

EMPIRE SOUTH DEEP UNIT NO. 2
Squeeze Wolfcamp Formation
Perf and Recomplete to Morrow

1 of 1
From: 1/20/97 07:00:00 To: 1/20/97 18:00:00 11.00 Hrs PLANNED on DURING
Functional Responsibility: OTHER Job Sequence No: 1 CEMENTING
Operations Description: Rig Up
TST ANCHORS X DIG OUT CELLAR X CHECK PRS ON CSG STRING 12 3/4 0 PSI X 8 5/8 60 PSI X
4 1/2 20 PSI. RUSU X SION.

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From: 1/21/97 07:00:00 To: 1/21/97 18:00:00 11.00 Hrs PLANNED on DURING
Functional Responsibility: OTHER Job Sequence No: 1 CEMENTING
Operations Description: Pulling Tubing
RTXIB REL PKR X TOP JT HAD PIN HOLE IN UPSET X POH X TBG X PKR. R 3 7/8 BIT X CSG SCRAPER
X TST TBG INHOLE 8000 PSI ABOVE SLIPS.

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From: 1/22/97 07:00:00 To: 1/22/97 18:00:00 11.00 Hrs PLANNED on DURING
Functional Responsibility: OTHER Job Sequence No: 1 CEMENTING
Operations Description: Tripping
FIN TST TBG IN HOLE TO 8782' X POH X R CMT RET X TBG TO 8602' X SION.

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From: 1/23/97 07:00:00 To: 1/23/97 18:00:00 11.00 Hrs PLANNED on DURING
Functional Responsibility: OTHER Job Sequence No: 1 CEMENTING
Operations Description: Remedial Cementing
SET CMT RET AT 8602' LOAD X PRS CSG 500 PSI. EST INJ RATE 1800 PSI X 2 BPM. CMT X 100
SX CLASS "H" X ADDITIVES. SQ WOLFCAMP PERF 8760'-8776' 4000 PSI. REV OUT 19 SX. 13 SX
BELOW RET X 68 SX IN PERFS. POH X TBG X SETTING TOOL. TIH X BIT X DC'S X SION.

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From: 1/24/97 07:00:00 To: 1/24/97 18:00:00 11.00 Hrs PLANNED on DURING
Functional Responsibility: OTHER Job Sequence No: 1 CEMENTING
Operations Description: Drill Cement
FIN RIH X BIT X DC'S X TAG CMT 8587'. DO CMT TO 8602' X DO CMT RET 8602'-8604' X DO CMT
TO 8622' X CIRC HOLE X PU X SION.

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From: 1/27/97 07:00:00 To: 1/27/97 18:00:00 11.00 Hrs PLANNED on DURING
Functional Responsibility: OTHER Job Sequence No: 1 CEMENTING
Operations Description: Drill Cement
DRL CMT 8622 TO 8815 X FELL OUT OF CMT X RUN TO 8838 X CIRC HOLE CLEAN. TST 750 PSI 30
MINS OK. PULL ABOVE PERFS X SION.