

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 078640	
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 No. (include area code) Ph: 281.293.1005 Fx: 281.293.5466		8. Well Name and No. SAN JUAN 28-7 UNIT 93	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T27N R7W SESW 840FSL 1550FWL		9. API Well No. 30-039-07100	
		10. Field and Pool, or Exploratory BLANCO MESAVERDE/BLANCO P	
		11. County or Parish, and State RIO ARriba 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.)

Conoco proposes to plug this well as per the attached. Also attached are a current and proposed wellbore schematic.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #13347 verified by the BLM Well Information System
For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Steve Mason on 08/02/2002 ()

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 08/02/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>Stephen OM Man</u>	Title <u>PE</u>	Date <u>8/6/02</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>FFO</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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ******NMOCD**

San Juan 28-7 Unit #93

Blanco Mesaverde/South Blanco Pictured Cliffs
 840' FSL and 1550' FWL, Section 9, T27N, R7W
 Rio Arriba County, New Mexico
 Lat: 36°0' / Long: 107°35.0'

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.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Conoco safety rules and regulations. MOL and RU daylight pulling unit. Conduct JSA meeting for all personnel on location. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH with 1-1/4" PC tubing (total 3168') and LD. PU on MV tubing to release Baker Model EGJ packer at 3330'. TOH with tubing and LD packer. If unable to release packer and tubing does not leak, then pump plug #1 down tubing and WOC. Determine free point by stretch and then jet cut tubing. Then TOH with tubing and if necessary PU workstring.
3. **Plug #1 (Mesaverde perforations and top, 5350' – 4763'):** Set 5-1/2" cement retainer at 5350'. Pressure test tubing to 1000#. Then pump 50 bbls water down tubing to cool formation. Mix 72 sxs Class B cement and spot a plug inside the casing above CR to isolate Mesaverde perforations and cover Mesaverde top. While WOC, TOH with tubing, LD setting tool. TIH and tag cement.
 → *Chaco plug 4131-4031.*
4. **Plug #2 (7-5/8" casing shoe, 5-1/2" liner top and Pictured Cliffs perforations and top, 3374' - 3062'):** After tagging plug #1, then PUH to 3374'. Pump 50 bbls water down tubing. Mix 85 sxs Class B cement (50% excess due to long plug) to cover casing shoe, liner top and to fill Pictured Cliffs perforations. PUH to 2400' and WOC. TIH and tag cement. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. PUH to 2470'.
5. **Plug #3 (Fruitland top, 2825' – 2725'):** Mix 34 sxs Class B cement and spot balanced plug inside casing to cover through the Fruitland top. PUH with tubing to 2470'.
6. **Plug #4 (Kirtland and Ojo Alamo tops, 2470' – 2180'):** Mix 76 sxs Class B cement and spot balanced plug inside casing to cover through the Ojo Alamo top. TOH with tubing.
7. **Plug #5 (Nacimieno top, 1380' – 1280'):** Round trip a 7-5/8" gauge ring to 1330'. Perforate 3 HSC squeeze holes at 1380'. RIH and set 7-5/8" wireline CR at 1330'. TIH with stinger and establish rate below the CR into squeeze holes. Mix 70 sxs Class B cement, squeeze 36 sxs cement outside 7-5/8" casing and leave 34 sxs cement inside casing to cover Nacimieno top. TOH and LD tubing.
8. **Plug #5 (10-3/4" Surface Casing, 173' - Surface):** Perforate 3 HSC squeeze holes at 223'. Establish circulation out bradenhead valve. Mix and pump approximately 100 sxs Class B cement down 7-5/8" casing, circulate good cement to surface. 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.

San Juan 28-7 Unit #93

Current

Blanco Mesaverde/South Blanco Pictured Cliffs

SW, Section 9, T-27-N, R-7-W, Rio Arriba County, NM

Lat: 36° 35.0' / Long: 107° 35.0'

Today's Date: 10/12/00
Spud: 12/3/57
Comp: 12/21/57
Elevation: 6647'

14-3/4" Hole

10-3/4" 32.75# Casing set @ 173'
125 sxs cement (Circulated to Surface)

Nacimiento @ 1330'

Top of Cmt @ 1535' (T.S.)

