

DRILLING PROGNOSIS

WELL: 1984 North Hobbs Unit Infill Program
NHU 30-312

W.O. NO. _____

LOCATION: 500' FNL & 1448' FEL BHL 10' FNL & 1330' FEL
Sec. 30, T-18-S, R-38-E
Lea County, New Mexico

FIELD: North Hobbs Unit

OBJECTIVE: Grayburg-San Andres

EST. ELEVATION: 3645 KB

EVALUATION			GEOLOGY	WELL DEPTH	HOLE SIZE	CASING & CEMENT	MUD PROGRAM
RLG. TIME SAMPLES	ELEC. SURVEYS	MUD LOGGER	SIGNIFICANT FORMATIONS				
			Ogallala 50' 40' +		13-3/8" Conductor		
			Red Beds 225'		12 1/4"		Fresh Water Native MW 8.8-9.2 Vis 32-35 sec/qt.
			Rustler 1500'		8-5/8" 24# K55 STC		
			Salt 1600'	1520'	Cmt. to surface		
			KOP @ 1700' Build angle @ 1.50/100' to 12.46°		Min. BOPE Class 2MS-10-SRR		
			Yates 2670'		7-7/8"		
			Seven Rivers 2900'				
			Bowers 3220'				
			Queen 3435'				
			Byers 3605'				
			Grayburg 3805'				
			San Andres 4080'				
			TD 4350'		5-1/2" 14# K55 STC Cement to surface		

+2350'

300'

GR/DLL/MSFL, NGS/SNP

GR/BHC

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 18

CASE NO. 8262, 8263, 8264

Submitted by Shirley Wicks

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+

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