

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
NMSF 078917

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SAN JUAN 29-5 90

9. API Well No.
30-039-21787

10. Field and Pool, or Exploratory
PICTURED CLIFFS

11. 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 ☐ Other

2. Name of Operator

CONOCOPHILLIPS

Contact:

DEBORAH MARBERRY

E-Mail: deborah.marberry@conocophillips.com

3a. Address

P.O. BOX 2197 WL3 6108
HOUSTON, TX 77252-2197

3b. Phone No. (include area code)

Ph: 832.486.2326
Fx: 832.486.2764

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 35 T29N R5W SESW 1180FSL 1750FWL

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

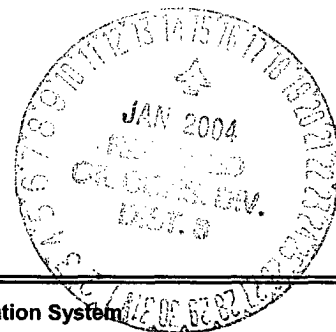
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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.)

Reference

NMSF 078917 (WC)
3162.3-4 (7100)

ConocoPhillips is proposing to plug and abandon this well as per the attached procedure.



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

**Electronic Submission #26464 verified by the BLM Well Information System
For CONOCOPHILLIPS, sent to the Farmington**

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 12/30/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Original Signed: Stephen Mason

Approved By

Title

Date JAN 09 2004

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.

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

NMOC

PLUG AND ABANDONMENT PROCEDURE

December 29, 2003

San Juan 29-5 Unit #90

Basin Dakota

1180' FSL & 1750' FWL, Section 35, T29N, R5W, Rio Arriba County, NM

Latitude: 36°40'40.548"N _ Longitude: 107°19'45.696"W _ API #30-039-21787

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 and release packer. TOH and tally 293 joints 2-3/8" tubing, total 8733'. LD packer. Visually inspect tubing, if necessary use a workstring.
3. **Plug #1 (Dakota perforations, 8674' – 8574')**: TIH with tubing and set 4-1/2" CR at 8674'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Spot 12 sxs cement inside the casing above the CR to isolate the Dakota perforations. PUH to 7345'.
4. **Plug #2 (Gallup top, ⁷⁴¹¹7345' – ⁷³¹¹7245')**: Mix 12 sxs cement and spot a balanced plug inside the casing to cover Gallup top. PUH to 6300'.
5. **Plug #3 (Mesaverde top, 6300' – 6200')**: Mix 12 sxs cement and spot a balanced plug inside the casing to cover Mesaverde top. PUH to 4650'.
→ Chacra 5093' - 4993' ✓
6. **Plug #4 (7" Casing shoe and Pictured Cliffs top, 4650' – 4350')**: Mix 27 sxs cement and spot a balanced plug inside the casing to cover casing shoe and Pictured Cliffs top. TOH with tubing.
7. **Plug #5 (Fruitland top, 4155' – 4055')**: Perforate 3 squeeze holes at 4155'. If the casing tested before perforating, then establish rate into squeeze holes. Set 7" cement retainer at 4105'. Establish rate below CR. Mix and pump 38 sxs cement, squeeze 26 sxs outside 7" casing and leave 12 sxs inside the 4-1/2" casing to cover Fruitland top. TOH with tubing.
8. Perforate 3 HSC squeeze holes at ³⁸⁶³3760'. Establish circulation out 4-1/2" x 7" annulus to surface, circulate clean. ND BOP and tubing head. Weld slip on collar on 4-1/2" casing stub. RU casing crew and handling tools. Pick up on 4-1/2" casing and determine free point by stretch. Cut the 4-1/2" casing at approximately 3775' (use a jet cutter or a collar splitter shot). NU BOP with 4-1/2" rams. POH and LD 4-1/2" casing. RD casing crew. Install 2-3/8" rams in BOP.

