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

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APR 20 2009
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State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
July 21, 2008

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

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

Type of action:
- ☐ Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
- ☒ Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit
- ☒ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Occidental Permian Ltd Partnership OGRID #: 157984 < 50' ≈ 25?
Address: 1017 W. Stanolind Road, Hobbs NM
Facility or well name: North Hobbs Unit Central Tank Battery – Emergency Overflow Pit (out-of-service) (nearest well: NHU 29-813)
API Number: #30-025-34871 OCD Permit Number: ~~NOT PROVIDED~~ P1-01083
U/L or Qtr/Qtr 'L' Section 29 Township 18S Range 38E County: LEA
Center of Proposed Design: Latitude N32°43'05.76" Longitude W103°10'46.14" NAD: ☐1927 ☐1983
Surface Owner: ☐ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F or G of 19.15.17.11 NMAC NA
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A
☐ Lined ☐ Unlined Liner type: Thickness _____mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: _____bbl Dimensions: L_____ x W_____ x D_____

3.
☐ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC NA
Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other _____
☐ Lined ☐ Unlined Liner type: Thickness _____mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____

4.
☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC NA
Volume: _____bbl Type of fluid: _____
Tank Construction material: _____
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____mil ☐ HDPE ☐ PVC ☐ Other _____

5.
☐ **Alternative Method:** NA
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

6.

Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*

☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*

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

☐ Alternate. Please specify_____ NA

7.

Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☐ Other_____ NA

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

8.

Signs: Subsection C of 19.15.17.11 NMAC NA

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

☐ Signed in compliance with 19.15.3.103 NMAC

9.

Administrative Approvals and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.

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

10.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. **Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.**

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. *(Applies to temporary, emergency, or cavitation pits and below-grade tanks)* - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☒ No ☒ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. *(Applies to permanent pits)* - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☒ No ☐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No NA
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☒ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☒ No

11.
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

NA

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
- ☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

NA

☐ Previously Approved Design (attach copy of design) API Number: _____

☐ Previously Approved Operating and Maintenance Plan API Number: _____ *(Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)*

13.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

NA

14.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☒ Emergency ☐ Cavitation ☐ P&A ☒ Permanent Pit ☐ Below-grade Tank ☐ Closed-loop System ☐ Alternative

Proposed Closure Method:
- ☒ Waste Excavation and Removal
- ☐ Waste Removal (Closed-loop systems only)
- ☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
  - ☐ In-place Burial ☐ On-site Trench Burial
- ☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

15.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- ☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16.
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)
Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?
☐ Yes (If yes, please provide the information below) ☐ No

NA

Required for impacted areas which will not be used for future service and operations:
☐ Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map NA	☐ Yes ☐ No

18.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☐ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

NA

19.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Dennis Newman Title: Senior Engineer

Signature: [signature] Date: April 15, 2009

e-mail address: dennis_newman@oxy.com Telephone: 713-366-5485

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

OCD Representative Signature: _____ **Approval Date:** _____

Title: _____ **OCD Permit Number:** P1-01083

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

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

☐ **Closure Completion Date:** _____

22.
Closure Method:

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

23.
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:

Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

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

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

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

24.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

☐ Proof of Closure Notice (surface owner and division)
☐ Proof of Deed Notice (required for on-site closure)
☐ Plot Plan (for on-site closures and temporary pits)
☐ Confirmation Sampling Analytical Results (if applicable)
☐ Waste Material Sampling Analytical Results (required for on-site closure)
☐ Disposal Facility Name and Permit Number
☐ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique
☐ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐ 1927 ☐ 1983

25.
Operator Closure Certification:

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

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

Occidental Permian Ltd.
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046-0521
P.O. Box 4294, Houston, Texas 77210-4294
Phone 713.215.7000
www.oxy.com

RETURN RECEIPT REQUEST

April 15, 2009

Larry Johnson
Environmental Engineer
District 1
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1625 N. French Drive
Hobbs, New Mexico 88240

SUBJECT: CLOSURE PLAN – Emergency Overflow Pit
Occidental Permian
North Hobbs Unit Central Tank Battery

Dear Mr. Johnson:

Per our discussion on February 18, 2009, attached for the New Mexico Oil Conservation Division (NMOCD) approval is form C-144 and attached Closure Plan for the subject pit. If you have any questions, please contact me at 713-366-5485.

