

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.  
NMNM26864

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
RODEN GD FEDERAL 32. Name of Operator  
EOG Y RESOURCES, INC.Contact: TINA HUERTA  
E-Mail: tina\_huerta@eogresources.com9. API Well No.  
30-015-260963a. Address  
104 SOUTH FOURTH STREET  
ARTESIA, NM 882103b. Phone No. (include area code)  
Ph: 575-748-416810. Field and Pool or Exploratory Area  
HOAG TANK; MORROW

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

Sec 24 T19S R24E SENW 1980FNL 1980FWL

11. County or Parish, State

EDDY COUNTY, NM

**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 recomple 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.

This well has valuable up hole recompletion potential. Requesting approval to Temporarily Abandon this well and recomple up hole in 2019 or 2020. Only requesting 2 year TA status. If well fails MIT, contingency plan is to plug and abandon this well immediately following failed MIT. Requesting that the included plugging procedure be reviewed and COAs provided so there is no delay in plugging this well in the event of a failed MIT.

EOG Y Resources, Inc. plans to temporarily abandon this well as follows:

1. MIRU any safety equipment as needed. POOH with all production equipment.
2. RIH with GR/JB to 8870 ft.
3. Set a CIBP at 8850 ft with 35 ft cement on top. WOC and tag. This will place a plug over open perms and Morrow top. Load hole with plugging mud.

1 year max.  
GC 12-17-18  
Accepted for record - NMOCD

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

TA & PER

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

Electronic Submission #444019 verified by the BLM Well Information System  
For EOG Y RESOURCES, INC., sent to the Carlsbad

NM OIL CONSERVATION  
ARTESIA DISTRICT

Name (Printed/Typed) TINA HUERTA

Title REGULATORY SPECIALIST

DEC 12 2018

Signature (Electronic Submission)

Date 11/14/2018

RECEIVED

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

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

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)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #444019 that would not fit on the form**

**32. Additional remarks, continued**

4. Spot a 35 sx Class H cement plug from 8000 ft - 8185 ft. This will place a plug across Strawn top.
5. Set a CIBP at 7616 ft. Tag CIBP. Load hole with plugging mud.
6. Conduct MIT and chart for the BLM & NMOCD.
7. NU WH and shut well in.

If well fails MIT, contingency plan is to plug and abandon this well immediately following failed MIT as follows:

1. MIRU Plugging Rig and rig up all safety equipment as needed.
2. Spot a 38 sx Class H cement plug from 7416 ft - 7616 ft. This will place a plug across Canyon top.
3. Spot a 27 sx Class C cement plug from 5770 ft - 5930 ft. This will place a plug across DV tool. *WOC Tag.*
4. Spot a 27 sx Class C cement plug from 5210 ft - 5370 ft. This will place a plug across Wolfcamp top.
5. Spot a 27 sx Class C cement plug from 3900 ft - 4050 ft. This will place a plug across Abo top.
6. Spot a 25 sx Class C cement plug from 1700 ft - 1850 ft. This will place a plug across Glorieta top.
7. Perforate at 1250 ft. Attempt to establish circulation.
8. Spot a 25 sx Class C cement plug from 1100 ft - 1250 ft. WOC and tag. This will place a plug across 9-5/8 inch casing shoe.
9. Spot an 82 sx Class C cement plug from 490 ft up to surface. This will place a plug across San Andres top.
10. Cut off wellhead and install dry hole marker. Clean location.

Wellbore schematics attached.

Please disregard previous NOI to Plugback approved 5/9/18.

WELL NAME: Roden GD Federal #3 FIELD: \_\_\_\_\_  
 LOCATION: 1980' FNL & 1980' FWL Sec. 24-19S-24E  
 GL: 3,601' ZERO: \_\_\_\_\_ KB: \_\_\_\_\_  
 COMMENTS: API No.: 30-015-26096

