

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 09 2015

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010RECEIVED
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well☐ Gas Well☐ Other

2. Name of Operator

Mack Energy Corporation

3a. Address

P.O. Box 960 Artesia, NM 88210-0960

3b. Phone No. (include area code)

(575) 748-1288

4. Location of Well (Footage, Sec., T,R,M, or Survey Description)

330 FSL & 1650 FWL Sec. 14 T17S R28E

5. Lease Serial No.

NMNM-118706

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

Black Cat Federal #1-4

9. API Well No.

Multiple

10. Field and Pool or Exploratory Area

Empire; Yeso

11. Country or Parish, State

Eddy, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☒ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Name (s) of formation (s) producing water on the lease

Empire; Yeso

Amount of water produced from each formation in barrels per day

600

How water is stored on lease

Fiberglass Tank

How water is moved to disposal facility

Pipelined to Disposal

Operator's name, well name and location, by 1/4 1/4, section township, and range, of the disposal facility. If the disposal facility is an approved disposal system, the operator's name and the name of the disposal system should suffice.

COG Operating LLC

Pronghorn SWD

NE/4 NW/4 Sec. 20 T17S R32E

Disposal Permit

SWD-536

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typled)

Jerry W. Sherrell

Title Production Clerk

Signature

Jerry W. Sherrell

Date 12/9/14

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

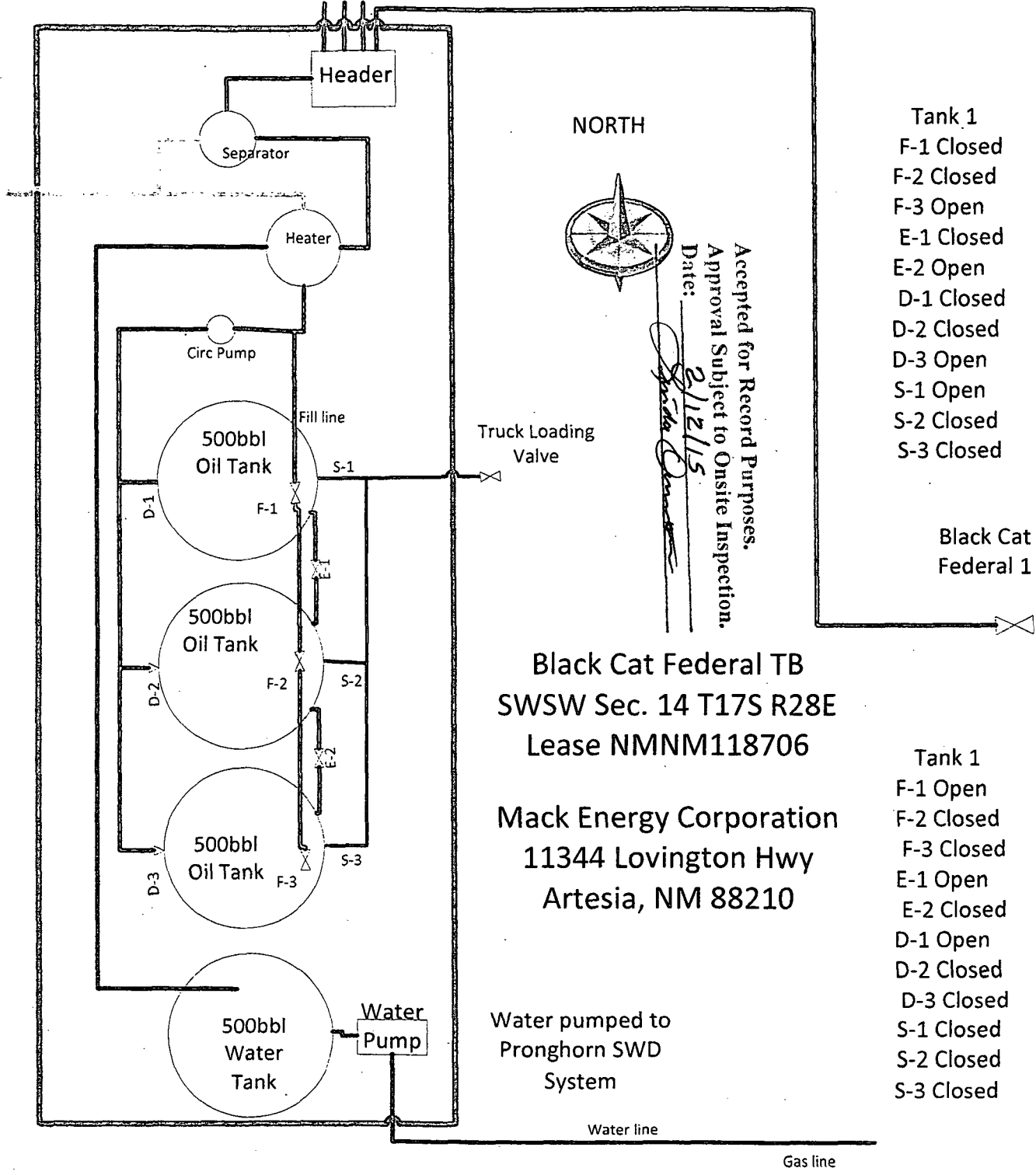
APPROVED

FEB 11 2015

JAMES A. AMOS
SUPERVISOR-EPS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for my person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



Black Cat Federal TB
 SWSW Sec. 14 T17S R28E
 Lease NMNM118706
 Mack Energy Corporation
 11344 Lovington Hwy
 Artesia, NM 88210

Water pumped to
 Pronghorn SWD
 System

Sales Phase

Tank 1
 F-1 Closed
 F-2 Closed
 F-3 Open
 E-1 Closed
 E-2 Open
 D-1 Closed
 D-2 Closed
 D-3 Open
 S-1 Open
 S-2 Closed
 S-3 Closed

Tank 2
 F-1 Closed
 F-2 Closed
 F-3 Closed
 E-1 Closed
 E-2 Open
 D-1 Closed
 D-2 Closed
 D-3 Closed
 S-1 Closed
 S-2 Open
 S-3 Closed

Tank 3
 F-1 Open
 F-2 Closed
 F-3 Closed
 E-1 Open
 E-2 Closed
 D-1 Open
 D-2 Closed
 D-3 Closed
 S-1 Closed
 S-2 Closed
 S-3 Open

Black Cat
 Federal 1

Production Phase

Tank 1
 F-1 Open
 F-2 Closed
 F-3 Closed
 E-1 Open
 E-2 Closed
 D-1 Open
 D-2 Closed
 D-3 Closed
 S-1 Closed
 S-2 Closed
 S-3 Closed

Tank 2
 F-1 Closed
 F-2 Open
 F-3 Closed
 E-1 Open
 E-2 Closed
 D-1 Closed
 D-2 Open
 D-3 Closed
 S-1 Closed
 S-2 Closed
 S-3 Closed

Tank 3
 F-1 Closed
 F-2 Closed
 F-3 Open
 E-1 Closed
 E-2 Open
 D-1 Closed
 D-2 Closed
 D-3 Open
 S-1 Closed
 S-2 Closed
 S-3 Closed

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Disposal of Produced Water From Federal Wells
Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency shall be notified of any change in your method or location of disposal.
2. Compliance with all provisions of Onshore Order No. 7.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. Any on-lease open top storage tanks shall be covered with a protective cover to prevent entry by birds and other wildlife.
6. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
7. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.
8. Disposal at any other site will require prior approval.
9. Subject to like approval by NMOCD.

7/10/14