

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

HOBBS OGD

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 CLEZ  
Revised August 1, 2011

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

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### Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action:  Permit  Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

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: Crain's Hot Oil Service, Inc. OGRID # 189886  
Address: P.O. Box 613, Lovington, New Mexico 88260  
Facility or well name: Gulf Deep Well No. 1  
API Number: 30-005-01210 OCD Permit Number: P1-03469  
U/L or Qtr/Qtr C Section 34 Township 14 South Range 31 East County: Chaves  
Center of Proposed Design: Latitude 33.0650224907 Longitude -103.811698825 NAD:  1927  1983  
Surface Owner:  Federal  State  Private  Tribal Trust or Indian Allotment

2.  **Closed-loop System:** Subsection H of 19.15.17.11 NMAC

Operation:  Drilling a new well  Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  P&A  
 Above Ground Steel Tanks or  Haul-off Bins

3. **Signs:** Subsection C of 19.15.17.11 NMAC

12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  
 Signed in compliance with 19.15.16.8 NMAC

4. **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.

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 Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC  
 Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_  
 Previously Approved Operating and Maintenance Plan API Number: \_\_\_\_\_

5. **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: Solids-Gandy Marley Landfarm Disposal Facility Permit Number: 01-0019  
Disposal Facility Name: Liquids-Gulf Deep No. 1 Disposal Facility Permit Number: SWD-1158-A

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

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

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6. **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): David Catanach Title: Agent-Crain's Hot Oil Service, Inc.  
 Signature: David Catanach Date: 11/30/11  
 e-mail address: drccatanach@netscape.com Telephone: (505) 690-9452

7. **OCD Approval:**  Permit Application (including closure plan)  Closure Plan (only)

OCD Representative Signature: [Signature] Approval Date: 12/7/11  
 Title: \_\_\_\_\_ OCD Permit Number: P1-03969

8. **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: \_\_\_\_\_

9. **Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**  
*Instructions: Please identify 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

10. **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): David Catanach Title: Agent-Crain's Hot Oil Service, Inc.  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 e-mail address: drccatanach@netscape.com Telephone: (505) 690-9453

**Crain's Hot Oil Service, Inc.**  
**Division Form C-144**  
**Gulf Deep Well No. 1**  
**660' FNL & 1980' FWL (Unit C) 34-14S-31E**  
**Design Plan, Operating & Maintenance Plan & Closure Plan**

**DESIGN PLAN**

The Gulf Deep Well No. 1 will be cleaned out to total depth of 13,230'. Drill cuttings and drilling fluid will run through a shale shaker where they will be separated. Drill cuttings will be stored in a haul-off bin that will be transported to Gandy Marley Landfarm. Drilling fluid will be re-circulated to the steel tanks. Equipment to be utilized on location includes:

Shale Shaker  
1 Mud Pump  
1-500 bbl steel tank (Fresh water supply)  
1-180 bbl steel working pit  
2-75 bbls steel haul-off bins

**OPERATION & MAINTENANCE**

All components of the drilling system will be continually monitored and visually inspected at frequent intervals to assure proper operation. Any component malfunction will result in suspension of drilling operations until the problem can be repaired. Any leaks or discharges will be cleaned up and reported to the NMOCD.

**Closure Plan**

Upon completion of drilling and completion operations, the haul-off bins will be transported to Gandy Marley Landfarm. This site is authorized by NMOCD to accept drill cuttings and associated drilling waste.