

DRILLING PROGNOSIS

Well Name: Germany Investment Company USA 9-1

Location: 1980 ft. from South Line and 660 ft. from East Line of
Section 9, T20S, R28E, Eddy County, New Mexico

Elevation: 3283.2 G.L.

GEOLOGICAL PROGRAM

Samples: 10' samples surface pipe to total depth.

Expected Formation Tops:

Surface Alluvium (Permian)		
Queen SS	730	Permian - Guadalupian
San Andres	2020	"
Glorietta	3800	"
Bone Springs LS	4820	Permian - Leonardian
3rd Bone Springs SS	8400	"
Wolfcamp	8750	Permian - Wolfcampian
Canyon	9730	Pennsylvanian
Strawn	10,110	"
Atoka	10,600	"
Morrow	10,815	"
Chester Shale	11,350	Mississippian

Well Site Geologist:

K. D. Middleton	Office Phone:	(214) 368-5804
	Home Phone:	(214) 265-3723

Alternate: H. E. Hansen Phone: (214) 368-5804

ENGINEERING PROGRAM

Well Site Engineer: H. E. Hansen Phone: (214) 368-5804

Drilling Contractor:

MUD PROGRAM

		<u>Wt.</u>	<u>Vis.</u>	<u>W.L.</u>
Surface to 3,000	FW gel & LCM	8.6 - 9.0	45-60	
3,000 to 8,700	FW & Lime	8.6 - 9.0	45-60	
8,700 to 10,500	KCL w/Flosal	8.9 - 9.2	32-34	20-14
10,500 to 11,400	Flosal & Drispak	9.1 - 9.3	34-38	12-7

INSTRUCTIONS TO DRILLER

BOP's & Hydril to be tested daily.

BOP's on 8-5/8" Yellow Jacket prior to Wolfcamp 8700'