

Cove Fort Sulphurdale Unit Well #31-33

DEVIATION SURVEYS

<u>MEASURED DEPTH</u>	<u>DRIFT ANGLE</u>	<u>TRUE VERTICAL DEPTH</u>	<u>MAXIMUM POSSIBLE COURSE DEVIATION</u>	<u>TEMPERATURE MAXIMUM-READING THERMOMETER</u>
140'	0°30'	139.99'	1.22'	---
262'	0°45'	161.99'	2.82'	103°F
445'	1°15'	444.94'	6.81'	108°F
608'	1°45'	607.86'	11.79'	118°F
733'	1°00'	732.85'	13.97'	120°F
899'	1°45'	898.77'	19.04'	139°F
987'	1°00'	986.75'	20.58'	138°F
1080'	1°30'	1079.72'	23.01'	150°F
1332'	5°00'	1330.76'	44.97'	122°F
1400'	4°30'	1398.55'	50.31'	118°F
1587'	4°30'	1584.98'	64.98'	---
1800'	5°45'	1796.91'	86.32'	---
1945'	4°45'	1941.41'	98.33'	133°F
2354'	6°00'	2348.17'	141.08'	138°F
2731'	6°00'	2723.10'	180.49'	---
3250'	8°00'	3237.05'	252.72'	234°F
3625'	9°45'	3606.64'	316.22'	260°F
4090'	10°15'	4064.21'	398.97'	280, 290, 325°F
4440'	13°30'	4404.54'	480.67'	283°F
5035'	13°15'	4983.70'	617.05'	249°F
**5221' T.D.	13°15'	5164.75'	659.68'	---

**No survey was taken at total depth of 5221' so the previous drift angle of 13°15' was used to extrapolate to total depth.

2 MRT on 7/18/78 Temp Log
 3 " " " Dip meters
 3 MRT " 7/19/78 DEL-LL8
 3 " " CNL-FDC

7/18/78 Temp log walk

1/ MRT

Date	Time since inj	Therm. reading	Depth
6/28/78	12 hrs	210°F	2000'
7/10/78	2	294	4700
	5	"	"
	10 1/2	293	"
	18	293	"
7/17/78	19 1/2	249	"
			5035'