HOBBS OCD

OCT 27 2014

RECEIVED

ATTACHMENT 3

CLOSED LOOP DESIGN PLAN FOR ZIA AGI WELLS

OCT 28 2014

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

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
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: DCP MIDSTREAM, LC OGRID #:

Address: 370 17th STREET, SUITE 2500, DENVER, CO 80202

Facility or well name: ZIA AGI #1 & AGI #2

API Number: PENDING OCD Permit Number: PENDING

U/L or Qtr/Qtr Unit O Section 19 Township 17S Range 32E County: Lea

Center of Proposed Design: Latitude 32.64459881 Longitude -103.8111449 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 19.15.3.103 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 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: Controlled Recovery, Inc. Disposal Facility Permit Number: NM-1-006

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

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): _Alberto A. Gutiérrez, RG Title: Consultant to Frontier Field Services, LLC.

Signature: Date:

e-mail address: aag@geolex.com Telephone: 505-842-8000

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

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

Title: _____ **OCD Permit Number:** _____

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 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

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): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

Closed Loop System Design Plan (pursuant to 19.15.17.11 NMAC):

The closed loop design does not incorporate any temporary pits or below-grade tanks. The plan uses above-ground tanks suitable to contain the fluids and cuttings generated during the drilling operations. The volume(s) of the tank(s) will be suitable to contain all anticipated fluids with an adequate freeboard for periodic removal of cuttings and fluids.

The fluids and cuttings will be held in temporary steel tanks, allowing settling of the cuttings and recycling of the drilling fluids. Following completion of drilling operations, the fluids and cuttings will be removed to a permitted disposal facility in Lea County (Controlled Recovery, Inc.).

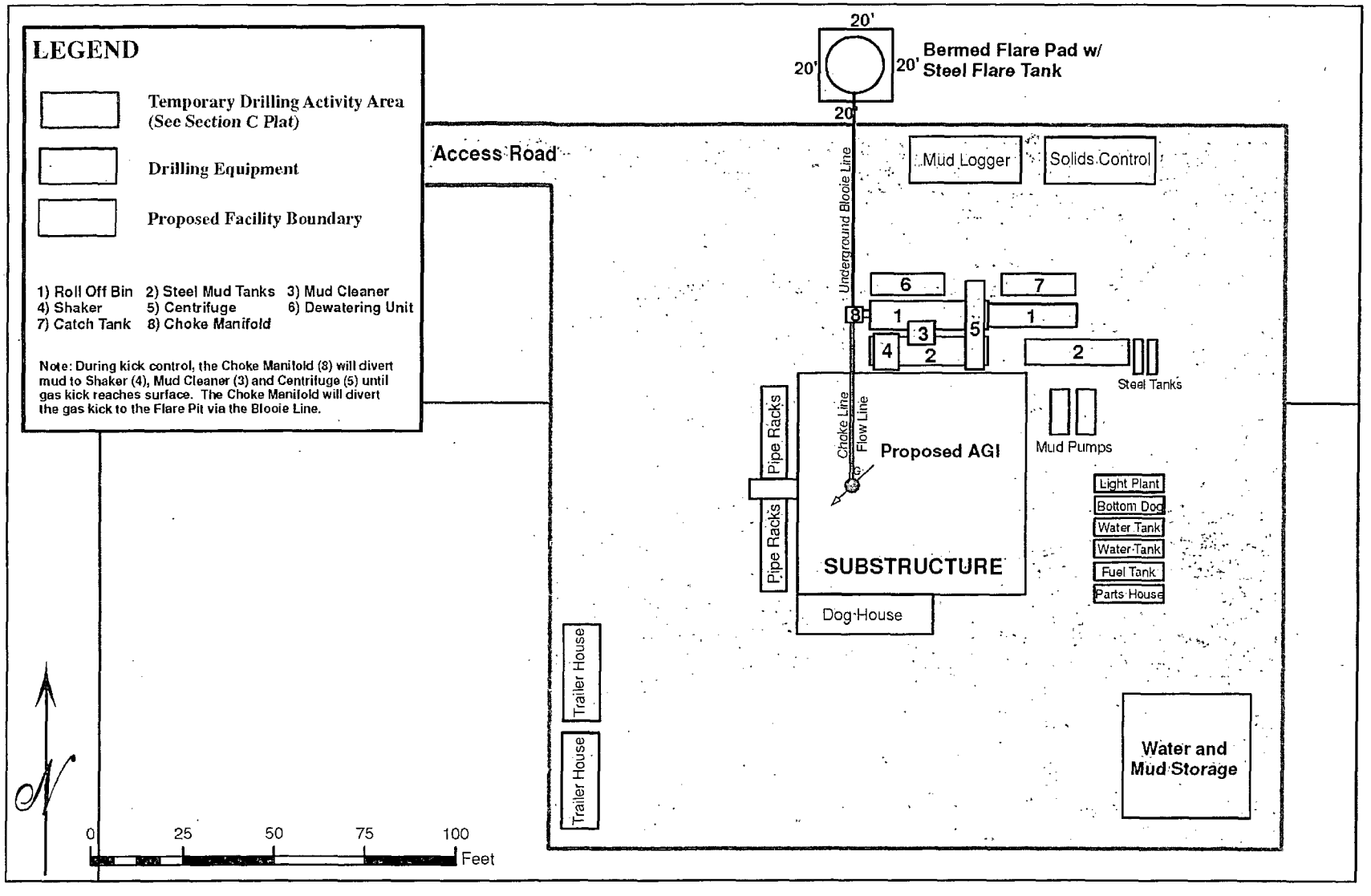
The grading and operation of the drilling pad will be maintained to minimize and control on-run and off-run from storm water.

