
 MESA PETROLEUM CO. PERMIAN BASIN DIVISION			
YATES FEDERAL COM I-Y SEC 20, T 17S, R 27E Eddy Co., New Mexico			
BY:		DRAWN BY:	
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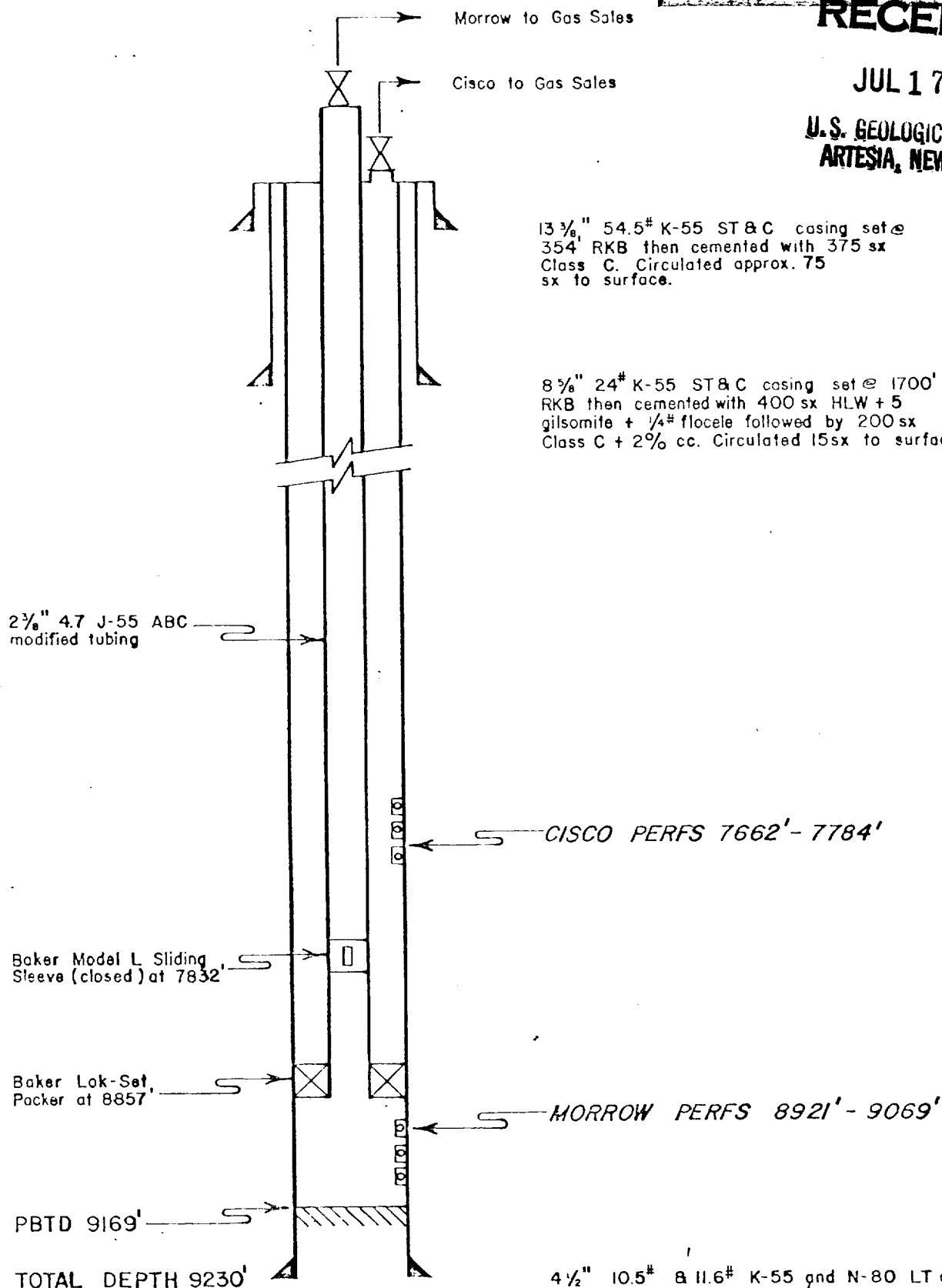
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**U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

13 3/8" 54.5# K-55 ST&C casing set @ 354' RKB then cemented with 375 sx Class C. Circulated approx. 75 sx to surface.

8 3/8" 24# K-55 ST&C casing set @ 1700' RKB then cemented with 400 sx HLW + 5 gilsomite + 1/4# flocele followed by 200 sx Class C + 2% cc. Circulated 15sx to surface.



4 1/2" 10.5# & 11.6# K-55 and N-80 LT and BT & C casing set @ 9230' RKB. Centralizer (total of 21) installed from 9230' to 7500'. Cemented with 1200sx Class H + 3% Halod 22 + 0.2% CFR-2 + 5# of KCL. Top of cement at 5800' (by bond log)

Case # 4633

2-22-79