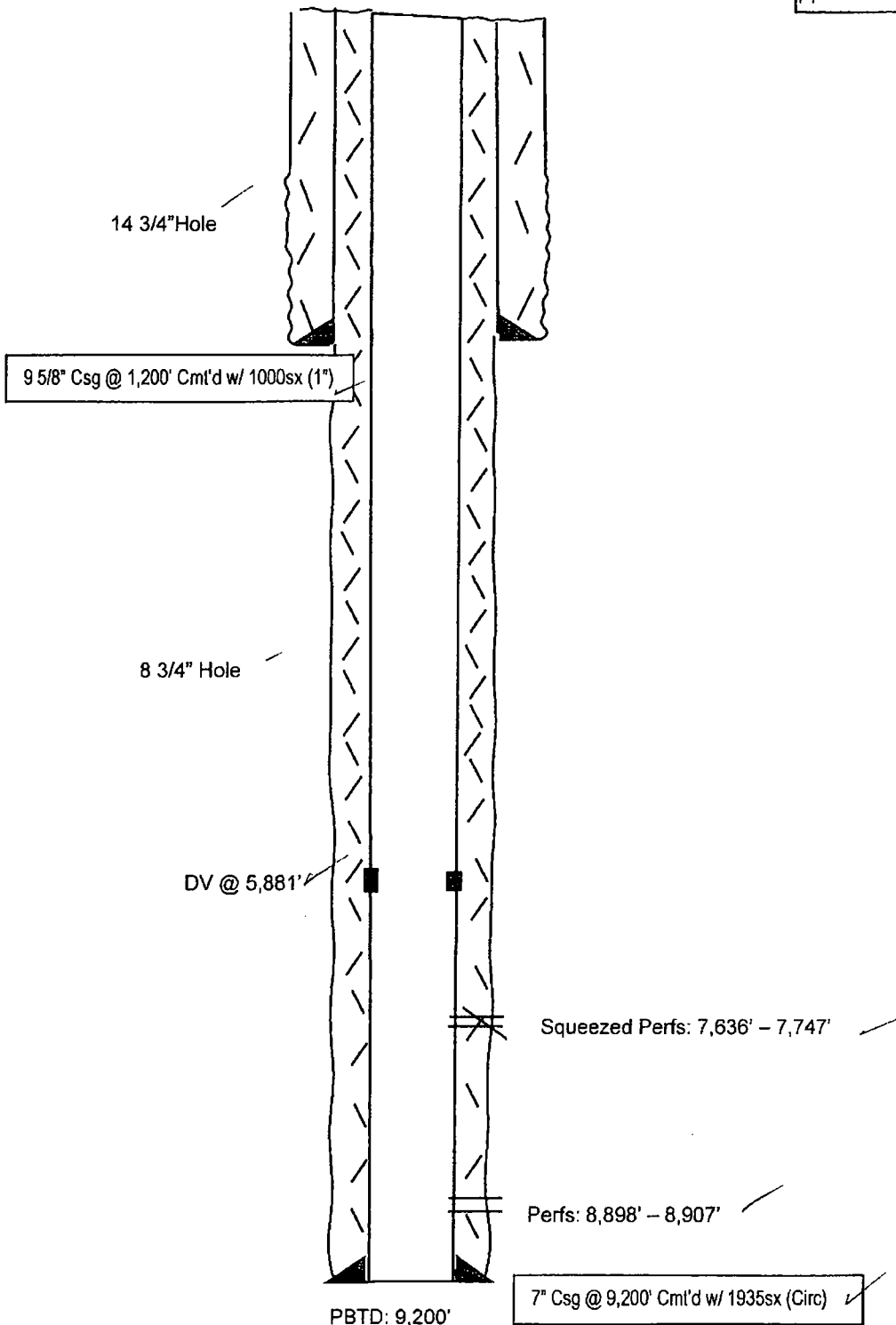
### CASING PROGRAM

9 5/8" 36# J-55	1,200'
7" 26# & 23# N-80 & J-55	9,200'

### Before

### TOPS

San Andres	438'
Glorieta	1,801'
Abo	4,004'
Wolfcamp	5,320'
Canyon	7,480'
Strawn	8,135'
Morrow	8,868'



