

**BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico**

**Pawnee APW State #1
660 N & 660 E, Section 20-18S-35E
Lea County, New Mexico
API = 30-025-33388**

Case No. 11781 Exhibit No. 5

Submitted by: Yates Petroleum Corporation

Hearing Date: May 15, 1997

1. November 23, 1996 -- Spud well
2. November 28, 1996 -- Set 11 3/4 " casing at 1788; cement 1000 sacks, circulate.
3. December 8, 1996 ---- Reach TD = 6850; set 5 1/2 " casing at 6850; DV = 3821, cement 2375 sacks.
4. December 13, 1996 -- Perforate Delaware 6534-6549 (6 shots); acidize 1000 gals 10 %, swab no show.
5. December 14, 1996 -- Perforate San Andres 5140-46, 5242-44, 5316-20, 5354-58 (14 shots); acidize 4000 gals 15%, swab 30% oil.
6. December 17, 1996 -- Straddle Delaware perfs, inject 100 BW with surfactant; swab no show.
7. December 20, 1996 -- Set CIBP at 6500 feet and cap with 30-foot cement.
8. December 24, 1996 -- Frac San Andres with 82K gals and 255K# 20/40 and 12K# 16/30 sand.
9. December 27, 1996 -- Reverse sand out of hole and pump San Andres.
10. January 23, 1997 --- Pump 1203 BO and 3186 BW in 26 days; **average = 46 BOPD and 123 BWPD.**
11. January 24, 1997 --- Perforate Grayburg 4738-4742 (20 holes); acidize with 1000 gals 10 %, **swab no show.**
12. January 25, 1997 --- Perforate Queen sand 4374-4388 (15 holes).
13. January 29, 1997 --- Frac Queen with 33K gals and 87K# 16/30 sand; reverse sand out of hole and pump Queen only.
14. February 19, 1997 -- Pump 31 BO and 543 BW in 15 days, **average = 2 BOPD and 36 BWPD.**
15. February 27, 1997 -- Pump Queen-Grayburg-San Andres together; Initial Potential = **25 BOPD & 58 BWPD** from perforations 4374-5358.