PLUG AND ABANDONMENT PROCEDURE

December 29, 2003

San Juan 29-5 Unit #90

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9. **Plug #6 (Kirtland and Ojo Alamo tops, ³⁸⁶³3780' – 3575')**: If necessary re-perforate 3 squeeze holes at 3775' above 4-1/2" casing stub. Set 7" cement retainer at 3730'. Pressure test the 7" casing to 500#. Establish rate below CR into squeeze holes. Mix and pump 100 sxs cement, squeeze 52 sxs outside 7" casing and leave 48 sxs inside to cover casing stub and the Kirtland and Ojo Alamo tops. TOH with tubing.
10. **Plug #7 (Nacimiento top, 2495' – 2395')**: Perforate 3 squeeze holes at 2495'. If the 7" casing tested before perforating, then establish rate into squeeze holes. Set a 7" cement retainer at 2495'. Establish rate below CR into squeeze holes. Mix and pump 54 sxs cement, squeeze 26 sxs outside 7" casing and leave 28 sxs inside the casing to cover the Nacimiento top. TOH with tubing.
11. **Plug #8 (9-5/8" casing shoe, 505' – Surface)**: Perforate 3 squeeze holes at 505'. Establish circulation out bradenhead with water. Mix and pump approximately 200 sxs cement down the 7" casing to circulate good cement out bradenhead. Shut well in and WOC.
12. 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.

San Juan 29-5 Unit #90

Current

Basin Dakota

1180' FSL, 1750' FWL, Section 35, T-29-N, R-5-W

Rio Arriba County, NM

Lat: N _____ / Long: W _____

Today's Date: 12/29/03

Spud: 7/30/78

Comp: 8/21/78

Elevation: 7440' GL

7453' KB

12-1/4" Hole

9-5/8" 36# K-55 Casing set @ 455'
200 sxs cement, did not circulate to
surface, 60 sxs to fill backside thru 1"

WELL HISTORY

Nov '99: Pull tubing. Set Baker R-3
packer at 8662'. Filled annulus with
64 bbls packer fluid; PT casing to
500#, held ok.

Nacimiento @ 2455' (est)

Ojo Alamo @ 3635' (est)

2-3/8" Tubing set at 8733'
(293 joints with packer at 8662'
and F nipple at 8700')

Kirtland @ 3730' (est)

4-1/2" TOC @ 3900' (T.S.)

Fruitland @ 4105' (est)

7" TOC @ 4350' (T.S.)

Pictured Cliffs @ 4400' (est)

8-3/4" Hole

7" 20#&23# K-55 Casing @ 4600'
Cemented with 140 sxs

Mesaverde @ 6250'

Gallup @ 7295'

Baker Packer at 8662'

Dakota @ 8712'

Dakota Perforations:
8724' - 8736'

6-1/4" Hole

4-1/2" Casing @ 8798'
Cemented with 345 sxs

TD 8802'

San Juan 29-5 Unit #90

Proposed P&A

Basin Dakota

1180' FSL, 1750' FWL, Section 35, T-29-N, R-5-W

Rio Arriba County, NM

Lat: N _____ / Long: W _____

Today's Date: 12/29/03

Spud: 7/30/78

Comp: 8/21/78

Elevation: 7440' GL

7453' KB

12-1/4" Hole

Nacimiento @ 2455' (est)

Ojo Alamo @ 3635' (est)

Kirtland @ 3730' (est)

Fruitland @ 4105' (est)

Pictured Cliffs @ 4400' (est)

8-3/4" Hole

Mesaverde @ 6250'

Gallup @ 7295'

Dakota @ 8712'

6-1/4" Hole

TD 8802'

9-5/8" 36# K-55 Casing set @ 455'
200 sxs cement, did not circulate to surface, 60 sxs to fill backside thru 1"

Perforate @ 505'

Plug #8: 505' - Surface
Cement with 200 sxs

Cmt Ret @ 2445'

Perforate @ 2495'

Plug #7: 2495' - 2395'
Cement with 55 sxs,
26 outside casing
and 29 inside.

Cmt Ret @ 3730'

Cut 4-1/2" Casing @ 3775'
Perforate @ 3780'

Plug #6: 3780' - 3575'
Cement with 100 sxs,
52 outside 7" and
48 inside 7" casing.

4-1/2" TOC @ 3900' (T.S.)

Cmt Ret @ 4105'

Perforate @ 4155'

Plug #5: 4155' - 4055'
Cement with 38 sxs,
26 sxs outside 7" and
12 sxs inside 4-1/2".

7" TOC @ 4350' (T.S.)

Plug #4: 4650' - 4350'
Cement with 27 sxs

7" 20#&23# K-55 Casing @ 4600'
Cemented with 140 sxs

Plug #3: 6300' - 6200'
Cement with 12 sxs

Plug #2: 7345' - 7245'
Cement with 12 sxs

Set CR @ 8674'

Dakota Perforations:
8724' - 8736'

Plug #1: 8674' - 8574'
Cement with 12 sxs

4-1/2" 10.5&11.6# Casing @ 8798'
Cemented with 345 sxs