(575) 365-7827**18. **TRANSPORTER (1):** Acknowledgment of receipt of material

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

**9/12/2018**

## 17.

**TRANSPORTER (2)**

## NAME:

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

## EMERGENCY PHONE:

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

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Y**Lea Land, LLC**

## ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM**

## PHONE:

**575-887-4048**

## PERMIT NO.

**WM-01-035 - New Mexico**

## 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

## AUTHORIZED SIGNATURE

## CELL NO.

## DATE

## TIME

**9/12/2018****10:50**

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lone Ranger*  
*102***NON-HAZARDOUS WASTE MANIFEST**

NO

**125925**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO.

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>		5. PICK-UP DATE <b>9/12/2018</b>	
	PHONE NO. <b>432-687-1777</b>		CITY STATE ZIP <b>Midland TX. 79701</b>		6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
	Non-Regulated, Non-Hazardous Waste				1	CM
T R A N S P O R T E R S	b.					
	c.					
	d. <b>41,180 47,140</b>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>				13. WASTE PROFILE NO. <b>TP 88,320</b>	
D I S P O S I T O R	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME			SIGNATURE		DATE
T R A N S P O R T E R S	16. TRANSPORTER (1) NAME: <b>TNT BACKHOE SERVICES</b>			17. TRANSPORTER (2)		
	TEXAS I.D. NO.			NAME:		
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>			TEXAS I.D. NO.		
	EMERGENCY PHONE: <b>(575) 385-7827</b>			IN CASE OF EMERGENCY CONTACT:		
D I S P O S I T O R	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED/TYPED NAME <b>Tamra Cole</b>			PRINTED/TYPED NAME		
	SIGNATURE <b>Tamra Cole</b> DATE <b>9/12/2018</b>			SIGNATURE DATE		
	ADDRESS: <b>Lea Land, LLC</b>			PHONE: <b>575-887-4048</b>		
D I S P O S I T O R	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS			
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <b>Santos Monzalez</b>		CELL NO.		DATE <b>9/12/2018</b>	
					TIME <b>11:15</b>	

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Pallares***NON-HAZARDOUS WASTE MANIFEST**NO **125926**1. PAGE     OF    2. TRAILER NO. **4**

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>		5. PICK-UP DATE <b>9/12/2018</b>	
	PHONE NO. <b>432-8871777</b>		CITY STATE ZIP <b>Midland TX. 79701</b>		6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
	<b>Non-Regulated, Non Hazardous Waste</b>				<b>1 CM</b>	
<b>R E C E I V E R</b>	b.					
	c.					
	d. <b>43,860</b>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>				13. WASTE PROFILE NO.	
<b>T R A N S P O R T E R</b>	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>					
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.	
	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME			SIGNATURE		DATE
<b>T R A N S P O R T E R</b>	16. <b>TRANSPORTER (1)</b>			17. <b>TRANSPORTER (2)</b>		
	NAME: <b>TNT BACKHOE SERVICES</b>			NAME:		
	TEXAS I.D. NO.			TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN (575) 365-7827</b>			IN CASE OF EMERGENCY CONTACT:		
<b>D I S P O S I T Y</b>	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material		
	PRINTED/TYPED NAME <b>MONSE PALLARES</b>			PRINTED/TYPED NAME		
	SIGNATURE <b>MONSE PALLARES</b> DATE <b>9/12/2018</b>			SIGNATURE DATE		
	DATE			DATE		
<b>D I S P O S I T Y</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE <b>Santos</b>		CELL NO.		DATE <b>9/12/2018</b>	TIME <b>11:30</b>

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5



**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Sigalas***NON-HAZARDOUS WASTE MANIFEST**

NO

**125927**

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

**01**

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>		5. PICK-UP DATE <b>9/12/2018</b>		
	PHONE NO. <b>432-8871777</b>		CITY STATE ZIP <b>Midland TX. 79701</b>		6. TNRCC I.D. NO.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>		<b>1</b>	<b>CM</b>			
<b>R E C E I V E R</b>	b.						
	c.						
	d. <b>94240 21,900</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>		13. WASTE PROFILE NO. <b>Te 46,140</b>				
<b>T R A N S P O R T E R S</b>	14. IN CASE OF EMERGENCY OR SPILL, CONTACT						
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME			SIGNATURE		DATE	
<b>D I S C O L D S I T Y</b>	16. TRANSPORTER (1) NAME: <b>TNT BACKHOE SERVICES</b>		17. TRANSPORTER (2)				
	TEXAS I.D. NO.		NAME:				
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>		TEXAS I.D. NO.				
	EMERGENCY PHONE: <b>(575) 385-7827</b>		IN CASE OF EMERGENCY CONTACT:				
<b>D I S C O L D S I T Y</b>	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material				
	PRINTED/TYPED NAME <b>Antonio Sigala</b>		PRINTED/TYPED NAME				
	SIGNATURE <b>Antonio Sigala</b> DATE <b>9/12/2018</b>		SIGNATURE DATE				
	DATE		DATE				
<b>D I S C O L D S I T Y</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE <b>Antonio Montalvo</b>		CELL NO.		DATE <b>9/12/2018</b>	TIME <b>01</b>	

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Arroyo

**NON-HAZARDOUS WASTE MANIFEST**

NO

125928

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

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## 3. COMPANY NAME

Fasken Oil &amp; Ranch LTD

PHONE NO.

432-8871777

## 4. ADDRESS

303 W. Wall St Suite 1800

CITY

STATE

ZIP

Midland

TX.

79701

## 5. PICK-UP DATE

9/12/2018

## 6. TNRCC I.D. NO.

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

Non-Regulated, Non Hazardous Waste

## 8. CONTAINERS

No.

Type

## 9. TOTAL QUANTITY

## 10. UNIT Wt/Vol.

## 11. TEXAS WASTE ID #

1

CM

b.

c.

d.

20,980 21,920

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

SHELL FEDERAL #2 SWD

## 13. WASTE PROFILE NO.

TE 42,880

## 14.

## IN CASE OF EMERGENCY OR SPILL, CONTACT

## NAME

JOE ONTIVEROS

## PHONE NO

575-887-4048

## 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

## PRINTED/TYPED NAME

## SIGNATURE

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## 16.

