

# Oscar State No. 1 - Casin      etails

Surface - set October 21, 1979					
Set @	518.0 ftKB	Liner top		Float collar	
OD	13.375 in	Grade	H40	Stage collar	
ID	12.559 in	Thread	Buttress	ECP	
Weight	48.00 lbs/ft	Joints	12	ECP	
Cement Notes					
Cement Top @ 0.0 ftKB - Cemented with 530 sacks Class "C". Full returns throughout job.					
Intermediate 1 - set November 14, 1979					
Set @	3292.0 ftKB	Liner top		Float collar	
OD	10.750 in	Grade	K55	Stage collar	554.0, 554.0 ftKB
ID	9.694 in, 9.694, 9.694	Thread	ST&C	ECP	
Weight	51.00 lbs/ft, 51.00, 51.00	Joints	14, 45, 19	ECP	
Cement Notes					
Cement Top @ 0.0 ftKB - Cemented with 700 sacks 50-50 Poz followed with 200 sacks Class "C". No returns during job.					
Intermediate 2 - set December 10, 1979					
Set @	11150.0 ftKB	Liner top		Float collar	
OD	7.625 in	Grade	N80	Stage collar	
ID	6.640 in, 6.844, 6.750	Thread	Buttress	ECP	
Weight	33.70 lbs/ft, 26.40, 29.70	Joints	10, 144, 80	ECP	
Cement Notes					
Cement Top @ 0.0 ftKB - Cemented with 200 sacks light weight @ 12.4 ppg followed by 465 sacks Class "H" @ 15.6 ppg. Had full returns throughout job.					
Production - set January 17, 1980					
Set @	14396.0 ftKB	Liner top	10823.0 ftKB	Float collar	
OD	5.000 in	Grade	C95	Stage collar	
ID	4.151 in, 4.151	Thread	N/A	ECP	
Weight	18.00 lbs/ft, 18.00	Joints	81, 9	ECP	
Cement Notes					
Cement Top @ 10823.0 ftKB - Cemented with 455 sacks Class "H" @ 14.8 ppg. Hole bridged off and lost returns. Estimated top outside liner @ 13,515 feet. Squeezed liner top with 250 sacks Class "H" @ 15.6 ppg.					