

## MC20 Well Files A1- A28

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- Casing Diagrams
  - All Wells
  - All Intercept Wels
- Directional Survey
  - All Wells
  - All Intercept Wells
- Well Logs
  - Resistivity
    - A-5, A-19 though A-27
    - All Intercept Wells
  - Azimuthal Density
    - A-5, A-19, A-20, A-23, A-24, A-25, A-26, A-27
  - Sonic
    - A-1, A-2, A-3
  - Formation Density
    - A-1, A-2, A-3
  - Gamma Ray
    - A1 through A18, IW-4, IW-16
- Well Files: All Wells and Intervention Wells
  - ADP-Application for Permit to Drill
  - Correspondence-Transmittal
  - Directional Survey
  - End of Operations Report
  - Formation Test Report
  - Pressure Survey
  - Sidewall Core Analysis
  - Sundry Report
  - Well Activity Report
  - Well Completion Report
  - Well Potential Test Report
  - Well Summary Report

## Taylor Energy Website Files

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- Status Reports
  - Sheen Reports: 4 Dec 18 - 13 May 2019
- Media
  - Event Summaries and Announcements
    - 6 Feb. 2019 Gulf of Mexico Oil Spill and Ecosystem Science Conference- Speaker W. Pecue
    - 7 Feb. 2019 Presentations at GoMOSES
      - Application of Physical, Chemical, Biological and Geological onstraints on Petroleum Seepage at MC20

- Insights from the long-term Taylor Energy Response at the Mississippi Canyon Block 20: A Review of Several Decades of Chemical Data
    - Two-decades of in-situ observation guiding MC20 response operations: What we have learned and why it matters
    - Character and Dynamics of Surface Sheens at MC20
  - 7 Nov. 2018 Society of Environmental Toxicology and Chemistry Presented by Reddy
  - OOC General Meeting Presentation
- Press Statements and Posted Articles
  - 10 Apr. 2019- Statement re: dismissal of Court of Federal Claims lawsuit against interior
  - 4 Apr. 2019 Statement- Recent Evidence Suggests Alarming Increase of Estimated Oil on Ocean's Surface Since Arrival of Coast Guard Contractor at MC20 Site
  - 14 Mar. 2019- Taylor Energy Issues Update on MC-20; Raises Concern Over Increased Sheen Volumes
  - 8 Nov. 2018 Article- Environment Group Leader Responds to Washington Post Article
- Document Center
  - Ecological Risk Assessment
    - Intervention and Remediation Options, Risk- 2 Feb. 2019, 19 Jan 2016, 18 Dec 2015
    - Taylor Energy Company CERA Report, 2013
  - General Messages from William Pecue
    - 6 Apr. 2018- Response Options
    - 12 Sept. 2018, Manipulation of Records by CG
    - 12 Sept. 2018, Media Response Process
    - 12 Sept. 2018, Technical Limitations for RP
    - 24 Oct. 2018, Reply to Admin Order 19-001
  - Reports and Research
    - Aerial Observation SOP Signed
    - FRACE Executive Summary
    - Geotechnical Investigation Excavation Project
    - ICS Documents from Planning Cycle
    - Rum-Punch Analysis Drs Camilli and Reddy
    - Sheen Source Location Work Group Charter & Project Plan
    - Site Conditions and Market Research Questions
    - SSLWG Final Report- Including Individual Scientific Reports
    - SSLWG Report Correction
    - USCG Summary of Scientific Studies
  - Taylor Energy Presentations
    - Assessment of Environmental Rise
    - Assets Sale and Trust
    - Conductors and Wells

