

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 proposals5. Lease Serial No.
NMS# 03560

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
SAN JUAN 28-7 UNIT 989. API Well No.
30-039-0690210. Field and Pool, or Exploratory
BASIN DAKOTA11. County or Parish, and State
RIO ARRIBA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side**1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
CONOCO INC.Contact: DEBORAH MARBERRY
E-Mail: deborah.a.marberr@conoco.com3a. Address
P.O. BOX 2197 DU 3066
HOUSTON, TX 772523b. Phone No. (include area code)
Ph: 832.486.2326
Fx: 832.486.23264. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 29 T27N R7W SWNE 1800FNL 1800FEL**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 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.)

Conoco 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 #16177 verified by the BLM Well Information System For CONOCO INC., sent to the Farmington	
Name (Printed/Typed) DEBORAH MARBERRY	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 11/18/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Stephen Mason	Title	DEC - 4 2002 Date
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**

San Juan 28-7 Unit #98

Current

Basin Dakota / Blanco Mesaverde

NE, Section 29, T-27-N, R-7-W, Rio Arriba County, NM

API #30-039-69020

Lat: N 36° 32' 46" / Long: W 107° 35' 43"

Today's Date: 11/7/02
Spud: 12/27/58
Comp: 2/7/59
Elevation: 6570' GL

17-1/2" Hole

Cement circulated to surface per sundry

13-3/8" 48#, H-40 Casing set @ 176'
160 sxs cement (Circulated to Surface)

Well History

Oct '73: To reduce water production from Dk formation, a through tubing IBP was set at 7400', to accommodate the setting of the plug the tubing was cut at 7369', so a piece of tubing was left on bottom.

2-3/8" Mesaverde Tubing set at 5352'
(172 joints, Hydrill EUE)

2-3/8" Dakota Tubing set at 7415'
(236 joints, EUE, with Packer at 5790')

DV Tool @ 2300'
Cmt with 674 sxs (819 cf)
TOC @ DV Tool

7" Liner Top at 3018'

9-5/8" 40#, J-55 Casing @ 3071'
Cement with 270 sxs (358 cf)

7 x 8-3/4" Annulus squeezed
with 200 sxs neat (12/58)

Bottom of cement @ 4196'
(Calc, 75%)

TOC @ 4700' (T.S.)

Mesaverde Perforations:
5204' - 5314'

Guiberson "AN" Packer at 5790'

Dakota Perforations:
7268' - 7318', 7334' - 7430'

Inflatable BP set at 7400' (1973)

7" 23#, Liner set from 3018' to 7534'
Cement with 770 sxs (963 cf)
(Sqz'd TOL with 200 sxs, 1959)

Nacimiento @ 910'

Ojo Alamo @ 1980'

Kirtland @ 2208'

Fruitland @ 2615'

Pictured Cliffs @ 2872'

12-1/4" Hole to 3293'

Chacra @ 3780'

Mesaverde @ 4545'

Gallup @ 6243'

Dakota @ 7253'

8-3/4" Hole to TD

TD 7540'

PLUG AND ABANDONMENT PROCEDURE

11/7/02

San Juan 28-7 Unit #98

Basin Dakota / Blanco Mesaverde
1800' FNL and 1800' FEL, Section 29, T27N, R7W
Rio Arriba County, New Mexico, API 30-039-69020
Lat: N 36° 32' 46.284" / Long: W 107° 35' 43.08"

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. MOL and RU daylight pulling unit. NU relieve line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and LD Mesaverde 2" tubing, total 5352' (Hydrill EUE connections). Release Guiberson "AN" packer at 5790' on Dakota 2-3/8" tubing string. TOH and tally Dakota tubing, visually inspect and then LD packer. If necessary all LD tubing and use a workstring.
3. **Plug #1 (Dakota perforations, 7218' – 7128')**: TIH with tubing and set a 7" CR at 7218'. Pressure test tubing to 1000#. Pump 40 bbls water down tubing. Mix 28 sxs cement and spot a plug above the CR to isolate the Dakota perforations. PUH to 6293'.
4. **Plug #2 (Gallup top, 6293' – 6193')**: Pump 40 bbls water down tubing. Mix 28 sxs cement and spot a balanced plug inside the casing to cover the Gallup top. TOH with tubing and WOC. Tag cement with wireline.
5. **Plug #3 (Mesaverde perforations, 5154' – 5054')**: Set 7" CIBP or cement retainer at 5154'. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plug as appropriate. Mix 28 sxs cement and spot a balanced plug above the CIBP to isolate the Mesaverde perforations. TOH with tubing.
6. **Plug #4 (Mesaverde top, 4595' – 4495')**: Perforate 3 squeeze holes at 4595'. Establish rate into squeeze holes if casing tested. Set 7" cement retainer at 4545'. Establish rate below retainer into squeeze holes. Mix 54 sxs cement, squeeze 26 sxs cement outside 7" casing and leave 28 sxs cement inside casing to cover the Mesaverde top. PUH to 3830'.
7. **Plug #5 (Chacra top, 3830' – 3730')**: Mix 28 sxs cement and spot a balanced plug inside the casing to cover the Chacra top. PUH to 3121'.
8. **Plug #6 (9-5/8" casing shoe, 7" liner top and Pictured Cliffs top, 3121' – 2822')**: Mix 109 sxs cement and spot a balanced plug inside the casing to cover shoe, liner and PC top. PUH to 2665'.

