



# BP OIL SPILL SAGA

## Key Highlights

LEGEND	
*Blowout Preventer	Red Text: Unsuccessful attempts
** Pumping barrels of mud	Grey Text: Neutral outcome
*** Pumping mud & cement	Green Text: Successful attempts
bpd: barrels per day	

PROTAGONISTS	British Petroleum Transocean	Cost Analysts Conservationists	Haliburton	James Cameron Oil work widows	BP's Partners Andarko Misotoko	Associated Press	Shell Green Peace Activists	Conservationists	Senior Scientist, NOAA	Zoological Society of London
BP SHARE VALUE	Falls 2% ↓		Hits 14 year low of 304p ↓		Rises due to intl investors ↑	Falls more than 5% ↓	Rises after +ve Credit Suisse rpt ↑			
INVESTIGATION & PENALTIES	*BP not activated Joint Investigation by Interior & Homeland	Transocean to preserve the rig evidence Spill cost \$15 bn	Blame game in congres hearing, Independent commision set up	BP Fitch Ratings downgraded \$20 <sub>bn</sub> compensation for victims	BP Moody Rating downgraded BP's Partners refuse to pay		Shell insists on suing BP for damages	BP offers to pay Claimants, US govt denying revisit for oil	BP had no spill emergency plan, pulled out of bid to drill arctic	Left off Interbrand's Index first time 11 yrs
PRECAUTION MEASURES	No drilling in new areas, Safety inspections of all deepwater rigs	No fishing in area for 10 days Later extended to late May	No fishing zone doubled to 19% of the gulf waters				Environmental review for all new deepwater oil rig for use of Oil dispersants			
DISASTER EVENTS	Explosion  Subsequent fire on Deepwater drilling rig Sinks in 5K ft 5 mile oil slick	Oil leak starts at 1000 bpd Volume increases to 5000 bpd	Toxic pinky oily seawater washes ashore	Tar balls wash up against shore	Estimated oil leak 20K to 100K bpd Hurricane Alex BP oil cap not active	Oil spill doubled to 40 K bpd	Tropical Storm Bonnie			
TIMELINE	APRIL late	early MAY	late MAY	early JUNE	late JUNE	early JULY	late JULY	early AUGUST	late AUGUST	early SEPTEMBER
IMPACT TO LIVING	11 missing 17 injured	Wildlife	Bird species							Dwarf Seahorses
CONTAINMENT METHODS	1. Remote underwater cameras & vehicles to activate *BP 2. Dispersant and Containment Boom 3. Controlled burns on leaking crude oil	4. Drill relief well 5. Attach valve to cap 1 of 3 leaks 6. Undersea Robots to move containment domes 2 leaks	7. 4 inch tube to draw oil to the surface 8. Approach **Top Kill	9. Places cap over *BP valve	10. Hurricane Alex disrupts clean up efforts 11. Kevin Costner provides oil water separation machine	12. Robots remove leaking cap from well 13. New more tightly fitting containment capon ruptured well head	14. Seepage detected and possible methane gas leak 15. Relief well suspended due to storm	16. Approach ***Static kill 17. Monitor cap for 48 hours 18. Require mud to permanently close it	19. Relief well drilling suspended due to storm	20. Cement plug seals off ruptured well 
GOVT ENTITIES INVOLVED	National Response Coast Guard	Obama Minerals Mgmt S	Dept of Justice Senate	Scientists Obama Administration	Obama Administration	Senate Committee	Senate Committee	Whistleblower group from EPA		