

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.
NMMN01088

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
LUSK DEEP UNIT A 199. API Well No.
30-025-35244-00-S110. Field and Pool or Exploratory Area
Multiple—See Attached11. County or Parish, State
LEA 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: BOBBIE GOODLOE
E-Mail: bgoodloe@concho.com3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-42873b. Phone No. (include area code)
Ph: 575-748-6982

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

Sec 17 T19S R32E SESW 660FSL 1650FWL

12. CHECK THE 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☐ Hydraulic Fracturing☐ 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 recompletion 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.

Basic Data:

13-3/8? @ 829? Circ. Cmt.
8-5/8? @ 4362? TOC surface by bradenhead cement job.
5-1/2? @ 12754? TOC 4350? Temp. Survey.

5.5?/17ppf/M95-110/LTC Burst=10640 psi, 8512 psi at 80% Nom. ID=4.892? Drift ID=4.767? (.0232 B/F)
2-7/8?/6.5/L80/EUE Glassbore Liner ID = 2.25?, Flange ID = 2.20?, Nom Drift ID = 1.95?, 7.0 ppf weight
Inj Pkr @ 11300?
Perfs 11358-11410? (140) Strawn Lime

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

Electronic Submission #469646 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 06/18/2019 (19PP2258SE)

Name (Printed/Typed) BOBBIE GOODLOE

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/18/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

/s/ Jonathon Shepard

Title

Petroleum Engineer
Carlsbad Field Office

Date 24 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.

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.

SUBJECT TO LIKE
APPROVAL BY BLM

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

FOR RECORD ONLY

XZ NMCD

Additional data for EC transaction #469646 that would not fit on the form

10. Field and Pool, continued

SWD

32. Additional remarks, continued

Objective: Temporarily abandon well while a new C108 application to inject is prepared for and processed by the NMOCD (well went 13 months without reported injection in 2017 time frame). Well appears to have a tubing leak now and is shut-in.

Procedure:

1. MIRU WSU, ND wellhead and NU 3K working pressure double ram hydraulic workover BOP package set up for use on federal wells (2-7/8" pipe and blind rams).

2. Unseat packer and TOOH with injection tubing and packer. Tubing was set with 20 points of tension at packer on workover done in 2014.

3. RU wireline truck, install full lubricator and run GR/gauge ring/junk basket to top perf at 11358'. RIH with a CIBP and set at approximately 11300'. Dump bail 35' Class H cement (4.5 sx at 16.4 ppg, 4 sx at 15.6 ppg density) on top of CIBP.

4. POOH with setting tool, load casing with fluid if necessary, close blind rams and test casing to 500 psi for 30 minutes and record on a chart for submittal with the subsequent sundry notice for the BLM. Check the casing x casing annuli (bradenhead test) for pressure.

Note: Contact BLM at 575-393-3612 at least 24 hrs prior to pressure testing the casing.

5. Pick up a 2-7/8"/6.5/L80/EUE or similar work string, RIH to 11260' and circulate the well bore full of clean inhibited (corrosion inhibitor, bactericide, oxygen scavenger) fresh water packer fluid (237 bbls volume with tubing in hole).

