

P&A PROCEDURE

DATE: 6/18/92

WELL & JOB: Krause WN Federal # 8E

DRILLED: 1980

LAST WORKOVER: Packer installed in 1985

FIELD: Basin Dakota

COUNTY: San Juan, NM

BY: R. D. Keathley

TD: 6,282'

PBD: 6,260'

DATUM: KB - 14'

TUBINGHEAD:

SIZE: 7-1/16"

PRESS RATING: 5M or 3M

CASING:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SET @</u>	<u>SX CMT</u>	<u>TOC</u>
SURFACE:	8-5/8"	24.0#	K-55	618'	450	surf
PROD:	4-1/2"	10.5#	K-55	6,281'	1st stage - 800	5,196'*
					2nd stage - 500	Unknown**

PERFORATIONS: Dakota from 6,151' - 6,257' (18 holes).

TUBING: SIZE: 2-3/8"

WEIGHT: 4.7#

GRADE: J-55

THREAD: 8rd EUE

BTM'D @ 6,099'

JOINTS: 192

MISC: F nipple @ 6,069', F profile in on/off tool

PACKER AND MISC: Baker Lok-set @ 6,099'

HISTORY AND BACKGROUND: Well was drilled and completed in 1980. Well started making mud and water in 1984. Suspected casing leak. Ran packer in hole and set at 6,099'. Attempted to produce below packer with little success. Well now shut in. * This is as high as bond log was run. Some signs of cement being lifted to at least this point. ** Volume on 2nd stage of cement job was 81% excess to bring cement back to surface. Had full returns throughout 2nd stage cement job - no mention made of cement circulating or not circulating.

SCOPE OF WORK: P&A

PROCEDURE

1. MI RU CU.
2. Flow well down until dead.
3. Load tubing with produced water.
4. ND tree, NU BOP.
5. Release from on/off tool above packer. Circulate wellbore with produced water to clean mud from well. Relatch on/off tool. Unset packer and TOH. If packer will not unset, release from on/off tool and TOH. Inspect tubing for use as a work string to plug well. Make up necessary fishing assembly on work string and TIH and retrieve packer.
6. TIH with CICR on work string and set at 6,100'.
7. Close pipe rams and attempt to pressure test casing to 1,000 psi for 15 minutes.