

Plan No. 1, Stage No. 5
Double Complete Strawn and Wolfcamp Zones
Both Zones Flowing

34. Fill well with KCl water; remove well head and nipple-up BOP.
35. Release packer and pull to RBP; release RBP and pull out of hole.
36. Pull out of hole with tubing, packer and RBP.
Note: Keep hole full and have full opening safety valve (open) on floor at all times.
37. Go in hole with general completion assembly as follows; all 2-3/8", EU, 8 rd., N-80 material.
 - Top section of "on-off" tool
 - Four foot tubing sub
 - Baker sliding sleeve (in closed position)
 - Tubing and/or sub(s)
 - Blast joints across upper perforations (if required)
 - Tubing and/or sub(s) for spacing
 - Top packer at appx. 10,970' KB
 - Balance of tubing and/or subs to space out to surface.
 - Note: Sleeve, subs, etc. must be sized to allow passage of tools to "on-off" tool at packer.*
38. Land "on-off" top section; set 12,000# compression on bottom packer.
39. Remove centered BOP rams, install off-set rams.
40. Go in hole with packer seal assembly and short tubing string. Note: This string will be 2-3/8", EU, 8 rd., 4.7# /ft., N-80 material - couplings must be beveled and turned down, or another type tubing and connections that will run inside 7" casing with existing string.
41. Space out and and set top packer. Land tubing in well head.
42. Remove BOP and install dual tree with single master valves and wing valves.
43. Swab long string down to balance formation pressure.
44. Rig up slick line unit; pull plug from receptacle.
45. Swab tubing to clean-up and test.
46. Swab short string down to clean-up and test.
47. Install surface equipment.
48. Run potential test(s) as required.

Plan No. 2, Stage No. 1
Plug and Abandon Strawn

12. Blow tubing down; load with KCl water.
13. Remove well head and install BOP.
14. POH with tubing and packer.
15. Rig up electric line company with wireline pack-off and BOP. Run and set CIBP at 11,900' KB and dump 50 feet of cement on top (check with ELM at Carlsbad to verify plugging instructions).

Plan No. 2, Stage No. 2
Complete Wolfcamp Zone 11,014' - 11,045' KB

16. Go in hole with tubing to 11,038' KB.
17. Circulate 500 gallons of 10% acetic acid to spot.
18. POH with tubing.
Note: Keep hole full and have full opening safety valve (open) on floor at all times.
19. Rig up electric line company with wireline pack-off and BOP. Run cement bond log from 11,200' KB back to top of cement. Perforate Wolfcamp zones with a 4" premium deep penetrating charge gun from 11,016' to 11,018 with 4 shots & 11,034' to 11,038' KB with 4 shots, top down.
20. Go in hole with packer, four foot sub, "on-off" tool and balance of tubing to set at appx. 10,970' KB (no subs required).