

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

## Sundry Notices and Reports on Wells

<p>1. <b>Type of Well</b> GAS</p> <p>2. <b>Name of Operator</b> ConocoPhillips</p> <p>3. <b>Address &amp; Phone No. of Operator</b> PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. <b>Location of Well, Footage, Sec., T, R, M</b> Sec., T—N, R—W, NMPM  Unit N (SESW), 850' FSL &amp; 1840' FWL, Sec. 33, T31N, R6W NMPM</p>	<p>5. <b>Lease Number</b> NMSF-078999</p> <p>6. <b>If Indian, All. or Tribe Name</b></p> <p>7. <b>Unit Agreement Name</b> San Juan 31-6 Unit</p> <p>8. <b>Well Name &amp; Number</b> San Juan 31-6 Unit 16</p> <p>9. <b>API Well No:</b> 30-039-07928</p> <p>10. <b>Field and Pool</b> Blanco Mesaverde</p> <p>11. <b>County and State</b> Rio Arriba, NM</p>
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**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA****Type of Submission:**

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment

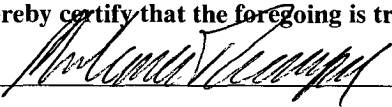
**Type of Action:**

- ☒ Abandonment
- ☐ Recompletion
- ☐ Plugging
- ☐ Casing Repair
- ☐ Altering Casing
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection

☐ Other : Commingle**13. Describe Proposed or Completed Operations**

Conocophillips intends to P&amp;A the following well according to the attached procedure.

RCVD AUG 23 '07

OIL CONS. DIV.  
DIST. 3**14. I hereby certify that the foregoing is true and correct.**Signed  Philana Thompson Title Regulatory Technician Date 8/7/07

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date AUG 20 2007

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

NMOCD

## PLUG AND ABANDONMENT PROCEDURE

August 15, 2006

### San Juan 31-6 Unit #16

Blanco Mesaverde  
850' FSL and 1840' FWL, Section 33, T31N, R6W  
Rio Arriba County, New Mexico / API 30-039-07928  
Lat: N 36° 51' 4.032" / Lat: W 107° 28' 13.4328"

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 an approved Pit Permit (C-103) from the NMOCD.
2. Install and test rig anchors. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Prepare a lined waste fluid pit. 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.
3. ND wellhead and NU BOP; test the BOP. This well is a Category 1 / Class 1 designation. TOH and tally 252 joints 2.375" tubing, MS at 5817'. Inspect tubing, if necessary LD tubing and PU workstring  
76 "
4. **Plug #1 (7" casing shoe and 5" liner top, 7740' – ~~7640'~~)**: TIH with open ended tubing to 7740'. Mix 21 sxs Type II cement and spot a balanced plug inside casing to cover the casing shoe and liner top. PUH to 6900'.  
6870 6770
5. **Plug #2 (Gallup top, ~~6900'~~ – ~~6800'~~)**: Mix 28 sxs Type II cement and spot a balanced plug inside casing to cover the Gallup top. TOH with tubing.  
5471 5371
6. **Plug #3 (Mesaverde top, ~~5380'~~ – ~~5280'~~)**: Round trip 7" casing scraper to 5380'. TIH and set 7" cement retainer at 5380'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix and pump 25 sxs Type III cement. PUH to 4190'.  
4241' 4141
7. **Plug #4 (Chacra, ~~4190'~~ – ~~4090'~~)**: Mix 25 sxs Type III cement and spot a balanced plug inside casing to cover the Chacra top. PUH to 3623'.
8. **Plug #5 (7" casing shoe, Pictured Cliffs and Fruitland tops, 3623' – 3005')**: Mix 112 sxs Type III cement and spot a balanced plug inside casing to cover the 7" casing shoe and Pictured Cliffs and Fruitland tops.
9. **Plug #6 (Kirtland and Ojo Alamo tops, 2655' – 2380')**: Mix 55 sxs Type III cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 2048'.
10. **Plug #7 (7" casing stub, 1220' – 1120')**: Mix 50 sxs Type III cement and spot a balanced plug inside casing to cover the casing stub top. TOH with tubing.

11. **Plug #8 (Nacimiento top, 1220' – 1120')**: TIH and set 9.625" cement retainer at 1170'. Mix and pump 97 sxs Type III cement, squeeze 48 sxs outside 9.625" casing and leave 49 sxs inside casing to cover the Nacimiento top.
12. **Plug #9 (Surface)**: Perforate 3 HSC squeeze holes at 388'. Establish circulation to surface out bradenhead valve, circulate the BH annulus clean. Mix approximately 260 sxs cement and pump down the 9.625" casing to circulate good cement to the surface. Shut in well and WOC.
13. 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.

