

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 078417

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SAN JUAN 28-7 UNIT 48A

2. Name of Operator
CONOCO INC.

Contact: DEBORAH MARBERRY
E-Mail: deborah.a.marberry@conoco.com

9. API Well No.
30-039-21947

3a. Address
P.O. BOX 2197 DU 3066
HOUSTON, TX 77252

3b. Phone No. (include area code)
Ph: 832.486.2326
Fx: 832.486.2717

10. Field and Pool, or Exploratory
PC / FC / MV

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

Sec 21 T28N R7W NWNW 900FNL 950FWL

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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 recompleate 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 recompleation 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 is requesting approval to prepare this well for a recompleation to trimingle. The trimingle will not occur until approval. Attached is the procedure.



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

**Electronic Submission #15718 verified by the BLM Well Information System
For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Matthew Halbert on 11/04/2002 ()**

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 11/01/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Jim Lovato

Title

NOV - 6 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.

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NMOC

**SanJuan 28-7 Unit #48A
Fruitland Coal-Pictured Cliffs Recompletion
and Trimingle with Mesa Verde,
Oct 17, 2002
PEER REVIEWED, CEM, 10/17/02**

MSO: Mike Morris

Objective

Recomplete to Fruitland Coal and Pictured Cliffs formations and downhole trimingle with Mesa Verde production. Perforate and fracture-stimulate Pictured Cliffs and Fruitland Coal in the SJ 28-7 No. 48A. 48A is a Mesaverde well to the Fruitland Coal and PC sands located in the SESE of section 21-T28N-R7W. This well will be trimingled with the Mesaverde to further develop the Pictured Cliffs sands and Fruitland Coals on 160 acre spacing. Approval for 160 acre downspacing of the Fruitland low-rate coal was granted by the NMOCD in Oct. 2002

At this location the Pictured Cliffs Formation consists of approximately 45 feet of sandstone reservoir, which was deposited as shoreline sand bodies. The Fruitland coal consists approximately 50 feet of coal deposited in a lagoonal setting landward of the Pictured Cliffs shoreline.

A TDT log will be required before the perforation intervals can be determined.

Some other things to note:

*TOC in 7" is estimated to be at 1700'; based on temp survey.

*Older well. May be some risk on csg integrity..

. Expected uplift from the PC is 200 Mcfgd and from the FC 100 Mcfgd.

WELL DATA

PBTD @ 5302' Spud Date -10/78

Surface Casing: 9 5/8", K-55, 36#. set @ 212', cement circulated to surface.

Interm Casing: 7 ", 20#, K-55, . set @ 2947', TOC @ 1700' (Temp Sur)

Production Liner Csg: 4.5", 10.5#, K-55, set from 2791'-5317'; TOC @ liner top

Tubing: 2.875", 6.4#, J-55, landed @ 5229', with mule shoe and SN on bottom.

Perforations: MV @ 4301'-5276"

The following are the recommended perf intervals (Completion Engr will specify perf density; etc within these intervals):

Fruitland Coal (awaiting TDT log; FC top @ 2500')

NMOCD

Pictured Cliffs (awaiting TDT log; PC top est at 2662')

Additional well information and schematic contained in Wellview files.

PROCEDURE

- 1) Move in workover rig, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up, WORK SAFELY!
 - 2) Kill well (minimum fluid!!) down tubing and POOH standing back.
 - 3) Rig up wireline, RIH set 7" RBP @ TOL @ 2791' ; fill casing with water, spot 5 sxs sand on plug; test to 2500 psi. (or other pressure as specified by completion engr). If casing tests, proceed w/ RU of electric line and run TDT log from plug for minimal length (at least to above 2300'). If data is poor, maybe due to bad bond, run CBL over same interval to confirm. Send TDT information to Terry Glaser in the Houston office.
 - 4) RU wireline, **perforate, as per TDT log info and Compl Engr procedure, both the PC and FC intervals.,** RD wireline.
 - 5) Rig up stim vendor and break-down/foam frac stimulate PC and FC as per Compl Engr procedure
 - 6) Flow back energized frac fluids to pit until it dies or settles down. RIH w/ tubing and c/o to RBP. Get stabilized test and record. Once sand production stopped, in morning, with well live, PU tbg to 30' above top perf, and while well still flowing (continue to record rates), run spinner across PC/FC interval. SEND ALLOCATED TEST RATES FOR PC AND FC based on spinner and total test flow, to Christine Valvatne & Yolanda Perez for C-104 and DHC application.
- POOH test string, RIH with tbg and c/o to RBP; latch and POOH w/ RPB.
- 7) RIH 2.375" production tubing with mule shoe and SN on bottom, tag PBTD; land tubing @ 5200', drop rabbit through tubing to check for tight spots, be careful not to over torque, Make drift run to SN with sand line before rigging down.
 - 8) RDMO, Notify operator to put on plunger lift production.

Craig Moody

NMCCD