

3/3/82 to 8/10/82 - PBDT 10,714'. Spotted 600 gal Acetic acid. Perforated Bone Springs with 1 JSPF w/4" casing gun 8873, 81, 91, 96, 8903, 16, 23, 26, 29, 92, 94, 97, 9112, 21 35, 39, 48 and 9153'. Displace acetic acid. Swab 4 B fluid in 5 hrs 75% oil with a fair gas show (2' flare). Acidized perforations 8873-9153' with 3000 gal 15% HCL acid + 60 RCN ball sealers. After cleaning up well, swab 9 hr. recovered 16 BLW with 25% oil and 2' flare of gas. Reacidized perforations 8873-9153' with 3000 gal 15% HCL with mutual solvent. After cleaning up, well swabbed and flowed 14 BO and 2 BLW 8 hr with 3' gas flare.

8/11/82 to 8/21/82 - PBDT 10,714' Acid fraced perforations 8873-9153' with 20,000 gal Versegel 1400 + 20,000 gal 20% HCL acid. Well would flow and swab 17 BO and 41 BLW every 9 hrs.

8/22/82 - PBDT 10,714'. Pull tbg and pkr. Ran production tbg and anchor. Set bottom of tbg at 9204'. Tbg anchor at 8801'. RD rel well service unit.

8/23/82 to 9/3/82 - PBDT 10,714'. MIRU swab unit. Swabbed well to 9/3/82. Final 8 hr swab recovered 5 BO and 16 BW RD rel swab unit. Temporarily abandoned well.

Pogo now proposes the complete plug and abandonment of the subject well. Currently the well is as follows:

1. Junk at 13,334' (1/2 of Baker Model "D" Pkr)
2. Morrow perf 12,811-13,158'
3. CIBP at 12,805'
4. Morrow perf 12,794-99'
5. CIBP at 12,720 w/43' cmt on top.
6. Strawn perf 11,672-11,864'
7. CIBP at 11,620' with 29' cmt on top.
8. Wolfcamp perfs 11,196-11,205'
9. 14' cmt plug above 5" liner top (10,774') from 10,744-60'
10. CIBP at 10,750' with 36' cmt on top (current PBDT 10,714')
11. Bone Spring perforations 8873-9153'

The abandonment of the remaining well bore will be as follows:

1. Set CIBP at 8820' and cap with 35' cmt.
2. Freepoint 7 5/8" csg and cmt and pull (approximately 7000')
3. Set 100' cmt plug over 7 5/8" csg stub (50' above and 50' below)
4. Set 100' cmt plug at 10 3/4" csg shoe (5260-5360')
5. Set 100' cmt plug at 3850-3950' to cover top of Capitan Reef.
6. Set 100' cmt plug at 1850-1750' to cover top of salt.
7. Put 10 sx cmt plug at surface.
8. Install permanent P & A surface marker.

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