

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007

## 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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)326-9597

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

1050' SOUTH 1600' EAST

UL: O, Sec: 9, T: 27N, R: 8W

5. Lease Serial No.

NM05791

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

GRAHAM C WN FED COM 1A 1A

9. API Well No.

30-045-22516

10. Field and Pool, or Exploratory Area

Blanco Mesaverde / Otero Chacra

11. County or Parish, State

SAN JUAN

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

☐

Acidize

☐

Alter Casing

☐

Casing Repair

☐

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☐

Plug and Abandon

☐

Plug Back

☐

Production (Start/Resume)

☐

Reclamation

☐

Recomplete

☐

Temporarily Abandon

☐

Water Disposal

☐

Water Shut-Off

☐

Well Integrity

☒

Other DHC

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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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 proposes to downhole commingle this well as per attached procedure. Attached is our approved application to the NMOCD (order no. R10207). This well is currently a dual completion.

## CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

DHC2305A2

RECEIVED  
CTO 7/1/06

2006 MAY 18 10 2 17

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

Name (Printed/Typed)

Juanita Farrell

Title Regulatory Analyst

Signature

Date 05/18/2006

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

PER ENB

Date

5-24-06

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

BLM-FFO.

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)

NMOCD



## San Juan Workover Procedure

*'Our work is never so urgent or important that we cannot take time to do it safely.'*

**WELL: Graham C Wn Fed Com #1A (Chacra / MV) Dual**

**Objective:** Down hole co-mingle the Chacra and Mesa Verde zones and upgrade the plunger lift system

### **WELL DATA:**

**API:** 3004522516

**Location:** Sec/Tn/Rg: Sec 9(O), T-27N, R-8W

Lat: 36 deg 35' 3.048"N Long: 107 deg 40' 58.8"W

**Elevation:** GLM 6048'

KBM 6061'

**TD:** 4719'

**PBTD:** 4685'

**Perforations:** Chacra – (3162' - 3196') MV – (3891' – 4643')

### **Existing Casing, Tubing and Packer Information**

	OD (in)	Depth (ft)	ID (inches)	Weight (#/ft)	Grade	Burst (psi)	Collapse (psi)	Cmt top
Surface	8-5/8	260	8.100	24	K-55	2950	1370	Surface
Intermediate								
Production	5-1/2	4719	4.950	15.5	K-55	4810	4040	unknown
Production Liner								
MV Tubing	2-1/16	3875	1.75	3.25	N-80	10590	11180	
CH Tubing	1-1/2	3177	1.610	2.76	CW-55	7350	7750	
Packer	4.9	3875	1.75	Baker	Mod "D"			

### **PROCEDURE:**

**All plunger lift equipment will be removed from the tubing, before the scheduled rig arrival. If plunger lift equipment cannot be removed, a wireline slip stop will be set above equipment,, to make sure equipment cannot come to surface, while working tubing string.**

Ensure that well is shut in, energy isolated, locked and tagged out; Cathodic protection disconnected. Record SI tbg; SI csg: Braidenhead pressures.

1. Hold pre-job Safety Meeting. Verify recent anchor inspection.
2. MI & RU WO rig.
3. If necessary, kill well w/ 2% KCL water (contingent on Category designation of well; refer to COPC well control manual). ND wellhead and NU BOPE. (refer to COPC well control manual, Sec 6.13).
4. Set necessary barriers in tubing.
5. Chacra – Short String – POOH with 1-1/2" tubing, laying down.
6. MV – Long String – Pick on tubing and lay down tubing hanger. Pull Mod "G" locator seal assembly out of 5-1/2" packer at 3875'. POOH w/ 2-1/16" tubing, laying down.
7. MO float trailer with old tubing. Spot in float trailer with new or inspected 2-3/8" tubing.
8. Hot shot in drill collars and fishing equipment, needed to mill up and retrieve a 5-1/2" Mod D packer.
9. RU air / foam package. PU drill collars, mill and packer plucker assembly. RIH on 2-3/8" tubing, to mill and retrieve 5-1/2" Mod D packer. POOH, w/tubing. Lay down DC's, mill and fishing assembly, with 5-1/2" packer fish.
10. MI Wood Group, wellhead supplier. Upgrade wellhead to hang 2-3/8" single production string.
11. Run mule shoe on bottom, 1.78", "F" profile nipple, RIH w/ 2-3/8", EUE, 4.7#, J-55 tubing. Clean out with air/foam to PBTD @4685' KB. POOH with tubing to land @4530' + or -. Rabbit tubing with 1.901" diameter drift bar – adhere to attached Tubing Drift Check Procedure.
12. ND BOP. NU WH. Turn well over to production. Notify Operator. Marvin Charley 505-947-5732. Operator will coordinate roustabout crew, to manifold wellhead to flow line and re-configure plunger equipment.
13. Sweep well clean with air/foam and start flowing.
14. RD MO rig.

