17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones pertinent to this work.)*

T.D. 5000' reached on 10-13-85. T.I.H. and conditioned mud. Ran IES and CDL logs by Gearhart. Laid down drill pipe and collars. Rigged up and ran 119 jts. 4½" OD, 10.5#, 8 RD, Arvedi casing (T.E. 4999.07') set at 4996' RKB Cemented first stage with 10 bbls mud flush followed by 210 sacks 50-50 pos plus 2% gel & ¼# flocele per sack. (Total cement slurry first stage 267 cf). Full mud returns while cementing. Went 12 bbls over on displacement. Did not bump plug. Float held OK. Dropped opening bomb. Opened stage tool at 3831'. Circulated with rig pump $2\frac{1}{2}$ hrs. Cemented 2nd stage with 10 bbls mud flush followed by 610 sacks 65-35 plus 12% gel & $\frac{1}{4}$ # flocele per sack, followed by 100 sacks 50-50 pos plus 2% gel & 1# flocele per sack. (Total cement slurry 2nd stage 1475 cf). Total cement slurry used in both stages 1742 cf. Full mud returns while cementing. Closed stage tool with 2500 psi - held OK. Circulated all mud flush and trace of contaminated cement. Job complete at 7:15 AM 10-16-85. Nippled down BOP. Set $4\frac{1}{2}$ " casing slips and cut off $4\frac{1}{2}$ " casing. Released rig at 9:30 AM 10-16-85.

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| 8. I hereby certify that the foregoing is true and correct | TITLE _ | Geologist | _ DATE | 10-16-85 |
| (This space for Federal or State office use) | | | | |
| APPROVED BY | TITLE _ | OCT 2 2 198 5 | _ STATE | :750 |
| | | Value DIN | Alaban i Soo o | |