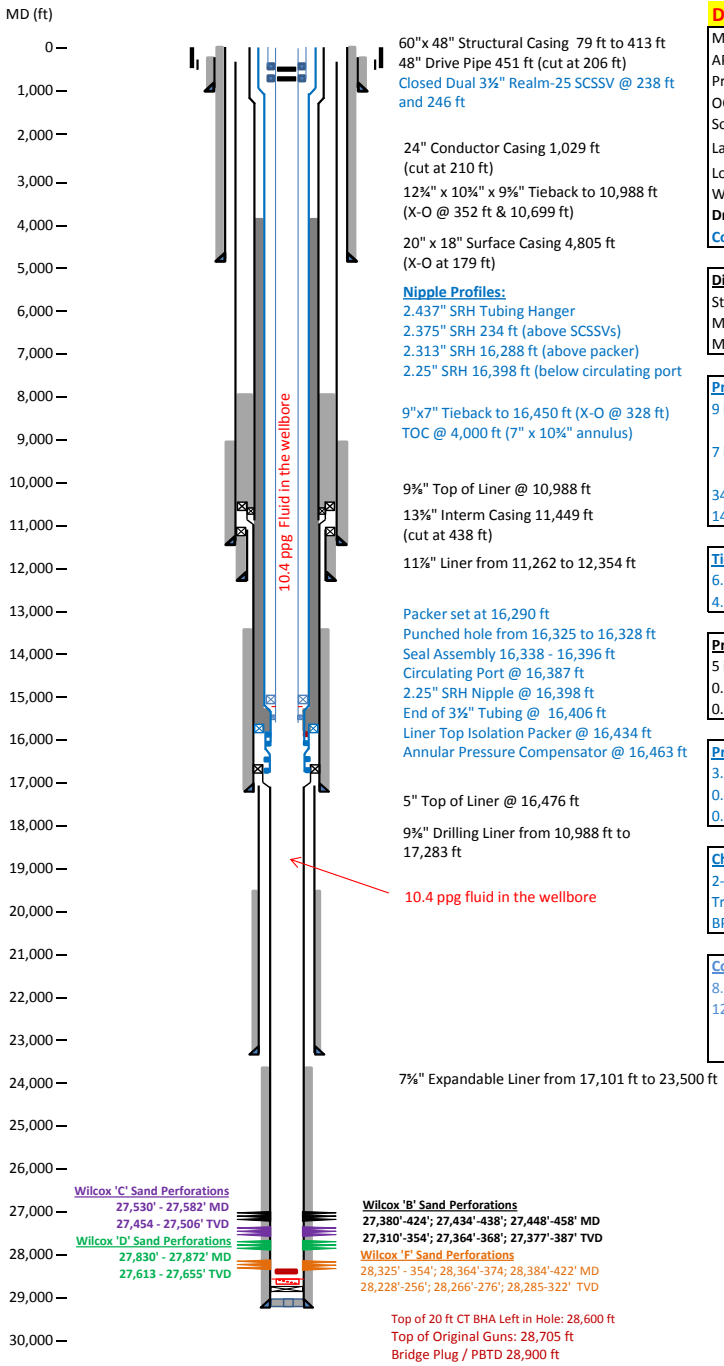

Davy Jones 1

McMoRan Oil & Gas LLC
API #: 17-707-40868-01
Proposed Completion Davy Jones 1
OCS-G 26013 # A1
South Marsh Island Block 230
Latitude: 29° 20' 39.530" N (NAD 27)
Longitude: 92° 03' 13.686" W
Water Depth 19 ft
Drilled: 3/10 Rowan Mississippi (240-C JU); RKB 129'
Completion/ReWorkover: Rowan EXL III Jackup; RKB 129'

Directional Data:
Straight to ~24,600 ft
Max. Inclination 14.1° at 26,100 ft
Max. DLS 10.5° at 23,500 ft

Production Tieback:
9 in. 110.4 ppf 15Cr125 VAM HP to 325 ft
1.35 in. Wall, 6.300 in. ID, 6.175 in. Drift
7 in. 74.4 ppf 15Cr125 JFE LION HW from 325 ft to 16,455 ft
1.200 in. Wall, 4.600 in. ID, 4.475 in. Drift
343 bbl Capacity with no tubing to 16,420 ft
147 bbl Annular Capacity with 3½" tubing to PBR @ 16,349 ft

Tieback Tubing Annulus:
6.3" x 4.6" = 0.0267 BPF; 6.8 bbl Cap. (70 ft to 325 ft)
4.6" x 3.5" = 0.00866 BPF; 139 bbl Cap. (325 ft to 16,349 ft)

Production Liner:
5 in. 34 ppf Q-125 HWST SC70 from 16,476 ft to 29,091 ft
0.75 in. Wall, 3.500 in. ID, 3.375 in. Drift
0.0119 BPF; 149 bbl Capacity from 16,476 ft to 28,900 ft PBTD

Production Tubing:
3.5 in. 15.48 ppf C-22HS (160 ksi) VAM TOP to 16,413 ft
0.43 in. Wall, 2.640 in. ID, 2.515 in. Drift
0.00677 BPF; 111 bbl Capacity to 16,349 ft

Christmas Tree:
2-9/16" 25M (run & wings)
Tree Top Flange: 2-9/16" 30M
BPV Profile: 2.437" SRH

Completion/Packer Fluid:
8.4 ppg Inhibited Fresh Water Packer Fluid
12.0 ppg Sodium Bromide from 28,600 ft to Surface

Well Schematic (Initial)