6. POOH laying down work string. Top off casing with approx. 25 bbls packer fluid.

7. Install capping tree and RDMO until new injection permit is approved.

ATTACHED PLEASE FIND "BEFORE" AND "AFTER" WELLBORE SCHEMATICS

Well: Lusk Deep Unit A-19 SWD

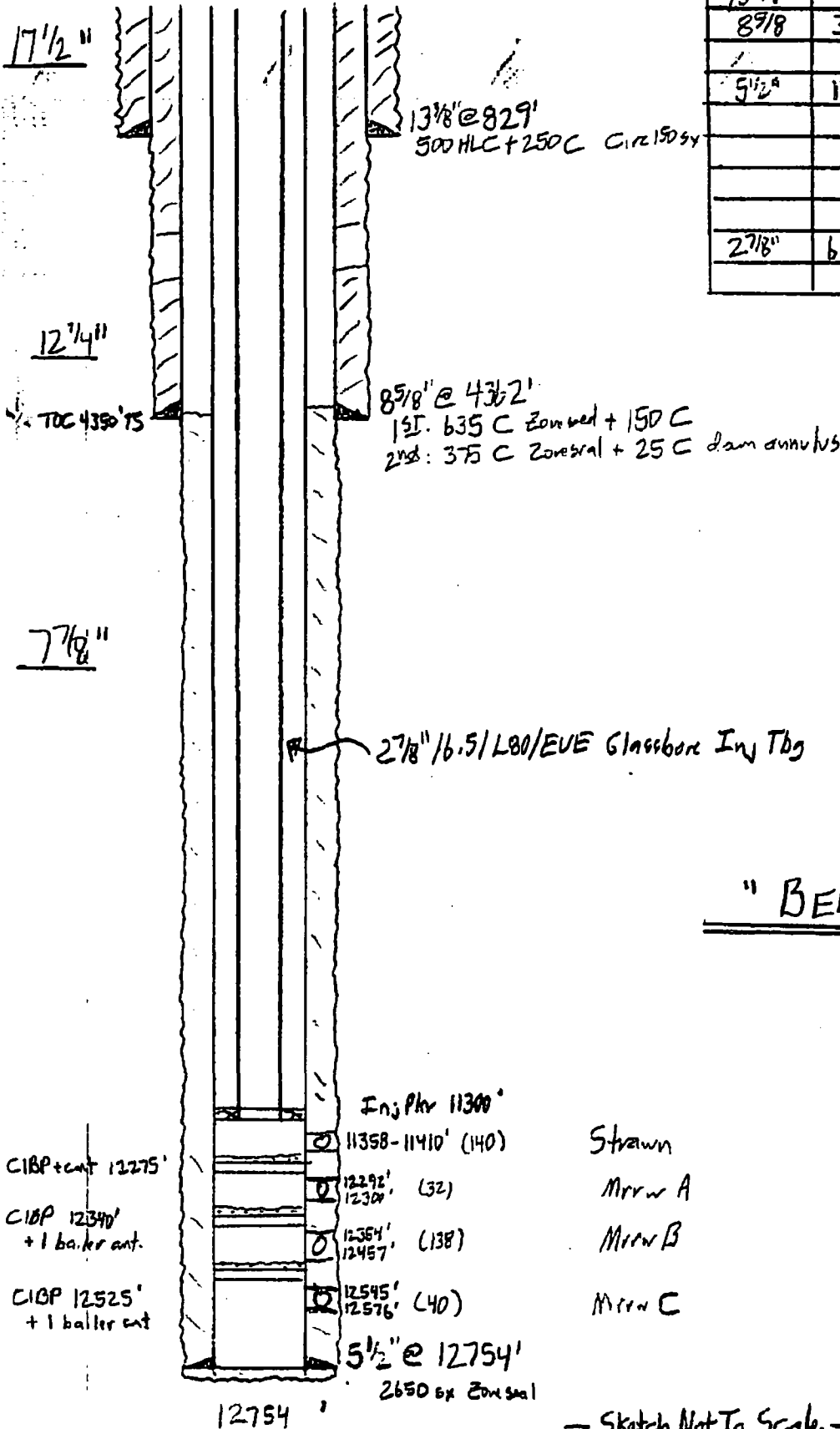
Zero: 17' AGL

Location: 660' FSL, 1650' FWL
N-17-19s-32e
Lea NM

KB: 3601'
GL: 3584'

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 7/8"	48	H40	STC	929'
8 7/8"	32	H55	RTC	4362'
5 1/2"	17	H55-10	LTC	12754'
2 7/8"	6.5	L80	EVE	Glassboro



SWD-821
11358-11410'
Max Press = 2271 psi

" BEFORE "

