

DRILLING PROGNOSIS

WELL: 1984 North Hobbs Unit Infill Program
 NHU 33-312
 LOCATION: 110' FNL & 1830' FEL BHL - 10' FNL & 1330' FEL
 Sec. 33, T-18-S, R-38-E
 Lea County, New Mexico
 OBJECTIVE: Grayburg-San Andres

W.O. NO. _____
 FIELD: North Hobbs Unit
 EST. ELEVATION: 3645 KB

EVALUATION		GEOLOGY	DRILLING				
ORLG. TIME & SAMPLES	ELEC. SURVEYS	MUD LOGGER	SIGNIFICANT FORMATIONS	WELL DEPTH	HOLE SIZE	CASING & CEMENT	MUD PROGRAM
			Ogallala 50' ^{40'+}		13-3/8" Conductor		
			Red Beds 270'		12 1/4"		Fresh Water Native MW 8.8-9.2 Vis 32-35 sec/qt.
			Rustler 1610'		8-5/8" 24# K55 STC		
			Salt 1700'	1630'	Cmt. to surface		
			KOP @ 1700' Build angle @ 1.5°/100' to 12.57°				
			Yates 2700'		Min. 80PE Class 2MS-10-SRR		
			Seven Rivers 2905'		7-7/8"		Salt-Saturated Brine MW 10.2-10.5 Vis As required to clean hole FL No control pH 9.5+
			Bowers 3200'				
			Queen 3410'				
			Bvers 3575'				
			Grayburg 3755'				
			San Andres 4010'		5 1/2" 14# K55 STC		Sat. Brine MW 10.8-10.5 Vis 30-35 sec/qt WL < 10 cc pH: 9.5+
			TD 4350'		Cement to surface		

3300'
 GR/DLL/MSFL, NGS/SNP
 GR/BHC

BEFORE EXAMINER STAMETS
 OIL CONSERVATION DIVISION
 EXHIBIT NO. 3600'
 CASE NO. _____
 Submitted by _____
 Hearing Date _____