

#### #4 HERMAN COMPLETION HISTORY

8-12-82 Ran 226 jts. 5½" 15.5 & 17.0# J-55 casing and cemented at 7150' with 675 sx. TOC - 3230'.

8-26-82 Perforated Tubb interval with single jet shots at 6429', 6432', 6433', 6434', 6435' and 6437'. Set packer at 6370' on 2 3/8" tubing.

8-27-82 Acidized Tubb perfs with 2000 gals. 15% NE FE acid. Balled off.  
(Had rough tubing string which required replacement.)

9-08-82 Swab tested 1-1½ bbls fluid per hour. Water cut - 1-2%.

9-09-82 Acid fractured Tubb perfs with 3000 gals. gelled 2% KCl water pad, 4500 gals. 28% NE FE acid, and 2500 gals. gelled 2% KCl water overflush.

9-13-82 Released packer and pulled out of hole. Ran back in hole with tubing and tubing anchor.

9-14-82 Ran rods and pump. Setting pumping unit and engine.

9-18-82 Started pumping.

11-02-82 Tested 11 bbls oil, 4 bbls water and 27.8 MCF gas in 24 hour test.

11-03-82 Rigged up well service unit. Pulled rods and pump.

11-04-82 Pulled tubing. Perforated Blinebry interval with single jet shots at 5988', 5989½', 5993½', 5994½', 6015½' and 6016½'. Set retrievable bridge plug over Tubb perfs. Set packer on 2 3/8" tubing.

11-05-82 Acidized Blinebry perfs with 2000 gals. 15% NE FE acid.

11-08-82 Released packer and pulled tubing. Fracture treated down casing with 15,000 gals. gelled 2% KCl water and 13,500# 20-40 sand.

11-09-82 Flowed well down. Ran in hole with tubing, tubing anchor, tubing perfs and mud anchor. Swabbed 110 bbls water. Began to show oil cut.

11-10-82 Ran rods and pump. Started pumping.

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