Not to Scale  
 11/2/18  
 JE

WELL NAME: Roden GD Federal #3 FIELD: \_\_\_\_\_

LOCATION: 1980' FNL & 1980' FWL Sec. 24-19S-24E

GL: 3,601' ZERO: \_\_\_\_\_ KB: \_\_\_\_\_

COMMENTS: API No.: 30-015-26096

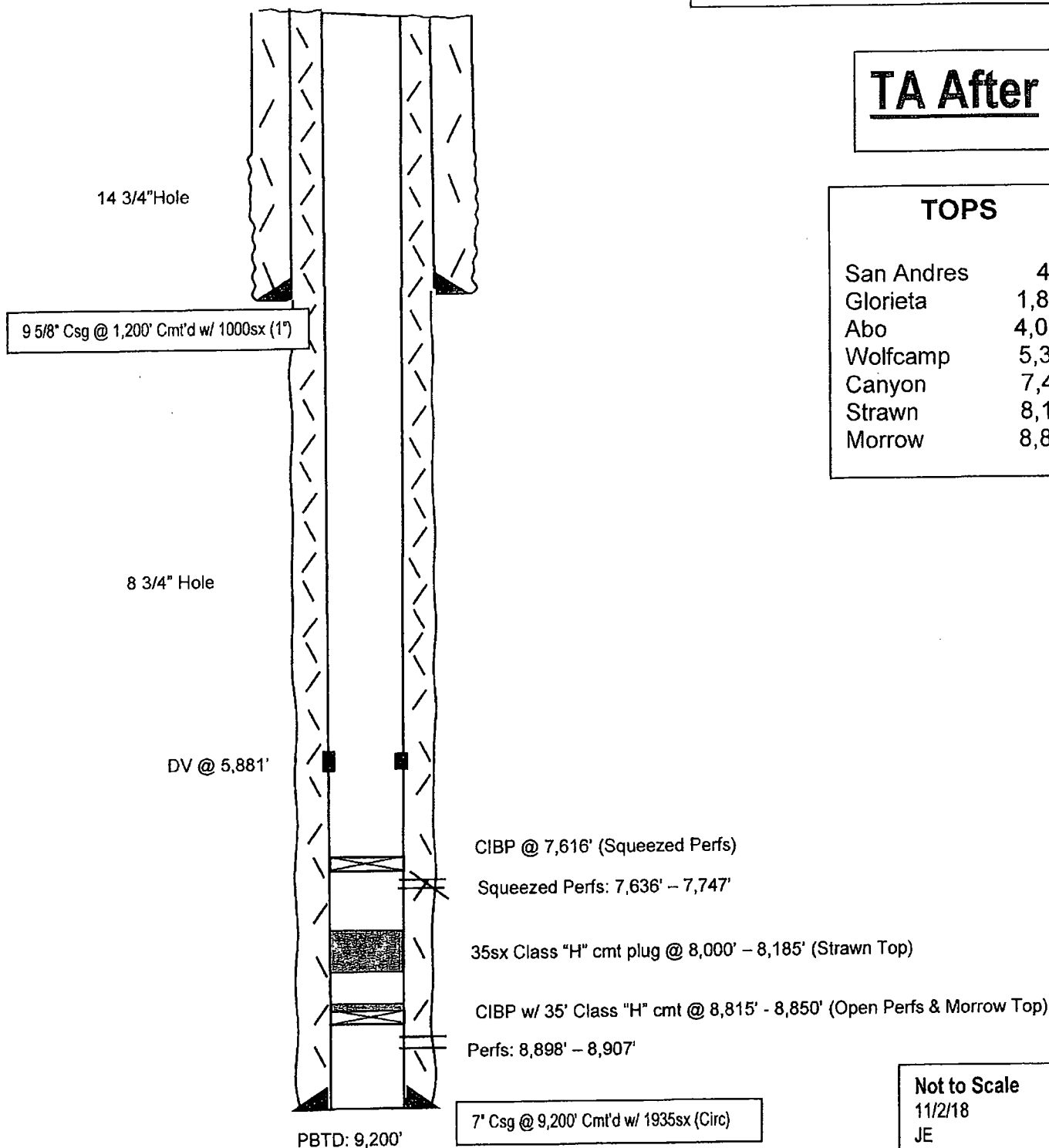
### CASING PROGRAM

9 5/8" 36# J-55	1,200'
7" 26# & 23# N-80 & J-55	9,200'

### TA After

#### TOPS

San Andres	438'
Glorieta	1,801'
Abo	4,004'
Wolfcamp	5,320'
Canyon	7,480'
Strawn	8,135'
Morrow	8,868'