Sincerely,

Dennis L. Newman, P.E.

Cc: Steven Bishop
Herbie Bruton

OCCIDENTAL PERMIAN LTD PARTNERSHIP
NORTH HOBBS UNIT CENTRAL TANK BATTERY

EMERGENCY OVERFLOW PIT CLOSURE PLAN

RECEIVED
APR 20 2009
HOBBSOCD

APRIL 2009

SUBMITTED TO THE:

STATE OF NEW MEXICO
ENERGY MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NM DISTRICT OFFICE

1.0 Introduction

The purpose of this Closure Plan and attached/completed NM Oil Conservation Division (OCD) Form C-144 (7/21/2008) is to describe the closure methodology for the Occidental Permian Ltd Partnership ("Oxy") North Hobbs Unit Central Tank Battery, Emergency Overflow Pit ("NHU CTB Pit"). The NHU CTB Pit will be closed per the New Mexico Administrative Code, Title 19, Natural Resources and Wildlife, Chapter 15, Oil and Gas, Part 17, Pits, Closed-Loop Systems, Below-Grade Tanks and Sumps ("NMAC 19.15.17.13") – Waste Excavation and Removal.

2.0 Background

Oxy is the surface owner of the NHU CTB and adjacent surface. The NHU CTB is west of the intersection of W. Mahan Dr. and W. County Rd., Hobbs, NM. The NHU CTB Pit is located on the southwest part of the facility. The Pit is approximately 100' by 100', 4' below the ground surface, and has a 20 mil welded liner that contained the fluids. Attached is an aerial showing the Pit location. The NHU CTB Pit is registered with the OCD (2004) and is out-of-service as a result of the NMAC 19.15.17 rule changes that became effective June 2008.

3.0 NM OCD Form C-144 (Closure)

Per NMAC 19.15.17.9, an OCD Form C-144 must be completed, and per NMAC 19.15.17.13C. a closure plan must be submitted to the OCD for approval for the NHU CTB Pit.

The OCD action requested is approval of this NHU CTB Pit Closure Plan and attached Form C-144. The closure method proposed is waste excavation and removal, offsite commercial disposal of soil materials, and either offsite commercial or field disposal of fluids.

Referencing Form C-144, Section 10. [Siting Criteria (19.15.17.10 NMAC)], note:

- Ground water is more than 50 feet – attached is the NM Office of the State Engineer data.
- There is no continuously flowing water course within 300 feet – attached aerial.
- The Pit is not within 1000 feet from a permanent residence, etc. – attached aerial.
- The Pit is not within 500 feet of a well, etc. – attached iWaters search.
- The Pit may be within incorporated municipal boundaries, etc. – but NA with the proposed pit closure methodology.
- The Pit is not within 500 feet of a wetland – attached aerial.
- The Pit is not overlying a subsurface mine – NA with the proposed pit closure methodology.
- The Pit is not within an unstable area – NA with the proposed pit closure methodology.
- The Pit is not within a 100-year floodplain – NA with the proposed pit closure methodology.

