Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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.
JIC 90

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.
CHRIS 2

2. Name of Operator
CONOCOPHILLIPS CO.

9. API Well No.
30-039-21390

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)*
1450 SOUTH 1850 WEST
UL: K, Sec: 10, T: 27N, R: 3W

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 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 moved on this well to repair the bradenhead and discovered that the casing was not in good condition and would need to be plugged. Attached is our procedure to plug this well as well as a current and proposed wellbore schematic.

JUN 2005
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
06/20/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title PE

Date JUN 22 2005

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, makes 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 reverse)

NMOCD

PLUG AND ABANDONMENT PROCEDURE

June 20, 2005

Chris #2
Blanco Mesaverde
NW, Section 10, T27N, R3W, Rio Arriba County, New Mexico
API 30-039-21390 / Lat: 36^0 35' 4.164" N / Long: 107^0 8' 3.84" 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. Install and test rig anchors. Prepare blow 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.

2. TIH and retrieve RBP at 1960'.

3. **Plug #1 (Mesaverde perforations, 5584' - 5484'):** TIH and set 4.5" cement retainer or a wireline CIBP at 5584'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Casing has multiple holes – establish rate and record pressure. Until the casing does test, **spot or tag all plugs as appropriate**. Mix 11 sxs Type III cement and set a balanced plug above CR to isolate the Mesaverde perforations. TOH with tubing.

4. **Plug #2 (Chacra top, ~~4635~~ 4835' – ~~4535~~ 4735'):** Perforate 3 squeeze holes at ~~4635~~ 4835'. Set 4.5" cement retainer at ~~4585~~ 4685'. Establish rate below CR into squeeze holes. Mix and pump 46 sxs Type III cement, squeeze 35 sxs outside the casing and spot 11 sxs inside casing to cover the Chacra top. PUH to 3787'.

5. **Plug #3 (Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo tops, ~~3787~~ 3816' - ~~3225~~ 3243'):** Mix 60 sxs Type III cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH to 1370.

6. **Plug #4 (Nacimiento top, ~~1372~~ 2190' – ~~1270~~ 2080'):** Note: the casing from 1309' to 1096' was squeezed with 100 sxs Type III cement on June 7th in an attempt to repair casing leaks. Drilled out cement from 1050' to 2640', did not pressure test. Bad casing from 2715' to 1096'. Also ran CBL with TOC at 2780'.

7. Mix 25 sxs Type III cement (excess due to casing holes) and spot a balanced plug inside casing to cover the Nacimiento top (annulus filled by above squeeze). TOH and LD tubing.

8. **Plug #5 (Surface casing shoe, 248' – Surface):** Perforate 3 squeeze holes at 248'. Attempt to establish circulation to surface the bradenhead valve. Mix approximately 80 sxs cement and pump down the 4.5" casing to circulate cement to the surface out the bradenhead. Shut in well and WOC.

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.

Chris #2

Current

Blanco Mesaverde

1450' FNL & 1850' FWL, Section 10, T-27-N, R-3-W, Rio Arriba County, NM

Lat: 36^0 35' 4.164" N & Long: 107^0 8' 3.84" / API #30-039-21390

Today's Date: **6/20/05**
Spud: 6/28/77
Completed: 7/10/77
Elevation: 7008' GL
7020' KB

12.25" hole

8.625" 24#, K-55 Casing set @ 198'
Cement with 140 sxs (Circulated to Surface)

Well History

Dec '04: Bradenhead Test: Shut in BH pressure – 41#; steady gas blow.

Jun '05: Attempt to repair casing leaks from 1096' to 1308'; squeezed with 100 sxs Type III. Drilled out from 1050' to 2640', did not pressure test.

Nacimiento @ 1320'

TOC @ 2780' (CBL, 2005)

Ojo Alamo @ 3275'

Kirtland @ 3458'

Fruitland @ 3578'

Pictured Cliffs @ 3737

DV Tool set @ 3916'
Cement with 1000 cf,
350 sxs with 12% gel then
100 sxs with 4% gel;
TOC Unknown, lost cir while mixing.

Chacra @ 4585'

TOC @ ??

