

WELL SUMMARY

page 1 of 2Location ID: 300-A-170 Field Representative(s): Hobbs/Contaldo/Selke/CravensNorthing: 230954.59 Easting: 418517.47Date Started: 23 February 1987 Date Completed: 26 March 1987Drilling Method: Mud/Air-foam rotary Drilling Contractor: LarjonDriller: R. Lopez, J. GowerTotal Depth Borehole: 182' Total Depth Well Casing: 180.6'Total Depth Surface Casing: 45'Diameter Well Casing: 4" Diameter Surface Casing: 8"Length of Bottom Blank: 5.1'Type of Screen: standard 0.02 slotScreen Interval: 170' to 175.5'Water First Detected: _____ Water Level Open Borehole: 125'-(G.L.)Water Level Cased Borehole: 128.9'

Quik-Foam Use: 16.5 gallons

Estimated Water Use: 4600 gallons used in drilling
 1346 gallons in pits
 2535 gallons introduced to formation

Well Casing:

4in x 3ft SCD 40 PVC:		stock SS centralizers:	4
4in x 5ft SCD 40 PVC:	1	custom SS centralizers:	
4in x 10ft SCD 40 PVC:	10	4"x2' SS locking riser:	1
4in x 20ft SCD 40 PVC:		4" SS locking cap:	1
Total SCD 40 PVC pipe:	105 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:	6	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:	65 ft	Total SCD 10 SS pipe:	0 ft

Well Completion:

100# bags 16/40 sand:	11	bags
100# bags 10/20 sand:	1	bags
100# bags 8/14 sand:	1	bags
100# bags 8/20 sand:		bags
94# bags cement:		bags
5 gal. buckets bentonite:	2.5	buckets
50# bentonite powder:	3	bags

Surface Casing:

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

Pertinent Field Notes:

Previous well name: 300-A-deep.

Rotary coring on 3 March 1987 with carbide steel core bit unsuccessful at 124'; 1.4' was successfully cored before completely wearing out the bit. Core on 12 March 1987 with diamond core bit, 127.8'-135.8', 100% recovery. Core on 13 March 1987, diamond core bit, 135.8'-150.8', 73% recovery. Core on 16 March 1987, diamond core bit, 150.8'-164.8', 64% recovery. Core on 17 March 1987, diamond core bit, 164.8'-176.5', 20% recovery. Sample both deck filters with freon, 3 March 1987. Install casing, 17 March 1987. Bridge during bentonite plug installation, 18 March 1987. Pull well casing, 20 March 1987. Re-enter borehole, 23 March 1987, drill and clean out to 182'. Geophysical logs by Western Wireline Corp., 25 March 1987. Recomplete well.

- 09/18/89 Surged and bailed well dry (45 gallons) for redevelopment of well. Set airlift pump at 180'. Did not start pump. - Cooper
- 09/19/89 Started airlift pump for further redevelopment. Water milky white at first and remained turbid all day. Pump left running all night. - Cooper
- 09/20/89 Water was clear in the morning and the pump was pulled. - Cooper