Referencing Form C-144, Section 15. [Waste Excavation and Removal Closure Plan Checklist (NMAC 19.15.17.13)] please note that the next Section 4.0 presents:

a. Protocols and Procedures
b. Confirmation Sampling Plan
c. Disposal Facility Information

4.0 Closure Method (19.15.17.13 C.)

Protocols and Procedures:

1. Residual liquids and solids will be removed from the bottom of the pit and disposed of in Oxy's fluids disposal system or at an OCD permitted facility.
2. Residual liquids and solids will be removed from the piping and drain system and will be disposed of in Oxy's fluids disposal system or at an OCD permitted facility.
3. The pit liner system will be removed and disposed of at an OCD permitted facility.
4. The piping and drain system will be capped/plugged.
5. After removal of the liner, a confirmation sampling plan will be implemented (see below).
6. Wet and discolored soils will be excavated up to 4 feet, as needed, and disposed of at an OCD permitted facility.
7. If the sampling program demonstrates that a release has not occurred or that the release does not exceed the concentrations specified in NMAC 19.15.17.13 C.(3), the excavation will be backfilled with clean earthen material. Note if a release has occurred, the OCD will be notified and consulted concerning alternative modifications to closure methodology for this pit.
8. The site will not be revegetated since this area is an active production facility and Oxy is the surface owner.

Confirmation Sampling Plan:
Soils samples beneath the removed liner will be collected and analyzed at a laboratory.
1. One five (5) point composite grab sample - 4 sides and 1 bottom samples.
2. Individual grab samples based on professional judgment.
3. One (1) background sample.
4. Composite, grab, and background samples will be analyzed by EPA SW-846 Methods for:
    a. BTEX – EPA Method 8021B or 8260B
    b. TPH – EPA Method 8015B
    c. Chlorides – EPA Method 300.1

Disposal Facility Information:
Facility Name: Sundance Parabo
Company Name: Sundance Services, Inc.
OCD Permit No.: 3

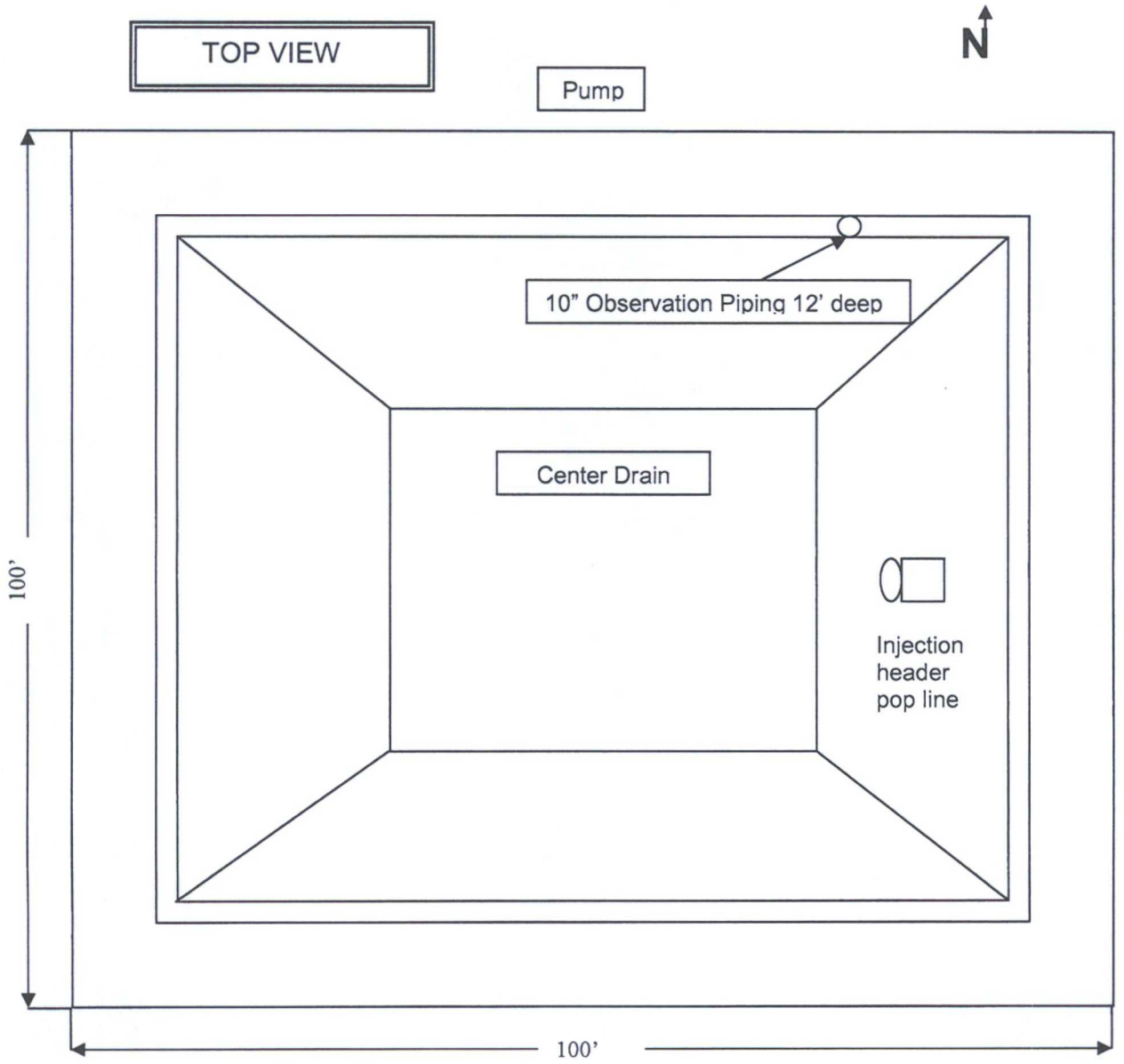
5.0 Closure Documentation (C-141):
Per NMAC 19.15.17.13 C(3), the soil analytical results will be provided to the OCD.

