

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS **Carlsbad Field Office**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals. **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		5. Lease Serial No. NMNM104037X	
2. Name of Operator EOG RESOURCES INC		Contact: KAY MADDOX E-Mail: Kay_Maddox@EOGRESOURCES.com	6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 2267 MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-686-3658		7. If Unit or CA/Agreement, Name and/or No. NMNM104037X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T25S R33E 2000FSL 900FWL		8. Well Name and No. RED HILLS NORTH UNIT 106H	
		9. API Well No. 30-025-36310	
		10. Field and Pool or Exploratory Area RED HILLS	
		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 recomplete 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.

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 is this is true. If it is, the injection wells will be plugged.

EOG Resources requests permission to TA this well as follows:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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 PETROLEUM ENGINEER	Date <u>6/12/2017</u>
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 <u>CFO</u>	

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/OCD 6/20/2017

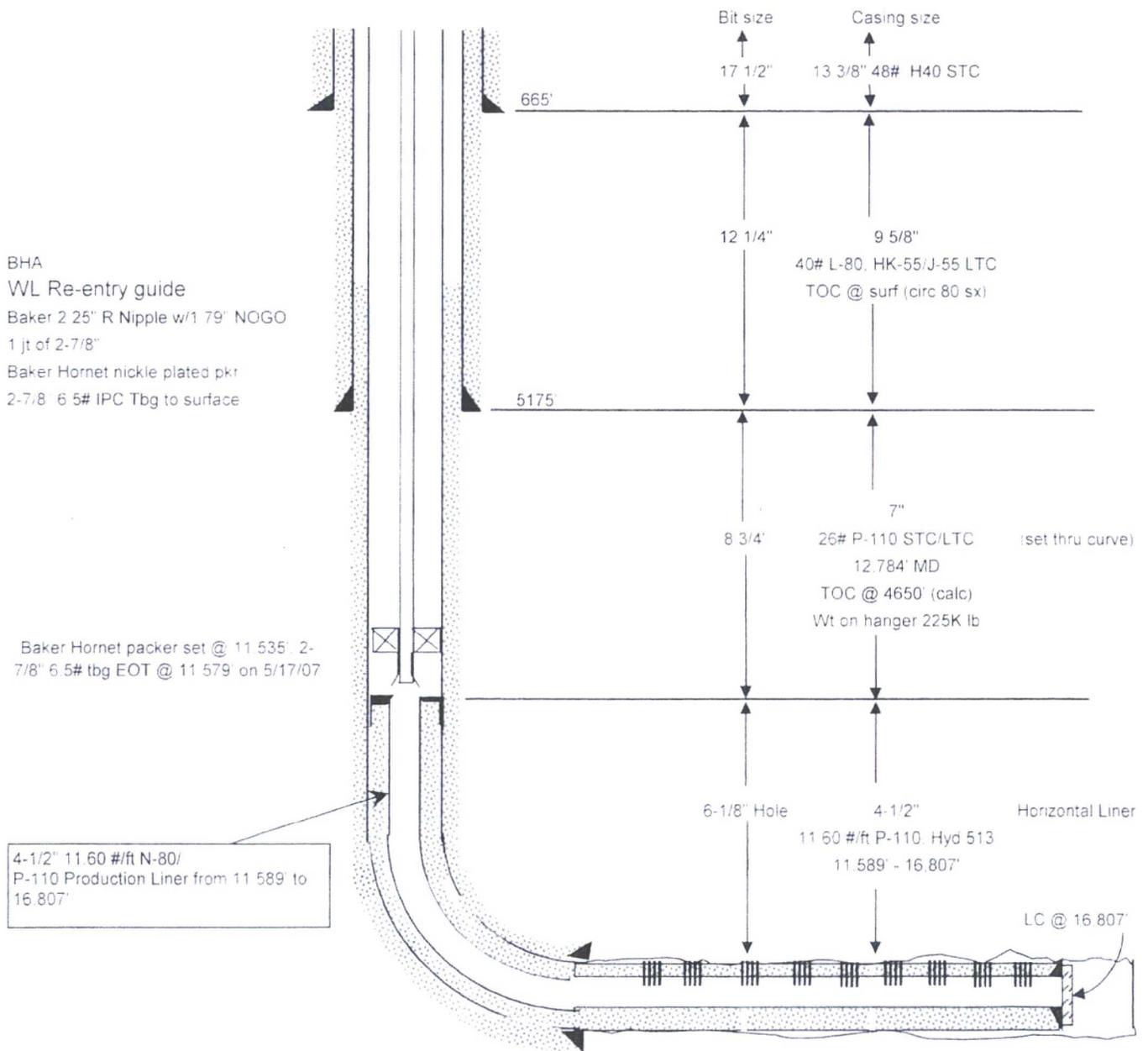
Additional data for EC transaction #378440 that would not fit on the form

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

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

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.