

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM 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.  
NMNM63366

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
NORTH YOUNG FED 019. API Well No.  
30-025-29928-00-S110. Field and Pool or Exploratory Area  
BONE SPRINGS11. County or Parish, State  
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

DEC 12 2018

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

EOG RESOURCES INCORPORATED

Contact: KAY MADDOX

E-Mail: KAY\_MADDOX@EOGRESOURCES.COM

## 3a. Address

MIDLAND, TX 79702

## 3b. Phone No. (include area code)

Ph: 432-686-3658

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

Sec 12 T18S R32E NWNW 760FNL 660FWL

## 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

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing        | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input checked="" type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
| <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back                   | <input type="checkbox"/> Water Disposal            |   |

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.

EOG PROPOSES TO PLUG AND ABANDON THIS WELL USING THE ATTACHED PROCEDURE. THE CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED.

SEE ATTACHED FOR  
CONDITIONS OF APPROVALBelow ground level dry hole marker required

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

Electronic Submission #444641 verified by the BLM Well Information System

For EOG RESOURCES INCORPORATED, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 11/20/2018 (19DLM0134SE)

Name (Printed/Typed) KAY MADDOX

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 11/19/2018

## 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)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

FOR RECORD ONLY  
NMCD 12/12/18



# Workover Procedure AFE # 110860

| TUBING, CASING, AND CEMENTING RECORD |                      |           |              |
|--------------------------------------|----------------------|-----------|--------------|
| HOLE SIZE                            | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
| 17-1/2                               | 13-3/8               | 604       | 748          |
| 11                                   | 8-5/8                | 5071      | 1900         |
| 7-7/8                                | 5-1/2                | 9207      | 850          |

Perforations: 8,457 to 8,488 (3 stages)

## Executive Summary:

Tag existing CIBP, dump bail cement, spot cement at depths, tag surface, P&A well

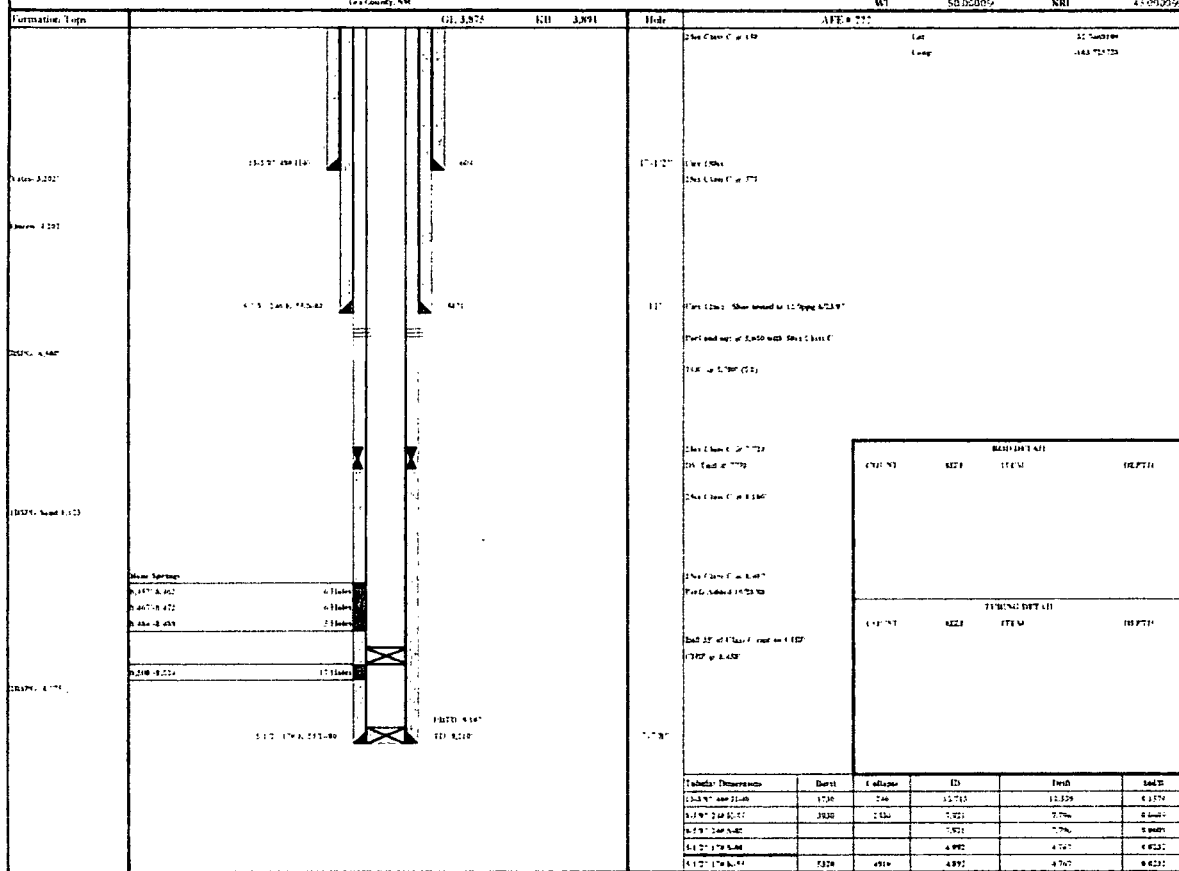
## Workover Procedure:

