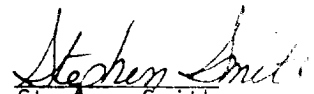


JAMES RANCH UNIT NO. 13

ESTIMATED FORMATION TOPS

	<u>Subsea</u>	<u>Measured Depth</u>
T/Salt	+2,630'	700'
B/Salt	-270'	3,600'
T/Delaware Mountain Group	-540'	3,870'
T/Bone Springs	-4,354'	7,684'
T/Wolfcamp	-7,600'	10,930'
T/Strawn	-9,347'	12,677'
T/Atoka Sand	-9,669'	12,999'
T/Atoka Reef	-9,761'	13,091'
T/Upper Morrow	-10,163'	13,493'
T/Middle Morrow	-10,640'	13,970'
T/Lower Morrow	-11,000'	14,330'

Note: All measurements are TVD.


Stephen Smith