# San Juan 31-6 Unit #16

Current - Revised 7/2/07

Blanco Mesaverde

850' FSL & 1840' FWL, Section 33, T-31-N, R-6-W

Rio Arriba County, NM / API #30-039-07928

Lat: N 36° 51'4.032" / Long: W 107° 28'13.4328"

Today's Date: 8/15/06

Revised 7/2/07

Spud: 6/15/59

Comp: 7/24/59

Elevation: 6499' GL

6512' KB

15" Hole

Nacimiento @ 1170'

Ojo Alamo @ 2510'

Kirtland @ 2605'

Fruitland @ 3110'

Pictured Cliffs @ 3450'

12.25" Hole

Chacra @ 4480'

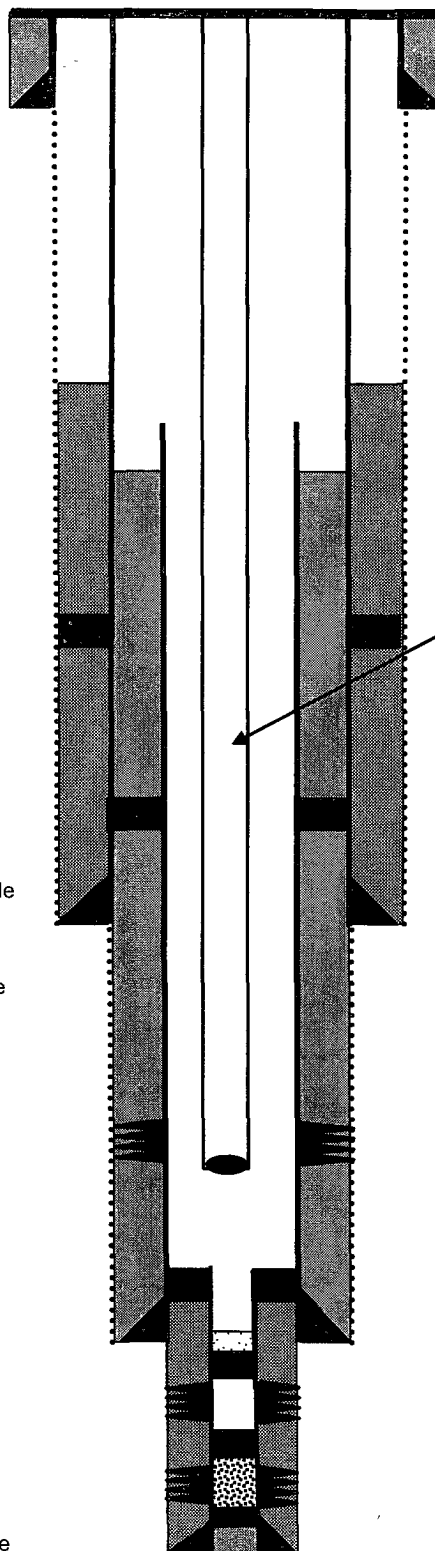
8.75" Hole

Mesaverde @ 5330'

Gallup @ 6785'

Dakota @ 7895'

6.25" Hole



13.375", 48#, J-55 Casing set @ 338'  
310 sxs cmt, 159 cf stratacrete,  
circulated to surface,

## Well History

**Jan '05:** Re-complete well as a downhole commingle.

**Sep '05:** Plugback well to Blanco MV by set CR at 7800' and spot 60' cement to isolate DK perms.

9.625" TOC @ 1450' (T.S.)

Cut off 7" casing 1998' (1959)

7" TOC @ 2400' (T.S.)

2.375" tubing at 5818'  
(252 jts 4.7#, J-55, MS @ 5817')

9.625" DV Tool @ 2703'  
Cemented with 1360 sxs  
(TOC at DV Tool)

7" DV Tool @ 3489'  
Cemented with 690 sxs

9.625" 36#, J-55 Casing @ 3573'  
Cemented with 290 sxs

Mesaverde Perforations:  
5430' - 5838'

TOL at 7661'

7" 26# / 23#, N-80 Casing @ 7736'  
Cemented with 640 sxs

**CR set at 7800' dump  
bail 60' cement (2005)**

Dakota Perforations:  
7970' - 8054'

**CR set at 8072',  
Squeeze 30 sxs below (1959)**

Dakota Perforations:  
7996' - 8124'

CIBP @ 8150' (1959)  
5" 18# N-80 Casing @ 8178'  
Cemented with 75 sxs, circulated

TD 8850'  
PBDT 8828'

# San Juan 31-6 Unit #16

## Proposed P&A

Blanco Mesaverde

850' FSL & 1840' FWL, Section 33, T-31-N, R-6-W

Rio Arriba County, NM / API #30-039-07928

Lat: N 36° 51'4.032" / Long: W 107° 28'13.4328"

Today's Date: 8/15/06

Spud: 6/15/59

Comp: 7/24/59

Elevation: 6499' GL  
6512' KB

15" Hole

Nacimiento @ 1170'

Ojo Alamo @ 2430'

