

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 deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT---" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐ 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)

Surface location; 1815' FSL x 1500' FWL, Section 21, T28N, R11W

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

5. Lease Designation and Serial No.

NM10063 010063

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lucerne Federal 6

9. API Well No.

30-045-29282

10. Field and Pool, or Exploratory Area

W. Kutz Pictured Cliffs/Fruitland Coal

11. County or Parish, State

San Juan County, New Mexico

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 Pay Add

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple

Completion or Recompletion Report and

completion on Well

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 depth for all markers and zones pertinent to this work.)

Roddy Production has squeezed off the Fruitland Sand and re-completed in the Fruitland Coal. The Fruitland Coal and Pictured Cliffs will be co-mingled as described on previous Sundry

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

Signed Robert R. Griffie
Robert R. Griffie

Title Operations Manager
agent for Roddy Production

Date: 6/07/04

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

ACCEPTED FOR RECORD

Date

AUG 04 2004

FARMINGTON FIELD OFFICE

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

Report for: Roddy Production Company

D.J. Simmons Inc. Personnel

Consulting Engineer: Robert R. Griffiee

Field Supervisor: Alfred Castro

Lucerne Federal #6
Workover Report

5/18/04

MIRU Franks Well Service Rig #1, air pkg, and blooie line. CP and TP = 25 psi, bleed off pressure. ND well head, NU BOPE. Attempt to release packer. TOH, SLM, came out of hole with out packer. TIH and screw back into packer. Release packer, TOH, recovered packer. Tubing string consisted of 43 jts 2 3/8" tbg, 4' sub, 2' wireline activated sliding sleeve (sleeve was open), 2 jts blast pipe, retrieving tool, and packer. Packer had been set at 1516.90', measured from pulling unit floor. Drilling rig KB reported as 13'. Using a 7' KB difference, the packer had been set at 1511.90' RKB. Secure well, SDFN.

5/19/04

SICP - 25 psi. TIH with bit and tag fill @ 1827'. Clean out to 1830'. Blow well bore clean with air. TOH laying down one joint and pulling 2 stands. Draw-works clutch on rig went out. Blow well bore with air while inspecting clutch. RU sand line and laid down 8 additional joints to get tubing above top perf. Secure well, SDFN.

5/20/04

Repair draw-works clutch. SICP - 25 psi. Begin work at 3:00 p.m. TIH with casing scraper had 2' of fill. Clean out fill with air. TOH 6 stands. Secure well, SDFN.

5/21/04

SICP - 60 psi. TIH 6 stands, had 2' of fill. TOH, lay down casing scraper. RU Blue Jet. Ran GR-Correlation log, correlated to open hole Density/Neutron dated 10/13/95. Set Weatherford composite bridge plug at 1702'. TIH with 1 jt tbg, SN, and 48 jts of tubing. Swab 2 runs, no fluid, no gas. TOH and place tubing 6 jts above perms. Attempt to flow well, well not making any gas. Shut in well for pressure build up. SD for weekend.

5/24/04

SICP and SITP = 5 psi, weekend build up. TOH. TIH with packer. Set packer at 1550'. Pressure test composite bridge plug to 2000 psi. TOH, lay down packer. PU cement retainer and TIH. Set retainer at 1180'. Squeeze Fruitland Sand perforations with 50 sks class 'G' + 0.2% D167 F.L. and 0.15% D65 followed by 50 sks class 'G' + 2% CaCl₂. Displaced slurry with water to 1 bbl below cement retainer. Stopped pumping for 5 minutes. Displaced with an additional ½ bbl and stopped pumping for 10 minutes. Attempt to pump again, pressure increased to 2000 psi. Shut down. Sting out of retainer and reverse out with water. Pressure test casing under blind rams to cement retainer to 2000 psi. Secure well, SDFN to WOC.

5/25/04

PU six 3 1/8" dc's and bit sub. Replace plate in blooie line. TIH and drill out cement retainer at 1180'. RIH and tag cement at 1270'. Begin drilling cement. Had difficulty circulating because of cement retainer pieces lodging inside tubing. Drilled cement to 1337'. Cement was hard indicating that it has achieved appropriate compressive strength. Circulate hole clean. SDFN.

5/26/04

SICP – 0 psi. Drill hard cement (1 to 1.5 hrs per joint). Drill out of cement at 1533'. RIH to bridgeplug at 1702'. Pressure test squeeze to 2000 psi, good test. TOH. Round trip casing scraper to 1700'. Secure well, SDFN.

5/27/04

RU Blue Jet. Perforate with 4 jspf as follows: 1677' – 1686', 1639' – 1642', 1617' – 1619', 1590' – 1598', 1556' – 1558', 1533', and 1427'. RD Blue Jet. RU Schlumberger. PU Weatherford PPI tool and TIH. Break down each perforation set with 5 bbls 15% HCL through PPI tool (total of 1500 gals with 7 PPI settings). TOH with PPI. RD Schlumberger. SDFN.

5/28/04

W.O. Schlumberger, noon pumping time. RU Stinger and Schlumberger. Frac with 121,467 lbs 20/40 sand and 65 Q foam. Average rate 55 bpm at 2050 psi. Frac Details will be updated Tuesday morning. Flush to top perf. ISIP 1497 psi. RD Schlumberger. Install 3/8" choke and flow back after frac (24 hour flow back crew).

5/29 – 5/31

Flow back well with 24 hour flow back crew. Flow back data:

Date	Time	Choke	PSI	Foam	Sand
5/28/04	5:00 p.m.	3/8	1100	heavy	medium
5/28/04	11:00 p.m.	3/8	160	light	light
5/29/04	6:00 a.m.	3/8	32	light	blow
5/29/04	2:00 p.m.	1/2	30	light	blow
5/29/04	4:00 p.m.	1/2	0	light	blow

stopped monitoring after 6:00 p.m. 5/29/04. Very light blow.

6/1/04

RU flow tee, stripping head, and blooie line. TIH with notched collar, 1 joint of 2 3/8" tubing, SN, and tubing. Tag fill at 1468'. Clean out to composite bridge plug at 1702' with air. Blow well on bottom. TOH 5 stands and flow well naturally for 1 1/2 hrs. TIH and tag 3' of fill. Clean out fill. TOH 5 stands. Secure well, SDFN.

6/2/04

SICP – 80 psi. TIH and clean out to bridge plug at 1702' with air. TOH 5 stands and flow well naturally for 1.5 hrs. Well flowing gas, no water. TIH to 1702' and blow well. Had 3' of sand fill and made 3/4 bbls water. TOH 5 stands and flow well naturally for 1.5 hrs. TIH. No fill and unloaded 3/4 bbl water. TOH. TIH with bit, drill collars and tubing. Drill out composite bridge plug at 1702'. Clean out to PBTD. Had 25' of fill from PBTD. TOH 10 stands. Secure well, SDFN.

6/3/04

SICP – 90 psi. TIH and tag 25' of fill. Clean out with air to PBTD. TOH 5 stands and flow well naturally for 1.5 hrs. TIH and tag 2' of fill. Clean out with air to PBTD. Unloaded 3/4 bbls water. TOH and lay down dc's. Well had fair blow out of tubing. TIH with 1 joint of 2 3/8" tubing, SN, and 53 jts of 2 3/8" tubing, no fill. Land tubing at 1761'. ND BOPE and NU wellhead. Secure well, SDFN. Should rig down and move to Yockey #1 tomorrow.