## TRANSPORTER (1)

## NAME:

TNT BACKHOE SERVICES

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

RAY MARTIN

## EMERGENCY PHONE:

(575) 365-7827

## 17.

## TRANSPORTER (2)

## NAME:

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

## EMERGENCY PHONE:

## 18. TRANSPORTER (1): Acknowledgment of receipt of material

## PRINTED/TYPED NAME

Juan Arroyo

## SIGNATURE

Juan Arroyo

## DATE

9/12/2018

## 19. TRANSPORTER (2): Acknowledgment of receipt of material

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

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Lea Land, LLC

## ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

## PHONE:

575-887-4048

## PERMIT NO.

WM-01-035 - New Mexico

## 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

## AUTHORIZED SIGNATURE

Santos Gonzalez

## CELL NO.

## DATE

9/12/2018

## TIME

11:50

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Sigalas*  
*02***NON-HAZARDOUS WASTE MANIFEST**

NO

**125929**1. PAGE    OF   

2. TRAILER NO.

*02*

G E N E R A T O R	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>		5. PICK-UP DATE <b>9/12/2018</b>		
	PHONE NO. <b>432-8871777</b>		CITY <b>Midland</b>	STATE <b>TX.</b>	ZIP <b>79701</b>	6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>		<b>1</b>	<b>CM</b>			
T R A N S P O R T E R S	b.						
	c.						
	d. <i>21,320 20,420</i>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>		13. WASTE PROFILE NO. <i>41,740</i>				
D I S C O L I N G	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
	15. <b>GENERATOR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME		SIGNATURE		DATE		
D I S C O L I N G	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>				
	NAME: <b>TNT BACKHOE SERVICES</b>		NAME:				
	TEXAS I.D. NO.		TEXAS I.D. NO.				
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b> <b>(575) 365-7827</b>		IN CASE OF EMERGENCY CONTACT:				
D I S C O L I N G	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material				
	PRINTED/TYPED NAME <i>Jose Arroyo</i>		PRINTED/TYPED NAME				
	SIGNATURE <i>Jose Arroyo</i> DATE <b>9/12/2018</b>		SIGNATURE DATE				
D I S C O L I N G	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS				
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
	AUTHORIZED SIGNATURE <i>Santos</i>		CELL NO.		DATE <b>9/12/2018</b>	TIME <i>12:00</i>	

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Limon***NON-HAZARDOUS WASTE MANIFEST**NO **125930**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **02**G  
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## 3. COMPANY NAME

**Fasken Oil & Ranch LTD**

PHONE NO.

**432-6871777**

## 4. ADDRESS

**303 W. Wall St Suite 1800**

CITY

STATE

ZIP

**Midland****TX.****79701**

## 5. PICK-UP DATE

**9/12/2018**

## 6. TNRCC I.D. NO.

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non Hazardous Waste**

b.

c.

d.

**24,280 27,240**

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

**SHELL FEDERAL #2 SWD**

## 13. WASTE PROFILE NO.

**TP 51,520**

## 14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

## NAME

**JOE ONTIVEROS**

## PHONE NO

**575-887-4048**

## 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

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## 16.

**TRANSPORTER (1)**

## NAME:

**TNT BACKHOE SERVICES**

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

**RAY MARTIN**

## EMERGENCY PHONE:

**(575) 365-7827**18. **TRANSPORTER (1):** Acknowledgment of receipt of material

## PRINTED/TYPED NAME

**Luis Limon**

## SIGNATURE

*Luis Limon*

## DATE

**9/12/2018**

## 17.

**TRANSPORTER (2)**

## NAME:

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

## EMERGENCY PHONE:

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

**Lea Land, LLC**

## ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM**

## PHONE:

**575-887-4048**

## PERMIT NO.

**WM-01-035 - New Mexico**

## 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

## AUTHORIZED SIGNATURE

## CELL NO.

## DATE

## TIME

*Santos Gonzalez***9/12/2018****12:05**

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Hernandez*

<b>NON-HAZARDOUS WASTE MANIFEST</b>		NO	<b>125931</b>		1. PAGE ___ OF ___	2. TRAILER NO. <b>1</b>	
<b>GENERATOR</b>	3. COMPANY NAME <b>Fasken Oil &amp; Ranch LTD</b>		4. ADDRESS <b>303 W. Wall St Suite 1800</b>			5. PICK-UP DATE <b>9/12/2018</b>	
	PHONE NO. <b>432-8871777</b>		CITY STATE ZIP <b>Midland TX 79701</b>			6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. <b>Non-Regulated, Non Hazardous Waste</b>			<b>1</b> <b>CM</b>			
	b.						
<b>RECEIVER</b>	c.						
	d. <b>21,620 27,060</b>						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>SHELL FEDERAL #2 SWD</b>			13. WASTE PROFILE NO.			
<b>TRANSPORTER</b>	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>						
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>		24-HOUR EMERGENCY NO.		
<b>DISPOSAL SITE</b>	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC						
	PRINTED/TYPED NAME		SIGNATURE			DATE	
<b>TRANSPORTER (1)</b>	16. <b>TRANSPORTER (1)</b>			17. <b>TRANSPORTER (2)</b>			
	NAME: <b>TNT BACKHOE SERVICES</b>			NAME:			
	TEXAS I.D. NO.			TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT: <b>RAY MARTIN</b>			IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE: <b>(575) 385-7827</b>			EMERGENCY PHONE:			
<b>TRANSPORTER (1)</b>	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
	PRINTED/TYPED NAME <b>J Hernandez</b>			PRINTED/TYPED NAME			
	SIGNATURE <b>J Hernandez</b> DATE <b>9/12/2018</b>			SIGNATURE DATE			
<b>DISPOSAL SITE</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048		
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS				
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.						
<b>DISPOSAL SITE</b>	AUTHORIZED SIGNATURE <b>Santos Gonzalez</b>		CELL NO.		DATE 9/12/2018		TIME 12:10

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5



**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

HB

**NON-HAZARDOUS WASTE MANIFEST**

NO

125940

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2. TRAILER NO.

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3. COMPANY NAME

Fasken Oil &amp; Ranch LTD

PHONE NO.

432-8871777

4. ADDRESS

303 W. Wall St Suite 1800

CITY

Midland

STATE

TX.

ZIP

79701

5. PICK-UP DATE

9/12/2018

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

Non-Regulated, Non Hazardous Waste

8. CONTAINERS  
No. Type

1

CM

9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #

b.

c.

d.

42,080 42,280

12. COMMENTS OR SPECIAL INSTRUCTIONS:

SHELL FEDERAL #2 SWD

13. WASTE PROFILE NO.

TP 84360

14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME

JOE ONTIVEROS

PHONE NO.

575-887-4048

24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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16.

**TRANSPORTER (1)**

NAME:

TNT BACKHOE SERVICES

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

RAY MARTIN

EMERGENCY PHONE:

(575) 365-7827

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

Carlos Antonio

SIGNATURE

DATE

9/12/2018

17.

**TRANSPORTER (2)**

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

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ADDRESS:

Lea Land, LLC

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

Santa Montalvo

9/12/2018

12:55

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Alon

**NON-HAZARDOUS WASTE MANIFEST**

NO

125960

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

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## 3. COMPANY NAME

Fasken Oil &amp; Ranch LTD

## PHONE NO.

432-8871777

## 4. ADDRESS

303 W. Wall St Suite 1800

## CITY

Midland

## STATE

TX.

## ZIP

79701

## 5. PICK-UP DATE

9/13/2018

## 6. TNRCC I.D. NO.

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

Non-Regulated, Non Hazardous Waste

8. CONTAINERS  
No. Type

1

CM

9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #

b.

c.

d.

47,200

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

SHELL FEDERAL # 2 SWD

## 13. WASTE PROFILE NO.

## 14.

## IN CASE OF EMERGENCY OR SPILL, CONTACT

## NAME

JOE ONTIVEROS

## PHONE NO.

575-887-4048

## 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

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## 16. TRANSPORTER (1)

## NAME:

TNT BACKHOE SERVICES

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

RAY MARTIN

## EMERGENCY PHONE:

(575) 385-7827

## 18. TRANSPORTER (1): Acknowledgment of receipt of material

## PRINTED/TYPED NAME

Torge Sanchez

## SIGNATURE

## DATE

9/13/2018

## 17. TRANSPORTER (2)

## NAME:

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

## EMERGENCY PHONE:

## 19. TRANSPORTER (2): Acknowledgment of receipt of material

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

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Lea Land, LLC

## ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

## PHONE:

575-887-4048

## PERMIT NO.

WM-01-035 - New Mexico

## 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

## AUTHORIZED SIGNATURE

## CELL NO.

## DATE

9/13/2018

## TIME

30

10.

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Sch

**NON-HAZARDOUS WASTE MANIFEST**

NO

125961

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

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## 3. COMPANY NAME

Fasken Oil &amp; Ranch LTD

## PHONE NO.

432-6871777

## 4. ADDRESS

303 W. Wall St Suite 1800

## CITY

Midland

## STATE

TX.

## ZIP

79701

## 5. PICK-UP DATE

9/13/2018

## 6. TNRCC I.D. NO.

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

Non-Regulated, Non Hazardous Waste

## 8. CONTAINERS

No.

Type

## 9. TOTAL

QUANTITY

## 10. UNIT

Wt/Vol.

## 11. TEXAS

WASTE ID #

1

CM

b.

c.

d.

44,500

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

SHELL FEDERAL #2 SWD

## 13. WASTE PROFILE NO.

## 14.

## IN CASE OF EMERGENCY OR SPILL, CONTACT

## NAME

JOE ONTIVEROS

## PHONE NO.

575-887-4048

## 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

## PRINTED/TYPED NAME

## SIGNATURE

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## 16. TRANSPORTER (1)

## NAME:

TNT BACKHOE SERVICES

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

RAY MARTIN

## EMERGENCY PHONE:

(575) 385-7827

## 17. TRANSPORTER (2)

## NAME:

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

## EMERGENCY PHONE:

## 18. TRANSPORTER (1): Acknowledgment of receipt of material

## PRINTED/TYPED NAME

SANTIAGO LOPEZ

## 19. TRANSPORTER (2): Acknowledgment of receipt of material

## PRINTED/TYPED NAME

## SIGNATURE

Santiago Lopez

## DATE

9/13/2018

## SIGNATURE

## DATE

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Lea Land, LLC

## ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

## PHONE:

575-887-4048

## PERMIT NO.

WM-01-035 - New Mexico

## 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

## AUTHORIZED SIGNATURE

## CELL NO.

## DATE

9/13/2018

## TIME

10:50

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 **RJD****NON HAZARDOUS WASTE MANIFEST**

NO

**125962**

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

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## 3. COMPANY NAME

**Fasken Oil & Ranch LTD**

## PHONE NO.

**432-6871777**

## 4. ADDRESS

**303 W. Wall St Suite 1800**

## CITY

**Midland**

## STATE

**TX.**

## ZIP

**79701**

## 5. PICK-UP DATE

**9/13/2018**

## 6. TNRCC I.D. NO.

## 7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non Hazardous Waste**

## 8. CONTAINERS

No.

Type

## 9. TOTAL

QUANTITY

## 10. UNIT

Wt/Vol.

## 11. TEXAS

WASTE ID #

**1****CM**

b.

c.

d.

**43,120**

## 12. COMMENTS OR SPECIAL INSTRUCTIONS:

**SHELL FEDERAL #2 SWD**

## 13. WASTE PROFILE NO.

## 14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

## NAME

**JOE ONTIVEROS**

## PHONE NO.

**575-887-4048**

## 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

## PRINTED/TYPED NAME

## SIGNATURE

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## 16.

**TRANSPORTER (1)**

## NAME:

**TNT BACKHOE SERVICES**

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

**RAY MARTIN****(575) 365-7827**

## EMERGENCY PHONE:

## 17.

**TRANSPORTER (2)**

## NAME:

## TEXAS I.D. NO.

## IN CASE OF EMERGENCY CONTACT:

## EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

## PRINTED/TYPED NAME

**RAUL ALVARADO**

## SIGNATURE

**Raul Alvarado****9/13/2018**

## DATE

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

## PRINTED/TYPED NAME

## SIGNATURE

## DATE

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Y**Lea Land, LLC**

## ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM**

## PHONE:

**575-887-4048**

## PERMIT NO.

**WM-01-035 - New Mexico**

## 20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

## AUTHORIZED SIGNATURE

## CELL NO.

## DATE

**9/13/2018**

## TIME

**05  
11**

**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Lone Ranger*  
*104***NON-HAZARDOUS WASTE MANIFEST**

NO

**125963**

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

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R3. COMPANY NAME  
**Fasken Oil & Ranch LTD**

PHONE NO.

