

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or other plugs; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of perforating of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final formation blocking to approval of the abandonment.

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- 8-23-74: SI 14 hrs, TP-vac. Set pkr @11710'. Pressured perf 11710' to 6800', broke down formation. Pumped in at $\frac{1}{2}$ BPM @1500#. Swbd 6 hrs, 42 BLM, FL 7500'.
- 8-24-74: SI 14 hrs, TP-vacuum. Swbd 4 hrs, 21 BLM, FL 11000'. Show gas; Downhole treated down tbg thru csg perfs 11778-86' w/500 gals 7 $\frac{1}{2}$ % KOL acid containing low surface tension clay & iron stabilizing agent. Flshd w/ 70 bbls 2% KOL wtr. Max press 3000#, avg press 2000#, ISDP-vacuum. AIR 2.2 BPM. Swbd 3 hrs, 42 BLM, FL 7000'.
- 8-25-74: SD 24 hrs.
- 8-26-74: SI 2 hrs, SITP after 38 hrs, 300#. Swbd 10 hrs, 25 BLM, swbd dry.
- 8-27-74: Loaded tbg w/60 BW. Pmpd 90 BW down csg, installed BOP. Un-seated pkr. Lowered tbg to 11780'. Unable to circ around pkr rubber. Pulled RTTS pkr, leaving Howco BP in hole @11790'.
- 8-28-74: Howco set cast iron cmt retainer @11476'. Displaced hole w/2% KOL wtr. Spotted 60sx Glass H cmt w/3/10% IWL down 2-7/8" tbg. Press 40 sx in perfs 11550-786' at 3000#. Raised tbg to 11464'. Reversed 18sx cmt Raised tbg to 11425'. Spotted 250 gals 10% acetic acid w/low surface tension & clay control agents. Pld tbg & setting tool. New PBTD is 11464'.
- 8-29-74: McCullough perf 5 $\frac{1}{2}$ " csg in Morrow zone w/2-3/16" jet shoots/ft, F/11406-414'. Total 8 ft, 16 holes. Pressured csg to 1100#. Pump 125 bbls brine in csg. Pld perf gun. SICP 950#.
- 8-30-74: McCullough set Baker F-1 prod pkr @11350'. Loaded hole w/70 bbls brine.
- 8-31-74: Set 2-7/8" tbg CE @11357 latched into Baker pkr @11350' in 10,000# compression. Tested tbg & wellhead to 2500#, OK. RU Horne Well Svc unit, pld blanking plug @11356'. Swbd fluid to 1500', started flwg, unloaded 55 BLM. SI 12 hrs, TP 3000#.
- 9-1-74: F/24 hrs, 11/64" ch, 17 BLM, gas a rate of 3200 Mcf/day, FTP 3350#.
- 9-2-74: Flwd 24 hrs, no gauge.
- 9-3-74: Flwd 24 hrs, 11/64" ch. 4 bbls load coater, gas rate of 3400 Mcf/day. FTP 3150#.
- 9-4-74: Repaired high/low shut down valve. F/4 hrs, 28/64" ch, FTP 2250', gas at rate of 9700 Mcf/day.
- 9-5-74: F/24 hrs, 28/64" ch, gas rate of 7924 Mcf/day, 3 BSM, FTP 1900#, from Morrow zone perfs 11406-14'. Well restored to production status.