

WORKOVER TO REPAIR 4½" PARTED CASING, RECOVER TUBING FISH, & RETURN TO PRODUCTION - CONT.

- 10-7-77 GIH w/1 jt wash pipe and 10-3/4" shoe to 1212' (top of 8-5/8" csg stub). No fill. C&C mud, raise visc to 68 sec. POOH. Ran 30 jts 8-5/8" csg (1203.29'). Set down. Rotated casing and dropped approx 1½". RU & ran 7-7/8" bit to 1196'. Tagged fill. Washed and rotated to 1204'. Circ out mud. MW 9.5 - Vis 68 - DV 10 - VP 20 - WL 4 - Oil 1 - Solids 7.5 - Cl 18,500 - pH 7 Est cost
- 10-8-77 Washed from 1204' to 1212' with 7-7/8" bit. Unable to work past 1212' (point of encounter of 8-5/8" stub and protective tie-back). POOH. GIH w/7-3/4" impression block to 1212'. Set down 2 times, POOH - had hardly any markings. GIH w/4-3/4" bit to 1212'. Rotate bit to get into casing stub. Washed from 1212' to 1227'. Casing jumped (improved alignment?). Worked bit through interval at 1212' with no problem. Continue in hole to 1623' and tagged fish (or fill) POOH & S.D.O.N.
- 10-9-77 GIH w/7-7/8" bit to 1212'. Unable to go deeper. POOH. GIH w/6-1/8" bit to 1262'. POOH. GIH w/6-1/8" bit and 7-7/8"-6 point reamer. Able to work reamer through point of contact. Spotted reamer in part. Raise casing and pulled floor slips. Slacked off and casing set down 2½" in safety backoff hull. Worked reamer from 1205' to 1217', had tight spot at 1212'. POOH S.D.O.N.
- 10-10-77 No work.
- 10-11-77 GIH w/7-7/8" bit to 1257' - no problem. POOH. ND BOP & cut off 8-5/8" casing. NU BOPs. GIH w/7-7/8" bit to 1550'. Wash and rotate from 1550' to 1628' (firm) Circ hole clean. POOH w/7-7/8" bit. S.D.O.N.
- 10-12-77 GIH w/7-7/8" OS and latched 4½" csg. Worked casing with 50,000# tension - no movement. Circ & raise mud visc to 58 sec/qt. Released OS & POOH. GIH w/3-3/4" to 2140'. Tagged fill or (?) Washed and reamed fr-m 2140' to 2203'. Circ hole clean. S.D.O.N.
- 10-13-77 Washed from 2203' to 2519' (top of RBP) with 3-3/4" bit. Circ & raise visc to 59 sec/qt. POOH. GIH to RBP - no problems. Circ w/full returns. POOH with RBP. GIH w/3-3/4" bit to 5070'-tagged top of tubing. Circ bottoms up & POOH. S.D.O.N.
- 10-14-77 Finish POOH w/-3-3/4" bit. GIH w/6 DCs, jars and bumper sub and 3-13/16" csg swage to 5070' (top of 2-3/8" tubing). POOH. GIH w/tubing, jars, bumper sub and screwed into fish. Jarred on tubing for 5½ hrs, gained 32" (possibly straightening corkscrewed jts). Jars were tripping at 50,000#, string weight 20,000#. S.D.O.N.
- 10-15-77 Jarred on fish for 3½ hrs - no gain. Jars tripping at 38,000#. Made mechanical back off. POOH. Fishing string had backed off at 1244'. GIH w/6-3/4" OS. Tagged tubing at 1479'. Latched fishing string and pulled 65,000#. String parted. POOH. Recovered 2200' of fishing string. GIH w/6-3/4" OS to check for tubing above 4½" casing stub. None. Tagged top of casing at 1629'. POOH. GIH w/3-3/4" OS and latched fishing string. S.D.O.N.

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