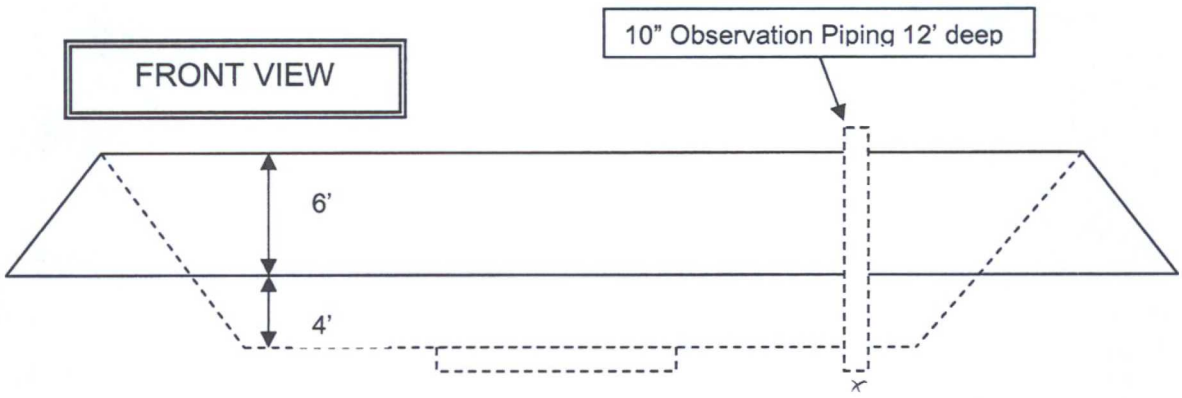
Map of 1017 W Stanolind Rd, Hobbs, NM 88240-7675

YAHOO! LOCAL Maps

When using any driving directions or map, it's a good idea to do a reality check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning.

