

# Case 13020 -- Yates Belco AIA Federal #1

Well Location: 1980 S & 1980 E, Section 14-20S-32 E  
Lea County, New Mexico

API Number: 30-025-26826-0002

## History of Well:

1. Originally drilled by Belco Petroleum  
Original name = Federal PL 14 #1  
Spud Date = April 2, 1981  
Total Depth = 13250 feet  
Morrow DST's = 12885-12917 and 12880-12916  
Drill & Abandon: Completion Date = February 16, 1983  
Intermediate Casing: 13 3/8" at 3120 ft & 7 5/8" at 11074  
Only logs from base of 7 5/8" to TD
2. Yates re-entered well in August of 1990  
Produced Wolfcamp open hole from 11273-11706  
IP = 180 BOPD, 270 Mcf/D and 240 BWPD on August 29, 1990  
Produced 3254 BO
3. In February 1991, Yates tested Bone Spring at 9602-10233  
In March-September, tested Delaware at 7313-7500  
Produced 1583 BO
4. On October 4, 1991, Yates opened Delaware at 4928-4956  
Well flowed about 200 BOPD and 150 BWPD  
Completed February 4, 1992 with IP = 210 BOPD, 95 BWPD  
Well has produced 461 MBO from Salt Lake Delaware pool

## Spacing and Production:

1. No offset wells have been drilled – BLM rejects drilling because of potash
2. Spacing is state-wide 40 acres with depth-bracket allowable of 80 BOPD
3. Well produced above allowable from October 1991 to March 1997
4. Yates has restricted production to 80 BOPD since April 1997
5. Wells can still produce 120 BOPD.  
Well is clearly draining far more than 40 acres  
Increasing spacing unit to 80 acres will raise allowable to 160 BOPD  
Increased allowable will benefit Federal Government, state and industry