

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
ConocoPhillips

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Unit D (NWNW), 850' FNL & 850' FWL, Section 24, T30N, R13W, NMPM

2006 JUL 7 PM 3 41  
Lease Number

NM-0546

If Indian, All. or

Tribe Name

2006 JUL 7 PM 3 41  
Unit Agreement Name

8. Well Name & Number

Maddox WN Federal #4E

9. API Well No.

30-045-25254

10. Field and Pool

Basin Dakota

11. County and State  
San Juan Co., NM

**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

## Type of Submission

☒ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

## Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other - Attempted to Squeeze casing leak

**13. Describe Proposed or Completed Operations**

6/14/06 MIRU Key #10. ND WH, NU BOP PT-OK. TOOH w/tbg. Made scraper run. RIH w/plug & packer & set RBP @ 6435' & packer @ 6422'. Load and PU, No test. Used watermelon mill to remove scale. RIH to 6450'. POOH & LD mill. Re-set plug & packer. PU to 500# to test. No test. POH w/packer & plug. RU Blue Jet & ran casing inspection log. Decided to set plug above Perfs and wait for a procedure to P&A well. 6/26/06 RIH w/CBP on WL & set @ 6511'. POOH & RD WL. ND BOP, NU WH. RD & released rig 6/27/06.

**Notice of Intent to P&A well**

See the attached for details of the procedure ConocoPhillips will be using to plug & abandon the subject well. Also attached is a Wellbore schematic. The work will be scheduled with A-Plus Well Service.

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

Signed Patsy Clugston Title Sr. Regulatory Specialist Date 7/7/06

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

Title

Date

JUL 11 2006

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NIMOCB

## PLUG AND ABANDONMENT PROCEDURE

June 27, 2006

### Maddox WN Fed #4E

Basin Dakota

850' FNL, 850' FWL, Section 24, T30N, R13W  
San Juan County, New Mexico, API 30-045-25254  
Lat: 36° 48' 13.14" N / Long: 108° 9' 45" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test rig anchors. Prepare waste fluid holding pit. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. PU and tally tubing workstring. Round-trip 4.5" gauge ring or casing scraper to 6477' or as deep as possible.
4. **Plug #1 (Dakota perforations and top, 6477' – 6388')**: RIH and set 4.5" DHS cement retainer at 6477'. Mix 14 sxs Type III cement (extra cement due to holes in casing) and spot a balanced plug above CR to cover the Dakota perforations and top. PUH and WOC. Tag cement at least 6388'. TOH with tubing.
5. **Plug #2 (Gallup top, <sup>5626</sup>4860' – <sup>5526</sup>4760')**: ~~Perforate 3 squeeze holes at 4860'. Attempt to establish rate into squeeze holes. Set 4.5" cement retainer at 4810'. Establish rate into squeeze holes. Mix and pump 58 sxs cement, squeeze 44 sxs outside the 4.5" casing and leave 14 sxs inside the casing (extra cement due to holes in casing). PUH and WOC. Tag cement at least at 4760'. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate.~~ TOH with tubing.
6. **Plug #3 (Mesaverde top, 3502' – 3402')**: Perforate 3 squeeze holes at 3502'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 3452'. Establish rate into squeeze holes. Mix and pump 45 sxs cement, squeeze 35 sxs outside the 4.5" casing and leave 10 sxs inside the casing. PUH.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 1960' – <sup>1554</sup>1588')**: Mix ~~20~~ sxs Type III cement and spot a balanced plug inside casing to cover Pictured Cliffs and Fruitland tops. PUH to 761'.
8. **Plug #6 (8.625" Casing shoe and surface, 761' – 0')**: Attempt to pressure test the bradenhead annulus to 300#. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 55 sxs Type III cement and spot a balanced plug from 761' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and the annulus.
9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

# Maddox WN Federal #4E

## Current

Basin Dakota

850' FNL & 850' FWL, Section 24, T-30-N, R-13-W

San Juan County, NM / API #30-045-25254

Lat: N 36° 48' 13.14" / Long: W 108° 9' 45"

Today's Date: 6/27/06

Spud: 12/4/81

Comp: 1/22/82

Elevation: 5809' GL

5821' KB

12.25" Hole

Perforated @ 711' (2001)  
Sqz'd w/250 sxs, circulated 10  
bbbs to pit.

Top of Cmt @ 1350' (CBL)

Fruitland @ 1638'

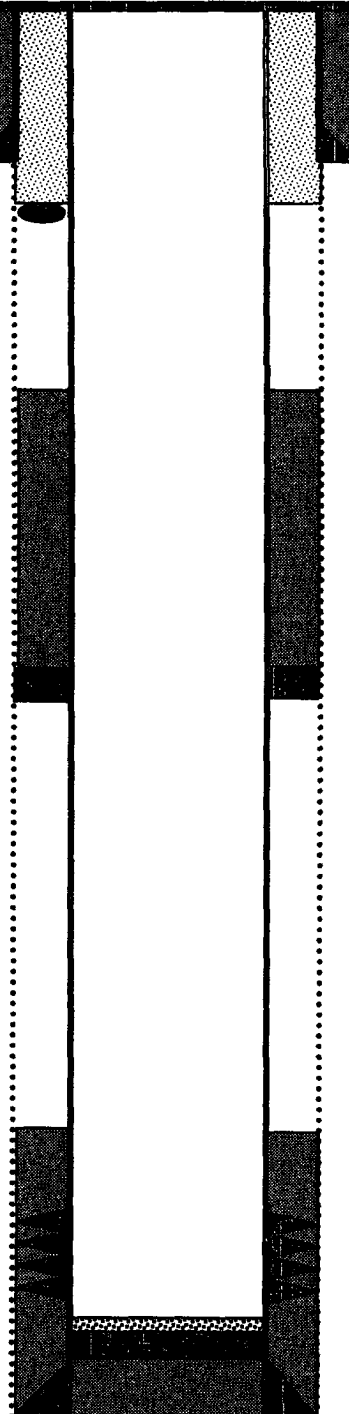
Pictured Cliffs @ 1910'

