

BHP G.C.U. #61 Basin Fruitland Coal San Juan, New Mexico Sec 4
T27N-R12W BHP WI 46.607 NRI 40.781 AFE: #9209234 \$75,000

09/05/92- Flow test PC formation, flowing on a 3/8" choke at 30 psi. Est gas vol 90 MCF/D. MIRU JC Well Serv. ND Homemade Well Head and NU BOPE. RU Perforators and set Alpha Bigboy CIBP @ 1416' KB on WL. Test CIBP to 300 psi, OK. GIH and perf Fruitland Coal from 1395 to 1412' w/ a 4" csg gun loaded 4 JSPF, 90° phasing shooting a .50 hole w/ a 19 gram charge. All shots fired, no press to surf. PU 6 5/8" CUP type pkr on 2 7/8" tbg and tally in hole. Set pkr at 1200', would not test. Rel pkr and POOH. Redress and rerun, would not test. POOH. Move in, set and fill filter frac tanks. SDFN. Day 1 DC: \$8,250 CC: \$8,250

09/06/92- RU Western and fracture stimulate the Fruitland Coal dn 2 7/8" tbg w/ 676 bbl 30# crosslink gel and 69,700# 20/40 Brady sand at 25 BPM. Max press 2500 psi avg 2100 psi avg rate 26 BPM max sand conc 6 ppg. ISIP 530 psi 15 min 100 psi. Load to recover 599 bbl. Shut well in 2 hrs for gel break. Open well up and tbg was on a vacuum. Rel pkr and POH laying dn 2 7/8" tbg. Pu and tally in hole 2 3/8" tbg. Tag sand at 1401'. RU to cl out. Well would not circ. SDFN. BLTR 599 Day 2 DC: \$17,100 CC: \$25,350

09/07/92- Waiting on sand pump equip. BLTR 599 Day 03

09/08/92- Waiting on sand pump equip. BLTR 599 Day 04 CC: \$25,350

09/09/92- SITP 170 psi. Open well to tank on a 3/8" pos choke. FTP 45 psi csg 170 psi. RD and move out rig. BLTR 599 Day 05 CC: \$26,350

09/10/92- 24 hrs flowing on a 3/8" pos choke. FTP 53 psi csg 134 psi. Rec 25 bbl load w/ an estimated gas rate of 140 MCF/D. TBLR 25 BLTR 574 Day 06 CC: \$26,350

09/11/92- 24 hrs flowing on a 3/8" pos choke. FTP 53 psi csg 125 psi. Rec 23 bbl load w/ an estimated gas rate of 140 MCF/D. TBLR 48 BLTR 551 Day 07 CC: \$26,350

09/12/92- 24 hrs flowing on a 3/8" pos choke. FTP 55 psi csg 120 psi. Rec 10 bbl load w/ an estimated gas rate of 175 MCF/D. TBLR 58 BLTR 541 Day 08 CC: \$26,350

09/13/92- 24 hrs flowing on a 3/8" pos choke. FTP 55 psi csg 135 psi. Rec 02 bbl load w/ an estimated gas rate of 175 MCF/D. TBLR 60 BLTR 539 Day 09 CC: \$26,350

09/14/92- 24 hrs flowing on a 3/8" pos choke. FTP 55 psi csg 128 psi. Rec 02 bbl load w/ an estimated gas rate of 175 MCF/D. TBLR 62 BLTR 537 Day 10 CC: \$26,350

09/15/92- 24 hrs flowing on a 3/8" pos choke. FTP 55 psi csg 128 psi. Rec 02 bbl load w/ an estimated gas rate of 175 MCF/D. TBLR 64 BLTR 535 Day 11 CC: \$26,350

09/16/92- 24 hrs flowing on a 3/8" pos choke. FTP 55 psi csg 137 psi. Rec 00 bbl load w/ an estimated gas rate of 180 MCF/D. TBLR 64 BLTR 535 Day 12 CC: \$26,350

09/17/92- 24 hrs flowing on a 3/8" pos choke. FTP 61 psi csg 140 psi. Rec 00 bbl load w/ an estimated gas rate of 200 MCF/D. TBLR 64 BLTR 535 Day 13 CC: \$26,350

09/18/92- 24 hrs flowing on a 3/8" pos choke. FTP 61 psi csg 133 psi. Rec 00 bbl load w/ an estimated gas rate of 200 MCF/D. TBLR 64 BLTR 535 Day 14 CC: \$26,350

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