

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.**

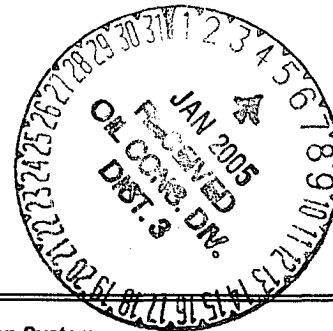
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. MOORE B 1
2. Name of Operator CONOCOPHILLIPS CO.		9. API Well No. HILL 8603M 1601 45-11601
3a. Address P O BOX 2197 WL3 6108 HOUSTON, TX 77252	3b. Phone No. (include area code) Ph: 832-486-2326	10. Field and Pool, or Exploratory BASIN DAKOTA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T26N R11W SWNE 1450FNL 1850FEL		11. County or Parish, and State SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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 plug and abandon this well as per the attached procedure. Also attached is the current and proposed wellbore schematic.



14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #52149 verified by the BLM Well Information System For CONOCOPHILLIPS CO., sent to the Farmington</b>	
Name (Printed/Typed) DEBORAH MARBERRY	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 12/21/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>[Signature]</i>	Title <i>RE</i>	JAN 03 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 <i>FDO</i>

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**NMOCD**

## PLUG AND ABANDONMENT PROCEDURE

December 15, 2004

### Moore B #1

Basin Dakota

NW, Section 3, T26N, R11W

San Juan County, New Mexico, API 30-045-11601

Lat: 36°31.13.872" N / Long: 107° 59'16.08" 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. PU on tubing and release Loc set packer set at 6266'. TOH and talley 2-3/8" tubing, total 6266'; LD packer.
3. **Plug #1 (Dakota perforations, 6277' - 6177')**: TIH with tubing and set a 4.5" cement retainer at 6277'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 500 PSI. If casing does not test, then spot or tag cement plugs as appropriate. Mix 11 sxs Type III cement and spot a balanced plug inside the casing above CR to isolate the Dakota perforations. PUH to 5360'.
4. **Plug #2 (Gallup top, 5360' - 5260')**: Mix 11 sxs Type III cement and spot balanced plug inside casing to cover the Gallup top. PUH to 3410'.  
2730 2630
5. **Plug #3 (Mesaverde top, 3410' - 3310')**: Mix 11 sxs Type III cement and spot balanced plug inside casing to cover the Mesaverde top. PUH to 2730'. 35 sxs outside.  
2296 2196 2296
6. **Plug #4 (Chacra top, 2730' - 2630')**: Perforate 3 squeeze holes at 2730'. If the casing tested, then attempt to establish rate into squeeze holes. Set 4.5" cement retainer at 2680'. Mix 46 sxs Type III cement, squeeze 35 sxs outside the casing and leave 11 sxs inside casing to cover the Chacra top.  
1438
7. **Plug #5 (Pictured Cliffs and Fruitland top, 1870' - 1515')**: Perforate 3 squeeze holes at 1870'. If the casing tested, then attempt to establish rate into squeeze holes. Set 4.5" cement retainer at 1820'. Mix 151 sxs Type III cement, squeeze 124 sxs outside the casing and leave 27 sxs inside casing to cover the Pictured Cliffs and Fruitland tops. TOH with tubing.
8. **Plug #6 (Kirkland and Ojo Alamo tops, 880' - 690')**: Perforate 3 squeeze holes at 880'. If the casing tested, then attempt to establish rate into squeeze holes. Set 4.5" cement retainer at 830'. Mix 83 sxs Type III cement, squeeze 65 sxs outside casing and leave 14 sxs inside casing to cover the Kirkland and Ojo Alamo tops. TOH and LD tubing.
9. **Plug #7 (8 5/8" Casing shoe, 329' to Surface)**: Perforate 3 holes at 329'. Establish circulation out the bradenhead valve with water. Mix 100 sxs Type III cement and pump down the 4.5" casing from 329' to surface, circulate good cement out bradenhead valve. Shut in well and WOC.

10. 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.

# Moore B #1

## Current

Basin Dakota, API #30-045-11601  
NE, Section 3, T-26-N, R-11-W, San Juan County, NM  
Lat: 36° 31' 13.872 N / Long: 107° 59' 16.08 W

Today's Date: 12/15/04  
Spud: 9/27/65  
Completed: 10/10/65  
Elevation: 6321' GL  
6332' KB

12-1/4" hole

8-5/8" 24#, J-55 Casing set @ 279'  
Cement with 179 sxs (Circulated to Surface)

Ojo Alamo @ 740'  
Kirtland @ 830'

Fruitland @ 1565'

Pictured Cliffs @ 1820'

Chacra @ 2680'

Mesaverde @ 3360'

Gallup @ 5310'

Dakota @ 6325'

7-7/8" hole

### Well History:

Mar 85': Pull tubing; set BP at 6278'.  
Isolate casing leak at 3510'. Squeezed with  
150 sxs cement. DO and PT. Land with  
packer at 6266'.

