

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO, INC.

3. Address and Telephone No.

P.O. Box 2197 DU 3066 Houston, TX 77252-2197 (281) 293-1005

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

E, Sec. 21, T-27N, R-7W  
1800' FNL & 950' FWL

5. Lease Designation and Serial No.

SF 078640

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 28-7 Unit

8. Well Name and No.

San Juan 28-7 #210

9. API Well No.

30-039-21018

10. Field and Pool, or Exploratory Area

72439 - South Blanco PC

11. County or Parish, State

Rio Arriba, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

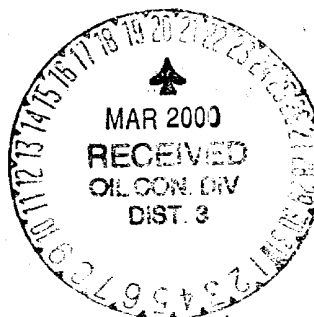
TYPE OF ACTION

- ☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Conoco Inc. proposes to plugback the Otera Chacra and recomplete into the South Blanco Pictured Cliff in the above mentioned well using the attached procedure.



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

Signed Zplanda Perez  
(This space for Federal or State office use)

Title Regulatory Analyst

Date 02/14/00

Approved by John A. Borchers  
Conditions of approval, if any: chsc

Title

Date MAR 17 2000

Title 18 U.S.C. Section 1001, makes 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.

\*See Instruction on Reverse Side

NACCO

**SAN JUAN 28-7 UNIT 210  
PICTURE CLIFFS RECOMPLETION/PLUG BACK CHACRA  
API 30-39210180  
AFE #**

**WELL INFORMATION:**

Current Status: Producing Chacra

Last Action To Well: None

Location: 1800' FNL & 950' FWL, Sec. 21-T27N, R7W, Rio Arriba County, NM

TD: 3,977'

PBTD: 3,966' (cement plug)

GLE: 6512'

KBE: 6522'

TOC: TOC 75' by temp survey, 670 sx

**Casing Specifications:**

Pipe	Depth (ft)	Drift ID (inches)	Collapse 80% (psi)	Burst 80% (psi)	Capacity (bbl/ft)
8-5/8",24.0#,J-55, 8rd	148	7.972	1096	2360	.0652
2-7/8",6.4",J-55,8rd	3977	2.347	7640	7400	.00579

**RESERVOIR INFORMATION:**

Current Perforations: 3830-3899' (Chacra)  
ALL PERFS 1 SPF

**SAN JUAN 28-7 UNIT 210**  
**PICTURE CLIFFS RECOMPLETION/PLUG BACK CHACRA**  
**API 30-39210180**  
**AFE #**

**JUSTIFICATION**

This AFE requests funds to perforate and fracture-stimulate the Pictured Cliffs interval in San Juan 28-7 Unit #210, a Chacra well located in Section 21-T28N-R7W with a surface location of 1800' fnl and 950' fwl. This project initiates and tests a program in which Pictured Cliffs recompletions will replace ca. 40 year old Pictured Cliffs wells using a minimum 40 acre offset from the parent well within the same quarter-section spacing unit. The recompletion to #210 replaces Pictured Cliffs well #90, which was P&A'd in 1988, and will utilize modern fracture stimulation technology to access previously bypassed reserves. This well is currently producing approximately 15 MCFD from the Chacra Fm. on a 5.24 % established annual decline rate and has an EUR of 272.2 MMCFG with remaining reserves of approximately 16.021 MMCFG. It is recommended that the Chacra be plugged back prior to recompletion of the Pictured Cliffs Fm. Pressure/volume data from this recompletion will potentially assist determination of drainage areas of older Pictured Cliffs wells.

The proposed Pictured Cliffs recompletion interval consist of 70 feet of gas-bearing sandstone reservoir deposited as shoreline sand bodies in the Pictured Cliffs Fm.

Pictured Cliffs wells offsetting #210 within a one mile radius (14 wells) had IP's averaging 507 MCFD and estimated EUR's of 1126 MMCF. Conoco's WI and NRI in the Pictured Cliffs will be 54.57% and 41.93% respectively.

**PROCEDURE**

1. Move in workover rig, 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. Hold Safety Meeting. RU workover rig. Bleed off any pressure, kill well with minimal 1% KCL.
3. ND tree and NU BOP's . PU 1.5" drill pipe w/ scraper and RIH to 3820'. POOH. Stand back. RU wireline and RIH and set CIBP @3815'. POOH. RIH w bailer and dump 20' cement on top of CIBP. POOH. WOC.

**SAN JUAN 28-7 UNIT 210  
PICTURE CLIFFS RECOMPLETION/PLUG BACK CHACRA  
API 30-39210180  
AFE #**

4. Load hole. Pressure test to casing to xxxxx.
5. RIH with CBL and log from 3500'-2500'. POOH. Fax CBL log to Houston Engineers continuous fax 281-293-6362 to confirm good cement.
6. RIH with and perforate the Picture Cliffs formation 2902'-2943', 2946'-2984', 2 spf correlating to Welex Compensated Density Log run 2-1-75. POOH RD wireline.
7. RU BJ and frac Picture Cliffs formation. RD BJ.
8. Flow back well immediately, adjusting choke size as needed.
9. RIH with 1.5" drill pipe and clean out to 3750'. Swab well if needed. RD.
9. Notify operator and return to sales.

Marc Durkee – West Team

Cc: Central Records, Three Copies to Project Leads (Farmington)