FORM APPROVED Budget Bureau No 1004-0135 Expires March 31, 1993 5. Lease Designation and Serial No. NM-0400877 6. If Indian, Allottee or Tribe Name N/A 7. If Unit or CA, Agreement Designation SW933 8. Well Name and No. BQ 2 FEDERAL COM #1 9. API Well No. 30-015-21389		
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30-015-21389		
10. Field and Pool, or Exploratory Area		
Avalon Morrow Gas		
11. County or Parish, State		
Eddy Cnty, NM		
) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION		
Change of Plans		
Non-Routine Fracturing		
Water Shut-Off		
Conversion to Injection		
Dispose Water		

1

12-11-96 thru 01-27-97

TOH with 2 3/8" production string, receptacle and packer. Ran gauge ring, bit, bailer to 10,970'. Ran packer, set at 10,740'. Press tested csg to 2000 psi, held OK. Ran bailer and puller. Recovered plug.

Acidized Morrow perfs 10,867-10,916' with 2500 gals 7 1/2% HCl with 2.5% Methanol + 60 BS at AIR 6.5 BPM with 3364 psi. ISIP 2400 psi.

Frac'd Morrow perfs 10,867-10,916' with 27,000 gals 70-Quality foam + 53,000# 20/40 sd + 50 tons CO₂ = 245,000 scf N₂ at AIR 5.6 BPM with 9193 psi. ISIP 3700 psi.

RU coiled tbg unit. Injected N₂ to clean out sand to 11,062'. Swab tested.

Ran gauge ring, tagged fill 10,924'. Ran Multi-Isotope/GR log 10,923-10,400'. TOH w/2 7/8" work string. Ran 2 3/8" production string, on/off tool at 10,759'. Fished plug from profile nipple.

01-28-97 thru 02-11-97

For evaluation we are alternately swabbing or venting gas to pit then SI for BU.

14. Thereby certify that the foregoing is true and correct		Candace R. Graham	
Signed Candace R. Araham	Title	Engineering Technician	Date February 12, 1997
(This space for Federal or State office use)		می در این	···
Approved by Conditions of approval, if any:	Title	MICH SCRUDWID	
Title 18 U S $\rm C$. Section 1001, makes it a crime for any person knowingly and willfully any matter within its jurisdiction.	to make to ar	ny departme <u>nt or agency of the</u> United States a	any false, fictitious or fraudulent statements or representations as to