1. MIRU, NDWH, NUBOP
2. RIH with tubing work string, tag existing CIBP (8,458) Gauge ring to 8400'. Set CIBP @ 8400'. Cap w/ 25 SX. Class H cnt.
3. Pump bail 25 sacks of Class C cement on top of tagged CIBP, WOC Tag @ 8200'
4. Tag first plug, PUH, spot plug at 8,407 8200'
5. Pump 25 sacks of Class C cement from 8,407 to 8,250, WOC
6. Tag second plug, PUH, spot plug at 8,100
7. Pump 25 sacks of Class C cement from 8,100 to 7,900, WOC 7820'-7620' (DVT).
8. Tag third plug, PUH, spot plug at 7,720 6550'
9. Pump 25 sacks of Class C cement from 7,720 to 7,570, WOC 6550'-6350' (T/bone Spring)
10. Tag fourth plug, POOH with work string
11. RIH with perforating guns to 5,650 5450.
12. Shoot squeeze holes above WOC (5,700), POOH with guns @ 5450
13. RIH with work string, pump and squeeze 50 sacks of Class C cement from 5,650 to 5,000 5450'-5021' WOC Tag
14. Tag fifth plug, PUH, spot plug at 650 Add Yates / Salt Plug Perf @ 3252, SQZ cnt to 3122. Tag (Top Del E Shore)
15. Pump 25 sacks of Class C cement from 650 to 450, WOC Add T Salt Perf @ 1500, SQZ cnt to 1370. Tag
16. Tag sixth plug, PUH, spot plug at 150 Perf @ 654, SQZ cnt to 554, WOC Tag
17. Pump 25 sacks of Class C cement from 150 to 0, WOC Perf @ 150, SQZ cnt to surf

APR 10-075-2972E  
Sect 12 1105 R72E  
T60 S12 E 000 170  
(See County, 404



|              | SPUD       | TD         |
|--------------|------------|------------|
| DRILLING     | 11/15/1947 | 1711' 100' |
| LATE REVERSE | 11/19/1948 | 61'        |
| 50.00009     | NRI        | 43.00009   |



APR 30-025-277;B  
Sect 10 TIME, RISE  
TOD FNL & GOD FWL



|              | SPUD       | TD        |
|--------------|------------|-----------|
| DRILLING     | 4,700,000  | 7,700,000 |
| LOSS REVENUE | 13.5% COST | 4%        |
| 50.0000%     | NRI        | 43.0000%  |

[illegible]

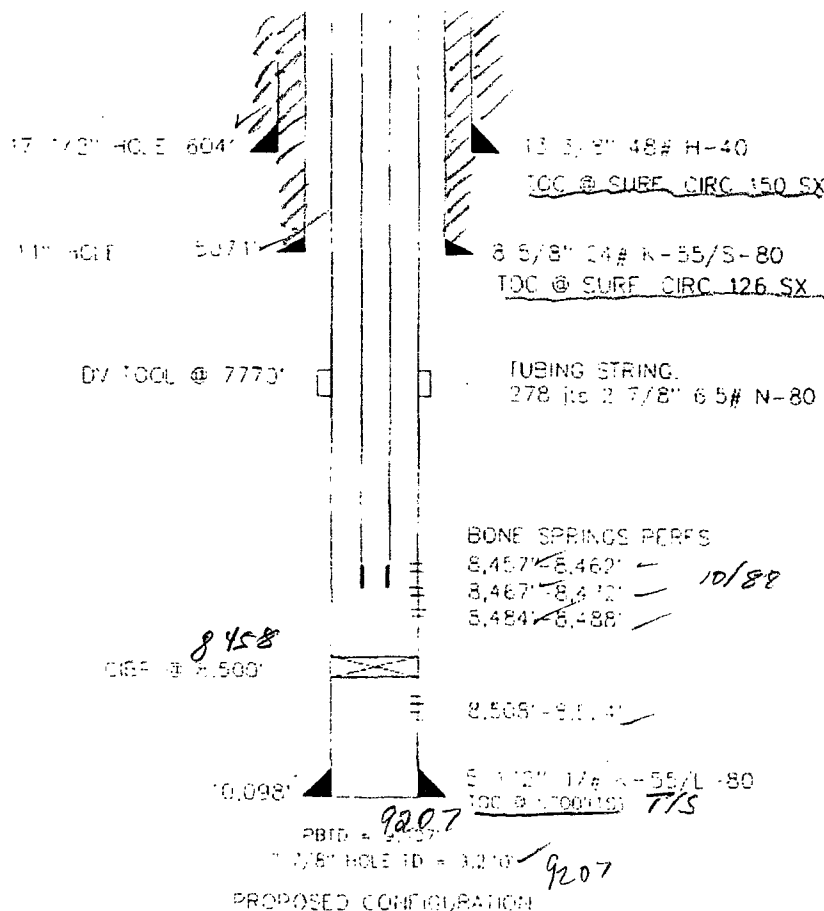
18. Confirm final plug, NDBOP, make final cut of production

19. Install dry hole marker

20. RDMO P&A rig, turn site over to reclamation team

Production Engineer: Alan Covington Date: 11/19/2018

MERIDIAN OIL  
NORTH YOUNG FEDERAL #1  
NORTH YOUNG (BONE SPRING) FIELD  
LEA COUNTY, NEW MEXICO



Rustler 1342

T/Salt 1450

B/Salt 2700

Yates 3202

Qu 4020

SA 4620  
Del 5400  
BS 6500

**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 (LPC Habitat)**

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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings 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 covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

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.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted