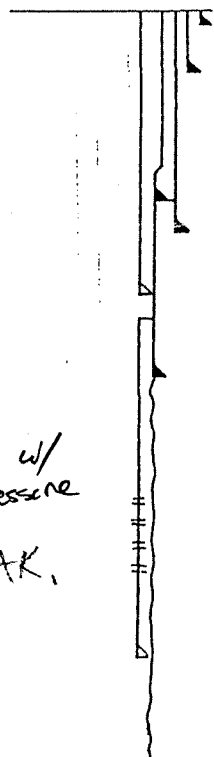


SCHEMATIC

DESCRIPTION



68', 30" conductor pipe. Cemented.

-200', 22" 0.375" wall Buttwelded API L5 line pipe. Cemented to surface.

-TIE-BACK, 1111'-Surface, 11-3/4" 54# K-55 Buttress casing and 13-3/8", 61# K-55 Buttress casing. Cemented to surface with crossover at 1031'.

-1331', 16" 75# K-55 Buttress casing. Cemented to surface.

-2659', 8-5/8" 36# N-80 Buttress casing. Hung at surface. Not cemented. Stabbed into liner hanger at 2659'.

-2834', 11-3/4" 54# K-55 Buttress liner. Cemented with 11-3/4" x 16" Midway liner hanger at 1111'.

-8469', 8-5/8" 36# N-80 Buttress casing perforated from 5273' to 6442', 8-5/8" 32# K-55 Buttress, 3 rows 3" center, 3/4" round holes

-8915' T.D., 10-5/8" open hole

STEAM ENTRIES

15# @ 3715'  
15# @ 5585'  
15# @ 5995'  
10# @ 6145'  
30# @ 6190'

SIDE TRACKS

None

LOST CIRCULATION ZONES

None

REMEDIAL WORK -

4/23/85 - converted to injector.  
Ran 8-5/8" casing strings.

MISCELLANEOUS

RIG: Loffland Brothers Rig 105

SURFACE: 927' North and 3846' West of Southeast Corner of Section 28, T11N, R8W, MDB&M

B.H.: 811' South and 1148' East of surface

9/23/92. Witnessed WI test w/ upto 1,100 gal/Min. No pressure no water upto 500'.  
MAK.

U N I O N

G.D.C. NO. 21 INJECTOR  
Unit 20

GROUND ELEVATION:	2426'	SPUD DATE :	03/21/84	T. M. DEPTH:	8915'
KELLY BUSHING :	30'	COMPLETION DATE:	04/23/84	T. V. DEPTH:	8728'
TOTAL FOOTAGE :	8915'	RIG TEST :	104,000 #/hr, 109 psi, 344°F, 5" orifice	E. T. DEPTH:	8915'