

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.

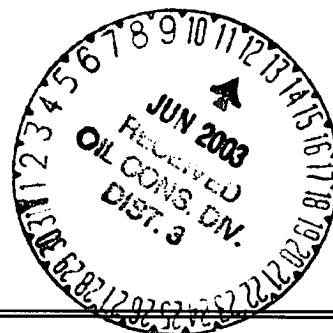
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NOOC14203022
2. Name of Operator CONOCOPHILLIPS COMPANY		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
3a. Address 5525 HIGHWAY 64 FARMINGTON, NM 87401		7. If Unit or CA/Agreement, Name and/or No. NMNM75910
3b. Phone No. (include area code) Ph: 832.486.2326 Fx: 832.486.2688		8. Well Name and No. NASSAU 3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T26N R11W SWNE 1500FNL 1850FEL 36.47659 N Lat, 107.97017 W Lon		9. API Well No. 30-045-20772-00-S1
		10. Field and Pool, or Exploratory BASIN DAKOTA / Gailup
		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 recompletable 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 recompletable 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 a current and proposed wellbore schematic.



14. I hereby certify that the foregoing is true and correct. Electronic Submission #22237 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by Steve Mason on 06/05/2003 (03SXM0907SE)	
Name (Printed/Typed) DEBORAH MARBERRY	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 05/22/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>STEPHEN MASON</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>06/10/2003</u>
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 <u>Farmington</u>

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOC

PLUG AND ABANDONMENT PROCEDURE

10/31/02

Nassau #3

Basin Dakota

1500' FNL & 1850' FEL, Section 23, T26N, R11W
San Juan County, New Mexico, API #30-045-20772
Long: 107°58' 13" W / Lat: 36° 28' 36" N

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. 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 location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and ConocoPhillips safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH with 6182' 2-3/8" tubing and visually inspect. If necessary, LD tubing and PU tubing workstring. Round-trip 4-1/2" gauge ring or casing scraper to 6103' or as deep as possible.
3. **Plug #1 (Dakota perforations, 6103' – 6003')**: TIH with tubing and set 4-1/2" CR at 6103'. Pressure test tubing to 1000#. Load the casing with water and then circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plug as appropriate. Mix 12 sxs cement and spot a balanced plug inside casing above CR to isolate the Dakota perforations. PUH 5227'.
4. **Plug #2 (Gallup perforations, 5227' – 5127')**: Mix 12 sxs cement and spot a balanced plug inside casing cover Gallup top. TOH with tubing.
5. **Plug #3 (Mesaverde top, ²⁵⁶⁰4794' – ²⁴⁶⁰4694')**: Perforate 3 squeeze holes at 2560'. If casing tested, then establish rate into squeeze holes. Set 4-1/2" cement retainer at 2510'. Establish rate below CR. Mix and pump 51 sxs cement, squeezes 39 sxs outside 4-1/2" casing and leave 12 sxs inside to cover Mesaverde top. TOH with tubing.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 1715' – 1355')**: Perforate 3 squeeze holes at 1715'. Set 4-1/2" cement retainer at 1665'. Establish rate below CR. Mix and pump 170 sxs cement, squeeze 139 sxs outside 4-1/2" casing and leave 31 sxs inside to cover Pictured Cliffs and Fruitland tops. TOH with tubing.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 760' – 550')**: Perforate 3 squeeze holes at 760'. Set a 4-1/2" cement retainer at 760'. Establish rate below CR into squeeze holes. Mix 101 sxs cement and squeeze 81 sxs outside 4-1/2" casing and leave 20 sxs inside the casing to cover the Kirtland and Ojo Alamo tops. TOH and LD tubing.
8. **Plug #6 (8-5/8" Surface casing, 218' - Surface)**: Perforate 3 squeeze holes at 218'. Establish circulation out bradenhead with water. Mix and pump approximately 90 sxs cement down the 4-1/2" casing to circulate good cement to surface. Shut well in and WOC.
9. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Nassau #3

Current

Basin Dakota

NE, Section 23, T-26-N, R-11-W

San Juan County, NM API #30045-20772

Lat: 36°28' N / Long: 107°58' W

Today's Date: 10/31/02

Spud: 5/26/71

Dk Completed: 6/26/71

GI Completed: 6/13/87

Elevation: 6313' GL

6325' KB

12-1/4" hole

8-5/8" 24# K-55 Casing @ 168'

Cement with 175 sxs, (Circ. to Surface)

WELL HISTORY

Aug '87: Complete Gallup: Perforate and frac the Gallup zone. Commingled with DK?

Jul '93: Install rods and pump.

Jul '00: P&A Gallup: Pressure test casing, held OK. Individually swab test both the Gallup and Dakota zones. Squeeze off the Gallup perforations with 150 and then 50 sxs cement. Land tubing to produce the Dakota zone.

Ojo Alamo @ 600'

Kirtland @ 710'

Fruitland @ 1405'

Pictured Cliffs @ 1665'

Mesaverde @ 2510'

2-3/8" Tubing set at 6182'
(EUE, SN @ 6181' with muleshoe)

TOC @ 3014', (Calc. 75%)

DV Tool @ 4397'

Cmt with 100 sxs (419 cf)

No circulation to surface.