**432-8871777**4. ADDRESS  
**303 W. Wall St Suite 1800**

CITY

**Midland**

STATE

**TX.**

ZIP

**79701**5. PICK-UP DATE  
**9/13/2018**

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non Hazardous Waste**8. CONTAINERS  
No. Type**1****CM**9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #

b.

c.

d.

**42,320**12. COMMENTS OR SPECIAL INSTRUCTIONS:  
**SHELL FEDERAL #2 SWD**

13. WASTE PROFILE NO.

14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME

**JOE ONTIVEROS**

PHONE NO.

**575-887-4048**

24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

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16.

**TRANSPORTER (1)**

NAME:

**TNT BACKHOE SERVICES**

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

**RAY MARTIN****(575) 365-7827**

EMERGENCY PHONE:

17.

**TRANSPORTER (2)**

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

*Scott Pion***9/13/2018**

SIGNATURE

*Scott Pion*

DATE

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM

PHONE:

**575-887-4048**

PERMIT NO.

**WM-01-035 - New Mexico**

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

*Santa Gonzalez*

CELL NO.

DATE

**9/13/2018**

TIME

**11:55**

GENERATOR: COPIES 1 &amp; 6

DISPOSAL SITE: COPIES 2 &amp; 3

TRANSPORTERS: COPIES 4 &amp; 5



**LEA LAND DISPOSAL SITE NEW MEXICO**

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

**LEA LAND, LLC**

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*None Ranger*  
*10***NON-HAZARDOUS WASTE MANIFEST**

NO

**125964**

1. PAGE \_\_\_\_ OF \_\_\_\_

2. TRAILER NO.

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3. COMPANY NAME

**Fasken Oil & Ranch LTD**

PHONE NO.

**432-6871777**

4. ADDRESS

**303 W. Wall St Suite 1800**

CITY

**Midland**

STATE

**TX.**

ZIP

**79701**

5. PICK-UP DATE

**9/13/2018**

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

**Non-Regulated, Non-Hazardous Waste**8. CONTAINERS  
No. Type**1****CM**9. TOTAL  
QUANTITY10. UNIT  
Wt/Vol.11. TEXAS  
WASTE ID #

b.

c.

d.

**44,520**

12. COMMENTS OR SPECIAL INSTRUCTIONS:

**SHELL FEDERAL #2 SWD**

13. WASTE PROFILE NO.

14.

**IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME

**JOE ONTIVEROS**

PHONE NO.

**575-887-4048**

24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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16.

**TRANSPORTER (1)**

NAME:

**TNT BACKHOE SERVICES**

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

**RAY MARTIN****(575) 365-7827**

EMERGENCY PHONE:

17.

**TRANSPORTER (2)**

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

*Tamra Cole*

SIGNATURE

*Tamra Cole*

DATE

**9/13/2018**19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

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Y**Lea Land, LLC**

ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,  
30 Miles East of Carlsbad, NM**

PHONE:

**575-887-4048**

PERMIT NO.

**WM-01-035 - New Mexico**

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

*Santos Gonzalez*

CELL NO.

DATE

**9/13/2018**

TIME

**12:10**

RECEIVED

SEP 24 2018

FASKEN OIL AND  
RANCH, LTD.

## TNT Backhoe Service

575-365-7827  
575-365-7634  
P.O. Box 133Phone # 575-365-7827  
Fax # 575-746-0807

martinboys@pvtnetworks.net

APR 2018. Odi Page 120 of 133

9/20/2018	13449

Faskin Oil & Ranch LTD.  
6101 Holiday Hill Rd.  
Midland, TX 79707

Clean Up


Quantity	Description	Rate	Amount
23	Crew Truck per hour	65.00	1,495.00T
78	Cat 710 K Backhoe	100.00	7,800.00T
276	Belly-Dump	95.00	26,220.00T
176	12 yd. Dumptruck	80.00	14,080.00T
11	Crew Truck per hour ( 2 men )	75.00	825.00T
	Subtotal		50,420.00
	Location: Shell Fed. # 2 SWD		
	DOS: 8/29/2018 - 9/19/2018		
	County: Eddy		
	Ordered By: Aaron Pachhofer		
	Eddy County Sales Tax	5.9583%	3,004.17
	9-27-18 - checked prices for this inv. is correct (ack)		
	ENTRY CONTROL		
	10/18 4210		
	CK# 11370 Date 10-19-18		
	VENDOR NO. TAA 5515		
	INVOICE NO. 13449		
	INVOICE DATE 9-20-18		
	AMOUNT 53424.17		
	ACC. # 3753		
	JIB CATEG. 370		
	LEASE 5H2000-02		
	DECI 3753		
	INV. DUE		
	DESC.		
Thank you for your business		AMOUNT \$ 53424.17	927
			\$53,424.17

AFE #3753

Aaron Pachhofer  
JPC

3753-370

Jury 4/26  
ATP 1/1/18

P.O. BOX 133  
1701 N. 1<sup>st</sup>.  
ARTESIA, NM 88211-0133

# TNT BACKHOE BID AND JOB SHEET

Fax (575) 746-0807  
RAY (575) 365-7827  
KAREN (575) 365-7634

Date 8-29-18 Invoice Date \_\_\_\_\_ Invoice NO. 13449 Invoice Total \_\_\_\_\_  
Company Paskin Oil + Ranch LTD Phone NO. \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State NM  
Legal Description UNIT M F L F L Sec 5 T 21S S R 24 E Eddy County  
Lease Shell Fed #2 SWD Lat 32.51011  
JOB DESCRIPTION Long - 104.52811  
one call for cleanup well + Bat site

ORDERED BY: Daron Pachthofer  
SUPERVISOR ON JOB: Ray

	HAUL	LOADS	CU YDS @ \$	\$
GRAVEL				
CALICHE ROYALTY				
CONTAMINATED SOIL				
TOP SOIL				

	HRS @ \$	\$
DOZER D-6		
DOZER D-7		
LOADER		
BACKHOE		
BACKHOE EXT.		
BELLY DUMPS		
DUMP TRUCKS		
GRADER		
EXCAVATOR		
EXCAVATOR MINI		
TRACTOR		
FUEL CHARGE		
LABOR HELP		
CREW HAUL 1 <sup>st</sup> . crew (1man) <input checked="" type="checkbox"/> (2 man) (3 man)	<u>3</u>	<u>195.00</u>
CREW HAUL 2 <sup>nd</sup> . crew (1man) (2 man) (3 man)		
SUPERVISOR		
HAUL TRUCK		
MISCELLANEOUS		
MISCELLANEOUS		
MISCELLANEOUS		
ROUSTABOUT		
DITCHWITCH		
HOT SHOT SERVICE		
STEAM CLEANING		

