Form 3160-4 (October 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

(See other instructions on reverse side) FOR APPROVED OMB NO. 1004-0137 Expires: December 31,1991

5. LEASE DESIGNATION AND SERIAL NO. **BUREAU OF LAND MANAGEMENT** SF-077384 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* In. TYPE OF WELL: OIL WELL OTHER 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: DEEP-EN PLUG BACK DIFF. RESVR. Recompletion X OTHER 8. FARM OR LEASE NAME, WELL NO. 2. NAME OF OPERATOR M. N. Galt F AMOCO PRODUCTION COMPANY Pat Archuleta 9. API WELL NO. 3. ADDRESS AND TELEPHONE NO. 3004506803 P.O. BOX 800 DENVER, CO. 80201 303-830-5217 10. FIELD AND POOL, OR WILDCAT LOCATION OF WELL. (Report location clearly and in accordance with any State requirements)\* Fruitland Coal At surface 990' FSL 990' FWL 11. SEC., T., R., M., OR BLOCK. AND SURVEY OR AREA At top prod. interval reported below 01 M At total depth 27N 10W Township Range 14 PERMIT NO DATE ISSUED 12 COUNTY OR PARISH 13. STATE San Juan New Mexico 15. DATE SPUDDED, 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 19. ELEV. CASINGHEAD 10/23/1949 11/23/1949 02/06/1997 6091 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., ROTARY TOOLS 23. INTERVALS DRILLED BY CABLE TOOLS -2002 2109 2020 YES NO 25. WAS DIRECTIONAL SURVEY MADE PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\* Fruitland Coal 1871'-2020' NO 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED Ν 28. CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) TOP OF CEMENT, CEMENTING RECORD HOLE SIZE AMOUNT PULLED 9 5/8" 50 sks 36# 65 5 1/2" 75sks 14# 2013 250 2091 29 LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT\* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 1.25\* 1986 PERFORATION RECORD(Interval, size, and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 1871'-1995' MAR 1 0 1297 SEE ATTACHED 33 \* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) WELL STATUS (Producing or shut-in) SI - W/O 1sr Delivery 02/06/1997 flowing DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD OIL - BBL. GAS - MCF. WATER - BBL. GAS-OIL RATIO 02/06/1997 15 1/2 trace 247 FLOW TUBING PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL. GAS - MCF. WATER - BBL. OIL GRAVITY - API (CORR.) 247 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) ACCEPTED FOR RECORD TO BE SOLD 35. LIST OF ATTACHMENTS MAR 05 1997 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Staff Assistant FARMINGTON DISTRICT SIGNED 'Z TITLE

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

## 3004506803

MIRUSU 12/12/96.

Tag at 2061'. Squeeze thru cmt ret SA from 2020'-2054' w/30 sks Cl-B neat cement. Rig reversed out 2 bbls of cement to pit. New PBD 2020'. Tested csg to 500 psi, held okay.

Shot squeeze holes at 1871' w/2 jspf, .400 inch diameter total of 2 shots fired.

Pump 30 sks Cl-B cement down csg from 1400'-1871' and displace to 1800' for creating isolation at top of Fruitland formation.

Drill out cement from 1801'-1876'. Circ hole clean w/clay fix water.

Tested 3.5" csg to 2950 psi, held okay. Tested 5.5 x 3.5 annulus to 450 psi, held okay.

Perf'd from 1871-1888', 1894-1897', 1899-1904', 1911-1913', 1930-1933', 1945-1947', 1951-1953', 1977-1995' w/4 jspf, .300 inch diameter, total 208 shots fired.

Acidized form 1871'-1995' with 30 bbs frest water.

Did a massive fram from 1871'-1995' w/607 bbls water and 133,977 scf of N2 to create a 70% quality foam along w/100,000# of Ottawa sand.

Tested for 36 hrs on .25" choke, recovered 5 bbls water, 29 mcfd.

Tag SN at 1990'. c/o to pbd, circ and land tbg.

Plug PC formation, stimulate Fruitland and land orig tbg at 1933'.

RDMOSU 12/31/96

## MIRUSU 1/24/97.

Blow tbg dn csg did not fall. Hit obstruction at 600' work bars to 1700' swb no fluid rec. Blow both donw run swb to 1876', pull 150' wet line no fluid rec, scale in cup. Perfs sanded off.

NUBOP tie on to tbg and pressure up w/air compressor and blow down tbg and up annulus and rec sand and 2 bbls water. Lay down tbg scaled up and over torqued.

TIH w/1.25 2.3#/FT IJ tbg and c/o 9' fill to pbd 2020'. Circ clean w/air mist, rec 2 bbls water.

Tested for 72hrs on 32/64th choke, recoverd 40 bbls water. Clean out rat hole and circ clean.

Set slips at 1985', tested on .50" choke at 247mcfd rate.

RDMOSU 2/7/97