

SANTA FE ENERGY OPERATING PARTNERS, L.P.
OPERATIONS PLAN
P. G. "4" Federal No. 1

1. Drill a 17-1/2" hole to 600'.
2. Run 13-3/8" 48.0 ppf H-40 casing. Cement with 500 sacks lite weight cement containing 1 pps hi-seal followed by 400 sacks Class "C" containing 2% Calcium Chloride. Run Texas Pattern shoe on bottom and float collar one joint above shoe. Run centralizers on every other joint above shoe. Apply thread lock to bottom two joints, float collar and guide shoe.
3. Wait on cement six hours.
4. Cut off casing. Nipple up and install BOP system.
5. Test casing to 600 psi after cement has attained 500 psi compressive strength.
6. Drill a 12-1/4" hole to 4,150'.
7. Run 9-5/8" 40.0 ppf K-55 casing. Cement with sufficient lite weight cement containing 5 pps salt and 1 pps hi-seal followed by 640 sacks Class "C" Neat to circulate cement to surface. Centralize bottom 1000' of casing with one centralizer on every third joint above shoe. Run guide shoe on bottom and float collar two joints above shoe. Apply thread lock to bottom two joints, float collar and shoe.
8. Wait on cement six hours.
9. Cut off 13-3/8" casing head. Install 9-5/8" casing head. Install BOP stack and choke manifold.
10. Test BOP stack and choke manifold to 5000 psi. Test casing to 1500 psi.
11. Run a Gyroscopic Survey on wireline while WOC.
12. Drill out with an 8 3/4" bit and a non-magnetic drill collar in the BHA, keeping wellbore as near vertical as possible, will drop a Multishot Survey at 6000' and survey back to 9 5/8" to establish a bottom hole location at KOP.
13. Pick up Deflecting Assembly No. 1 consisting of: 6 1/2" Slow-Speed mud motor, 8 3/4" 3-type insert bit and 1.5 deg. deflecting sub back to non-magnetic drill collars and BHA.
14. Orient Deflecting Assembly with a surface readout steering tool to the desired azimuth, (North), drill with Deflecting Assembly until 5-6 deg of inclination and correct azimuth has been achieved.