

DRILLING PROGNOSIS

WELL: 1984 North Hobbs Unit Infill Program
NHU 28-242

W.O. NO. _____

LOCATION. 1163' FSL & 2014' FWL BHL-1110' FSL & 2400' FWL
Sec. 28, T-18-S, R-38-E
Lea County, New Mexico

FIELD: North Hobbs Unit

OBJECTIVE: Grayburg-San Andres

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 260'				
					12 1/4"		Fresh Water Native MW 8.8-9.2 Vis 32-35 sec/qt.
			Rustler 1595'			8-5/8" 24# K55 STC	
			Salt 1690'	1615'		Cmt. to surface	
			KOP @ 1700'				
			Build angle at 1.50/100 ft. to 9.28°.			Min. 80PE Class 2MS-10-SRR	
			Yates 2680'				
			Seven Rivers 2900'				
			Bowers 3210'		7-7/8"		
			Queen 3420'				
			Byers 3595'				
			Grayburg 3750'				
			San Andres 4070'				
			TD 4350'			5-1/2" 14# K55 STC Cement to surface	
							Sat. Brine MW 10.8-10.9 Vis 30-35 sec/qt WL < 10 cc pH: 9.5+
							Salt-Saturated Brine MW 10.2-10.5 Vis As required to clean hole FL No control pH 9.5+

3300'

GR/DLL/MSFL, NGS/SNP

GR/BHC

+2350'

3600'

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 19
CASE NO. 8262, 8263, 8264
Submitted by Shurlock
Hearing Date 7/11/84