

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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DEC 21 2009

HOBBSOCD

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.
LC-063458

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injection ✓

2. Name of Operator
ConocoPhillips Company

3a. Address
P.O. Box 51810
Midland, Texas 79710-1810

3b. Phone No. (include area code)
432-688-6913

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

8. Well Name and No.
Warren Unit B/T WF #20 /

9. API Well No.
30-025-07882

10. Field and Pool or Exploratory Area
Warren: Blinbry/Tubb O&G ✓

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL E, 1980 FNL & 660 FWL Section 34, T20S, R38E

11. Country or Parish, State
Lea, NM ✓

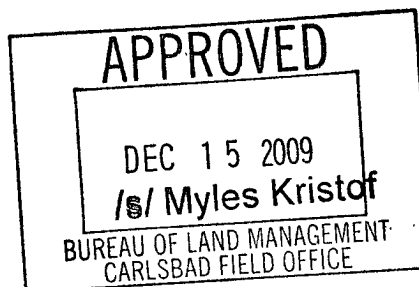
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

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"/> Fracture Treat	<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 checked="" type="checkbox"/> Other Step Rate Test
	<input type="checkbox"/> Change Plans	<input 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.)

ConocoPhillips respectfully submits the attached procedure for approval to conduct a step rate test on the above well.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL



14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Justin C. Firkins

Title Regulatory Specialist

Signature

Date 11/23/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

DISTRICT 1 SUPERVISOR

Title

Date

DEC 21 2009

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)

Step-Rate Test Procedure:

NOTE: Prior to step-rate tests, verify that wells to be tested have been shut-in for a minimum of 48 hrs prior. Record shut-in tubing pressure prior to beginning work.

1. MIRU Step-Rate Company logging unit and flow trailer. MIRU pump truck (ensure pump truck can pump at rates as low as 360 BPD).
2. Conduct JSA. Ensure pump truck operator has a copy of the procedure and understands the scope of work
3. RIH with downhole pressure tool
4. Set tool at mid-point of perforations
5. Allow 15 minutes to pass before proceeding.
6. Begin pumping at 360 BPD (.25 BPM) for 30 minutes. Record stabilized rate and tubing pressure. **NOTE: All rates will be pumped in 30 minute increments**
7. Increase rate to 720 BPD (.50 BPM). Record stabilized rate and tubing pressure.
8. Increase rate to 1080 BPD (.75 BPM). Record stabilized rate and tubing pressure.
9. Continue to increase rate at 360 BPD (.25 BPM) until parting pressure is achieved.
10. Once parting pressure is achieved, continue with minimum of 3 rate increases past parting pressure.
11. Shut down pump truck. Record ISIP, 5 min, 10 min, and 15 min pressures. Bleed remaining pressure off.
12. POOH with downhole equipment.
13. RDMO location with Step-Rate Company logging unit and flow trailer. RDMO pump truck.

**Warren Unit B/T WF #20
30-025-07882
ConocoPhillips Company
December 15, 2009
Conditions of Approval**

- 1. Surface disturbance beyond the existing pad must have prior approval.**
- 2. Subsequent sundry required with a copy of the step rate test chart detailing at what pressure the formation broke down at.**

MAK 121509