

QUICK FAX OfficeMax	
To: <u>Mr. Lovato</u>	From: <u>Bob Fielder</u>
<u>Advise we should</u>	Co./Dept.
<u>be doing squeeze job</u>	Fax:
<u>on Wed the 16th</u>	Phone:
<u>will call w/time on the 15th</u>	E-Mail:

IR
NT

WELLS

Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

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

2. Name of Operator

Roddy Production Company, Inc.

3. Address and Telephone No.

P.O. Box 2221, Farmington, NM 87499 505-325-5750

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

680' FSL - 1160' FEL, Section 17, T30N, R11W, NMPM

5. Lease Designation and Serial No.
SF078402

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Raymond Simmons No. 29. API Well No.
30-045-3085910. Field and Pool, or Exploratory Area
Basin Dakota11. County or Parish, State
San Juan, New Mexico

12. CHECK APPROPRIATE BOX(es) 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

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.)

Roddy Production Company Inc. ran a CBL from 620' to 250'. CBL indicates free pipe from 620' to surface. Cement on third stage cement job apparently fell back after plug down. Top of Ojo Alamo is at 593' and is not covered with cement. Base of Ojo Alamo (top of Kirtland) is at 717' and we suspect it is free also. Roddy proposes to cover the Ojo Alamo with cement by the following procedure. This will be done after the Dakota stimulation is cleaned up after frac.

- 1) Kill Dakota with 2% KCl water. Pull out of hole with tubing.
- 2) Run in hole with 4 1/2" RBP. Set at 2000'. Pressure test plug and casing above RBP to 1500 psi for 15 minutes. Cap plug with 10 gals frac sand. Pull out of hole with tubing.
- 3) Perforate three squeeze holes at 750' on 120 degree phasing.
- 4) Run in hole with 4 1/2" retrievable packer. Set packer at 550'. Open bradenhead valve. Establish circulation to surface with fresh water. Pump dye water caliper. Compute cement volume based on caliper.
- 5) Pump adequate volume of Class B cement with 2% CaCl to bring cement to surface. Pinch bradenhead valve and watch for pressure build up. Continue mixing cement until pressure starts to increase. Displace cement to 1/2 bbl below packer. Shut down and check tubing and bradenhead valve for indications of cement fall back. Use alternating pump/shut down cycles until cement does not fall back. Release packer and reverse out. Pull out of hole.
- 6) Pressure casing to final pump in pressure and WOC for minimum of 24 hours from last pump time.
- 7) Pressure test to 1500 psi. Trip in hole with mill and drill cement. Pressure test squeeze holes to 1500 psi (current Dakota SID-1750psi). Retrieve RBP. Run production tubing.

14. I hereby certify the foregoing is true and correct

Title Business Manager

Date January 21, 2002

(This space for Federal or State office use)

Approved by

Title Petr. Eng

Date 1/22/02

Conditions of approval, if any:

NMOC D

- Verbal approval issued to Bob Fielder / Roddy Prod to perf. the 4 1/2" csg. @ ~750' + attempt to establish circ. to surf. If circ. can be est. Operator will pump sufficient cement to surface, hold pressure + watch for any fall back. If circ cannot be established, operator will sqz. cement (C1 "B" w/ 2% coal), drill out, pressure test + resqueeze if necessary.

for info 1/14/02

* CBL TOC @ ~1700'