Notify Cathodic protection personnel after job is complete so cathodic protection equipment can be re-activated. Ensure pit closures done.

AD  
Jm  
C

DHC ✓

Graham C WN Fed  
Com # 1A  
O-9-27N-8W

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCE  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

RECEIVED  
OCT 11 1994  
OIL CON. DIV.  
DIST. 3

CASE NO. 11035  
ORDER NO. R-10207

APPLICATION OF CONOCO, INC. FOR DOWNHOLE COMMINGLING, SAN  
JUAN COUNTY, NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on September 1, 1994 at Santa Fe, New Mexico, before Examiner Jim Morrow.

NOW, on this 30th day of September, 1994 the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) Case Nos. 11028, 11029, 11030, 11031, 11032, 11033, 11035 and 11036 were consolidated for the purpose of presenting testimony at the hearing.
- (3) In Case No. 11035, the applicant, Conoco, Inc. (Conoco), seeks approval for the downhole commingling of production from the Otero Chacra and Blanco Mesaverde Pools in its Graham C "WN" Federal Well No. 1A, located 1050 feet from the South line and 1600 feet from the East line (Unit O) of Section 9, Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico.
- (4) The SE/4 of said Section 9 (160 acres) is dedicated to the Otero Chacra completion and the E/2 of Section 9 (320 acres) is dedicated to the Blanco Mesaverde completion. The same working interests and royalty interests share ownership in both completions but the division of ownership among the owners is different for the two completions.

(5) Conoco submitted data showing that the owners of interests in the well and offset operators have been notified of the application. No interest owner or offset operator appeared at the hearing in opposition to the application. A letter of approval from the Bureau of Land Management was submitted into the record.

(6) Data was presented at the hearing showing that both completions are low volume producers and that the Otero Chacra completion is below the economic limit. The proposed commingling is necessary to permit the zone to be produced economically.

(7) Based on the bottomhole pressure data presented at the hearing, there should be no cross flow between zones. The bottomhole pressures in the Otero Chacra are 98% that of the Mesaverde.

(8) No reservoir damage due to incompatibility of reservoir fluids is expected.

(9) Commingling is expected to increase total recovery by 25.2 MMCF in 10 years.

(10) Conoco proposed a method of allocating gas production to the two zones based on current producing rates and relative BTU values. Using current tests, 14.37% of production would be allocated to the Otero Chacra and 85.63% to the Mesaverde. Final percentages would be determined based on a combined test following commingling. It is expected that total commingled production will show an increase due to the removal of the packer from the well. Conoco proposes that any increase be attributed to the lower (Mesaverde) zone. Final percentages for gas allocation would be determined after consulting with the supervisor of the Aztec District Office of the Division.

(11) Conoco submitted tests and production records to support their proposal that any condensate production be allocated to the Mesaverde following commingling.

(12) Approval of this application is in the best interest of conservation and will serve to prevent waste and protect correlative rights.

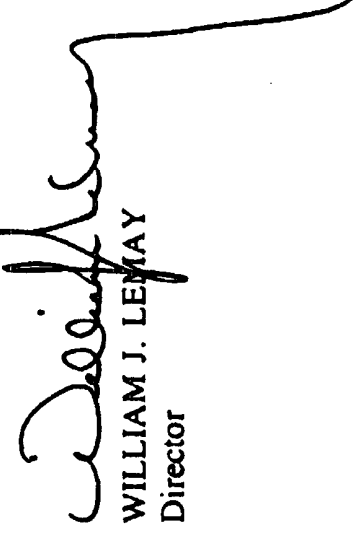
**IT IS THEREFORE ORDERED THAT:**

(1) The application of Conoco, Inc. for authority to downhole commingle production from the Otero Chacra and Blanco Mesaverde Pools in its Graham C "WN" Federal Well No. 1A, located 1050 feet from the South line and 1600 feet from the East line (Unit O) of Section 9, Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico, is hereby approved.

- (2) Conoco shall consult with the Supervisor of the Aztec District Office in determining the proper allocation of gas production using the method discussed in Finding Paragraph No. (10) of this order.
- (3) Final gas allocation percentages shall be reported by Conoco to the Santa Fe Office of the Division referencing this case and order number.
- (4) The operator is responsible for reporting the monthly gas production from the subject well using the allocation method herein adopted.
- (5) Any condensate production shall be allocated entirely to the Mesaverde interval.
- (6) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY  
Director

S E A L