Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIORY 11 BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No. NM10063 6. If Indian, Allottee or Tribe Name SUNDRY NOTICES AND REPORTS ON WELL Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. N/A Use "APPLICATION FOR PERMIT---" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well 8. Well Name and No. X Gas Oil Other 2. Name of Operator Lucerne Federal 8 Roddy Production Company, Inc. 9. API Well No. 3. Address and Telephone No. 30-045-32855 P.O Box 2221, Farmington NM 87499 (505) 325-5750 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) W. Kutz Pictured Cliffs/Fruitland Coal 11. County or Parish, State Surface location: 1674' FNL x 1001' FEL, Section 17, T28N, R11W San Juan County, New Mexico CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION ☐ Abandonment ☐ Change of Plans ☐ Notice of Intent ☐ Recompletion ☐ New Construction ☐ Plugging Back ☐ Non-Routine Fracturing X Subsequent Report Casing Repair ☐ Water Shut-Off ☐ Altering Casing ☐ Conversion to Injection ☐ Final Abandonment Notice X Other completion ☐ 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 depth for all markers and zones pertinent to this work.)* Roddy Production has spudded completed this well in the Pictured Cliffs zone. The Fruitland Coal will be completed and co-mingled at a later date. after the pipeline has been constructed and the Picture Cliffs zone has produced enough time to establish a rate for allocation purposes.

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.



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Roddy Production Inc. Co. Lucerne #8

Completion Reports

4/14/05

MIRU Pro Well Service Rig 2. T=tighten well head, NU ball valves to well head. PU scraper and 2 3/8" tubing. TIH and tag at 1852'. TOH. Secure well SDFN.

4/15/05

Travel to location. SICP – 0 psi. Pressure test casing to 500 psi, good test. RU BlueJet and run CBL from PBTD to surface. TIH open ended to 1640'. RU Schlumberger. Pressure test lines to 2000 psi, good test. Spot 250 gals 7 1/2% HCL over perforation interval. RD Schlumberger. TOH. Perforate from 1598' – 1604', 1616' – 1622', and 1633' – 1635' with 4 jspf. RD Blue Jet. Secure well. SDFN.

4/16/05

MIRU Stinger and Schlumberger. Hold saftey meeting. Frac with 106,1280 lbs of 16/30 Brady sand in 659.8 bbls of 65Q N2 foam. ISIP - 970 psi. RD Schlumberger and Stinger. RU well to flow to tank. Open well on 1/8" choke at 600 psi. Flow back overnight.

4/17/05

Flow back well on 1/8" choke. 9:00 p.m. - 610 psi, making frac foam. Choke kept plugging off from 12:00a.m. - 3:00a.m. Change out choke to ¼". Opened up at 200 psi, 8:00a.m. - 140 psi., 10:a.m. - 70psi, 11:00a.m. - 20 psi., 12:00p.m. - 5psi., 1:00p.m. - 0 psi. Shut in well. Made a total of 43 bbls of frac fluid. Will clean out in the a.m.

4/18/05

Travel to location. SICP - 100 psi. Open well on ¼" choke, made heavy foam, lost pressure in 2 hrs. TIH with notched collar. Tag fill at 1750'. Clean out with air/mist using 3-5 bbls p/hr and sweeps. Made heavy sand. Clean out to PBTD of 1851'. TOH above pref, secure well, and SDFN.

4/19/05

Travel to location, SIPC - 25 psi. Bleed well down. TIH and tag 5' fill. Unload well with air package at 500 psi. Well is logged off with water, returns were frac fluid. Cleaning out with 3 bbl/hr mist, sweeps did not bring out more fluid. Well produced fluid while pumping a low volume of air without mist. TOH above perfs. Natural flow 1 hr. TIH and tag, no fill. Total of 30 bbls returned. Land 2 3/8" tubing at 1640' RKB, with SN one joint from bottom. ND BOPE, NU well head. RD equipment, did not RD unit due to high winds. Secure well SDFN. Will RDMO in the a.m. and move to the Lucerne 10.

4/20/05

SICP - 90 psi, SITP - 65. Moved Pro Well Service Rig 2 to Lucerne 10. Well bled down quickly. NU air package to tbg. Unload well 4 times, total of 13 bbls of frac fluid recovered. Secure well SDFN. Note rig is not on location. Will attempt to unload well in the a.m.

4/21/05

SICP - 90 psi, SITP - 65 psi. Bled down well. Using dry air only, recovered 30 bbls total frac fluid. Well try again in the a.m.

5/3/05

Return to Lucerne Federal # 8 to clean out. MIRU unit, air package, flow back tank, ND well head, NU BOPE, Pull Tbg hanger. NU and unload well, made 2 bbls heavy on the soap form pumper soap sticks. Secure well SDFN.

5/4/05

Travel to location. SICP - 40 psi. SITP - 20 psi. TIH and tag 2' fill. Unload and clean out with 2-3 bbls mist at low volume. Dry up and pull up above perforations. Flow 3 hr. and made 24 bbls out of csg. TIH, tag no fill, unload with low volume, made 6 bbls. TOH to 1630'. RU to flow out of tbg. Shut in csg pressure up to 50 psi in 10 min. Unloading at 85 psi. From 6:30 p.m. to 9:00p.m. made 8 bbls. Csg pressure - 65 psi. Total for the day 61 bbls recovered. Air hand used 5 bbls to clean out sand. Secure well and flow back to the A.M.

5/5/05

Travel to location. Well made 35 bbls over night. Shut in csg pressure builds up to 100 psi in 60 min. Help well unload 2x using low volume of air. Total 40 bbls. Some sand, signs of formation. Secure well SDFN. RDMO in the A.M. Will move to the Lucerne 9.

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5/6/05

Travel to location. SICP - 115 psi, SITP - 30 psi. Bleed down and land 2 3/8" Tbg at 1600'. RDMO. Secrure well. Move to Lucerne 9.

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