Aug 31-17<sup>th</sup>

18AG290727

From Carlsbad - 285 -

Sub Total \$ 195.00  
Tax \$ 11.62  
Total Due \$ 206.62

-N- CR 28  
white pins - 7.8 - R - .8 - L - .2 - L - To loc

P.O. BOX 133  
1701 N. 1<sup>st</sup>.  
ARTESIA, NM 88211-0133

# TNT BACKHOE BID AND JOB SHEET

Fax (575) 746-0807  
RAY (575) 365-7827  
KAREN (575) 365-7634

Date Sept 6-18 Invoice Date \_\_\_\_\_ Invoice NO. 13449 Invoice Total \_\_\_\_\_  
Company Faskins Oil & Ranch Phone NO. \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Legal Description \_\_\_\_\_ F L F L Sec T S R E County \_\_\_\_\_  
Lease Shell Fed #2 SWD  
JOB DESCRIPTION \_\_\_\_\_

dig out release area

ORDERED BY: Aaren Pachhafer  
SUPERVISOR ON JOB: Dale

	HAUL	LOADS	CU YDS @ \$	\$
GRAVEL				
CALICHE ROYALTY				
CONTAMINATED SOIL				
TOP SOIL				

	HRS @ \$	\$
DOZER D-6		
DOZER D-7		
LOADER		
BACKHOE		
BACKHOE EXT. <u>710</u> <u>9</u>	<u>100.00</u>	<u>900.00</u>
BELLY DUMPS		
DUMP TRUCKS		
GRADER		
EXCAVATOR		
EXCAVATOR MINI		
TRACTOR		
FUEL CHARGE		
LABOR HELP		
CREW HAUL 1 <sup>st</sup> crew (1man) <u>2</u> (2 man) (3 man)	<u>65.00</u>	<u>130.00</u>
CREW HAUL 2 <sup>nd</sup> crew (1man) (2 man) (3 man)		
SUPERVISOR		
HAUL TRUCK		
MISCELLANEOUS		
MISCELLANEOUS		
MISCELLANEOUS		
ROUSTABOUT		
DITCHWITCH		
HOT SHOT SERVICE		
STEAM CLEANING		

Sub Total \$ 1030.00  
Tax \$ 61.37  
Total Due \$ 1091.37

P.O. BOX 133  
1701 N. 1<sup>st</sup>.  
ARTESIA, NM 88211-0133

**TNT BACKHOE**  
**BID AND JOB SHEET**

Fax (575) 746-0807  
RAY (575) 365-7827  
KAREN (575) 365-7634

Date Sept. 10-18 Invoice Date \_\_\_\_\_ Invoice NO. 13449 Invoice Total \_\_\_\_\_  
Company FASKINS Phone NO. \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Legal Description \_\_\_\_\_ F L F L Sec T S R E County \_\_\_\_\_  
Lease Shell Fed S&D  
JOB DESCRIPTION \_\_\_\_\_

dig out Release area Load + Haul To Land

ORDERED BY: Daron Pachthofer  
SUPERVISOR ON JOB: Ray

	HAUL	LOADS	CU YDS @ \$	\$
GRAVEL				
CALICHE ROYALTY				
CONTAMINATED SOIL				
TOP SOIL				

	HRS @ \$	\$
DOZER D-6		
DOZER D-7		
LOADER		
BACKHOE		
BACKHOE EXT.		
BELLY DUMPS <u>712 7</u>		
DUMP TRUCKS <u>(5) (4-11 hrs - 1-7 hrs) 51</u>		
GRADER		
EXCAVATOR		
EXCAVATOR MINI		
TRACTOR		
FUEL CHARGE		
LABOR HELP		
CREW HAUL 1 <sup>st</sup> . crew (1man) <u>2</u> (2 man) (3 man)		
CREW HAUL 2 <sup>nd</sup> . crew (1man) (2 man) (3 man)		
SUPERVISOR		
HAUL TRUCK		
MISCELLANEOUS		
MISCELLANEOUS		
MISCELLANEOUS		
ROUSTABOUT		
DITCHWITCH		
HOT SHOT SERVICE		
STEAM CLEANING		

Sub Total \$ 5,675.00  
Tax \$ 338.13  
Total Due \$ 6,013.13



P.O. BOX 133  
1701 N. 1<sup>st</sup>.  
ARTESIA, NM 88211-0133

# TNT BACKHOE BID AND JOB SHEET

Fax (575) 746-0867  
RAY (575) 365-7827  
KAREN (575) 365-7634

Date Sept 11, 2018 Invoice Date \_\_\_\_\_ Invoice NO. 13449 Invoice Total \_\_\_\_\_  
Company Proken Oil & Ranch LTD Phone NO. \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Legal Description \_\_\_\_\_ F L F L Sec T S R E County \_\_\_\_\_  
Lease Shell Well #2 SWD  
JOB DESCRIPTION  
Load trucks to haul off contaminated to New Land  
Haul caliche back

ORDERED BY: Daron Pachthofer  
SUPERVISOR ON JOB: Ray

	HAUL	LOADS	CU YDS @ \$	\$
GRAVEL	HAUL	LOADS	CU YDS @ \$	\$
CALICHE ROYALTY	HAUL	LOADS	CU YDS @ \$	\$
CONTAMINATED SOIL	HAUL	LOADS	CU YDS @ \$	\$
TOP SOIL	HAUL	LOADS	CU YDS @ \$	\$

	HRS @ \$	\$
DOZER D-6	HRS @ \$	\$
DOZER D-7	HRS @ \$	\$
LOADER	HRS @ \$	\$
BACKHOE <u>710</u>	HRS @ \$ <u>10</u>	\$ <u>1,000.00</u>
BACKHOE EXT.	HRS @ \$	\$
BELLY DUMPS <u>(8 trucks - 11 hrs ea)</u>	HRS @ \$ <u>88</u>	\$ <u>8,360.00</u>
DUMP TRUCKS <u>(8 trucks - 11 hrs ea)</u>	HRS @ \$ <u>88</u>	\$ <u>7,040.00</u>
GRADER	HRS @ \$	\$
EXCAVATOR	HRS @ \$	\$
EXCAVATOR MINI	HRS @ \$	\$
TRACTOR	HRS @ \$	\$
FUEL CHARGE	HRS @ \$	\$
LABOR HELP	HRS @ \$	\$
CREW HAUL 1 <sup>st</sup> crew (1 man) <u>✓</u> (2 man) (3 man)	HRS @ \$ <u>2</u>	\$ <u>130.00</u>
CREW HAUL 2 <sup>nd</sup> crew (1 man) (2 man) (3 man)	HRS @ \$	\$
SUPERVISOR	HRS @ \$	\$
HAUL TRUCK	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
ROUSTABOUT	HRS @ \$	\$
DITCHWITCH	HRS @ \$	\$
HOT SHOT SERVICE	HRS @ \$	\$
STEAM CLEANING	HRS @ \$	\$

Sub Total \$ 16,530.00  
Tax \$ 984.91  
Total Due \$ 17,514.91

PO BOX 133  
1701 N. 1<sup>st</sup>  
ARTESIA, NM 88211-0133

# TNT BACKHOE BID AND JOB SHEET

TEL (575) 746-6601  
FAX (575) 365-7827  
E-MAIL (575) 365-7634

Job Sept 12-18 Invoice Date 13449 Invoice NO. 13449 Invoice Total  
Company Faskin Phone NO.  
Address City State  
Legal Description F L F L Sec T N R E Cont.  
Notes Shell Fed #2 SWD  
JOB DESCRIPTION

Load Trucks To Haul To Lealand  
spread calciche

ORDERED BY Aaron Pachelkefer  
SUPERVISOR ON JOB: Ray

	HAUL	LOADS	CU YDS @ \$	\$
HAUL	HAUL	LOADS	CU YDS @ \$	\$
HAUL	HAUL	LOADS	CU YDS @ \$	\$
HAUL	HAUL	LOADS	CU YDS @ \$	\$

	HRS @ \$	\$
DOZER D-6	HRS @ \$	\$
DOZER D-7	HRS @ \$	\$
LOADER	HRS @ \$	\$
BACKHOE	HRS @ \$	\$
BACKHOE EXT	HRS @ \$	\$
BELLY DUMPS	HRS @ \$	\$
DUMP TRUCKS	HRS @ \$	\$
GRADER	HRS @ \$	\$
EXCAVATOR	HRS @ \$	\$
EXCAVATOR MINI	HRS @ \$	\$
TRACTOR	HRS @ \$	\$
FUEL CHARGE	HRS @ \$	\$
LABOR HELP	HRS @ \$	\$
CREW HAUL 1 <sup>st</sup> crew (1man) <input checked="" type="checkbox"/> (2 man) (3 man)	HRS @ \$	\$
CREW HAUL 2 <sup>nd</sup> crew (1man) (2 man) (3 man)	HRS @ \$	\$
SUPERVISOR	HRS @ \$	\$
HAUL TRUCK	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
ROOSTABOUT	HRS @ \$	\$
DITCHWITCH	HRS @ \$	\$
JOE SHOT SERVICE	HRS @ \$	\$
STEAM CLEANING	HRS @ \$	\$

Sub Total \$ 16,730.00  
Tax \$ 996.82  
Total Due \$ 17,726.82

PO BOX 133  
1701 N. 1<sup>st</sup>  
ARRESTA, NM 88211-0133

# TNT BACKHOE BID AND JOB SHEET

Phone (575) 746-6801  
Fax (575) 365-7527  
K. W. HEN (575) 365-7634

Order Sept 17-18 Invoice Date 13449 Invoice NO. 13449 Invoice Total

Company FASKINS Phone NO.

Address City State

Legal Description F L F L Sec T S R E Cont.

Notes Shell Fed #2 SWD

JOB DESCRIPTION

Load Trucks To Haul To Island  
spread calcite

Order By Aaron Pachhofer

Supervisor On Job Date

HAUL LOADS CU YDS @ \$

HAUL LOADS CU YDS @ \$

HAUL LOADS CU YDS @ \$

HAUL LOADS CU YDS @ \$

DOZER D-6			HRS @ \$	\$
DOZER D-7			HRS @ \$	\$
LOADER			HRS @ \$	\$
BACKHOE			HRS @ \$	\$
BACKHOE EXT			HRS @ \$	\$
BELLY DUMPS			HRS @ \$	\$
DUMP TRUCKS			HRS @ \$	\$
GRADER			HRS @ \$	\$
EXCAVATOR			HRS @ \$	\$
EXCAVATOR MINI			HRS @ \$	\$
TRACTOR			HRS @ \$	\$
FUEL CHARGE			HRS @ \$	\$
LABOR HELP			HRS @ \$	\$
CREW HAUL 1 <sup>st</sup> crew (1 man)	<u>✓</u> (2 man)	(3 man)	HRS @ \$	\$
CREW HAUL 2 <sup>nd</sup> crew (1 man)	(2 man)	(3 man)	HRS @ \$	\$
SUPERVISOR			HRS @ \$	\$
HAUL TRUCK			HRS @ \$	\$
MISCELLANEOUS			HRS @ \$	\$
MISCELLANEOUS			HRS @ \$	\$
MISCELLANEOUS			HRS @ \$	\$
ROCKABOUT			HRS @ \$	\$
BECHWICH			HRS @ \$	\$
NOT SHOT SERVICE			HRS @ \$	\$
STEAM CLEANING			HRS @ \$	\$

Sub Total \$ 4,455.00  
Tax \$ 265.44  
Total Due \$ 4,720.44

P.O. BOX 133  
1701 N. 1<sup>st</sup>.  
ARTESIA, NM 88211-0133

# TNT BACKHOE BID AND JOB SHEET

Fax (575) 746-0807  
RAY (575) 365-7827  
KAREN (575) 365-7634

Date 9-14-18 Invoice Date \_\_\_\_\_ Invoice NO. 13449 Invoice Total \_\_\_\_\_  
Company Faskiks Phone NO. \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Legal Description \_\_\_\_\_ F L F L Sec T S R E County \_\_\_\_\_  
Lease Shell Fed. 25hp

## JOB DESCRIPTION

Build Benin - scrape contaminated area - load trucks  
for Lealand - Trucks Hauled in caliche

