

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

SF-078049-A

**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.*

MAY 16 2013

SUBMIT IN TRIPLICATE - Other instructions on page 2.

Farmington Field Office  
Bureau of Land Management

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ConocoPhillips Company

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

8. Well Name and No.

Hardie 2N

9. API Well No.

30-045-35070

10. Field and Pool or Exploratory Area

Blanco MV/Basin DK

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

Surface Unit K (NE/SW), 2363' FSL & 1694' FWL, Section 28, T29N, R8W  
Bottomhole Unit K (NE/SW), 2163' FSL & 1694' FWL, Section 28, T29N, R8W

11. Country or Parish, State

San Juan New Mexico

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

☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off  
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity  
☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other Completion  
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon Detail  
☐ Convert to Injection ☐ Plug Back ☐ 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.)

RCVD MAY 23 '13  
OIL CONS. DIV.  
DIST. 3

See attached for detail of completion.

ACCEPTED FOR RECORD

MAY 20 2013

FARMINGTON FIELD OFFICE  
BY William Tambeken

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

Patsy Clugston

Staff Regulatory Tech

Title

Signature

Date

5/15/2013

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.

NMOCDA

**Hardie 2N**

**API – 30-045-35070**

**Page 2**

2/27/13 RU WL & Ran GR/CCL/CBL from 7446' – 15' KB. TOC @ 2300'. (7" shoe @ 3241'). Install tbg head and test – OK. RD.

3/19/13 RU Baker & frac stack. Load hole and PT casing and frac stack to 6,600 psi 30/min. Good test.

3/21/13 RU to perf Dakota w/.34" dia 1 spf – 7266', 7270', 7272', 7274', 7276', 7278', 7280', 7282', 7284', 7286', 7288', 7290', 7292', 7296', 7298', 7300', 7344', 7350', 7352', 7362', 7364', 7366', 7368', 7370', 7372', 7374', 7376', 7380', = 28 holes; 2 spf – 7400', 7402', 7404', 7406', 7412', 7414', 7424', 7426', 7428', 7438', 7440', 7442', 7444', = 26 holes. Total DK holes -54 holes. 3/22/13 Acidized w/10 bbls HCL ahead of Frac. Frac'd **Dakota (7266' – 7444')** 39,522 gal 70% slickwater N2 foam w/2,369,500 scf N2 and 40,068# 20/40 Brady sand. RIH w/CBP & set @ 7050'.

Perf'd PT Lookout w/.34" dia 1 spf – 5198', 5202', 5210', 5212', 5218', 5220', 5222', 5224', 5228', 5230', 5232', 5244', 5246', 5248', 5298', 5302', 5310', 5312', 5318', 5320', 5322', 5342', 5350', 5382', 5386', = 25 holes. Acidized w/10 bbls 15% HCL ahead of Frac. Frac'd **PT Lookout (5198' – 5386')** w/40,950 gal 70% slickwater N2 foam w/1,481,600 scf n2 & 100,123# 20/40 Brady Sand. RIH w/CBP & set @ 5150'.

Perf'd Menefee w/.34" dia 1 spf – 4764', 4768', 4792', 4810', 4832', 4858', 4862', 4864', 4888', 4894', 4898', 4900', 4904', 4908', 4910', 4912', 4914', 4918', 5030', 5034', 5100', 5122', 5124', 5126', 5130', = 25 holes. Acidized w/10 bbls 15% HCL ahead of Frac. Frac'd **Menefee (4764' – 5130')** w/26,544 gal 70% Slickwater n2 foam w/1,212,300 scf N2 & 49,996# 20/40 Brady Sand. Set CBP @ 4736'.

Perf'd Cliffhouse w/.34" dia. 1 spf – 4620', 4622', 4638', 4640', 4642', 4646', 4648', 4652', 4670', 4672', 4694', 4696', 4698', 4700', 4702', 4706', 4708', 4712', 4714', 4716', 4718', 4720', 4721', 4722', 4724', = 25 holes. Acidized w/10 bbls 15% HCL ahead of Frac. Frac'd **Cliffhouse (4620' – 4724')** w/34,146 gal 70% Slickwater N2 foam w/1,222,100 scf N2 & 100,273# 20/40 Brady Sand. RU to flowback. FB for 1 day. RD FB crew.

3/25/13 MRIU WL & set CBP @ 4400'. ND frac stack and NU WH. RD.

4/29/13 MIRU AWS 378 & GRU. ND WH & NU BOP-test – OK. RIH w/mill and D/O CBP @ 4400' on 4/30/13. Circ. thru GRU. D/O CBP @ 4736'. 5/1/13 M/O CBP @ 5150'; 5/2/13 D/O CBP @ 7050'. C/O to **PBTD @ 7463'**. Circ. well thru GRS. 5/3 Started selling MV & DK gas thru GRU. Flowed 3 day. RIH w/236 jts of 2-3/8", 4.7# J-55 tbg & set @ **7345'** w/FN set @ 7344'. Pull gas sample for allocation. ND BOP, NU WH. Test seals – OK. RD & released rig **5/7/13**.

**This is a commingled MV/DK well per DHC 3343AZ.**