Matador Operating Company

Pipeline Deep Fed 5 #2

Lea County, New Mexico

API # 30-025-35133 Sec 5, T19S, R34E

- 01/17/01 Tubing static. Continue swab. FL first swab run at 10,000'. Swab 65 BW in 10 hours and 13 runs. Gas show after swab run with 60 psi initially and decreasing to 0 psi. FL at end of day at 9700' scattered to 12900'. Pulling swab from 12,900'. 2297 BTLR. 673 BOL.
- 01/18/01 Tubing static. Continue swab. FL first swab run at 10,400'. Swab 49 BW in 9 hours and 12 runs. Gas show after swab run with 60 psi initially and decreasing to 0 psi. FL at end of day at 10400' scattered to 12900'. Pulling swab from 12,900'. 2346 BTLR. 725 BOL.
- 01/19/01 Well static. RU and pump 130 bbls 2% KCL down tubing, no pressure. RU Baker Atlas wireline. TIH with 1.687" gauge ring, CCL, gamma ray, and wireline. Tag fill at 13,545'. Find fluid level at 9100'. TOH with same. Test wireline lubricator to 4000 psi. TIH with 1.687" strip guns loaded 6 SPF, 0 deg phase. (11 gram, .30" x 22.6" penetration.) Perforate 13094 98, 13105 17. TOH with same. Tubing on vacuum immediately after perf, building pressure to 900 psi in 45 min. RD Baker Atlas. 90 min SITP: 1600 psi. Put on line at 1.4 MMCFD. Unloads 20 bbls water. FTP increases to 2800#. Leave on line.
- 01/20/01 FTP: 3250 psi with 1.35 MMCFD rate on 11 choke. Produced 447 MCF, 120 bbls oil, 6 bbls water in 10 hours. Increase choke to 13. Flow increased to 1.87 MMCFD. FTP: 2800 psi.
- 01/21/01 Well shut in automatically due to GPM pipeline. Well produced 1.3 MMCFD and 360 BO in estimated 16-18 hours. Well was shut in for approximately 8 hours before being placed back on line. SITP at 3850 at end of shut in period. (8:45 am 1/22/01, 12/64 choke, 2700 psi, 1.89 rate, approximately 400 BC + 0 BW.)
- 01/22/01 324 oil, 1311 MCF, 0 water, 2800 tbg pressure, down 8 hours working on valve. Midday report at 4:00 pm 1/22/01, FTP 2600, 1.92 MMCFD rate.
- 01/23/01 425 oil, 1892 MCF, 0 water, 2875 tbg pressure
- 01/24/01 392 oil, 2086 MCF, 0 water, 2900 tbg pressure. Note pressures are fluctuating due to liquids.
- 01/25/01 466 oil, 1351 MCF, 0 water, 2450 tbg pressure. Current rate 1.95 MMCFD. Changed out stack pack. Well down for 10 hours. SITP at 3900 psi.

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