Attachment 3
North Hobbs Unit Central Tank Battery
Emergency Overflow Pit Drawing





New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 18S Range: 38E Sections: 29

NAD27 X: Y: Zone: Search Radius:

County: LE Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

POD / Surface Data Report | Avg Depth to Water Report | Water Column Report

Clear Form | iWATERS Menu | Help

AVERAGE DEPTH OF WATER REPORT 12/19/2008

								(Depth Water in Feet)		
Bsn	**Tws**	**Rng**	**Sec**	**Zone**	**X**	**Y**	**Wells**	**Min**	**Max**	**Avg**
L	18S	38E	29				40	38	120	58

Record Count: 40

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 18S Range: 38E Sections: 29

NAD27 X: Y: Zone: Search Radius:

County: LE Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

POD / Surface Data Report | Avg Depth to Water Report | Water Column Report

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POD / SURFACE DATA REPORT 12/19/2008

(acre ft per annum) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest

DB File Nbr	Use	Diversion	Owner	POD Number	Source	Tws	Rng	Sec	q	q	q
L 01937	IRR	0	GRIMES LAND COMPANY	L 11176	Shallow	18S	38E	29	4	1	4
L 04547	DOM	3	B. A. MALECHECK	L 04547	Shallow	18S	38E	29	1	3	1
				L 04547 APPRO	Shallow	18S	38E	29	1	3	1
L 05577	DOM	0	DAVE E. WOOD	L 05577 EXP		18S	38E	29	2	2	
L 06203	DOM	0	DOW COTTRELL	L 06203 EXP		18S	38E	29	2		
L 06444	DOM	3	JIMMY ENYEART	L 06444	Shallow	18S	38E	29	3		
L 06453 (E)	PRO	0	CONTINENTAL OIL COMPANY	L 06453 (E) EXP		18S	38E	29	3	4	1
L 06453 (E)2	PRO	0	CONTINENTAL OIL COMPANY	L 06453 (E)2 EXP		18S	38E	29	3	4	1
L 06570 (E)	PRO	0	MORAN OIL PROD & DRILLING CORP	L 06570 (E)	Shallow	18S	38E	29	3	3	3
L 06603	DOM	0	RICHARD JOHNSON	L 06603 EXP		18S	38E	29	2	1	2
L 06717	DOM	3	E. C. FOWLER	L 06717	Shallow	18S	38E	29	2	4	
L 06745 (E)	PRO	0	ROC RIC DRILLING CORP.	L 06745 (E)	Shallow	18S	38E	29	1	3	1
L 07005	SAN	3	TWO-STATE TANK RENTAL CO.	L 07005	Shallow	18S	38E	29	3	3	1
L 07017	DOM	3	APEX FREIGHT LINES	L 07017	Shallow	18S	38E	29	3	3	
L 07068	DOM	3	SHELL OIL COMPANY (OFFICE @ WAR / SANGER)	L 07068	Shallow	18S	38E	29	3	3	3
L 07163	DOM	3	JOE LISENBEE	L 07163	Shallow	18S	38E	29	1	2	
L 07427	DOM	3	DON COTTRELL	L 07427	Shallow	18S	38E	29	2	4	
L 07432	DOM	3	NORMAN L. WILLIAMS	L 07432	Shallow	18S	38E	29	2	4	
L 07434	DOM	3	N.E. WILLIAMS	L 07434	Shallow	18S	38E	29	2	4	4

