

BAYTECH, INC. - FEDERAL 30 COM. NO. 1 WELL (RE-ENTRY)

1,090' FNL & 560' FEL Section 30,
Township 22 South, Range 25 East,
Eddy County, New Mexico

3/23/95 Tallied in hole w/RBP. Set RBP @ 8,207'. Loaded hole & pressured up to 500 psi. Csg & plug held. Circulated & spotted 500 gal 15% NEFE acid. POH w/ tbg. RU Wedge to perf as follows: 7,972', 73', 74', 78', 81', 82', 83', 84', 85', 86', 87', 88', 89', 90' (28 holes; 2 jspf). RD Wedge. RIH w/ pkr. Set pkr @ 7,260'. Loaded backside. RU to swab. IFL @ 2,500' FS. Made 8 swab runs (formation gas @ all times). Swabbed a total of 34 bbls of load. Well flowing gas on 1" choke after each run 60-80 psi FTP. Left well SI (perforations correlated to cased hole log).

DWC \$16,000

CWC \$79,434

3/24/95 Opening pressure - 450 psi. Opened well on 12/64" choke. Bled well down in 1-1/2 hrs. RU to swab. Made 7 swab runs. Swabbed down to SN w/20 psi gas pressure at all times. RU Howco to acidize w/3,000 gal 15% NEFE w/60 ball sealers. Started acid & balls on formation. AIR - 5 BPM. AIP - 2,300 psi. Balled out @ 3,000 psi w/45 balls on formation. Surged off balls and finished flush @ 5 BPM, 2,300 psi. ISIP - 1,730 psi, 5" - 550 psi, 10" - 0 psi. RU to swab. Made 17 swab runs. Rec 120 bbls load (total load 131 bbls). Had formation gas @ all times. 70 psi after each run until bled off.

Opening pressure (3/24/95 a.m.) - 800 psi.

DWC \$10,123

CWC \$89,557

3/25/95 Opening pressure - 800 psi. Put well on 10/64" choke. Well KOF @ 120 psi. Increase to 16/64" choke. 1st hr - rec 4 BO, 3 BLW, 100 psi. 2nd hr - rec 5 BO, 2 BLW, 80 psi. 3rd hr - rec 8 BO, 0 BLW. 4th hr - rec 10 BO, 0 BLW, 50 psi. Well bled down to 0 psi. Unset pkr and move down hole to 7,874' (98' above top perf). Set pkr and start to swab. made 8 swab runs w/ 6,000' fluid level. Total rec - 31 BO, 43 BLW. SD.

DWC \$2,400

CWC \$91,957

3/26/95 SI.

3/27/95 SI. Prep to swab test.

3/28/95 RDCU. MI swabbing unit @ 2:00 pm. SITP - 1,000 psi. Open well on 20/64" choke to test tank. 1st hr - 740 psi FTP - gas (no fluid), 2nd hr - 450 psi FTP - fluid to surface (7 bbl oil), 3rd hr - 120 psi FTP (3 bbl oil). Pull choke; RU to swab. 1st run - IFL 1,800' FS. Made 5 swab runs. Total rec 5 hrs - 13 BO, 24 BLW - FFL 4,000' FS. Gas rates - 800 MCF.

DWC \$1,500

CWC \$93,457

3/29/95 SITP - 450 psi. Open well on 20/64" choke. Bled down on 1" choke. IFL - 2,500'. 1st run - 600' free oil. Made 14 runs - FL 6,000' KOF on 180 psi 20/64" choke. Well surging gas for 1 hr. Made 11 additional swab runs. Good gas after each run. 25 - 70 % oil cuts on final runs. Total swab runs - 25. Rec 23 BO, 132 BW. FFL 7,000'. Left well flowing to test tank on 12/64" choke 120 psi.

DWC \$1,200

CWC \$94,657