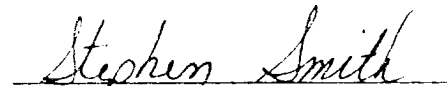


James Ranch Unit #13
Mud Program

<u>From</u>	<u>To</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>% Oil</u>	<u>Water Lp</u>
0	500'±	FW spud mud	8.4-8.8	40-50	0	NC
500'±	3750'±	BW	10	28-30	0	NC
3750'±	7450'±	FW	8.4-8.8	28-30	0	NC
7450'±	10,930'±	*FW	8.4-8.8	28-30	0	NC
10,930'±	12,500'±	BW	10	28-30	0	NC
12,500'±	12,677'±	BW	10-12	28-30	0	NC
12,677'±	12,999'±	BW	10.4	28-30	0	NC
12,999'±	13,400'±	BW	11.5	30-40	0	15cc
13,400'±	TD	BW	11.5	30-40	0	10cc

Make 30-50 bbl sweeps of 30-40 vis, 8.4-8.8 ppg. mud, once a tour or so if hole conditions such as increased drag or torque indicate hole is not cleaning properly.
(keep sweeps to a minimum)


Stephen Smith