

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

HOBBS OCD

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

JUN 27 2013

Form C-144 CLEZ
July 21, 2008

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.

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: Apache Corporation OGRID #: 873
 Address: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705
 Facility or well name: White Owl #001 (303233)
 API Number: 30-025-36689 OCD Permit Number: P1-05882
 U/L or Qtr/Qtr D Section 02 Township 20S Range 38E County: Lea
 Center of Proposed Design: Latitude 32.6077956343363 Longitude -103.126718303544 NAD: 1927 1983
 Surface Owner: Federal State Private Tribal Trust or Indian Allotment

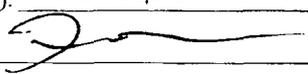
FOR RECORD ONLY

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 19.15.3.103 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 identify 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: Sundance, Inc. Disposal Facility Permit Number: NM-01-0003
 Disposal Facility Name: CRI Disposal Facility Permit Number: NM-01-0006
 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

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): Fatima Vasquez Title: Regulatory Tech I
 Signature:  Date: 03/04/2013
 e-mail address: Fatima.Vasquez@apachecorp.com Telephone: (432) 818-1015

MAR 13 2013

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

OCD Representative Signature: [Signature]
Petroleum Engineer

Approval Date: 03/12/13

Title: _____

OCD Permit Number: P1-05882

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: 05/14/2013

9. **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: Sundance, Inc. Disposal Facility Permit Number: NM-01-0003

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): Fatima Vasquez Title: Regulatory Tech I

Signature: [Signature] Date: 06/20/2013

e-mail address: Fatima.Vasquez@apachecorp.com Telephone: (432) 818-1015

GL=3573'
KB=3590'
Spud:6/16/04

Apache Corporation – White Owl #1

Wellbore Diagram

Date : 6/11/2013

API: 30-025-36689

Surface Location

K. Grisham



582' FNL & 330' FWL,
Lot D Sec 2, T20S, R38E, Lea County, NM

Surface Casing

13-3/8" 48# @ 127' w/ 200 sxs to surface

Intermediate Casing

8-5/8" 24# J-55 @ 1636' w/ 725 sxs

TAC @ 5893'

SN @ 7656'

9/12: Acidize w/ 1500 gal 15% NEFE HCL w/ 110 gal Super A-SOL across all perms

9/04: Perf Blinebry @ 5982-86; 6042-47; 6068-84; 6134-39 w/ 4 jspf. Acidized w/ 4000 gal 20% AS290. Frac'd w/ 60k gal gelled w/ 807 SCF N2 w/ 90k# 20/40 snd & 30k# 20/40 PropNet

9/04: Perf Tubb @ 6802-08; 6818-20; 6827-30; 6835-38; 6843-49; 6858-60; 6885-90 w/ 4 jspf. Acidized w/ 3000 gal 20% AS290. Frac'd w/ 30k gal 2% KCL w/ 52k# 20/40 snd.

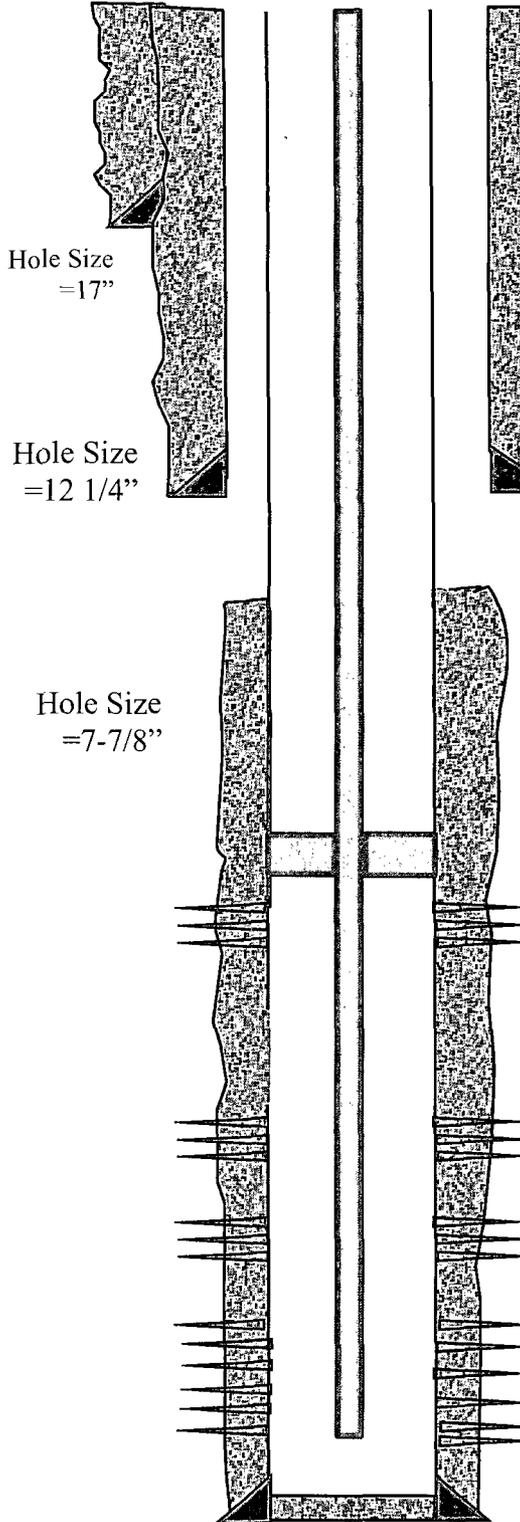
8/04: Perf Drinkard @ 6986-94; 7062-70; 7082-86; 7100-06 w/ 4 jspf. Acidized w/ 3000 gal 15% NEFE. Frac'd w/ 42k gal 30Q 15 & 20% SXE w/ 20k# 20/40 snd.

8/04: CCL/CBL would not fall past 7557'

5/13: Perf Abo @ 7425-29; 7457-64; 7472-74; 7492-7501; 7523-28; 7533-47; 7560-68; 7590-7604; 7612-16; 7632-38 w/ 2 jspf. (146 holes). Acidize w/ 5,000 gal 15% NEFE

Production Casing

5-1/2" 17# N-80 @ 7741' w/ 1710 sxs to surface



Hole Size
=17"

Hole Size
=12 1/4"

Hole Size
=7-7/8"

PBTD = 7,701'
MD = 7,741'