

III. Well Data

A-1. Arco State #2, located 405' FSL & 1850' FEL, Section 16, T-18-S, R-35-E, Lea County, New Mexico.

A-2. 16" casing @ 466', cemented w/675 sx cement in a 22" hole. Cement circulated to surface.

11 3/4" casing @ 4818', cemented with 3700 sx cement in a 14 3/4" hole. Cement circulated to surface

5 1/2" casing @ 12,197' - cemented with 1800 sx cement in a 7 7/8" hole. TOC @ 5,390'.

A-3. Tubing will be 2 7/8" Duoline 8RT set at 12,150'.

A-4. Packer will be a nickle plated Baker Lockset Packer and on-off tool. Packer will be set 30-50' above 5 1/2" casing shoe.

B-1. Produced water will be injected into the lower Devonian formation in the South Vacuum Devonian Field.

B-2. Injection interval will be OH from 12,173 - 12,197 or deeper, if possible. This is +/- 350' below the original one of 7900'.

B-3. Arco State #2 was originally drilled by Blanks in 1985. American Cometra/Polaris later produced the Wolfcamp, but the well is now depleted

B-4. 2/18/85 Devonian open hole 12,173 - 12,197'. CIBP @ 12,142' w/10' cement on top.
2/27/85 Devonian perfs. 12,123 - 12,129' w/1 JS/ft (7 holes) CIBP @ 12,080' w/10' cement on top.
3/04/85 Devonian perfs 12,029 - 12,040' w/ 1 JS/ft. (12 Holes). CIBP 11,950' w/20' cement on top.
3/09/85 Devonian perfs 11,821 - 11,881 selective (12 holes) CIBP 10,500' w/20' cement on top.
4/18/85 Wolfcamp perfs 10,189 - 10,220' selective (22 holes). Potentialled 156 B0 + 198 BW.
7/30/85 CIBP 10,180' w/1 sack cement on top Wolfcamp perfs 10,043 - 10,159' selective (18 holes) Not commercial. Well TA'd. Hold for SWD well.

B-5. Devonian produced to a subsea depth of +/- 7900'. Wolfcamp produced at a depth of 10,200'. Bone Springs produced oil at approximately 8500'. The Queen produced oil and gas at a depth of approximately 4400' in the area. There is no known deeper production.

V. Map attached that identifies all wells and leases within two miles of proposed injection well with a one-half mile radius circle drawn around same well identifying well's area of review.

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