C&M EXPLORATION, LLC **BERGNER SWD #31-1** SEC. 31-27S-11W PRATT CO., KS "WELLBORE SCHEMATIC" KB: N/A DF: N/A GL: 1,742' Surface hole size: 17 1/4" 13-3/8" 48# Casing set @ 295' w/ 325 sks cmt, circ to surface C&M to set 5 1/2" casing to 1,800" (all left in hole after plugging) cement casing 2 7/8" Seat-Tite Tubing C&M Exploration proposes to re-enter well and convert to SWD (+/-1,900')1). Tie into existing surface casing, install new braiden head 2). Drill out cement plugs at 600', 320', and 40' 3). Wash-out hole and circulate 4). Set 5 1/2" casing to 1,800' (Stone Corral formation base at 1,770') 5). Cement new casing string 6). Open hole complete from 1,800' to 2,400' (likely use slotted liner) Packer to be set at @ +/-1,750' -7). Set Baker model R packer at +/- 1,750' 8). Run Seal-Tite or lined / coated 2 7/8" tubing from 1,900' to surface Inject open hole from 1,800' to 2,400' -New plug back depth @ 2,400' Bottom hole plug to be capped w/ cement From State Plugging Report (Form CP-2/3), 5 1/2" casing pulled at 2,400' Hole size 7 7/8" TOC @ 3,800' from State reports At 1/5/2017 plugging, sanded back to 4,220' and put 5 sx cement on top VIOLA (4,282'-4,310') (old work) Val Energy / Bengalia old perforations: perf Viola (4282'-4294'; 4302'-4310') (2 SPF)

5-1/2" (14#- Used T&D) Csg set @ 4,435', cement w/ 185 sacks AA-2 Well plugged on 1/5/2017 by Bengalia, pulled 2,400' of 5 1/2" casing

OLD TD: 4,436

Hole size 7 7/8"

PBTD @ 4,393' -