

Location ID: 300-B-166 Field Representative(s): Kaszuba/Kingsley/Cravens  
Morse/Cooper

Northing: 230709.38 Easting: 418573.16

Date Started: 19 February 1987 Date Completed: 9 October 1987

Drilling Method: Mud/Air-foam rotary Drilling Contractor: Larjon

Driller: T. Crawford, J. Gower

Total Depth Borehole: 192.2' Total Depth Well Casing: 181'

Total Depth Surface Casing: 30'

Diameter Well Casing: 4" Diameter Surface Casing: 8"

Length of Bottom Blank: 5.1'

Type of Screen: standard 0.02 slot

Screen Interval: 165.5' to 175.9'

Water First Detected: 160'-190' Water Level Open Borehole: 150.3'(G.L.)

Water Level Cased Borehole: 155.3'

#### Quik-Foam Use:

Estimated Water Use: 1300 gallons used during drilling  
 53% gain to formation  
 698 gallons introduced to formation

#### Well Casing:

4in x 3ft SCD 40 PVC: 2	stock SS centralizers: 3
4in x 5ft SCD 40 PVC:	custom SS centralizers:
4in x 10ft SCD 40 PVC: 13	4"x2' SS locking riser: 1
4in x 20ft SCD 40 PVC:	4" SS locking cap: 1
Total SCD 40 PVC pipe: 136 ft	4" SS female cap: 1
4in x 3ft SCD 5 SS pipe:	
4in x 5ft SCD 5 SS pipe: 1	4in x 5ft SCD 10 SS pipe:
4in x 10ft SCD 5 SS pipe: 3	4in x 10ft SCD 10 SS pipe:
4in x 20ft SCD 5 SS pipe:	4in x 20ft SCD 10 SS pipe:
Total SCD 5 SS pipe: 30 ft	Total SCD 10 SS pipe: 0 ft

Well Completion:

100# bags 16/40 sand: 1.5 bags  
100# bags 10/20 sand: 3 bags  
100# bags 8/14 sand: 4 bags  
100# bags 8/20 sand: bags  
  
94# bags cement: 50 bags  
  
5 gal. buckets bentonite: 1 buckets  
  
50# bentonite powder: 3 bags

Surface Casing:

94# bags cement: 12 bags  
  
50# bags bentonite powder: bags

Pertinent Field Notes:

Previous well names: 300-B, 300-B-150, 300-B-165.5

Mud rotary 0'-30'. Air-foam rotary 30'-TD. Deck compressor air-flow sampled with freon. No water in borehole when recovery allowed at TD = 145' and TD = 160'. Static rose to 150.3' when TD = 190'.

2/26/87 Partial completion (casing, filter pack installed; no bentonite plug).  
3/7/87 Step test and recovery test performed, estimated yield 2.5-3 gpm.  
10/7/87 Redrill.  
10/7/87 to 10/10/87 Recomplete.  
12/3/87 Develop 309 gallons.