

PLUG & ABANDON PROCEDURE

DATE: 5/29/91

WELL & JOB: State 2 No. 7

DRILLED: 11/90

LAST WORKOVER: 1/91 - Convert to WDW

FIELD: Shugart

COUNTY: Eddy, NM

BY: S. W. Robinson

TD: 3133

PBD: 3089' (FC)

DATUM: RKB - 11.60'

CASING:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SET @</u>	<u>SX CMT</u>	<u>TOC</u>
SURFACE:	13-3/8"	54.5#	J-55	654'	714	Surf (Circ)
INTER:	8-5/8"	24#	J-55	1772'	800	Surf (Circ)
PROD:	5-1/2"	15.5#	J-55	3133'	550	Surf (Circ)

PERFORATIONS: Queen 2987-3023; Squeezed Seven Rivers 2772-2821

TUBING: UT SIZE: 2-3/8"

WEIGHT: 4.7#
JOINTS: 90

GRADE: J-55
MISC: Baker Lok-Set @ 2924' w/2-3/8" SN @ 2920'

THREAD: EUE-8rd

PACKER AND MISC: Baker Lok-Set w/2-3/8" SN.

HISTORY AND BACKGROUND: The State 2 No. 7 was drilled in November 1990 to a TD of 3133' as a Queen development well in the Shugart field. The Queen was found to be tight and wet. Uphole Seven Rivers potential 2772-2821 was also found to be tight and wet and subsequently squeezed. An attempt was then made to convert the well to water disposal in the Queen, but an injectivity test indicated the zone would not take adequate quantities of water at the maximum injection pressure mandated by the NMOCD. This well is located in the Potash mining area, and the NMOCD requires the 5-1/2 casing be filled with cement across the entire evaporite section.

SCOPE OF WORK: Plug and Abandon

PROCEDURE

1. Notify NMOCD District II, Artesia, of intent to P&A (748-1283). MIRU PU. NU BOPE. Release Baker Lok-Set pkr @ 2924' & POH w/2-3/8" tbg.
2. TIH w/CIBP & set same @ 2950'. Dump 35' cmt. Reverse clean. Spot 27 bbls 9.5 ppg MLF to 1825'. POH.
3. TIH w/CIBP & set same @ 2225'. Dump 100' cmt. PUH to 1825'. Circ cmt (Cl'C' mixed @ 14.8 ppg). POH laying down. Fill csg. P&A wellbore w/dry hole marker.

SWR

S. W. Robinson

Approved:

Carl Bird for RDR 30 May 91
R. D. Reynolds

J. E. Shields
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