

Petrotomics Monitor Well 54-SC

HORIZONTAL COORDINATES

1001744.31 N, 1620151.66 E, NAD 83,

ELEVATION -TOP OF CASING- 2001 MEASURE POINT 7158.78 NAVD 88

GETTY MODIFIED STATE PLANE COORDS.

612999.38 N, 808036.62 E, 7159.47'

5" PVC CASING -INSIDE STEEL WELL PROTECTOR-

TOP OF CASING WHEN DRILLED WAS 7158.8 = 7158.11 NAVD 88

LAND SURFACE WHEN DRILLED 7155.6 = 7154.91 NAVD 88

A LITHOLOGY OF DRILL CUTTINGS
IS INCLUDED BEHIND THIS PAGE

PERFORATED INTERVAL REPORTED
AS 175-215' BELOW LAND SURFACE DATUM

MAY 2001 WATER ELEVATION 6949.36' NAVD88

BOTTOM HOLE ELEVATION 6948.48' NAVD 88

Site History of Well 54-SC

THIS UPPER SAND WELL WAS DRILLED IN JUNE 1986. IT WAS CASED WITH 5" PVC CASING TO A DEPTH OF 211.6'. THE WELL WAS PUMPED AS A RECOVERY WELL FOR MANY YEARS. THE TOP OF THE CASING WAS 7158.8' (GETTY DATUM) IN 1986 WHEN IT WAS COMPLETED. IN 1991 2' FEET WAS CUT OFF OF THE TOP OF THE CASING DUE TO RECLAMATION EARTHWORK IN THE AREA. IN 2000 ADDITIONAL FILL AND TOPSOIL WERE PLACED AROUND THE WELL AND THE STEEL WELL PROTECTOR WAS CONCRETED IN PLACE AROUND THE CASING, WHICH HAD BEEN EXTENDED AGAIN.

TABLE A-7. LITHOLOGIC LOG FOR: 54SC

DATE DRILLED: 6/17/86
ELEV: 7154

DEPTH FT-LSD	DESCRIPTION
0-5	dark, grey clay
5-10	very fine to coarse tan sand
10-25	tan, clayey, fine to coarse sand
25-30	tan to brown clay
31-35	tan clay with 30% fine to coarse sand
35-40	light green clay
40-50	red clay
50-60	purple to red clay
60-65	grey clay
65-70	grey and black carb. clay
70-75	same with 10% coarse sand with pyrite
75-80	grey silty clay
80-90	grey silty clay
90-100	grey to black clay
100-115	dark grey clay
115-125	dark grey to black clay
125-132	very coarse grey sand
132-135	grey silty claystone
135-140	green clay
140-150	grey-green clay
150-155	grey, silty claystone
155-160	grey clay, finer
160-163	grey to carb. clay
163-193	grey coarse sand
193-197	grey calcite siltstone, very hard
197-213	grey fine to coarse sand
213-220	grey clay