

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELL**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.****Carlsbad Field Office**  
**OCD Hobbs**

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No. NMNM104037X	
2. Name of Operator EOG RESOURCES INC		8. Well Name and No. RED HILLS NORTH UNIT 106H ✓	
3a. Address PO BOX 2267 MIDLAND, TX 79702		9. API Well No. 30-025-36310	
3b. Phone No. (include area code) Ph: 432-686-3658		10. Field and Pool or Exploratory Area RED HILLS	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T25S R33E 2000FSL 900FWL ✓		11. County or Parish, State LEA COUNTY, NM	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" 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 recompleate 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 recompleation 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 Resources performed a 24 hr injection test, 6/7/2017

24 hr injection volume 303 bbls

Average injection pressure of 2686 psi

Injected 4 hrs total due to pump maxing out on pressure, did not want to exceed max allowable inj press

Justification of TA Status: It is believed that the injection wells in the Red Hills North Unit are no longer enhancing oil production from the producers. If the WIW's are TA'd and the production is monitored in the producing wells, it can be determined if this is true. If it is, the injection wells will be plugged.

EOG Resources requests permission to TA this well as follows:

14. I hereby certify that the foregoing is true and correct. Electronic Submission #378440 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Hobbs Committed to AFMSS for processing by MUSTAFA HAQUE on 06/09/2017 ( )	
Name (Printed/Typed) KAY MADDOX	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/08/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By <u>MUSTAFA HAQUE</u>	Title <b>PETROLEUM ENGINEER</b> BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
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.	Date 6/12/2017 Office CFO

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 \*\*

MAB/OC 6/20/2017

**Additional data for EC transaction #378440 that would not fit on the form**

**32. Additional remarks, continued**

1. Unset packer and POOH with existing 2 7/8" tbg
2. RIH pmp 40 sxs CLH cmt 11,639-11,419' (Liner top from approved P&A sdry) ➡ Tag
4. Schedule MIT tst - call BLM, tst the well @ 500 psig for 30 minutes.

Attached schematic



# Red Hills North Unit No

2000' FSL & 90'

Sec. 1-2

Lea County, New

API 30-02

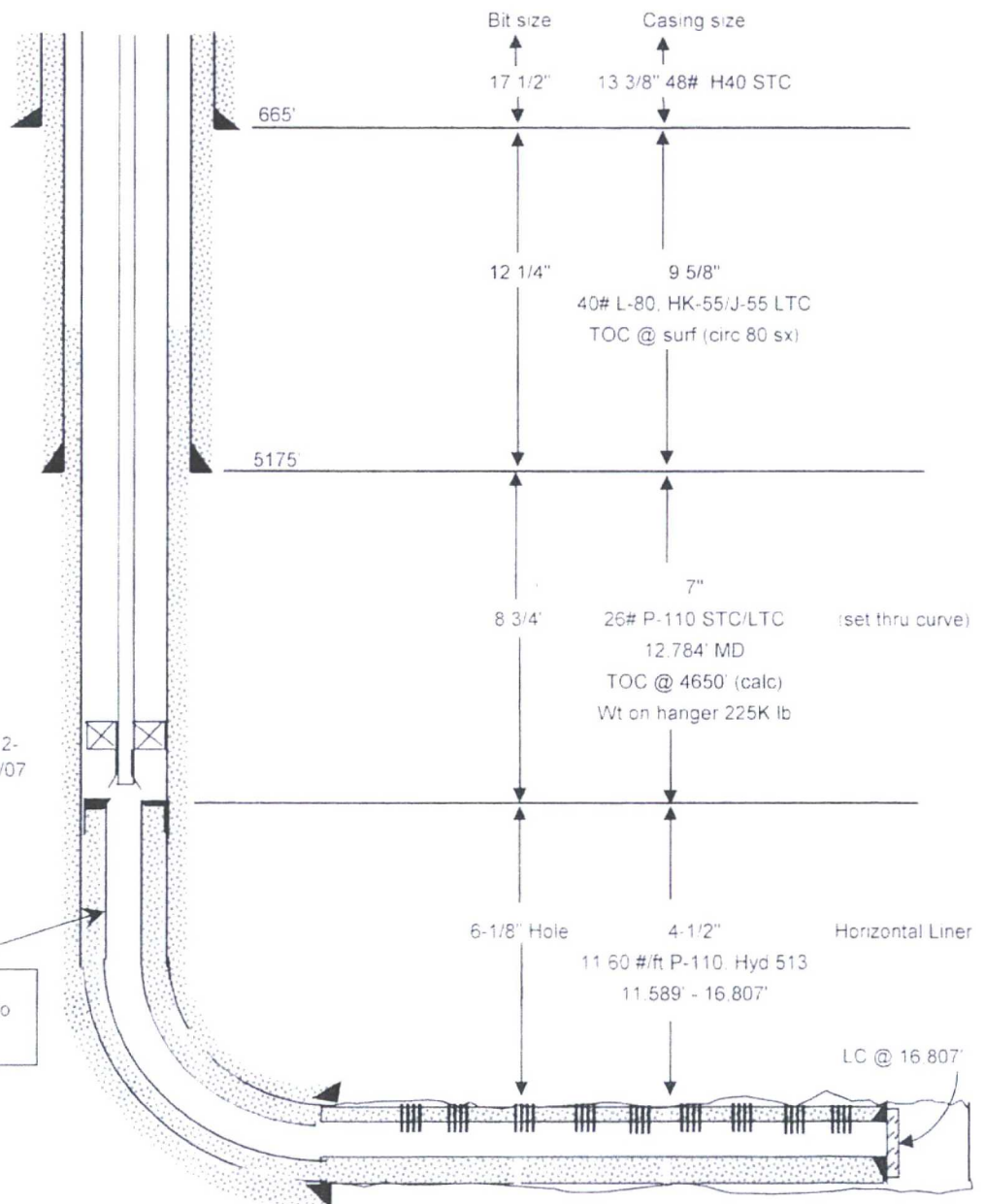
AFE

NO 106H

BHA  
WL Re-entry guide  
Baker 2 25" R Nipple w/1 79" NOGO  
1 jt of 2-7/8"  
Baker Hornet nickle plated pkr  
2-7/8" 6.5# IPC Tbg to surface

Baker Hornet packer set @ 11 535' 2-  
7/8" 6.5# tbg EOT @ 11 579' on 5/17/07

4-1/2" 11.60 #/ft N-80/  
P-110 Production Liner from 11 589' to  
16 807'



6 1/8" Lateral from KOP 11,700' MD to 16 925' MD Average TVD of 12 275'.  
Gross lateral length of 4,500' treatable 4 100'

Perfs 12 695', 13 113', 13 531', 13 92', 14 346', 15 080', 15 497', 15 917', 16 313',  
16 730' = 55 shots

6/8/2017



**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. CIBP must be capped with minimum 25 sacks cement, **placed with tubing** or 35 feet of cement if placed with bailer.
  - 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. Any leak-off will be evaluated.
  - 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. 43 CFR 3162.3-4 (a). The operator shall promptly plug and abandon wells in which oil or gas is not encountered in paying quantities.**

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.

**Red Hills North Unit 106H**

1. Well may be approved to be TA/SI for a period of 1 year or until **Date: 06/12/2018** after successful MIT and subsequent report is submitted.
2. Must submit NOI to recomplete or NOI to P&A. Must be submitted by 06/12/2018
3. Contact BLM 24 hrs. prior to setting of plug so as it may be witnessed.