L	07528	OBS	0	PHILLIPS PETROLEUM COMPANY	L	07528 EXP 2		18S	38E	29	4	1	4
					L	07828 EXP		18S	38E	29	4	1	4
L	07530	OBS	0	PHILLIPS PETROLEUM COMPANY	L	07530 EXP		18S	38E	29	1	2	4
					L	07530 EXP 2		18S	38E	29	1	2	4
L	07531	OBS	0	PHILLIPS PETROLEUM COMPANY	L	07531 EXP		18S	38E	29	1	3	1
					L	07531 EXP 2		18S	38E	29	1	3	1
L	07570	DOM	3	SOUTHWESTERN DRILLING MUD	L	07570	Shallow	18S	38E	29	3	3	3
L	07628	DOM	3	DAVE E. WOOD	L	07628		18S	38E	29	2	2	1
L	07673	DOM	3	LARRY FELKINS	L	07673	Shallow	18S	38E	29	2	2	2
L	07754	OBS	3	CROWN CHEMICAL COMPANY	L	07754	Shallow	18S	38E	29	2	4	
L	07825	DOM	3	DONNY CAMPBELL	L	07825	Shallow	18S	38E	29	2	2	1
L	07826	DOM	3	JERRY BERRY	L	07826	Shallow	18S	38E	29	2	2	3
L	07839	DOM	3	N. E. WILLIAMS	L	07839	Shallow	18S	38E	29	2	4	
L	08131	DOM	3	A. T. JOHNSON	L	08131	Shallow	18S	38E	29	3	1	
L	08135	DOM	3	J. D. WHESENHUNT	L	08135	Shallow	18S	38E	29	2	4	
L	08191	SAN	3	TOMMY MCDANIEL	L	08191	Shallow	18S	38E	29	2	2	2
L	08228	SAN	3	DOW COTTRELL	L	08228	Shallow	18S	38E	29	2	1	4
L	08229	DOM	3	MAX WHITE	L	08229	Shallow	18S	38E	29	2	4	1
L	08370	SAN	3	NORMAN L. WILLIAMS	L	08370	Shallow	18S	38E	29	2	2	4
L	08429	DOM	3	DOW COTTRELL	L	08429	Shallow	18S	38E	29	4	1	2
L	08446	DOM	3	JERRY L. BROTHERS	L	08446	Shallow	18S	38E	29	2		
L	08448	SAN	3	JACK STRINGER	L	08448	Shallow	18S	38E	29	2	4	1
L	08737	DOM	3	DANIEL SAGE	L	08737	Shallow	18S	38E	29	2	4	
L	08860	SAN	3	TOMMY MCDANIEL	L	08860	Shallow	18S	38E	29	2		
					L	08860 EXP		18S	38E	29	2		
L	08867	SAN	3	BIG HORN TANK RENTAL	L	08867	Shallow	18S	38E	29	2	2	
L	09586	DOM	3	KELDON COTTRELL	L	09586	Shallow	18S	38E	29	2	4	
L	09682	SAN	3	JERRY BROTHERS	L	09682	Shallow	18S	38E	29	2	2	3
L	09705	SAN	3	TJ & C	L	09705	Shallow	18S	38E	29	3	3	4
L	09777	SAN	3	PAUL MUSSLEWHITE TRUCKING CO.	L	09777	Shallow	18S	38E	29	1		
L	09792	DOM	3	G. A. COOK	L	09792	Shallow	18S	38E	29	1	1	
L	10860	DOM	3	KELLY WILLIAMS	L	10860	Shallow	18S	38E	29	1	1	1
L	10913	DOM	0	RAYMOND STONE	L	10913		18S	38E	29	1	3	3
L	11171	SAN	3	CONOCO	L	11171	Shallow	18S	38E	29	3	4	1
L	11176		0	TEXLAND PETROLEUM-HOBBS, LLC	L	11176	Shallow	18S	38E	29	4	1	4
L	11365	PRO	3	GARY SCHUBERT	L	11365	Shallow	18S	38E	29	1	4	4
L	11886	SAN	3	DAVID HICKS	L	11886 POD1	Shallow	18S	38E	29	3	3	4
L	12052	DOM	1	NORMAN WILLIAMS	L	12052 POD1	Shallow	18S	38E	29	2	4	2
L	12068	DOM	1	KELDON COTTRELL	L	12068 POD1	Shallow	18S	38E	29	2	4	2
L	12161	DOM	1	JOE SPALDING	L	12161 POD1	Shallow	18S	38E	29	2	2	1
L	12304	DOM	1	BRIA CLINE	L	12304 POD1	Shallow	18S	38E	29	2	4	2

Record Count: 60

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 18S Range: 38E Sections: 29

NAD27 X: Y: Zone: Search Radius:

County: LE Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ◉ Domestic ○ All

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POD / SURFACE DATA REPORT 12/19/2008

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest

DB File Nbr	Use (acre ft per annum)	Diversion	Owner	POD Number	Source	Tws	Rng	Sec	q	q	q
L 01937	IRR	0	GRIMES LAND COMPANY	L 11176	Shallow	18S	38E	29	4	1	4
L 04547	DOM	3	B. A. MALECHECK	L 04547	Shallow	18S	38E	29	1	3	1
				L 04547 APPRO	Shallow	18S	38E	29	1	3	1
L 05577	DOM	0	DAVE E. WOOD	L 05577 EXP		18S	38E	29	2	2	
L 06203	DOM	0	DOW COTTRELL	L 06203 EXP		18S	38E	29	2		
L 06444	DOM	3	JIMMY ENYEART	L 06444	Shallow	18S	38E	29	3		
L 06453 (E)	PRO	0	CONTINENTAL OIL COMPANY	L 06453 (E) EXP		18S	38E	29	3	4	1
L 06453 (E)2	PRO	0	CONTINENTAL OIL COMPANY	L 06453 (E)2 EXP		18S	38E	29	3	4	1
L 06570 (E)	PRO	0	MORAN OIL PROD & DRILLING CORP	L 06570 (E)	Shallow	18S	38E	29	3	3	3
L 06603	DOM	0	RICHARD JOHNSON	L 06603 EXP		18S	38E	29	2	1	2
L 06717	DOM	3	E. C. FOWLER	L 06717	Shallow	18S	38E	29	2	4	
L 06745 (E)	PRO	0	ROC RIC DRILLING CORP.	L 06745 (E)	Shallow	18S	38E	29	1	3	1
L 07005	SAN	3	TWO-STATE TANK RENTAL CO.	L 07005	Shallow	18S	38E	29	3	3	1
L 07017	DOM	3	APEX FREIGHT LINES	L 07017	Shallow	18S	38E	29	3	3	
L 07068	DOM	3	SHELL OIL COMPANY	L 07068	Shallow	18S	38E	29	3	3	3
L 07163	DOM	3	JOE LISENBEE	L 07163	Shallow	18S	38E	29	1	2	
L 07427	DOM	3	DON COTTRELL	L 07427	Shallow	18S	38E	29	2	4	
L 07432	DOM	3	NORMAN L. WILLIAMS	L 07432	Shallow	18S	38E	29	2	4	
L 07434	DOM	3	N.E. WILLIAMS	L 07434	Shallow	18S	38E	29	2	4	4

