DST #3 from 11,524' 11,760' Opened tool @ 4:26 p.m. During 10 min. preflet had weak to fair blow - fair blow during 3 hr. flow period - had GTD 56 min. into final flow - TSTM.

Drill pipe recovery was 1953' drlling fluid & water; Sample chamber recovery was 1.76 cu. ft. gas & 1700 cc form water - pressure, 500 psi.

BOTTOM CHART		
5871		
154-230		
4973		
255-900		
4281		
5871		

IH 10 min. preflow @ 4:36 p.m. 150 min. ISIP, @ 4:36 p.m. 180 min. FFP, @ 7:06 p.m. 450 min. FSIP, @ 10:06 p.m.

FH

Top - 127,000 ppm C1. Middle - 110,000 ppm C1. Bottom - 110,000 ppm C1.' Sample Chamber - 65,000 ppm. C1. Pit sample - 114,000 ppm CL.

## DST #4 from 11,862' to 12,000

Opened tool with very weak blow; Shut in 2-1/2 hrs.; Open on final flow with weak blow, blow increased to fair while mud in Annulus was dropping; Shut in 6 hrs. Sample Chamber recovered 2300 cc water @ 60 psi, reco recoveded .07 @ 99° F, Cl - 107,000 ppm.; Pit Sample recovered .07 @ 89° F, Cl - 115,000 ppm; Has leak in circulating sub, lost DST recovery in drill pipe.

	BOTTOM CHART	TOP CHART
IH	5974	5983
15 min. preflow, @ 9:45 a.m.	184-234	153-228
150 min. ISIP, @ 10;00 a.m.	4393	4350
180 min. FFP, @ 12:30 p.m.	682-1765	655-1774
360 min. FSIP, @ 3:30 p.m.	4729	4689
FH	5974	5983
BHT - 204° F		5705

Note : Circulating sub has washed out & mud dropping in Annulus was due to this leak.

DST #5, 6-1-78; from 11,294' to 11,344'; Drill pipe recovery - 1500' water blanket, 700' drlg. fluid, fre gas in DP; 30 min. preflow, 150 initial Shut in, 2 hr final Flow, no Final Shut in.

DST #6 - failure - no results. Prep to run DST #7.