

DST No. 1 - 3210-3568' (358') Dakota Sd. 3/4" BHC, adj top ck, no wtr blanket. Tool opened at 0745 MDT 10-25-76 w/fair blow increasing to good blow on 1/8" blow hose. No gas to surface and no surface press during 15 min preflow. Closed tool at 0800 MDT for 60 min ISIP.

Reopened tool at 0900 MDT w/no blow on 1/8" blow hose. Weak blow started in 1 min increasing to good blow in 5 mins and strong blow in 10 mins on 1/8" blow hose. Strong blow continued to end of 60 min flow period. No gas to surface. No surface press. Closed tool at 1005 MDT for 180 min FSIP.

Released pkrs at 1305 MDT. Recovered 200' drlg fluid and 1116' mud cut wtr. No oil. No gas. Sample chamber at 3186' contained 2100 cc mud cut wtr at 0 psig and 116 degs F. BHP's as follows:

	Top Chart @ 3188'	Bottom Chart @ 3567'
IMCP	1496#	1654#
15 min IF	157-315#	394-487#
60 min ISIP	785#	905#
60 min FF	367-551#	578-722#
180 min FSIP	785#	932#
FMCP	1470#	1654#
BHT	116 degs F	116 degs F

Fin GIH w/test tools for DST #2 9160-9310' (150') Barker Creek. Pkrs failed. POOH and LD test tools. WIH w/bit. Lost 20 bbls mud while GIH about 20 stds off btm. C&CH 3 hrs. Had 1000 unit incr in BGG w/btms up. POOH. Tight spot at 9170', 40,000# drag. Worked bit through until drag cleared up. Fin POOH and PU test tools for DST #2A 9175-9310' (135') Barker Creek.

DST #2A 9175-9310' (135') Barker Creek, 3/4" BHC adj top ck. No wtr blanket. Tool opened at 0715 MST 11-21-76 w/no blow. No gas to surface and no surface press during 15 min preflow. Closed tool at 7:30 for 60 min ISIP. Reopened tool at 0830 MST w/no blow on 1/8" blow hose. Bypassed tool after 20 mins. Had very weak blow for 10 mins then no blow for remainder of 60 min final flow period. No gas to surface. No surface press. Closed tool at 0930 MST for 180 min FSIP. Released pkrs at 1237 MST. Recovered 283' drlg mud. No oil. No gas. Sample chamber at 9148' contained 1500 cc drlg mud and 185 degs F. BHP's as follows:

	Top Chart @ 9138'	Btm Chart @ 9306'
IMCP	4214	4429
15 min IF	106-128	446-669
60 min ISIP	1322	1380
60 min FF	128-171	446-223
180 min FSIP	1237	1336
FMCP	4214	4385
BHT	185 degs F	185 degs F