Kirtland @ 2605'

Fruitland @ 3055'

Pictured Cliffs @ 3449'

12.25" Hole

Chacra @ 4140' \*est

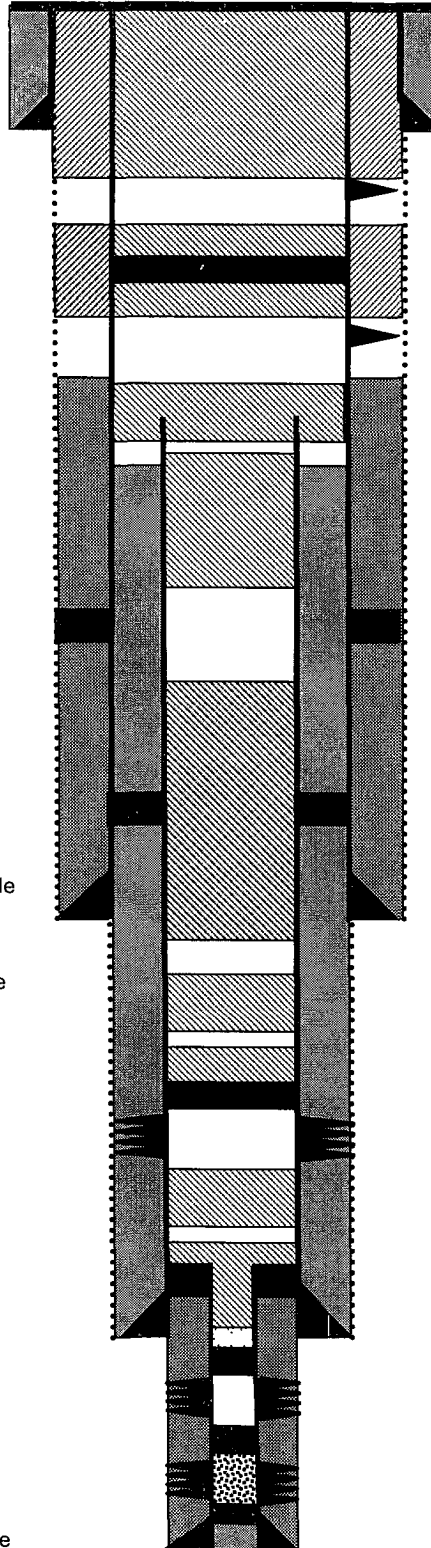
Mesaverde @ 5330'

Gallup @ 6850'

Dakota @ 7895'

8.75" Hole

6.25" Hole



13.375", 48#, J-55 Casing set @ 338'  
310 sxs cmt, 159 cf stratacrete,  
circulated to surface,

**Perforate @ 388'**

**Plug #9: 388' - 0'**  
Type III cement, 260

**Cmt Retainer @ 1170'**

**Plug #8: 1220' - 1120'**  
Type III cement, 97 sxs:  
48 outside and 50 inside

**Perforate @ 1220'**

9.625" TOC @ 1450' (T.S.)  
Cut off 7" casing 1998' (1959)

**Plug #7: 2048' - 1948'**  
Type III cement, 50 sxs

7" TOC @ 2400' (T.S.)

**Plug #6: 2655' - 2380'**  
Type III cement, 55 sxs

9.625" DV Tool @ 2703'  
Cemented with 1360 sxs

9.625" TOC @ DV Tool

7" DV Tool @ 3489'  
Cemented with 690 sxs

**Plug #5: 3623' - 3005'**  
Type III cement, 112 sxs

9.625" 36#, J-55 Casing @ 3573'  
Cemented with 290 sxs

**Plug #4: 4190' - 4090'**  
Type III cement, 25 sxs

**Plug #3: 5380' - 5280'**  
Type III cement, 25 sxs

**Set CR @ 5380'**

Mesaverde Perforations:  
5430' - 5838'

**Plug #2: 6900' - 6800'**  
Type II cement, 28 sxs

TOL at 7661'

7" 26# / 23#, N-80 Casing @ 7736'  
Cemented with 640 sxs

**CR set at 7800' dump  
ball 60' cement (2005)**

**Plug #1: 7740' - 7640'**  
Type II cement, 21 sxs

Dakota Perforations:  
7970' - 8054'

**CR set at 8072',  
Squeeze 30 sxs below (1959)**

Dakota Perforations:  
7996' - 8124'

CIBP @ 8150' (1959)

5" 18# N-80 Casing @ 8178'  
Cemented with 75 sxs, circulated

TD 8850'  
PBTD 8828'

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 16 San Juan 31-6 Unit

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of the 7" casing shoe/5" liner top plug to 7611'
  - b) Place the Gallup plug from 6870' – 6770'.
  - c) Place the Mesaverde plug from 5471' - 5371'.
  - d) Place the Chacra plug from 4241' – 4141'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.