

COLLINS & WARE, INC.  
MALAGA NO. 1  
EDDY COUNTY, NEW MEXICO

WELL DATA

Well Data as of 7/10/93

<u>TOTAL DEPTH</u>	12,095' KB	Drilling Report	<u>ELEVATIONS:</u>	3,019' KB 'KB
	12,082' KB	Schlumberger		2,994' KB 'GL
<u>KB TO GL</u>	25 feet			
<u>P B DEPTH</u>	Top of liner @ 9,516' KB (Driller's depth)			
	Float collar in liner @ 12,002' KB (Driller's depth)			
<u>CASING</u>	Surface	13.375" @ 600' KB, 650 sx, circulated.		
	1 st. Intermediate:	9.625" @ 2,580' KB; 1055 sx., circulated.		
	2 nd. Intermediate:	7.00" @ 9,900' KB, 2145 sx., 2 stage, circ. cement during displacement of first stage, est. TOC @ 5,400' KB second stage 29#/ft., N-80 & P-110, LT&C		
	Liner:	4.5", 15.10 #/ft., P-110, STL, from 12,095 to 9,516' KB		
		Cemented with 300sx., circulated 96 sx. off top of liner		
		Liner packer in top.		

Upper Hole Well Bore Diagram

