Form 3160-5
(April2004)

UNITEDSTATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORMAPPROVED
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.*

5. Lease Serial No.
SF-078917

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SAN JUAN 29-5 UNIT 9

2. Name of Operator
CONOCOPHILLIPS CO.

9. API Well No.
30-039-07533

3a. Address
P.O. BOX 2197 WL3 6108 HOUSTON TX 77252

3b. Phone No. *(include area code)*
(832)486-2326

10. Field and Pool, or Exploratory Area
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1605 SOUTH 985 WEST
UL: L, Sec: 26, T: 29N, R: 5W

11. County or Parish, State
RIO ARRIBA
NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 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 requests approval to plug and abandon this well as per the attached procedure. Also attached is a current and proposed wellbore schematic.

NOI APPROVED FOR
CONDITIONS OF APPROVAL

JAN 2006
RECEIVED
OIL CONS. DIV.
DIST. 3

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

Title REGULATORY ANALYST

Signature Deborah Marberry

Date 01/09/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title PE

Date JAN 11 2006

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 FDO

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

PLUG AND ABANDONMENT PROCEDURE

December 13, 2005

San Juan 29-5 #9
Blanco Mesaverde
SW, Section 26, T29N, R5W, Rio Arriba County, New Mexico
API 30-039-07533 / Lat: _____N / Long: _____

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 (C-103) from the NMOCD.

2. Install and test rig anchors. Prepare lined 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. TOH with 174 joints 2.375" tubing and visually inspect, 5205'. If necessary use a workstring. Round-trip 5.5" gauge ring or casing scraper to 4800'.

4. **Plug #1 (Mesaverde perforations and Lewis perforations, 5405' – 4700'):** TIH with tubing and set 5.5" cement retainer at 4800'. 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 100 sxs Type III cement, squeeze 85 sxs (30% excess, long plug) below retainer to isolate MV and Lewis perforations and to cover the RBP at 5405'; sting out of CR and spot 15 sxs above. TOH with tubing.

5. Perforate the 5.5" casing at 4314'. Establish circulation to the surface out the 7.625" intermediate annulus. ND the tubing head and weld a 5.5" slip on collar on the casing stub. Pull the 5.5" casing and calculate the free point. Cut the 5.5" casing at 4260' (or appropriate depth). Rig up casing crew, cat walk and pipe racks. POH with 5.5" casing and LD.

6. **Plug #2 (7.625" casing shoe and Pictured Cliffs top, 4314' – 4085'):** TIH and set 7.625" cement retainer at 4200'. Establish rate below the CR. Sting out of the CR and load the casing. Pressure test casing to 800#. *If the 7.625" casing does not test, then spot or tag subsequent plugs as appropriate.* Mix and pump 63 sxs cement, squeeze 30 sxs below the CR to cover the 5.5" casing stub and the 7.625" casing shoe, then sting out and leave 33 sxs above the CR inside the 7.625" casing to cover the Pictured Cliffs top. PUH to 3890'.

7. **Plug #3 (Fruitland top, 3890' – 3790'):** Mix 31 sxs cement and spot a balanced plug inside the 7.625" casing to cover the Fruitland top. PUH to 3621'.

8. **Plug #4 (Kirtland and Ojo Alamo tops, 3621' – 3377'):** Mix 60 sxs cement and spot a balanced plug inside the 7.625" casing to cover the Kirtland and Ojo Alamo tops. TOH with tubing.

9. **Plug #5 (Nacimiento top, ~~2230~~ 2273' – ~~2430~~ 2473')**: Perforate 3 squeeze holes at 2230'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7.625" CR at 2180'. Establish rate into squeeze holes. Mix and pump 64 sxs cement, squeeze 33 sxs outside the 7.625" casing leave 31 sxs inside the casing to cover the Nacimiento top. TOH and LD tubing.

10. **Plug #6 (10.75" casing shoe, 275' – Surface)**: Perforate 3 squeeze holes at 275'. Establish circulation to surface out the bradenhead valve. Mix approximately 130 sxs cement and pump down the 7.625" casing to circulate cement to the surface out the bradenhead. Shut in well and WOC.

