

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY 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.*5. Lease Serial No.
NMNM54398

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
HOWITZER FEDERAL COM 603H9. API Well No.
30-015-45832-00-S110. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
COG OPERATING LLCContact: MAYTE REYES
E-Mail: mreyes1@concho.com3a. Address
600 W ILLINOIS AVENUE
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 575-748-6945

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

Sec 12 T24S R28E NENE 1044FNL 620FEL
32.236790 N Lat, 104.034302 W Lon**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

- ☐
- Acidize
-
- ☐
- Alter Casing
-
- ☐
- Casing Repair
-
- ☐
- Change Plans
-
- ☐
- Convert to Injection

- ☐
- Deepen
-
- ☐
- Hydraulic Fracturing
-
- ☐
- New Construction
-
- ☐
- Plug and Abandon
-
- ☐
- Plug Back

- ☐
- Production (Start/Resume)
-
- ☐
- Reclamation
-
- ☐
- Recomplete
-
- ☐
- Temporarily Abandon
-
- ☐
- Water Disposal

- ☐
- Water Shut-Off
-
- ☐
- Well Integrity
-
- ☒
- Other
-
- Change to Original A
-
- PD

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.

COG Operating LLC, respectfully requests approval for the following changes to the originally approved APD.

Surface:
Drill 26? hole to 285?
Set 20? 94# J-55 BTC casing @ 285?
Cement in one stage to surface:
Tail: 450 sx of Class C + 2% CaCl₂ (14.8 ppg/ 1.36 cuft/sx)

Intermediate 1
2M BOP System
Drill 17.5? hole to 2700?, below the base of the salt

All previous COA shall apply. 2M BOP system shall be install before drilling out the surface casing.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #461694 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 04/17/2019 (19PP1701SE)

Name (Printed/Typed) MAYTE REYES

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/16/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ZQTA STEVENS

Title PETROLEUM ENGINEER

Date 04/17/2019

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.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any 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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

RW 5-24-19

Additional data for EC transaction #461694 that would not fit on the form

32. Additional remarks, continued

Set 13.375? 61# J-55 BTC casing @ 2700?

Cement in single stage to surface

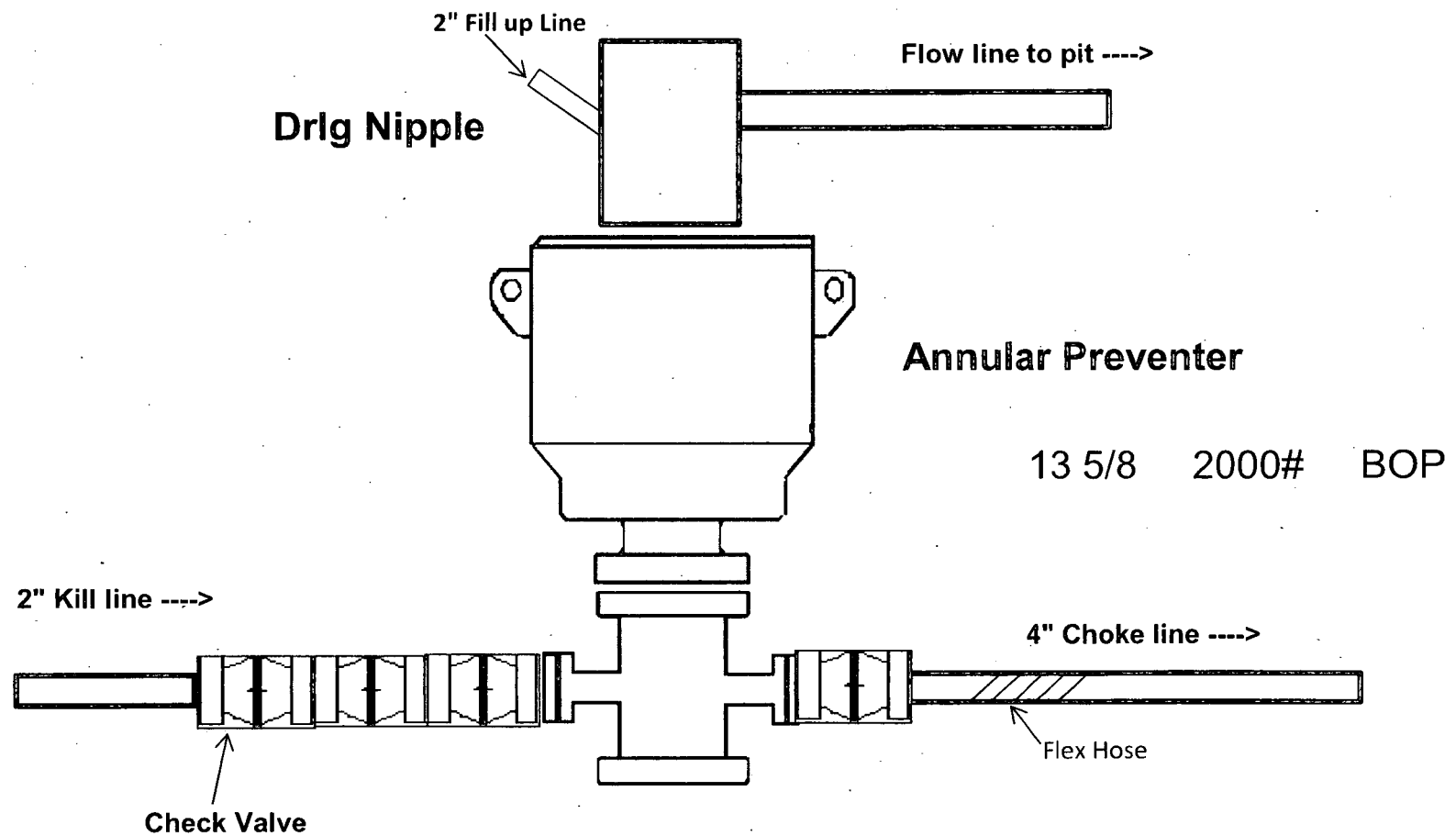
Lead: 1500 sx of Class C+4% Gel (13.5 ppg / 1.75 cuft/ sx)

Tail: 250 sx of Class C+2% CaCl₂ (14.8 ppg/ 1.36 cuft/sx)

Intermediate 2

9 5/8? as per original APD

2,000 psi BOP Schematic



2M Choke Manifold Equipment (WITH MGS + CLOSED LOOP)