Closed Loop Operations and Maintenance Plan (pursuant to 19.15.17.12 NMAC):

1. Any free liquids will be recovered and reused, disposed of at the Controlled Recovery, Inc. facility (Permit # NM-1-006), or relocated for use in other permitted drilling operations.
2. Drill solids will be periodically removed from the site and transported to the Controlled Recovery facility for disposal, as required to maintain a safe freeboard on the tanks. No on-site disposal or burial of cuttings will occur.
3. All drilling materials and trash will be stored and disposed of in an appropriate manner.
4. The NMOCD and BLM will be notified within 48 hours of the discovery of any compromised integrity of the closed loop containment. Any required repairs will commence immediately.

Close Loop Closure Plan (pursuant to 19.15.17.9 NMAC and 19.15.17.13 NMAC):

1. Following the completion of drilling operations, the temporary fluid tanks will be cleaned and the final residues hauled and disposed of by Controlled Recovery, Inc. facility (Permit # NM-1-006).
2. The site will be re-graded as necessary to maintain drainage control and minimize erosion. Since the drilling site is owned by the Operator (Frontier Field Services, LLC), there will be no impacts to Federal lands or any other property owner.
3. Appropriate fencing, signage and other security measures will be installed after well completion and installation of the surface injection facilities.



Rig Layout and Schematic with Closed Loop System Design

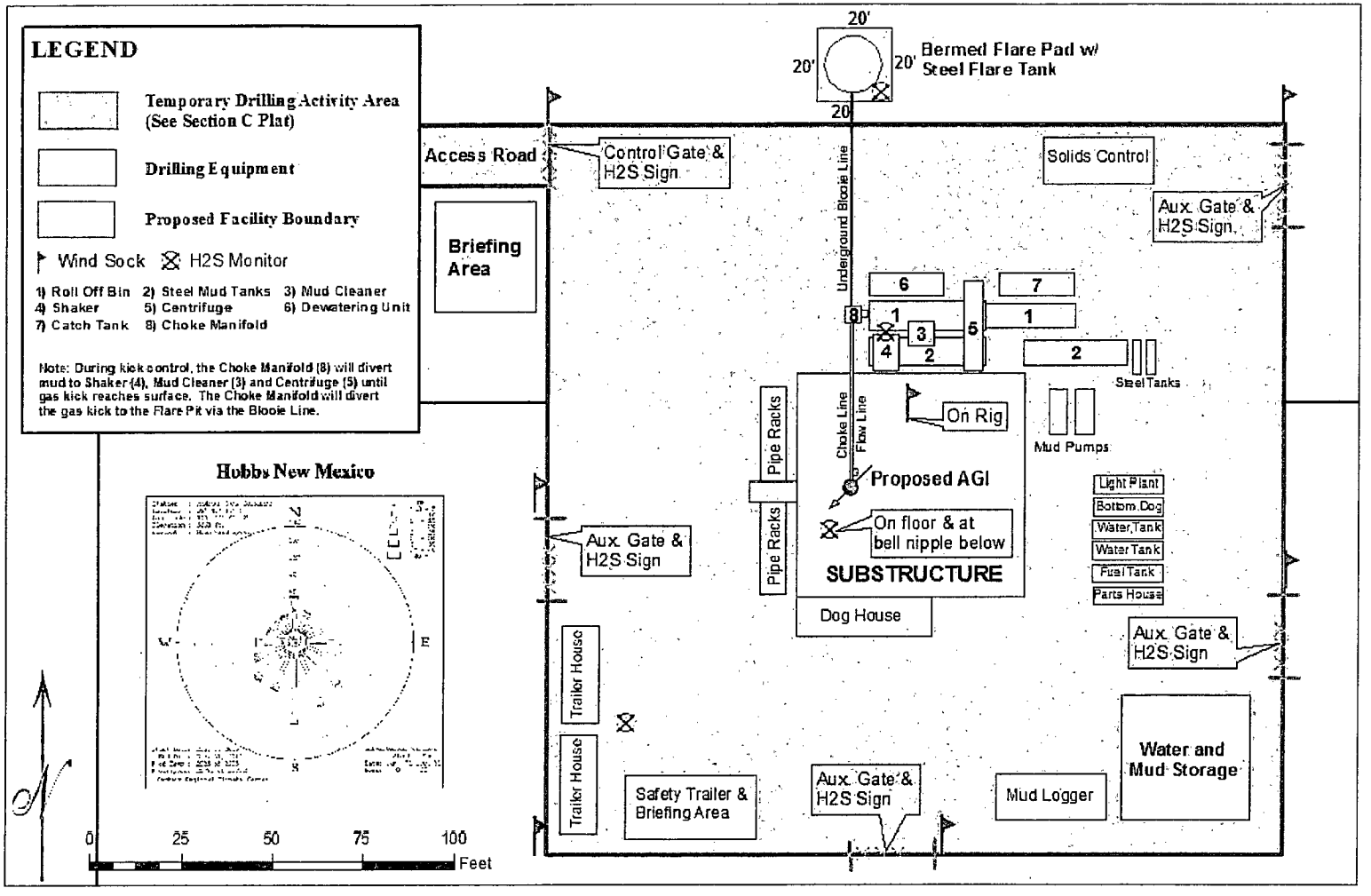


Figure 13: Site Plat Showing H2S Safety Features and Closed Loop System

XI: CLOSED LOOP SYSTEM

Closed Loop System Design Plan (pursuant to 19.15.17.11 NMAC):

Figures 12 and 13 detail the components of the BOPE and the closed loop design, respectively.

The closed loop design does not incorporate any temporary pits or below-grade tanks. The plan uses above-ground tanks suitable to contain the fluids and cuttings generated during the drilling operations. The volume(s) of the tank(s) will be suitable to contain all anticipated fluids with an adequate freeboard for periodic removal of cuttings and fluids.

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2. The site will be re-graded as necessary to maintain drainage control and minimize erosion. Since the drilling site is owned by the Operator (Frontier Field Services, LLC), there will be no impacts to Federal lands or any other property owner.
3. Appropriate fencing, signage and other security measures will be installed after well completion and installation of the surface injection facilities.

ATTACHMENT 4

TWELVE POINT SURFACE USE PLAN OF OPERATION