

PROPOSED WELL PLAN

WELL NAME	Warren Unit No. 78	FIELD	NMFU
<u>ATTACHMENT</u>	<u>NO.</u>	<u>REQUIRED</u>	<u>NOT REQUIRED</u>
CASING CENTRALIZERS, SCRATCHERS		X	
CEMENTING		X	
MUD PROGRAM		X	
WELL PLAN OUTLINE		X	
PORE PRESSURE - FRAC GRADIENT			
PROJECTED PROGRESS			
CROSS SECTION OR WELL COURSE			
HYDRAULICS PROGRAM			
BIT PROGRAM			
VENDER USAGE LIST			

DRILLING AND COMPLETION PROCEDURE

- 1) 0'-1450' Drill 12 1/4" hole. Set and cement 9 5/8" OD surface casing. WOC 18 hours. Pressure test to 1200# for 30 minutes. Drill out.
- 2) 1450'-6835' Drill 8 3/4" hole. Pressure test shoe to 300#. Drill to TD. Run OH logs. Set and cement 7" OD production casing. WOC 18 hours. Pressure test to 1200# for 30 minutes.
- 3) Detail completion procedure to be determined from OH log analysis.