

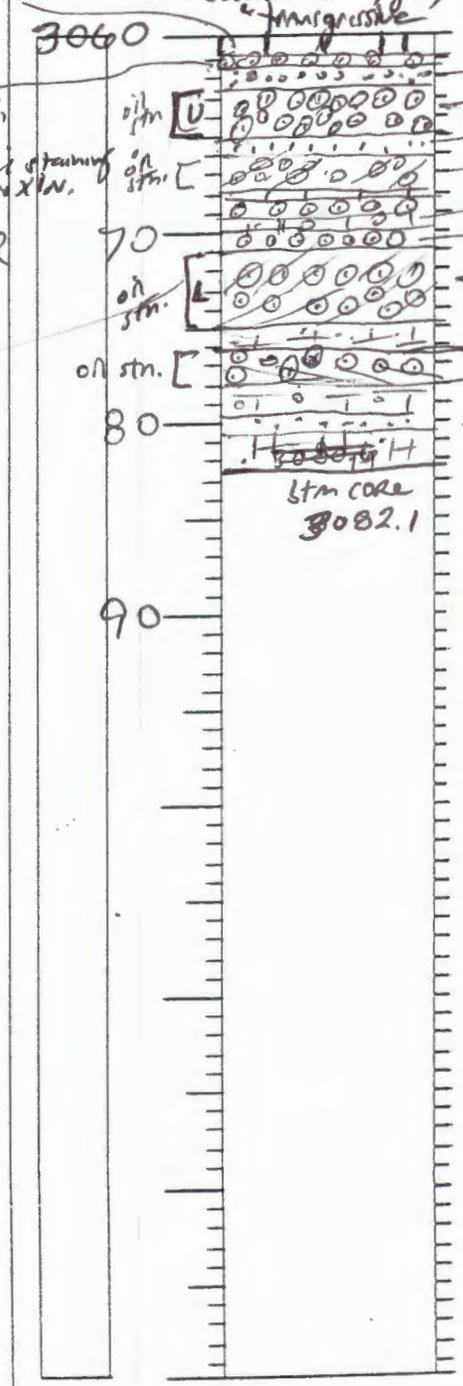
15-159-22479

Operator Leasack Oil Production Inc page 1 of 1  
Lease North River #1 depths \_\_\_\_\_  
Location Sec 34-20s-10w

Structure unconformity = diverse marine, gray ls.

Overpacked  
stromatolite, oolitic,  
no consolidation  
dk brown matrix staining  
on oolids = ~~iron~~ XN.  
"soil" clay,  
oolite reworked  
"minimant"

Upper and  
lower part



overpacked oolite, fine, well sorted bedsets of cm calciferous  
oolitic, fine, well sorted bedsets of cm calciferous  
fine bedsets, 5-18" dip  
comments  
fine oolite, sect.  $\phi$ , br. H<sub>2</sub>O  
oolitic, fr. br. well sorted, bedded 15" dip  
stromatolite, low  $\phi$   
fine oolite, patchy  $\phi$ , no bedding = stromatolite, bioturbation  
intergrade X bedding, coarse, calciferous (cm thick, more  
also coarse fine bedsets  $\phi$   $\approx$  60%  
distributed by burrowing  
low angle X bed, imp. oolitic grain, abundant oolite + vug  
poorly sorted, - mudst. of vugs, poor packing  
partly - grain, oolitic, highly  $\phi$ , patchy  
well sorted, imp. m. gr. low  $\phi$ , 10% dip, cm  
partly below  
partly to fine oolite, bioturbation (bioturbation)  
encrust. crinoids, scat. oolites 15%  
well-sorted, scat. oolite (10-20%) in better  
consolidated stromatolite w/ encrustations, scat. oolite -  
patchy poor P&P

oolitic limestone.  
cross-bedded, stromatolite common, to  
X-bedded oolite with mixed P&P  
concern about lateral continuity

sect. yellow brown matrix & porous  
to non porous, extend to vuggy  
→ may not be as cutting bedsets

→ lower edge of shoal to  $\phi$  thin  
approaching  
bar - maybe crestal area

MS  
WS  
PS  
GS  
DS

poorly sorted  
stromatolite  
zebra  
pattern  
consolidation  
downward bedsets, patches in matrix, and some vugs