

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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		5. Lease Serial No. NMSF 079114-A
2. Name of Operator CONOCO INC.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252		7. If Unit or CA Agreement, Name and/or No.
3b. Phone Nos. (include area code) Ph: 832/486.2326 Fx: 832/486.2715		8. Well Name and No. CAMPBELL 5
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T27N R12W NENE 790FNL 790FEL		9. API Well No. 30-045-06307
		10. Field and Pool, or Exploratory BASIN DAKOTA
		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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input checked="" type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other
	<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 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.)

In reference to NMSF-079114A (WC)  
3162.3-2(7100)

Conoco proposes to plug and abandon this well as per the attached procedure. Also attached is the proposed and current wellbore schematic.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #16870 verified by the BLM Well Information System For CONOCO INC., sent to the Farmington</b>	
Name (Printed/Typed) DEBORAH MARBERRY	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 12/12/2002

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

Approved By <b>Original Signed: Stephen Mason</b>	Title	Date 12/16/02
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	

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*****NMOCD**

# Campbell Federal #5

Current

Basin Dakota

NE, Section 27, T-27-N, R-12-W, San Juan County, NM

API #30-045-06307

Lat: 36°33'5" N / Long: 108°5'32" W

Today's Date: 11/26/02

Spud: 8/3/61

Completed: 8/14/61

Elevation: 5864' GL

13-3/4" hole

Kirtland @ 250'

Fruitland @ 1070'

Pictured Cliffs @ 1320'

Mesaverde @ 2207'

Casing leaks 3620' to 2850', sqz'd with total 500 sxs cement (1974)

Gallup @ 4920'

8-3/4" Hole to 5039'

Dakota @ 5946'

7-7/8" Hole to 6044'

PBTD 6027'

TD 6044'

10-3/4" 32.75# Csg set @ 220'  
Cmt w/150 sxs (Circulated to Surface)

## WELL HISTORY

**Jan '67: Casing Leak:** Set Model D packer at 5850'. Land tubing and load annulus with "Kem Pac".

**Dec '74: Casing Repair:** Isolate casing leak 2850' to 3620'. Squeeze with a total 500 sxs.

**Feb '97:** Mill out Model D packer to 5980'. PT casing to 1000#, bleed down to 750# and held for 15 min.

**Jul '97:** Tubing Plugged: TOH with tubing, 1 joint missing. Run scraper to 5834'. Clean out 5980'. Set Arrow packer at 5851'.

**Jun '98:** Ran coiled tubing down to tag fish at 5982'. Slick line ran impression blocks.

**Aug '98:** Pull tubing and packer. Mill out fish from 5980' to 6027'. Acidize perms. Set Arrow Model 440 packer at 5864'.

2-7/8" tubing at 5980'  
(192 joints, 6.5# EUE)

TOC @ 4792' (Calc, 75%)

Arrow Model 440 Packer @ 5864'  
(in 12000# compression)

Dakota Perforations:  
5948' - 5995'

4-1/2" 10.5# Casing set @ 6044'  
Cmt with 300 sxs (404 cf)

## PLUG AND ABANDONMENT PROCEDURE

12/02/02

Campbell Federal #5  
Basin Dakota  
790' FNL & 790' FEL, Unit A, Section 27, T27N, R12W  
San Juan County, NM API #30-045-06307  
Latitude: 36°33.45" N & Longitude: 108°5'31.56" 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 II, mixed at 15.6 ppg with a 1.18 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. MO 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 to release Arrow Model 440 packer at 5864'. TOH with 192 joints 2-7/8" tubing and LD packer. Inspect tubing, if necessary use a workstring.
3. **Plug #1 (Dakota perforations, 5900' - 5800')**: TIH and set a 4-1/2" cement retainer at 5898'. Pressure test tubing to 1000#. Load casing with water and circulate clean. Pressure test casing to 800#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 12 sxs cement and spot a balanced plug above the CR to isolate the Dakota perforations. PUH to 4970'.
4. **Plug #2 (Gallup top, 4970' - 4870')**: Mix 12 sxs cement and spot a balanced plug to cover the Gallup top. If casing leaks, then increase cement to 20 sxs. TOH with tubing.  

2897' 2797'
5. **Plug #3 (Mesaverde top, 2257' - 2157')**: Perforate 3 HSC squeeze holes at 2257'. If casing tests, then establish rate into squeeze holes. Set 4-1/2" CR at 2207'. Mix and pump 64 sxs cement, squeeze 52 sxs outside casing and leave 12 sxs inside casing to cover MV top. TOH.  

2897'
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 1370' - 1020')**: Perforate 3 HSC squeeze holes at 1370'. If casing tests, then establish rate into squeeze holes. Set 4-1/2" CR at 1320'. Mix and pump 218 sxs cement, squeeze 182 sxs outside casing and leave 36 sxs inside casing to cover Pictured Cliffs and Fruitland tops. TOH and LD tubing.  

938'
7. **Plug #5 (Kirtland top and 10-3/4" casing shoe, 270' - Surface)**: Perforate 3 HSC squeeze holes at 270'. Establish circulation down 4-1/2" casing and out the bradenhead valve. Mix and pump approximately 135 sxs cement down 4-1/2" casing to circulate cement out BH valve. Shut in well.  

301
8. 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.

# Campbell Federal #5

## Proposed P & A

Basin Dakota

NE, Section 27, T-27-N, R-12-W, San Juan County, NM

API #30-045-06307

Today's Date: 11/26/02

Spud: 8/3/61

Completed: 8/14/61

Elevation: 5864' GL

Ojo Alamo 160

Kirtland @ 250'

Lat: 36°33'5" N / Long: 108°5'32" W

Fruitland @ 1070'

958

Pictured Cliffs @ 1320'

2

Mesaverde @ 2207'

2847'

Casing leaks 3620' to 2850', sqz'd with total 500 sxs cement (1974)

Gallup @ 4920'

16

8-3/4" Hole to 5039'

Dakota @ 5040'

5870

7-7/8" Hole to 6044'

PBTD 6027'

TD 6044'

10-3/4" 32.75# Csg set @ 220'

Cmt w/150 sxs (Circulated to Surface)

Perforate @ 270'

301'

Plug #5: 270' - Surface  
Cement with 135 sxs

$$\begin{aligned} 301 / 11.167 (1.18) &= 23 \text{ sxs} \\ 80 / 4.3499 (1.18) &= 15 \text{ sxs} \\ 220 / 4.046 (1.18) &= 46 \text{ sxs} \\ \hline &84 \text{ sxs} \\ &938' \end{aligned}$$

Plug #4: 1370' - 1020'

Cement with 213 sxs,  
182 sxs outside casing  
and 31 sxs inside.

Cmt Retainer @ 1320'  $(1370 - 938) + 50 / 11.167 (1.18) = 37$   
 $(1370 - 938) 2 / 4.3499 (1.18) = 1676$

Perforate @ 1370'

Cmt Retainer @ 2207'

Perforate @ 2257'

2897'

2897' 2797'

Plug #3: 2257' - 2157'

Cement with 64 sxs,  
52 sxs outside casing  
and 12 sxs inside.

TOC @ 4792' (Calc, 75%)

Plug #2: 4970' - 480'

Cement with 12 sxs

Plug #1: 5900' - 5800'

Cement with 12 sxs

Set Cmt Retainer @ 5900'

Dakota Perforations:

5948' - 5995'

4-1/2" 10.5# Casing set @ 6044'

Cmt with 300 sxs (404 cf)