L	07528	OBS	0	PHILLIPS PETROLEUM COMPANY	L	07528 EXP 2		18S	38E	29	4	1	4
					L	07828 EXP		18S	38E	29	4	1	4
L	07530	OBS	0	PHILLIPS PETROLEUM COMPANY	L	07530 EXP		18S	38E	29	1	2	4
					L	07530 EXP 2		18S	38E	29	1	2	4
L	07531	OBS	0	PHILLIPS PETROLEUM COMPANY	L	07531 EXP		18S	38E	29	1	3	1
					L	07531 EXP 2		18S	38E	29	1	3	1
L	07570	DOM	3	SOUTHWESTERN DRILLING MUD	L	07570	Shallow	18S	38E	29	3	3	3
L	07628	DOM	3	DAVE E. WOOD	L	07628		18S	38E	29	2	2	1
L	07673	DOM	3	LARRY FELKINS	L	07673	Shallow	18S	38E	29	2	2	2
L	07754	OBS	3	CROWN CHEMICAL COMPANY	L	07754	Shallow	18S	38E	29	2	4	
L	07825	DOM	3	DONNY CAMPBELL	L	07825	Shallow	18S	38E	29	2	2	1
L	07826	DOM	3	JERRY BERRY	L	07826	Shallow	18S	38E	29	2	2	3
L	07839	DOM	3	N. E. WILLIAMS	L	07839	Shallow	18S	38E	29	2	4	
L	08131	DOM	3	A. T. JOHNSON	L	08131	Shallow	18S	38E	29	3	1	
L	08135	DOM	3	J. D. WHESENHUNT	L	08135	Shallow	18S	38E	29	2	4	
L	08191	SAN	3	TOMMY MCDANIEL	L	08191	Shallow	18S	38E	29	2	2	2
L	08228	SAN	3	DOW COTTRELL	L	08228	Shallow	18S	38E	29	2	1	4
L	08229	DOM	3	MAX WHITE	L	08229	Shallow	18S	38E	29	2	4	1
L	08370	SAN	3	NORMAN L. WILLIAMS	L	08370	Shallow	18S	38E	29	2	2	4
L	08429	DOM	3	DOW COTTRELL	L	08429	Shallow	18S	38E	29	4	1	2
L	08446	DOM	3	JERRY L. BROTHERS	L	08446	Shallow	18S	38E	29	2		
L	08448	SAN	3	JACK STRINGER	L	08448	Shallow	18S	38E	29	2	4	1
L	08737	DOM	3	DANIEL SAGE	L	08737	Shallow	18S	38E	29	2	4	
L	08860	SAN	3	TOMMY MCDANIEL	L	08860	Shallow	18S	38E	29	2		
					L	08860 EXP		18S	38E	29	2		
L	08867	SAN	3	BIG HORN TANK RENTAL	L	08867	Shallow	18S	38E	29	2	2	
L	09586	DOM	3	KELDON COTTRELL	L	09586	Shallow	18S	38E	29	2	4	
L	09682	SAN	3	JERRY BROTHERS	L	09682	Shallow	18S	38E	29	2	2	3
L	09705	SAN	3	TJ & C	L	09705	Shallow	18S	38E	29	3	3	4
L	09777	SAN	3	PAUL MUSSLEWHITE TRUCKING CO.	L	09777	Shallow	18S	38E	29	1		
L	09792	DOM	3	G. A. COOK	L	09792	Shallow	18S	38E	29	1	1	
L	10860	DOM	3	KELLY WILLIAMS	L	10860	Shallow	18S	38E	29	1	1	1
L	10913	DOM	0	RAYMOND STONE	L	10913		18S	38E	29	1	3	3
L	11171	SAN	3	CONOCO	L	11171	Shallow	18S	38E	29	3	4	1
L	11176		0	TEXLAND PETROLEUM-HOBBS, LLC	L	11176	Shallow	18S	38E	29	4	1	4
L	11365	PRO	3	GARY SCHUBERT	L	11365	Shallow	18S	38E	29	1	4	4
L	11886	SAN	3	DAVID HICKS	L	11886 POD1	Shallow	18S	38E	29	3	3	4
L	12052	DOM	1	NORMAN WILLIAMS	L	12052 POD1	Shallow	18S	38E	29	2	4	2
L	12068	DOM	1	KELDON COTTRELL	L	12068 POD1	Shallow	18S	38E	29	2	4	2
L	12161	DOM	1	JOE SPALDING	L	12161 POD1	Shallow	18S	38E	29	2	2	1
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(acre ft per annum)

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L	07528	OBS	0	PHILLIPS PETROLEUM COMPANY
L	07530	OBS	0	PHILLIPS PETROLEUM COMPANY
L	07531	OBS	0	PHILLIPS PETROLEUM COMPANY
L	07754	OBS	3	CROWN CHEMICAL COMPANY

(quarters are 1=NW 2=NE 3=SW 4=SE)
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POD Number	Source	Tws	Rng	Sec	q	q	q
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L 07528 EXP 2		18S	38E	29	4	1	4
L 07828 EXP		18S	38E	29	4	1	4
L 07530 EXP		18S	38E	29	1	2	4
L 07530 EXP 2		18S	38E	29	1	2	4
L 07531 EXP		18S	38E	29	1	3	1
L 07531 EXP 2		18S	38E	29	1	3	1
L 07754	Shallow	18S	38E	29	2	4	

Record Count: 8