2 3/8 Tubing set at 6276'  
(202 joints above packer and 1 below)

TOC @ 3378' (Calc, 75%)

Casing leak at 3510', squeezed with 150  
sxs; TOC at 2927' (Calc, 75%)

DV Tool @ 4582'  
Cmt with 310 sxs (366 cf)

TOC @ 4752' (Calc, 75%)

Loc set Packer @ 6266'

Dakota Perforations:  
6327' - 6427'

4-1/2" 9.5#, Casing set @ 6500'  
Cement with 450 sxs (531 cf)

TD 6500'  
PBD 6464'

# Moore B #1 Proposed P & A

Basin Dakota, API #30-045-11601  
NE, Section 3, T-26-N, R-11-W, San Juan County, NM  
Lat: 36° 31' 13.872 N / Long: 107° 59' 16.08 W

Today's Date: 12/15/04  
Spud: 9/27/65  
Completed: 10/10/65  
Elevation: 6321' GL  
6332' KB

12-1/4" hole

Ojo Alamo @ 740'  
Kirtland @ 830'

Fruitland @ 1585'  
1486

Pictured Cliffs @ 1820'  
1776

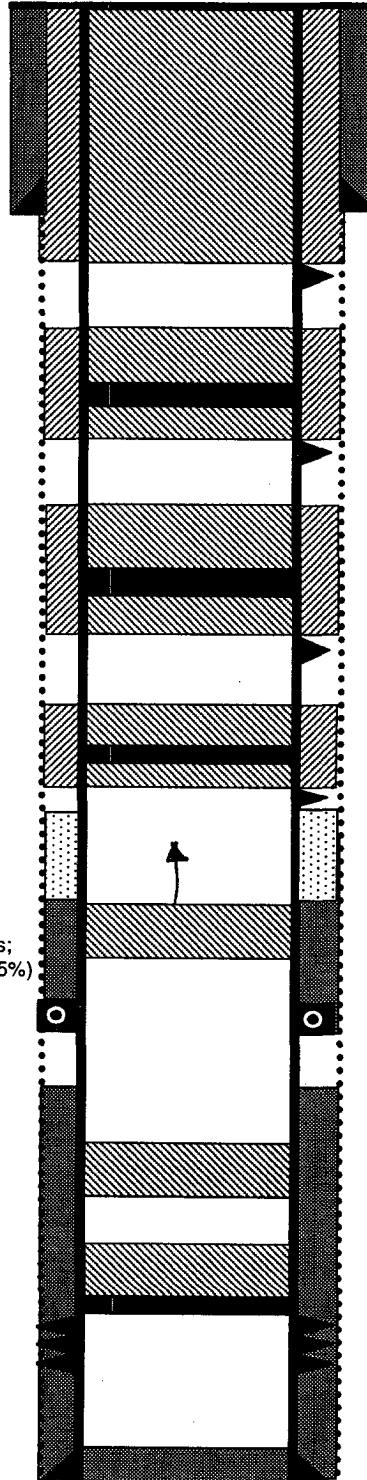
Chacra @ 2680'  
2246

Mesaverde @ 3260'  
2680  
Casing leak at 3510',  
squeezed with 150 sxs;  
TOC at 2927' (Calc, 75%)

Gallup @ 5310'  
2

Dakota @ 6325'  
6294

7-7/8" hole



TD 6500'  
PBD 6464'

$$\begin{aligned} 329 / 10.96 (1.32) &= 23 \text{ sxs} \\ 50 / 4.389 (1.32) &= 9 \text{ sxs} \\ 279 / 4.046 (1.32) &= 52 \text{ sxs} \\ \hline &84 \text{ sxs} \end{aligned}$$

8-5/8" 24#, J-55 Casing set @ 279'  
Cement with 179 sxs (Circulated to Surface)

Plug #7: 329' - Surface  
Cement with 100 sxs

Perforate @ 329'

Set CR @ 830'  
Perforate @ 880'

Plug #6: 880' - 690'

Cement with 83 sxs,  
66 sxs outside and  
17 sxs inside.

$$\begin{aligned} 840 - 690 + 50 / 10.96 (1.32) &= 17 \text{ sxs} \\ (840 - 690) / 4.389 (1.32) &= 64 \text{ sxs} \end{aligned}$$

Plug #5: 1870' - 1515'

Cement with 151 sxs,  
124 sxs outside and  
27 sxs inside.

Set CR @ 1820'  
Perforate @ 1870'

$$\begin{aligned} (870 - 1436 + 50) / 10.96 (1.32) &= 33 \\ (870 - 1436) / 4.389 (1.32) &= 145 \end{aligned}$$

$$2296 \text{ ' } 2196 \text{ '}$$

Set CR @ 2680'  
Perforate @ 2730'

Plug #4: 2730' - 2630'

Cement with 46 sxs, 35  
sxs outside and  
11 sxs inside.

TOC @ 3378' (Calc, 75%)

$$2730 \text{ ' } 2630 \text{ '}$$

Plug #3: 3410' - 3310'

Cement with 11 sxs  
35 outside

DV Tool @ 4582'

Cmt with 310 sxs (366 cf)

$$35 (4.389) 1.32 = 203 \text{ sxs}$$

TOC @ 4752' (Calc, 75%)

Plug #2: 5360' - 5260'

Cement with 11 sxs

Set CR @ 6277'

Plug #1: 6277' - 6177'

Cement with 11 sxs

Dakota Perforations:  
6327' - 6427'

$$11 (10.96) 1.32 = 159 \text{ '}$$

4-1/2" 9.5#, Casing set @ 6500'  
Cement with 450 sxs (531 cf)