

DEC 15 '87

WORKOVER PROCEDUREDATE 10/9/87 O. C. D.  
ARTESIA, OFFICEWELL NO. & TYPE OF JOB: Empire Abo Unit #D-42 ARCO WI: 34.1406%JOB TITLE: Drill Out, Test and Plug Back to Upper IntervalDRILLED & COMPLETED: 8/60 LAST WO: TA 9/77FIELD: Empire Abo COUNTY: Eddy County, NM PREPARED BY: M.B. SmithTD: 6392' PBD: 6099' DATUM: RKB DIST RKB TO GL: 13'TUBINGHEAD: MAKE NA SIZE 7-1/16 PRESSURE RATING 3000 psi

CASING INFORMATION: SIZE WEIGHT GRADE SET @ SX CMT TOC

SURFACE: 8-5/8" 28 NA 738' 375 SurfacePRODUCTION: 5-1/2" 15.5 J-55 6380' 150 sx SurfacePRESENT PERFORATIONS 6272 - 6282 (1 JSPF) TA'd w/CIBP at 6099'TUBING SIZE: None WT: ---- GRD: ---- THD: ----- NO JTS: -----PACKER & MISC.: Original perforations 6300-6318 squeezed with 40 sx thru  
CICR set at 6292'. Well TA'd 9/12/77 with CIBP set at 6099'. Left one  
joint of 2-3/8" tubing in wellhead. Hole is loaded with treated water.PROCEDURE

1. Test anchors. MIRU PU. Check well for pressure and bleed off. ND wellhead and NU BOP. Pressure test the BOP and 5-1/2" casing to 500 psi.
2. TIH w/4-3/4" bit and 4, 3-1/2" DC's on 2-3/8" tubing and drill out the CIBP at 6099'. Clean out to the top of the CICR at 6292' and POH.
3. TIH with a treating packer and std SN on 2-3/8" tubing to +6180' and swab test the perforations from 6272' to 6282'. Report results of swab test to Midland.

If results of swab test are favorable pressure the annulus to 500 psi and acidize the Abo perforations from 6272' to 6282' with 1000 gals of 60/40 15% NEFE HCL and xylene at 1-2 BPM with a maximum wellhead treating pressure of 1000 psi. Flush to the bottom perforation with produced water. SI for 30 minutes and swab test. If production from these perfs is adequate, continue with step 9.

If results of swab test are not favorable either before or after the acid treatment continue with step 4.