Mesaverde @ ~~5582~~' 5624

Mesaverde Perforations:
5684' – 6118"

7.875" hole

4.5" 10.5#, K-55 Casing set @ 6198'
Cement with 300 sxs (555 cf)
TOC Unknown, lost cir while mixing.

TD 6200'
PBTD 6165'

Chris #2

Proposed P & A

Blanco Mesaverde

1450' FNL & 1850' FWL, Section 10, T-27-N, R-3-W, Rio Arriba County, NM

Lat: 36^0 35' 4.164" N & Long: 107^0 8' 3.84" / API #30-039-21390

Today's Date: **6/20/05**
Spud: 6/28/77
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Elevation: 7008' GL
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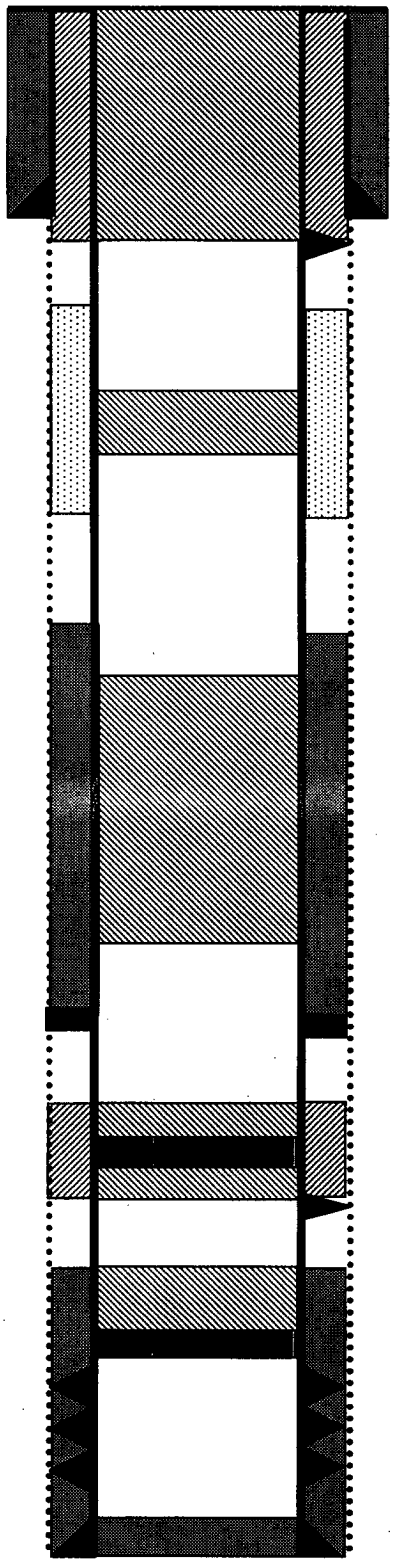
12.25" hole



7.875" hole

TD 6200'
PBTD 6165'

Plug 5: 271' – Surface
Type III cement, 80 sxs

8.625" 24#, K-55 Casing set @ 198'
Cement with 140 sxs (Circulated to Surface)

Nacimiento @ 1320'

Plug #4: 1372' – 1272'
Type III cement, 109 sxs

TOC @ 2780' (CBL, 2005)

Ojo Alamo @ 3275'

Kirtland @ 3458'

Fruitland @ 3578'

Pictured Cliffs @ 3737

Plug #3: 3787' – 3225'
Type III cement, 60 sxs

DV Tool set @ 3916'
Cement with 1000 cf,
350 sxs with 12% gel then
100 sxs with 4% gel;
TOC Unknown, lost cir while mixing.

Chacra @ 4585'

Plug #2: 4635' – 4535'
Type III cement, 46 sxs:
35 sxs outside casing
and 11 sxs inside.

TOC @ ??

Plug #1: 5534' - 5434'
Type III cement, 11 sxs

Mesaverde @ 5582'

Mesaverde Perforations:
5684' – 6118"

4.5" 10.5#, K-55 Casing set @ 6198'
Cement with 300 sxs (555 cf)
TOC Unknown, lost cir while mixing.