TOC @ 4768' (Calc, 75%)

Gallup @ 5177'

Gallup Perforations:

5189' – 5459',

Sqzd with 150 sxs (2000)

Dakota @ 6198'

Dakota Perforations:

6153' – 6212'

4-1/2" 10.5#, K-55 casing @ 6270'
Cement with 300 sxs (456 cf)
No circulation during job.

7-7/8" hole

TD 6270'

Nassau #3 Proposed P&A

Basin Dakota
NE, Section 23, T-26-N, R-11-W
San Juan County, NM API #30045-20772
Lat: 36° 28' 36" N / Long: 107° 58' 13" W

Today's Date: 10/31/02
Spud: 5/26/71
Dk Completed: 6/26/71
GI Completed: 6/13/87

Elevation: 6313' GL
6325' KB

Ojo Alamo @ 600'

Kirtland @ 710'

Fruitland @ 1405'
2

Pictured Cliffs @ 1665'

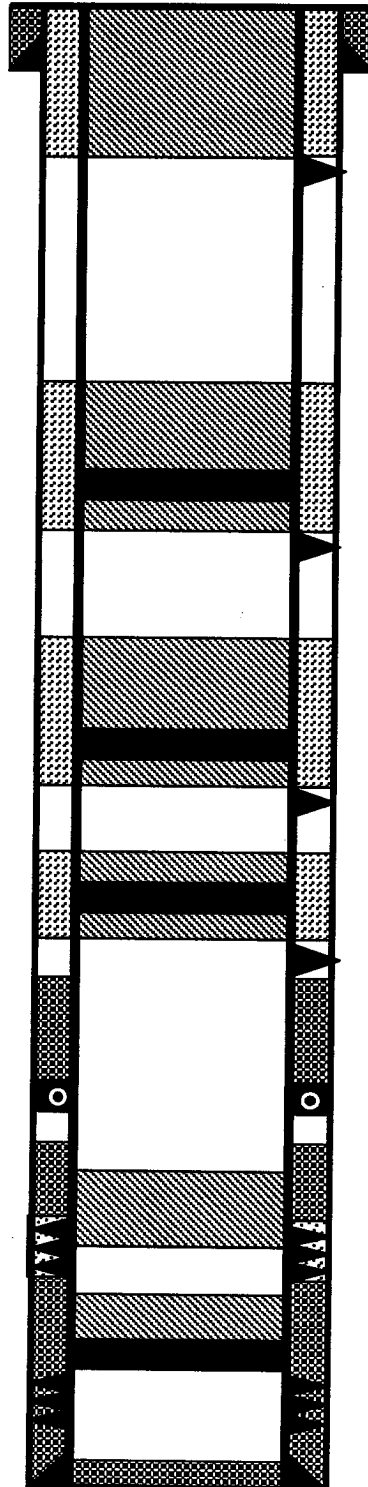
Mesaverde @ 2510'

Gallup @ 5177'
4

Dakota @ 6198'
44

12-1/4" hole

7-7/8" hole



TD 6270'

8-5/8" 24# K-55 Casing @ 168'
Cement with 175 sxs, (Circ. to Surface)

Perforate @ 218'

Plug #6: 218' - Surface
Cement with 90 sxs

$$\begin{aligned} 218 / 11.167 (1.18) &= 17 \\ 50 / 4.3899 (1.18) &= 10 \\ 168 / 4.044 (1.18) &= 35 \\ \hline &= 62 \text{ sxs} \end{aligned}$$

Plug #5: 760' - 550' - 210

Cement with 101 sxs,
81 outside and 20 inside.

$$\begin{aligned} 20 (11.167) 1.18 &= 264' \\ 81 (4.3899) 1.18 &= 420' \end{aligned}$$

Cmt Retainer @ 710'

Perforate @ 760'

Plug #4 1715' - 1355' - 360

Cement with 170 sxs,
139 outside and 31 inside.

$$\begin{aligned} 31 (11.167) 1.18 &= 408' \\ 139 (4.3899) 1.18 &= 720' \end{aligned}$$

Cmt Retainer @ 1665'

Perforate @ 1715'

Plug #3: 2560' - 2160'

Cement with 51 sxs,
39 outside and 12 inside.

$$39 (4.3899) 1.18 = 202'$$

Cmt Retainer @ 2510'

Perforate @ 2560'

TOC @ 3014', (Calc. 75%)

DV Tool @ 4397'

Cmt with 100 sxs (419 cf)
No circulation to surface.

TOC @ 4768' (Calc. 75%)

Plug #2: 5227' - 5127'

Cement with 12 sxs

Gallup Perforations:

5189' - 5459',
Sqzd with 150 sxs (2000)

Set CR @ 6103'

Dakota Perforations:
6153' - 6212'

Plug #1: 6103' - 6003'

Cement with 12 sxs

$$12 (11.167) (1.18) = 158'$$

4-1/2" 10.5# K-55 casing @ 6270'
Cement with 300 sxs (456 cf)
No circulation to surface during job.