PLUG AND ABANDONMENT PROCEDURE

11/7/02

San Juan 28-7 Unit #98

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Continued:

9. **Plug #7 (Fruitland top, 2665' – 2565')**: Mix 55 sxs cement and spot a balanced plug inside the casing to cover the Fruitland top. PUH to 2258'.
10. **Plug #8 (Kirtland and Ojo Alamo tops, ⁸⁶2258' – ⁶⁰1920')**: Mix 136 sxs cement and spot a balanced plug inside the casing to cover the Kirtland and Ojo Alamo tops. PUH to 960'.
11. **Plug #9 (Nacimiento top, 960' – 860')**: Mix 55 sxs cement and spot a balanced plug inside the casing to cover the Nacimiento top. PUH to 226'.
12. **Plug #10 (226' - Surface)**: Connect pump line to bradenhead valve and pressure test annulus to 300#. If BH tests, then mix 90 sxs cement and spot a plug from 226' to surface. Circulate good cement out casing valve, then TOH and LD tubing. If BH does not hold pressure then perforate at 226' and attempt to circulate to surface. Fill bradenhead annulus with cement as necessary. Shut in well and WOC. SDFD.
13. 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 #98

Proposed P&A

Basin Dakota / Blanco Mesaverde

NE, Section 29, T-27-N, R-7-W, Rio Arriba County, NM

API #30-039-69020

Lat: N 36° 32' 46" / Long: W 107° 35' 43"

Today's Date: 11/7/02
Spud: 12/27/58
Comp: 2/7/59
Elevation: 6570' GL

Nacimiento @ 940'
05

Ojo Alamo @ 1980'
2010

Kirtland @ 2208'
36

Fruitland @ 2616'
03

Pictured Cliffs @ 2872'
60

Chacra @ 3780'
74

Mesaverde @ 4548'
4

Gallup @ 6248'
33

Dakota @ 7253'
7187

17-1/2" Hole

12-1/4" Hole to 3293'

Cmt Ret @ 4545'

Perforate @ 4595'

CIBP @ 5154'

Cmt Ret @ 7218'

8-3/4" Hole to TD

TD 7540'

Cement circulated to surface per sundry

13-3/8" 48#, H-40 Casing set @ 176'
160 sxs cement (Circulated to Surface)

Plug #10: 226' – Surface
Cement with 90 sxs

$90(2.349)1.18 = 249'$

Plug #9: 960' – 860'
Cement with 55 sxs

$55(2.349)1.18 = 152'$

Plug #8: 2250' – 1930'
Cement with 136 sxs

$136(2.349)1.18 = 376'$

DV Tool @ 2300'
Cmt with 819 cf
TOC @ DV Tool

Plug #7: 2665' – 2565'
Cement with 55 sxs

$55(2.349)1.18 = 152'$

Plug #6: 3121' – 2822'
Cement with 109 sxs

$(109-23)2.349(1.18) = 238'$

7" Liner Top at 3018'

9-5/8" 40#, J-55 Casing @ 3071' (3018' - 2822') 196
Cement with 270 sxs (358 cf)

7 x 8-3/4" Annulus
with 200 sxs neat (1958)
Bottom of cement
@ 4196' (Calc, 75%)

Plug #5: 3830' - 3730'
Cement with 28 sxs

Plug #4: 4595' – 4495'
Cement with 54 sxs, 26
outside and 28 inside

$26(6.652)1.18 = 204'$

TOC @ 4700' (T.S.)

Plug #3: 5154' – 5054'
Cement with 28 sxs

Mesaverde Perforations:
5204' – 5314'

Plug #2: 6293' – 6193'
Cement with 28 sxs

Dakota Perforations:
7268' – 7318',
7334' – 7430'

Plug #1: 7218' – 7128'
Cement with 28 sxs

$28(4.524)1.18 = 149'$

Inflatable BP set at 7400' (1973)

7" 23#, Liner set from 3018' to 7534'
Cement with 770 sxs (963 cf)
(Sqz'd TOL with 200 sxs, 1959)