

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	
			Rustler 1595'				MW 8.8-9.2	
			Salt 1690'	1615'		8-5/8" 24# K55 STC	Vis 32-35 sec/qt.	
						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		

3300'

GR/DLL/MSFL, NGS/SNP

GR/BHC

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 19

CASE NO. 8262, 8263, 8264

Submitted by Shirley K. Kester

Hearing Date 7/11/84

Salt-Saturated Brine

MW 10.2-10.5
Vis As required to clean hole
FL No control
pH 9.5+

Sat. Brine

MW 10.8-10.5
Vis 30-35 sec/qt
WL < 10 cc
pH: 9.5+