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UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

## SUDDRY NOTICES AND REPORTS ON WELLS

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

OCD-HOBBS

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

NM-02791 A

6 If Indian, Allottee or Tribe Name

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

North El Mar Unit  
NM 70994X

8 Well Name and No.

North El Mar Unit #19

9. API Well No.

30 025 08432

10. Field and Pool, or Exploratory Area

El Mar (Delaware)

11 County or Parish, State

Lea County, N.M.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator

Sahara Operating Company

3a Address

P.O. Box 4130, Midland, TX 79704

3b Phone No. (include area code)

432/697-0967

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

1980' FSL & 1980' FWL, Sec 30, T26S, R33E, NMPM  
Unit Letter "K"

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treatment☐ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Propose to P&amp;A well as follows:

Spot 20 sx cmt on CIBP @ 4667', circ hole with mud. 25 sx  
Perf & squeeze 25 sx @ 3300' 130' plug 3300 - 3170, woc Tag  
Perf & squeeze 25 sx @ 950' 100' plug 950-850, woc Tag  
Perf & Squeeze 30 sx @ 415' 100' plug 415-315, woc Tag  
.Spot 10 sx surface plug perf @ 60' circ to surf in/out.  
Cut off wellheads, install P&A marker

Wellbore is as follows:

8-5/8" csg @ 365'

4-1/2" @ 4749' w/175 sx, TOC @ 3925'

Perfs: 4705'-4746'

CIBP: @ 4667'

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Robert McAlpine

Title

President

Signature

Date

3/26/2009

APPROVED

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.

DISTRICT 1 SUPERVISOR

Title

Office

APR 5 2009  
DateJAMES A. AMOS  
SUPERVISOR-EPS

HOLE SIZE \_\_\_\_\_

CASING SIZE 8 5/8

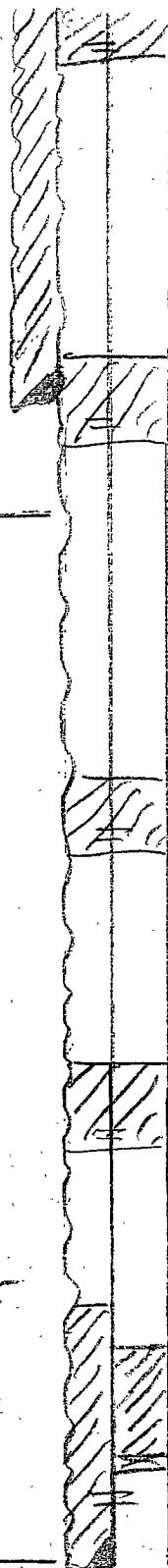
TD 365

HOLE SIZE \_\_\_\_\_

1.75 SX cent

CASING SIZE 4 1/2

TD 4749



Perf @ 60' cased

Top 315  
100' plug

Perf 415 WOC Tag

Perf @ 965 WOC Tag

3170  
130' plug  
Perf @ 3300 WOC Tag

4300 ±

CIR @ 4667  
+ 25 SY DVT

SALT SECTIONS TOP 915

BASE 4430

RIMP ✓

CAVE / KARST ✓

SPEC WATER ✓

FORMATIONS Rustler 675

Top Salt 915

Base Salt 4430

Del. 4655

865  
100' plug

DVT

PERFORATIONS 4705-4753

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

**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed prior to commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you