

Record of Deviation Surveys

<u>Depth of Survey</u>	<u>Deviation, degrees</u>	<u>Depth of Survey</u>	<u>Deviation, degrees</u>
680	$\frac{1}{2}$	2647	$\frac{1}{2}$
1014	$\frac{1}{2}$	2766	$\frac{1}{2}$
1223	$\frac{1}{2}$	2928	0
1467	$\frac{1}{2}$	3048	0
1680	$\frac{1}{2}$	3200	$\frac{1}{2}$
1892	$\frac{1}{2}$	3412	1
2143	$\frac{1}{2}$	3503	$\frac{3}{4}$
2386	$\frac{1}{2}$	3625	$\frac{1}{2}$
2566	1		

Record of Drill Stem Tests

Drill Stem Test No. 1:

Tested interval 3510-3580. Tool open 1 hour, shut-in $\frac{1}{2}$ hour. Very weak blow on opening tool, continuing throughout test. No gas to surface. Recovered 40 feet of drilling mud, salt content 272,000 ppm. Salt content of drilling mud 280,000 ppm. FBHP-0; SIBHP-0; hydrostatic head-2070 psi. 5/8" btm. choke; 1" top choke.

Drill Stem Test No. 2:

Tested interval 2632-3796. Tool open 5 hours, closed $\frac{1}{2}$ hour. Air blow immediately, strong gas blow in 13 minutes after tool opened. Btm. choke 5/8", top choke 1". Maximum flow rate 460,000 cfd @ tbg. pressure of 30 psi. Recovered 250' of gas-cut mud, salt content 244,000 ppm. Salt content drilling mud 270,000 ppm. IBHFP-165 psi; FBHFP-240 psi; hydrostatic head-2160 psi; SIBHP-1215 psi (max).