ORDERED BY: Caron Pachhofer  
SUPERVISOR ON JOB: Dale Tyler

	HAUL	LOADS	CU YDS @ \$	\$
GRAVEL				
CALICHE ROYALTY				
CONTAMINATED SOIL				
TOP SOIL				

	HRS @ \$	\$
DOZER D-6		
DOZER D-7		
LOADER		
BACKHOE		
BACKHOE EXT.		
BELLY DUMPS (2) <u>7 hrs each</u> <u>710</u> <u>9</u>	HRS @ \$ <u>100.00</u>	\$ <u>900.00</u>
DUMP TRUCKS	HRS @ \$ <u>95.00</u>	\$ <u>1330.00</u>
GRADER		
EXCAVATOR		
EXCAVATOR MINI		
TRACTOR		
FUEL CHARGE		
LABOR HELP		
CREW HAUL 1 <sup>st</sup> crew (1 man) <input checked="" type="checkbox"/> (2 man) (3 man)	HRS @ \$ <u>65.00</u>	\$ <u>390.00</u>
CREW HAUL 2 <sup>nd</sup> crew (1 man) (2 man) (3 man)		
SUPERVISOR		
HAUL TRUCK		
MISCELLANEOUS		
MISCELLANEOUS		
MISCELLANEOUS		
ROUSTABOUT		
DITCHWITCH		
HOT SHOT SERVICE		
STEAM CLEANING		

Sub Total \$ 2,620.00  
Tax \$ 156.11  
Total Due \$ 2,776.11

P.O. BOX 133  
1701 N. 1<sup>st</sup>.  
ARTESIA, NM 88211-0133

# TNT BACKHOE BID AND JOB SHEET

Fax (575) 746-0807  
RAY (575) 365-7827  
KAREN (575) 365-7634

Date Sept 17-2018 Invoice Date \_\_\_\_\_ Invoice NO. 13449 Invoice Total \_\_\_\_\_  
Company Faskie Oil + Ranch LTD Phone NO. \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Legal Description \_\_\_\_\_ F L F L Sec T SR E County \_\_\_\_\_  
Lease Shell Fed #2 Skn

## JOB DESCRIPTION

Build Berm - Fill in caliche - dig out electric line  
Reke Berm - shovel around pipework

ORDERED BY: Karen  
SUPERVISOR ON JOB: Dale - Russe - Tyler

GRAVEL	HAUL	LOADS	CU YDS @ \$	\$
CALICHE ROYALTY	HAUL	LOADS	CU YDS @ \$	\$
CONTAMINATED SOIL	HAUL	LOADS	CU YDS @ \$	\$
TOP SOIL	HAUL	LOADS	CU YDS @ \$	\$

DOZER D-6	HRS @ \$	\$
DOZER D-7	HRS @ \$	\$
LOADER	HRS @ \$	\$
BACKHOE	HRS @ \$	\$
BACKHOE EXT.	HRS @ \$	\$
BELLY DUMPS	HRS @ \$	\$
DUMP TRUCKS	HRS @ \$	\$
GRADER	HRS @ \$	\$
EXCAVATOR	HRS @ \$	\$
EXCAVATOR MINI	HRS @ \$	\$
TRACTOR	HRS @ \$	\$
FUEL CHARGE	HRS @ \$	\$
LABOR HELP	HRS @ \$	\$
CREW HAUL 1 <sup>st</sup> . crew (1man) (2 man) <input checked="" type="checkbox"/> (3 man)	HRS @ \$	\$
CREW HAUL 2 <sup>nd</sup> . crew (1man) (2 man) (3 man)	HRS @ \$	\$
SUPERVISOR	HRS @ \$	\$
HAUL TRUCK	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
ROUSTABOUT	HRS @ \$	\$
DITCHWITCH	HRS @ \$	\$
HOT SHOT SERVICE	HRS @ \$	\$
STEAM CLEANING	HRS @ \$	\$

Sub Total \$ 1750.00  
Tax \$ 104.27  
Total Due \$ 1854.27



P.O. BOX 133  
1701 N. 1<sup>st</sup>.  
ARTESIA, NM 88211-0133

# TNT BACKHOE BID AND JOB SHEET

Fax (575) 746-0807  
RAY (575) 365-7827  
KAREN (575) 365-7634

Date Sept. 18-18 Invoice Date \_\_\_\_\_ Invoice NO. 13449 Invoice Total \_\_\_\_\_  
Company Faskin Oil & Ranch LTD Phone NO. \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Legal Description \_\_\_\_\_ F L F L Sec T SR E County \_\_\_\_\_  
Lease Shell

## JOB DESCRIPTION

spread caliche finished

ORDERED BY: Agren

SUPERVISOR ON JOB: Dale

GRAVEL	HAUL	LOADS	CU YDS @ \$	\$
CALICHE ROYALTY	HAUL	LOADS	CU YDS @ \$	\$
CONTAMINATED SOIL	HAUL	LOADS	CU YDS @ \$	\$
TOP SOIL	HAUL	LOADS	CU YDS @ \$	\$

DOZER D-6	HRS @ \$	\$
DOZER D-7	HRS @ \$	\$
LOADER	HRS @ \$	\$
BACKHOE	HRS @ \$	\$
BACKHOE EXT.	HRS @ \$	\$
BELLY DUMPS	HRS @ \$	\$
DUMP TRUCKS	HRS @ \$	\$
GRADER	HRS @ \$	\$
EXCAVATOR	HRS @ \$	\$
EXCAVATOR MINI	HRS @ \$	\$
TRACTOR	HRS @ \$	\$
FUEL CHARGE	HRS @ \$	\$
LABOR HELP	HRS @ \$	\$
CREW HAUL 1 <sup>st</sup> . crew (1man) <input checked="" type="checkbox"/> (2 man) (3 man)	HRS @ \$	\$
CREW HAUL 2 <sup>nd</sup> . crew (1man) (2 man) (3 man) <u>2</u>	HRS @ \$	\$
SUPERVISOR	HRS @ \$	\$
HAUL TRUCK	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
MISCELLANEOUS	HRS @ \$	\$
ROUSTABOUT	HRS @ \$	\$
DITCHWITCH	HRS @ \$	\$
HOT SHOT SERVICE	HRS @ \$	\$
STEAM CLEANING	HRS @ \$	\$