11. 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 29-5 #9

Current

Blanco Mesaverde

1605' FSL & 985' FWL, Section 26, T-29-N, R-5-W , Rio Arriba County, NM

Lat: N _____/ Long: W _____/ API 30-039-07533

Today's Date: **12/13/05**
Spud: 7/12/55
Comp: 9/2/55
Elevation: 7174' GL
7187' KB

14.75" Hole

10.75" 32.75#, Casing set @ 225'
Cement with 150 sxs, circulated to surface

Well History

Jul '97: Pay Add: Attempt to add Lewis Shale zone. Set CIBP to cover existing MV perfs. Perforate and frac Lewis Shale zone. Attempt to retrieve CIBP at 5405', found casing collapsed at 5226'. Milled to 5240', unable to drill out CIBP above MV perfs.

Nacimiento @ 2180' *est

Top of Cmt @ 3137' (Calc, 75%)

Ojo Alamo @ 3427'

Kirtland @ 3571'

2.375" Tubing set at 5205'
(174 joints, 4.70#, J-55)

Fruitland @ 3840'

9.875" Hole

Pictured Cliffs @ 4135'

7.625" 26.4#, Casing @ 4264'
Cement with 185 sxs (318 cf)

Top of Cmt @ 4487' (Calc, 100%)

Chacra @ 4910'

Mesaverde Perforations:
4877' – 5300'

Casing collapse at 5226', unable to mill through a tight spot from 5226' to 5240'.

Set CIBP @ 5405' (1997)

Mesaverde @ 5975'

Mesaverde Perforations:
5976' – 6482'

6.75" Hole

5.5" 14#, Casing @ 6523'
Cemented with 125 sxs (170 cf)
(air drilled hole, small washout)

TD 6526'
PBTD 5405'

San Juan 29-5 #9
Proposed P&A
Blanco Mesaverde

1605' FSL & 985' FWL, Section 26, T-29-N, R-5-W , Rio Arriba County, NM

Lat: N _____/ Long: W _____/ API 30-039-07533

225'/3.775(1.32) = 55 sxs
50/4.6564(1.32) = 8 sxs
225/4.009(1.32) = 43 sxs
106 sxs

Today's Date: **12/13/05**
Spud: 7/12/55
Comp: 9/2/55
Elevation: 7174' GL
7184' KB

14.75" Hole

10.75" 32.75#, Casing set @ 225'
Cement with 150 sxs, circulated to surface

Perforate @ 275'

Plug #6: 275' – 0'
Type III cement, 130 sxs,

2273 2173

Nacimiento @ ~~2480~~' * est.
2223

Plug #5: ~~2230~~' – ~~2130~~'
Type III cement, 64 sxs,
33 sxs outside casing and
31 sxs inside.

Cmt Ret @ 2180'

Perforate @ 2230'

31(3.775)1.32 = 154'
23(4.6564)1.32 = 203'

Top of Cmt @ 3137' (Calc, 75%)

Plug #4: 3621' – 3377'
Type III cement, 60 sxs

Ojo Alamo @ 3427'
5

(3621-3377+50)/3.775(1.32) = 59 sxs

Kirtland @ 3571'

Plug #3: 3890' – 3790'
Type III cement, 31 sxs

31(3.775)(1.32) = 154'

Fruitland @ 3840'

Plug #2: 4314' – 4085'
Type III cement, 63 sxs:
30 sxs below CR and 33
sxs above.

9.875" Hole

Cmt Ret @ 4200'

Pictured Cliffs @ 4135'
4

7.625" 26.4#, Casing @ 4264'
Cement with 185 sxs (318 cf)

(4314 - 4085 + 50)/3.775 (1.32) = 56 sxs

Cut 5.5" Casing @ 4260'

Perforate @ 4314'

Top of Cmt @ 4487' (Calc, 100%)

Cmt Retainer @ 4800'

Chacra
~~Mesaverde~~ Perforations:
4877' – 5300'

Plug #1: 5405' – 4700'
Type III cement, 100 sxs:
85 sxs below CR (30%,
long plug) and 15 sxs
above CR.

Chacra @ ~~4910~~'
4875

Casing collapse at
5226', milled to 5240'.

Set RBP @ 5405' (1997)

15(7.299)(1.32) = 145'

Mesaverde @ 5975'

Mesaverde Perforations:
5976' – 6482'

6.75" Hole

5.5" 14#, Casing @ 6523'
Cemented with 125 sxs (170 cf)
(air drilled hole, small washout)

TD 6526'
PBTD 5405'