

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

CONFIDENTIAL

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.		5. LEASE DESIGNATION AND SERIAL NO 3F 078096
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. IF UNIT OR CA. AGREEMENT DESIGNATION Arch Rock	
2. NAME OF OPERATOR CONOCO INC.	8. WELL NAME AND NO. Arch Rock #1	
3. ADDRESS AND TELEPHONE NO. P.O. Box 2197, DU 3066, Houston, TX 77252-2197	9. API WELL NO. 30-045-30040	
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1300 FNL & 2300' FEL Sec. 23, T31N, R11W	10. FIELD AND POOL, OR EXPLORATORY AREA W. Idlat	
		11. COUNTY OR PARISH, STATE San Juan, NM

12. CHECK APPROPRIATE BOX(s) 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"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> 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.)

Attached is the revised P & A procedure for the open hole section of this well. The procedure has been revised to reflect the elimination of the tubing string & to move the last plug over the shoe from 7246' - 7346' to 7260' - 7360'. Jim Lovato gave his verbal OK on the changes.

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

SIGNED <u><i>Zplanda Perez</i></u> (This space for Federal or State office use)	TITLE <u><i>Regulatory Analyst</i></u> DATE <u><i>6/28/00</i></u>
APPROVED BY <u><i>Jim Lovato</i></u> Conditions of approval, if any:	TITLE <u><i>Petr. Eng.</i></u> DATE <u><i>6/28/00</i></u>

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

NMCO



CONOCO
SAN JUAN ASSET UNIT
RICKY JOYCE
JUNE 26, 2000

RE: P&A PROCEDURE FOR THE ARCH ROCK #1 IN SAN JUAN CO., NEW MEXICO.

WELL

TD: 13,510'
INT. TD: 7,296'
HOLE SIZE: 8 1/2" O.H.
DRILL PIPE: 5", 19 LB./FT.
PLUG LOC.: PLUG #1: FROM 13,304 FT. TO 13,204 FT. (45 CU. FT.)
PLUG #2: FROM 11,959 FT. TO 12,059 FT. (55 CU. FT.)
PLUG #3: FROM 10,958 FT. TO 11,058 FT. (55 CU. FT.)
PLUG #4: FROM 9,001 FT. TO 9,101 FT. (65 CU. FT.)
PLUG #5: FROM 8,037 FT. TO 8,137 FT. (60 CU. FT.)
PLUG #6: FROM 7,260 FT. TO 7,360 FT. (60 CU. FT.)

NOTE: ALL VOLUMES ARE CALIPER WITH ZERO EXCESS.

SPACER

90 BBL CW100 CHEMICAL WASH

CEMENT SYSTEMS:

PLUGS 1, 2, 3:

CLASS H + 35% D66 (SILICA FLOUR) + 0.15GPS D110 (RETARDER)

DENSITY: 15.6 PPG
YIELD: 1.56 CU.FT./SK
MIX H2O: 6.40 GALS/SK
MIX FLUID: 6.55 GALS/SK
T.T.: 5:30 HOURS:MINS

PLUG 4:

CLASS H + 0.1GPS D110 (RETARDER)

DENSITY: 15.6 PPG
YIELD: 1.18 CU.FT./SK
MIX H2O: 5.13 GALS/SK
T.T.: 5:30 HOURS:MINS

PLUGS 5 & 6:

CLASS B + 0.1% D65 (DISPERSANT) + 0.2% D46 (ANTIFOAM) + 0.4% D800 (RETARDER)

DENSITY:	15.6 PPG
YIELD:	1.18 CU.FT./SK
MIX H2O:	5.23 GALS/SK
T.T.:	4:30 HOURS:MINS

RECOMMENDED PROCEDURE

- 1) RIH w/open ended drill pipe to 13,324'. Establish circulation and condition hole.
- 2) MIRU Dowell.
- 3) Mix and pump 10 bbls of CW 100, followed by 8 bbls. (45 cu.ft.) of cement. Displace to balance plug.
- 4) POOH to +/- 12,059 ft. Reverse circulate 1.5 tubing volumes.
- 5) Mix and pump 10 bbls. of CW-100, followed by 10 bbls (55 cu.ft.) of cement. Displace to balance plug.
- 6) POOH to +/- 11,058 ft. Reverse circulate 1.5 tubing volumes.
- 7) Repeat steps 3 through 6 for the remaining plugs. Use 10 bbls of CW100 ahead of each plug and cement volumes specified above. Assume 10" hole for balanced plug calculations.
- 8) Rig down Dowell.

DUANE GONZALEZ

Arch Rock #1 P&A Procedure.doc