

DRILLING WELL PROGNOSIS

WELL NAME MUDGE 2 NO. 302
 TYPE WELL DEVELOPMENT
 FIELD/AREA BASIN DAKOTA GAS POOL (BISTI)

APPROX. LOCATION (SUBJECT TO SURVEY) 2200' FSL & 850' FWL Sec. 8-T25N-R11W San Juan Co., N. M.

EST. G. L. ELEVATION 6336' PROJECTED TD 5910' OBJECTIVE Dakota "B" Sandstone

SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
12 1/4"	8 5/8" 24# K-55 ST&C			Base of OJO Alamo 500' (+5850') 600'	SAMPLES: Surf to 4700': 30' 4700' to TD: 10'
4 1/2"				Pictured Cliffs 1250' (+5100')	CORES: 60' conventional in Dakota "B" Sandstone
7 7/8"				Mancos 3995' (+2355')	DST's: None
				Gallup 4725' (+1625')	DEVIATION CONTROL Maximum dogleg severity 1 1/2° per any 100' interval. Maximum deviation not to exceed 1° per 1000'.
				Greenhorn 5645' (+705)	CEMENT 8 5/8": Circ Class "A" to surf, WOC 12 hrs minimum.
				Dakota "B" 5810' (+540')	4 1/2": 1st stage cover Gallup. 2nd stage 2000'± to surf.
				TD 5910' (+440')	MUD Surf to 8 5/8": csg: Spud mud 8 5/8" csg to 4600±': Water 4600±' to TD: Low solids non-dispersed. Wt: 8.8 to 9.0 lb/gal Vis: 35 to 40 sec/qt raise to 50-60 sec/qt for logs WL: 8-10 cc

ORIGINATOR: J. N. Carlson DATE 9/18/73
 ENGINEERING APPROVAL: PAC
 PETROLEUM: F. A. Wise
 OPERATIONS: K. R. Jordan

OPERATIONS APPROVAL:

E. J. Martick
 DIV. DRILLING SUPT.