Mesaverde @ 3452'

Gallup @ 4810'

Dakota @ 6438'

7.875" Hole



TD 6775'  
PBD 6704'

8.625", 24# J-55 Casing set @ 701'  
500 sxs cement circulated to surface

### Well History

Jan '01: Perf'd 4.5" casing at 711'. Squeeze  
with 250 sxs, circulate 10 bbls to pit. Drill out  
cement. PT okay. Return to production.

Jun '06: CP intended to repair casing on  
this well. A casing inspection log found  
severe corrosion on the OD and ID, severe  
pitting and some holes over most of the  
length logged from 3700' to 6600'

DV Tool set @ 2067', tagged at 2045'  
Cemented with 350 sxs

Top of Cmt @ 5300' (CBL)

Dakota Perforations:  
6527' - 6552'

Set CIBP @ 6710' and dump  
bailed 6' cement above (1982)

4.5", 10.5#, K-55 Casing @ 6775'  
Cemented with 850 sxs

# Maddox WN Federal #4E

## Proposed P&A

Basin Dakota

850' FNL & 850' FWL, Section 24, T-30-N, R-13-W

San Juan County, NM / API #30-045-25254

Lat: N 36° 48' 13.14" / Long: W 108° 9' 45"

Today's Date: 6/27/06

Spud: 12/4/81

Comp: 1/22/82

Elevation: 5809' GL

5821' KB

12.25" Hole

Perforated @ 711' (2001)  
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bbbs to pit.

Top of Cmt @ 1350' (CBL)

Fruitland @ 1638'

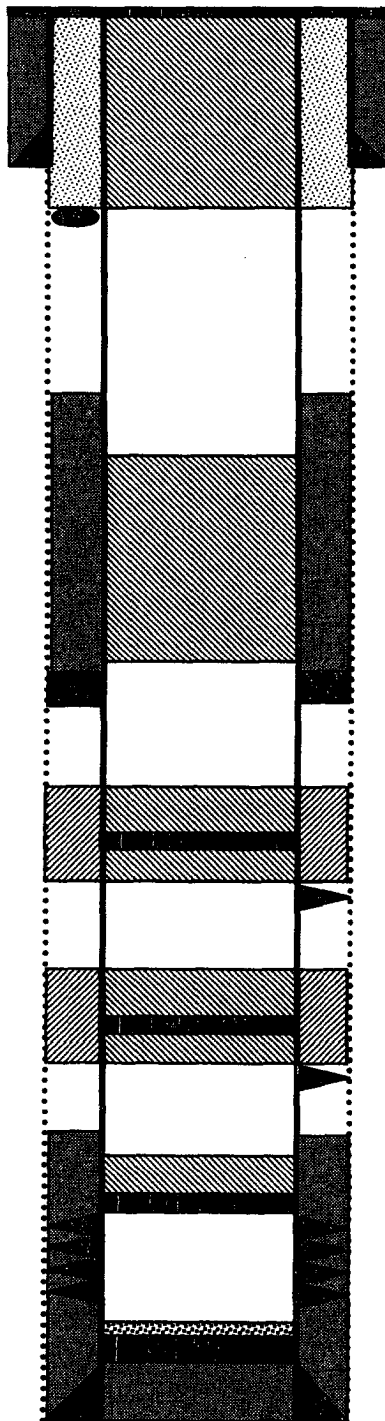
Pictured Cliffs @ 1910'

Mesaverde @ 3452'

Gallup @ 4810'

Dakota @ 6438'

7.875" Hole



8.625", 24# J-55 Casing set @ 701'  
500 sxs cement circulated to surface

Plug #5: 761' - 0'  
Type III cement, 55 sxs

Plug #4: 1960' - 1588'  
Type III cement, 29 sxs

DV Tool set @ 2067', tagged at 2045'  
Cemented with 350 sxs

Cmt Retainer @ 3452'

Perforate @ 3502'

Plug #3: 3502' - 3402'  
Type III cement, 45 sx:  
35 outside and 10 inside

Cmt Retainer @ 4810'

Perforate @ 4860'

Plug #2: 4860' - 4760'  
Type III cement, 58 sx:  
44 outside and 14 inside  
(extra cement due to  
holes in casing)

Top of Cmt @ 5300' (CBL)

Set CR at 6477'

Dakota Perforations:  
6527' - 6552'

Set CIBP @ 6710' and dump  
bailed 6' cement above (1982)

4.5", 10.5#, K-55 Casing @ 6775'  
Cemented with 850 sxs

Plug #1: 6477' - 6388'  
Type III cement, 14 sxs  
(extra cement due to  
holes in casing)

TD 6775'  
PBTD 6704'