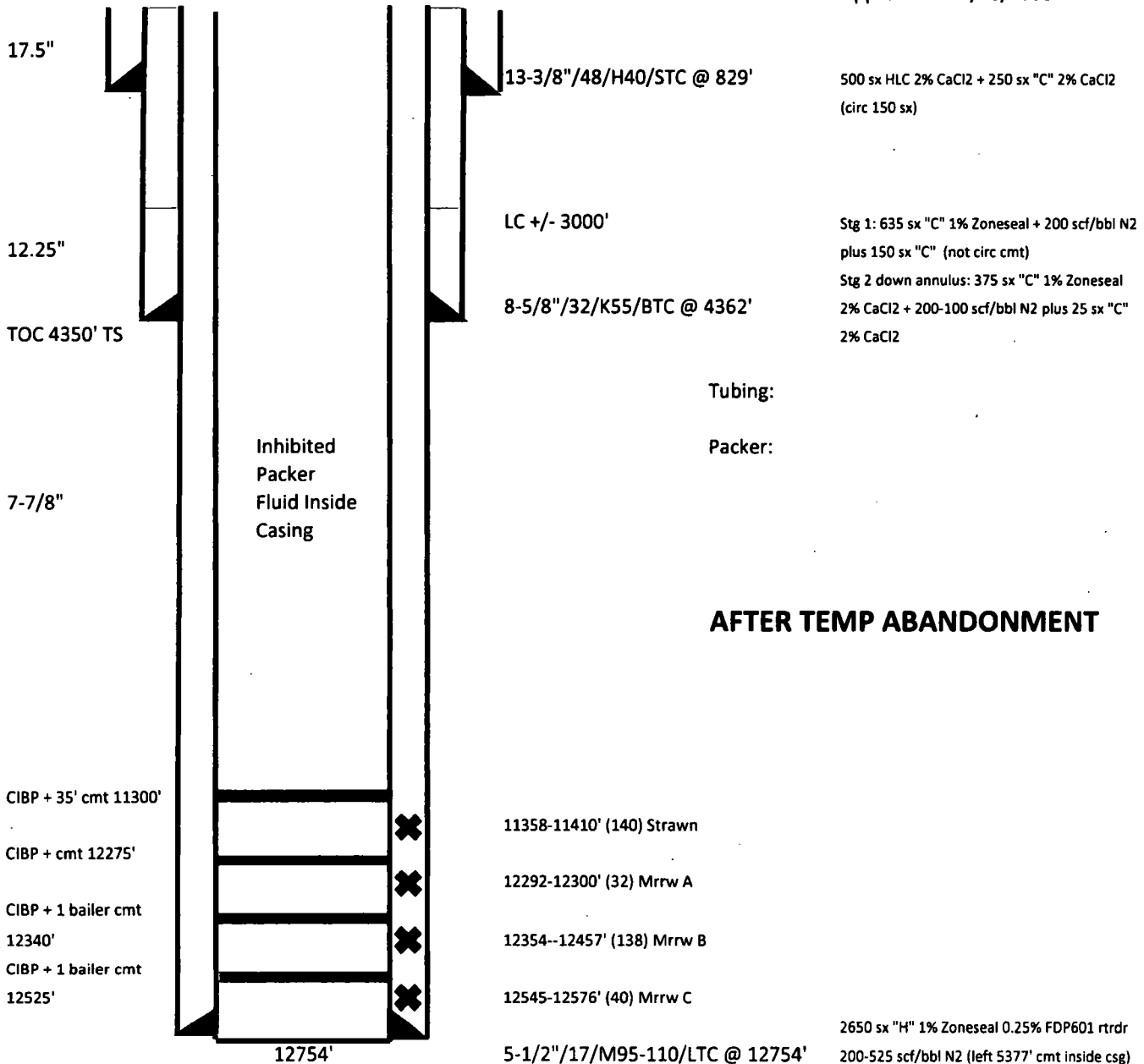
- Sketch Not To Scale -

KBCollins/

Lusk Deep Unit A-19 SWD
 660' FSL, 1650' FWL
 N-17-19s-32e
 Lea, NM
 30-025-35244

Zero: 17' agl
 KB elev: 3601'
 GL elev: 3584'

C108 SWD-821
 Max Press 2271 psi
 Permit 11358-11410'
 Actual 11358-11410'
 Approved 12/18/2001



12/01: Convert to SWD.
 9/08: Repair WO chg tbg.
 8/11: Repair WO hole on/off tool.
 4/12: Repair WO pin corrosion, loss of IPC.
 9/14: Repair WO run new 2-7/8" Glassbore tbg.
 Currently shut in due to expired C108 and suspected tbg/pkr leak (plan to get BLM TA approval and file new C108).

kbcollins

18-Jun-19

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Temporary Abandonment of Wells

Definition: A temporarily abandoned well is a completion that is not capable of production in paying quantities but which may have future value. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Note: TA status "will be effective for a period up to 1 year from the date of NOI approval and can be renewed annually thereafter" per IM NM-2016-017.

1. A bridge plug (CIBP) must be installed 50 to 100 feet above any open perforations or open hole. The CIBP must be capped with either a minimum of 25 sacks of cement if placed with tubing or 35 feet of cement if placed with a bailer. The top of the cement must be verified by tagging.
2. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. If the well does not pass the casing integrity test, then the operator shall, within 30 days, submit a procedure to either repair the casing or to plug and abandon the well.
3. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
4. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if it is not isolated by a packer.
5. A bradenhead test must be conducted. If the test indicates a problem, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
6. Submit a subsequent Sundry Notice (Form 3160-5) with the following information:
 - a. A well bore diagram with all perforations, CIBP's, and tops of cement on CIBP's.
 - b. A description of the temporary abandonment procedure.
 - c. A clear copy or the original of the pressure test chart.