Sub Total \$ 930.00  
Tax \$ 55.41  
Total Due \$ 985.41

P.O. BOX 133  
1701 N. 1<sup>st</sup>.  
ARTESIA, NM 88211-0133

# TNT BACKHOE BID AND JOB SHEET

Fax (575) 746-0807  
RAY (575) 365-7827  
KAREN (575) 365-7634

Date Sept. 19-18 Invoice Date \_\_\_\_\_ Invoice NO. 13449 Invoice Total \_\_\_\_\_  
Company FASHING Oil & Ranch LTD Phone NO. \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Legal Description \_\_\_\_\_ F L F L Sec T SR E County \_\_\_\_\_  
Lease Shell Feed SWD  
JOB DESCRIPTION move Backhoe to yard

ORDERED BY: Aaron  
SUPERVISOR ON JOB: Dale - Tyler  
GRAVEL \_\_\_\_\_ HAUL \_\_\_\_\_ LOADS \_\_\_\_\_ CU YDS @ \$ \_\_\_\_\_ \$ \_\_\_\_\_  
CALICHE ROYALTY \_\_\_\_\_ HAUL \_\_\_\_\_ LOADS \_\_\_\_\_ CU YDS @ \$ \_\_\_\_\_ \$ \_\_\_\_\_  
CONTAMINATED SOIL \_\_\_\_\_ HAUL \_\_\_\_\_ LOADS \_\_\_\_\_ CU YDS @ \$ \_\_\_\_\_ \$ \_\_\_\_\_  
TOP SOIL \_\_\_\_\_ HAUL \_\_\_\_\_ LOADS \_\_\_\_\_ CU YDS @ \$ \_\_\_\_\_ \$ \_\_\_\_\_

DOZER D-6			HRS @ \$		\$
DOZER D-7			HRS @ \$		\$
LOADER			HRS @ \$		\$
BACKHOE	<u>710</u>	<u>3</u>	HRS @ \$	<u>100.00</u>	<u>300.00</u>
BACKHOE EXT.			HRS @ \$		\$
BELLY DUMPS			HRS @ \$		\$
DUMP TRUCKS			HRS @ \$		\$
GRADER			HRS @ \$		\$
EXCAVATOR			HRS @ \$		\$
EXCAVATOR MINI			HRS @ \$		\$
TRACTOR			HRS @ \$		\$
FUEL CHARGE			HRS @ \$		\$
LABOR HELP			HRS @ \$		\$
CREW HAUL 1 <sup>st</sup> . crew (1man) (2 man) <input checked="" type="checkbox"/> (3 man)		<u>1</u>	HRS @ \$	<u>75.00</u>	<u>75.00</u>
CREW HAUL 2 <sup>nd</sup> . crew (1man) <input checked="" type="checkbox"/> (2 man) (3 man)		<u>2</u>	HRS @ \$	<u>65.00</u>	<u>130.00</u>
SUPERVISOR			HRS @ \$		\$
HAUL TRUCK			HRS @ \$		\$
MISCELLANEOUS			HRS @ \$		\$
MISCELLANEOUS			HRS @ \$		\$
MISCELLANEOUS			HRS @ \$		\$
ROUSTABOUT			HRS @ \$		\$
DITCHWITCH			HRS @ \$		\$
HOT SHOT SERVICE			HRS @ \$		\$
STEAM CLEANING			HRS @ \$		\$

Sub Total \$ 505.00  
Tax \$ 30.09  
Total Due \$ 535.09

**From:** [Grant Huckabay](#)  
**To:** [Maxwell, Ashley, EMNRD](#)  
**Cc:** [Addison Guelker](#)  
**Subject:** [EXTERNAL] Incident Closure Request  
**Date:** Wednesday, April 19, 2023 9:12:16 AM  
**Attachments:** [image001.png](#)  
[FW The Oil Conservation Division \(OCD\) has rejected the application Application ID 204023.msg](#)  
[FW The Oil Conservation Division \(OCD\) has rejected the application Application ID 204087.msg](#)  
[RE The Oil Conservation Division \(OCD\) has rejected the application Application ID 204104.msg](#)

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Ashley,

We recently received rejection emails (attached) for the below incidents with associated RP numbers. Please see below email between Aaron Pachlhofer (formerly employed by Fasken) and Brad Billings. In this email Mr. Billings approves closures for these subject Fasken incidents (highlighted for reference). We would kindly like to request these incidents be closed. Please let us know if you have any questions.

Denton #2 SWD - RP2932, incident ID nGRL1318431031

Quail State #2 – RP3631, incident ID nKJ1513251046

Baetz 23 Battery – RP1064, incident ID nPAC0627640154

Thanks,



**Grant Huckabay**

6101 Holiday Hill Road

Midland, TX 79707

Office: 432.687.1777

Cell: 432.288.5529

[granth@forl.com](mailto:granth@forl.com)

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**From:** Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>

**Sent:** Monday, March 9, 2020 3:26 PM

**To:** Aaron Pachlhofer <aaronp@forl.com>

**Subject:** RE: Sites/Numerous Closures and Deferrals

3/9/3030

Aaron Pachlhofer – Fasken

Below are site listings, either closed or deferred at this time by the Oil Conservation Division (OCD). As you know, the files available and offered by Fasken for these Fasken issues were/are often in

disarray and it took some considerable time to piece many aspects of them together to make sense and attain decision level accountability. The OCD is sure you are aware, that certain field and report activities that may have been allowed in the past, with current Rule structure would not be acceptable. As much latitude as possible has been used in our considerations/determinations.

It may take some time for the current catalog of sites and the decisions made on them to be uploaded into OCD data base, but it will be done as soon as possible.

Sites APPROVED for Closure: 2R-4901, 1R's -1064, -1301, -2932, -3495, -3602, -3631, -1393, -1513, -5041, 2915, 934, 5402, 475, 2259, 2283 and 4169.

Sites APPROVED for Deferral: 1R's -2197, 1090, 1825, 4298 and 1825.

These decisions are in general agreement with our last meeting. I believe this accommodates all the Fasken sites that we had discussions about. Please keep in mind, that Fasken will still be responsible to Section 13 (dealing with restoration) even with closure in hand.

Thank you for your patience.

Sincerely,

Bradford Billings  
EMNRD/OCD  
Santa Fe, NM

NOTE: The OCD will be opening an office in Albuquerque, NM this week. I will be in that office. By next week information will likely be on OCD website regarding address and new telephone numbers.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 204180

CONDITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 204180
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Historical document review. Closure approved. Release resolved.	4/19/2023