Ojo Alamo @ 2230'

Kirtland @ 2420'

Fruitland @ 2825'

PC: 1-1/4" 3.24# Tubing @ 3168'

MV: 2-3/8" 4.7# Tubing @ 5610'

Pictured Cliffs @ 3112'

Pictured Cliffs Perforations:
3130' - 3180'

5-1/2" Liner Top @ 3281'
TOC @ Liner top

7-5/8" 26.4# J-55 Casing @ 3324'
Cemented with 250 sxs

Baker EGJ Packer @ 3330'

9-7/8" Hole to 3324'

Mesaverde @ 4813'

Mesaverde Perforations:
5400' - 5661'

5-1/2" 15.5# Liner Set @ 5716'
Cemented with 300 sxs
TOC above liner top, Calc., 75%

6-3/8" Hole to 5720'

COTD 5670'

TD 5720'

San Juan 28-7 Unit #93

Blanco Mesaverde/South Blanco Pictured Cliffs
SW, Section 9, T-27-N, R-7-W, Rio Arriba County, NM
Lat: 36° 35.0' / Long: 107° 35.0'

Today's Date: 10/12/00
Spud: 12/3/57
Comp: 12/21/57
Elevation: 6647'

14-3/4" Hole

Nacimiento @ 1330'

Ojo Alamo @ 2236'
28

Kirtland @ 2420'
3

Fruitland @ 2825'
2775

Pictured Cliffs @ 3112'

9-7/8" Hole to 3324'

Chinle @ 4081

Mesaverde @ 4813'

6-3/8" Hole to 5720'

TD 5720'

10-3/4" 32.75# Casing set @ 173'
125 sxs cement (Circulated to Surface)

Perforate @ 223'

Plug #6 223' - Surface,
Cmt with 100 sxs Class B

$$\begin{aligned} 223 / 3.775 (1.18) &= 50 \text{ sxs} \\ 50 / 4.6564 (1.18) &= 9 \text{ sxs} \\ 173 / 4.009 (1.18) &= 37 \text{ sxs} \\ &= 96 \text{ sxs} \end{aligned}$$

Cmt Retainer @ 1330'

Plug #5 1380' - 1280'

Cmt with 70 sxs Class B,
36 sxs outside casing
and 34 sxs inside.

Perforate @ 1380'

Top of Cmt @ 1535' (T.S.)

$$200 / 4.6564 (1.18) = 36 \text{ sxs}$$

Plug #4 2470' - 2180'

Cmt with 76 sxs Class B

$$(2470 - 2180) + 50 / 3.775 (1.18) = 76 \text{ sxs}$$

Plug #3 2825' - 2725'

Cmt with 34 sxs Class B

$$150 / 3.775 (1.18) = 34 \text{ sxs}$$

Plug #2 3374' - 3062'

Cmt with 85 sxs Class B
(50% excess, long plug)

$$(3281 - 3062) + 150 / 3.775 (1.18) = 60$$

Pictured Cliffs Perforations:

3130' - 3180'

$$\begin{aligned} 60 \\ 11 \\ \hline 71 \text{ sxs} \end{aligned}$$

5-1/2" Liner Top @ 3281'

TOC @ Liner top

$$3374 - 3281 / 7.483 (1.18) = 11 \text{ sxs}$$

7-5/8" 26.4# J-55 Casing @ 3324'

Cemented with 250 sxs

$$\text{Plug } 4131 - 4031 \quad 150 / 7.483 (1.18) = 17 \text{ sxs or } 587'$$

Plug #1 5350' - 4763'

Cmt with 72 sxs Class B

Set CIBP @ 5350' 72 (7.483) 1.18 = 636'

Mesaverde Perforations:

5400' - 5661'

5-1/2" 15.5# Liner Set @ 5716'

Cemented with 300 sxs

TOC above liner top, Calc., 75%