WELL NAME: Roden GD Federal #3 FIELD: \_\_\_\_\_  
 LOCATION: 1980' FNL & 1980' FWL Sec. 24-19S-24E  
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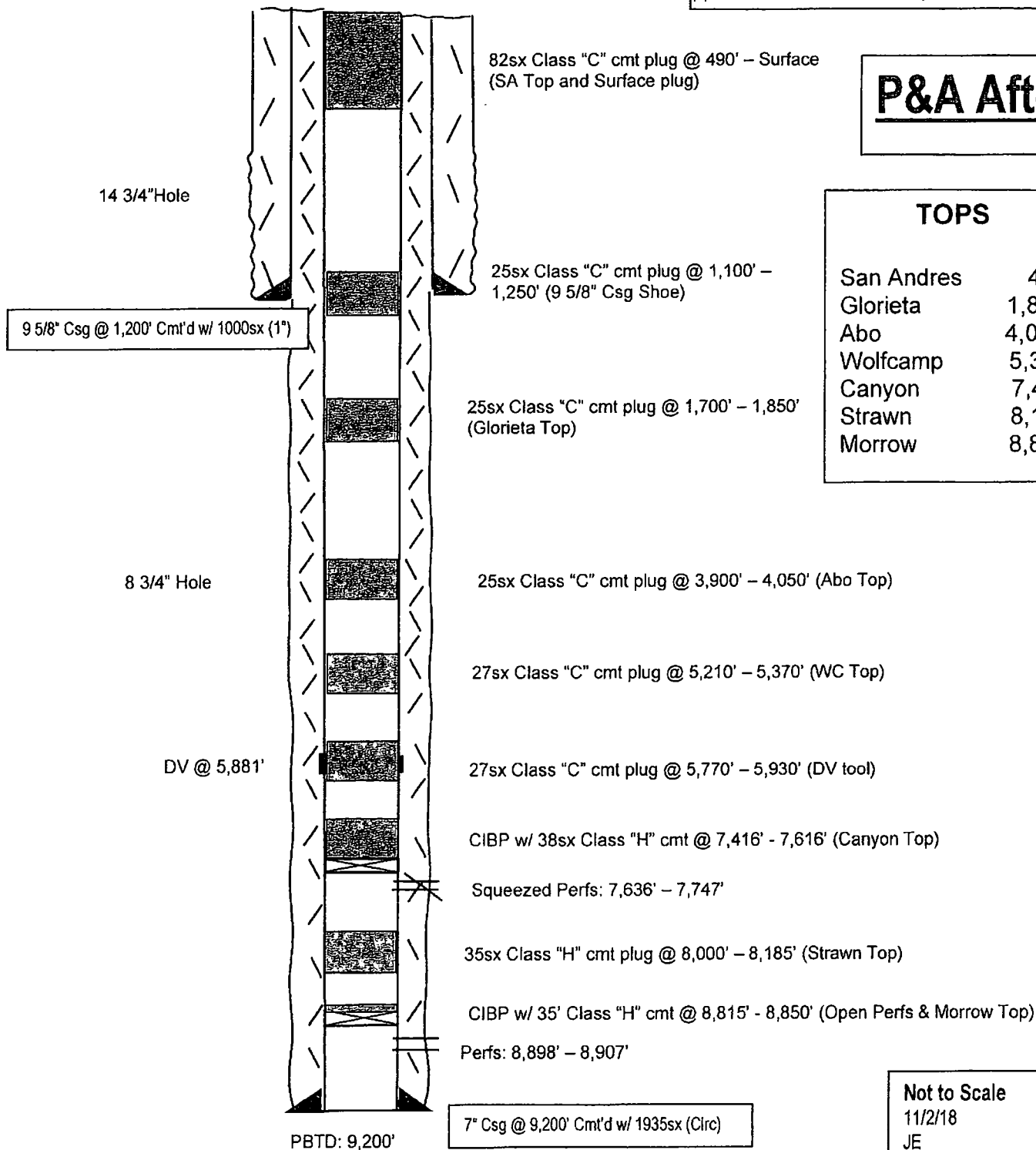
### CASING PROGRAM

9 5/8" 36# J-55	1,200'
7" 26# & 23# N-80 & J-55	9,200'

### P&A After

### TOPS

San Andres	438'
Glorieta	1,801'
Abo	4,004'
Wolfcamp	5,320'
Canyon	7,480'
Strawn	8,135'
Morrow	8,868'



Not to Scale  
 11/2/18  
 JE

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

**Temporary Abandonment of Wells on Federal Lands  
Conditions of Approval**

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. 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.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
  - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging.
  - b. 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 with a 10% allowable leakoff.
  - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
  - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
  - e. 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.
3. **Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.**

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval **with well bore diagram** with all perforations and CIBP's and tops of cement on CIBP's.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.
4. **Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.**

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

**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.**

**The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may 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 before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. 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 brine 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. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), 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. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

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 BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). 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 three 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 will be required. See attached reclamation objectives.