

District <b>ROCKY MOUNTAIN</b>	County or Parish <b>San Juan</b>	State <b>New Mexico</b>
Field <b>Basin Dakota</b>	Lease or Unit <b>Schlosser WN Federal</b>	Well no. <b>#2</b>
Auth. or W.O. no. <b>AFE #539431</b>	Title <b>Restore Dakota Production - Tubing Leak</b>	

Loc: SW SW Sec. 3-27N-11W

API # - None assigned

Operator <b>ARCO Oil and Gas Company</b>	A.R.Co's W.I. <b>50%</b>
Spudded or W.O. begun	Prior status if a W.O.
Workover	<b>PRODUCER</b>

Date and depth as of 8:00 a.m.	Complete record for each day reported
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4/17/81

Prep to kill well & NU  
Moved in & rigged up Big "A" Compl Unit #12

4/18/81

Prep to POH & stand back 2-1/16" Dakota string & then fish remaining 2-1/16" w/wash pipe & 2-3/8" tbg work string.  
7 AM 4/17/81 - both tbg strings dead, 100 psi CP. Blew CP dwn, ND xmas tree & NU 6" Series 900 BOPs. Pmpd 40 bbls 2% KCl wtr in annulus & killed well. Pulled on Gallup & POH laying dwn Gallup tbg. Rec'd drlg mud & shale inside Gallup tbg. Picked up on 2-1/16" Dakota tbg, backed off landing studs & pulled to 40,000#s (20,000 above tbg w/ cut tbg stuck. Ran McCullough Free Pt & found tbg stuck 6312' to 5950' & free f/5925' & shallower. Ran chemical cutter & made cut @ 5923' (1st tbg collar below cut is @ 5938'). Worked tbg & same came free. Secured well & SDON.

4/19/81

Prep to SD f/Sunday  
Pulled 60 stds (doubles) of 2-1/16" tbg. Circ'd w/partial returns losing 50 bbls of 2% KCl wtr. Regained full returns plus gained add'l 2 bbls. Finished TOH recovering total of 175 jts plus cut off jt. PU 4-3/4" bit & csg scraper & picked up 82 jts of 2-3/8" tbg work string. SDON & f/Sunday.

4/20/81

Prep to continue TIH w/4-3/4" bit while PU 2-3/8" tbg  
SD f/Sunday

4/21/81

Fin strapping 2-3/8" tbg. TIH to 5918'  
Circ hole clean. Lost 200 bbls 2% KCl wtr. TOH w/2-3/8" tbg, X0, csg scraper & 4-3/4" bit. PU washover assbly as follows: W0 shoe, 6 - 3-3/4" W0 pipe, 2 - X0 sub, oil jars, 2 - X0 subs & 2-3/8" tbg to 5918'. Washed over to 5950.92'. Tite @ 5947'. Circ out shale, drlg mud & bits of metal. Circ hole clean. TOH w/50 stds 2-3/8" tbg to 2790'. Lost 15 bbls 2% KCl wtr while washing over for total of 265 bbls. SI & SDON.

4/22/81

Prep to fin TIH w/2-1/16" & 2-3/8" tbg & CO beside fish  
TIH w/2-3/8" tbg & W0 assembly f/2790-5930'. Had 20' fill overnite. Wshd dwn to 5950' w/no problems. Wshd dwn slow & hard f/5950-5952' while reverse circ'g. Stopped making hole @ 5952'. Circ'd & wshd for 1 hr w/no results. Chgd to conventional circulation & wshd f/1 hr w/no results. Circ'd hole clean, TOH w/2-3/8" tbg & W0 assembly. W0 shoe worn on outside & inside 1.86' up f/bttm. All brass & cutrite gone f/shoe, 1-7/8" gone f/total length of shoe. Groove inside shoe body @ 1.14' to 1.86' f/bttm. Top screws looked to be worn f/top-dwn. Bttm of shoe body blocked f/outside to inside. TIH w/1 jt 2-1/16" cut off w/notched body, 6 jts 2-1/16" tbg - 230' & 134 jts 2-3/8" tbg - total 4391.44'. SI & SDON.