- Containment System Administrative Order
- Current Sheen- 20 Dec 2015
- FRACE and Effect of Tubular Deflections
- GOMOSES Presentation- Chemical Heterogeneity and Intervention Wells
- GOMOSES Presentation- Sheen Size Data and Well Conditions
- GOMOSES Presentation- Timeline, Production, Constraints
- GOMRI- Character and Dynamics of Surface Sheen
- Location and Profile or Well Images
- MC20 Containment System Images
- Sediment and Water Sampling Images
- Platform Images
- MC20 Lessons Learned
- Sheen Source- Subsea Acoustical, Water Column, and Soils Analysis
- Supplemental Tech. Analysis
- Surface Sheen and Samples
- Well Model, Status, Targets, and Uncertainty
- United States Coast Guard Documents
  - Administrative Order 006-08
  - Administrative Order 12-001 Signed by W. Pecue
  - Administrative Order 19-001
  - Decision Memo
  - Notice of Federalization
  - Record Index
  - Response to TEC from 24 Oct 2018- 25 Oct 2018
  - Request to Present Containment Option
  - Response to TEC Aug 2018 Indemnification
  - Response to TEC from 6 Apr 2018-11 Apr 2018

## FRACE Report

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- Presentations: 25 Mar 2014- 26 Mar 2014
  - Beatty Wozniack- TEC Legal Intro
  - Boots & Coots- Don Shackelford
  - Environmental Research Consulting-Dagmar Etkin
    - ERC- Discharge Scenario Risk- 25 Mar 2014
    - ERC- Cost Analysis- 26 Mar 2014
  - Navistry- R. Camilli, C. Reddy
  - Platt Sparks- Brian Windham
    - March 2014 Backup
    - Orifice Flow March 2014
    - Reservoir Assessment March 2014
  - Taylor Energy- W. Pecue
    - Sand Strength Analysis in Mississippi Canyon 20- 13 Mar 2014
    - Sand Strength Analysis in Mississippi Canyon Executive Summary
    - External Corrosion Report

- Test Report Pipe Restriction Due to Bending
  - Taylor Energy Well Review Process- N. Duplantis
    - UC Presentation Well Risk
- Participants
  - Sign-In Sheet: 25 Mar. 2014- 26 Mar. 2014
- FRACE and Cost Estimate
  - Images
    - Visual of IW Wells- Illustration MC 20 Wells
    - Chart of Well Intervention Challenges- Illustration IW Well Visual
    - Figure 94, Page 348 from Stuart Wright Report- Post Intervention 2012.02.17 Summary of Risk Assessment
    - TEC MC21 Wellbore Schematic
    - 2010 C&C Side Scan Report/Drawing
    - Circle Overlays for Debris Collection Sonar
    - Fugro Side Scan Sonar Aug. 2012 Sampling and Analysis
    - Isotech Gas Plot
    - Fugro Conductor Positions vs C Dome
    - Fugro Side Scan Plot with Shading at Well Bay Aug. 2013- SubBottom Profile
    - Dome Modification Drawings- 2013.12.12 Keystone Subsea Containment Dome
    - Keystone Containment System Modifications- Dome Concept Revision 1
    - Keystone Containment System Modifications- Dome Concept Revision 2
  - Data Sheets
    - TEC Sustained Casing Pressures Prior to MC20 Platform Failure- Wellheads Conditions and Pressures
    - Risk of Intervention Matrix
    - Taylor Energy Intervention Well Summary Spreadsheet
    - TEC MC21 A-21 IADC Rig Report
    - SSSV Differentials and Pressure Ratings Table
    - SCSSV Data Sheet
    - Taylor Wellhead and Conditions Report
    - Platt Sparks Water Zone Exposure to Oil Exposure
    - MC20 C&H Nodal Export- Platt Sparks Orifice Flow Nodal Export
    - MC20 all C&H Nodal Export- Well Risk 2014.03.12 Platt Sparks Orifice Flow Cement Bonding
    - MC20 Water Sand Orifice Export- Well Risk 2014.03.12 Platt Sparks A-1 Water MC20 Water Sand Orifice Export
    - Pump-Off Volume Record
  - Reports
    - 2005.03 Fugro Conductor Probing Report- Well Bay Excavation Summary/Update
    - Fugro Executive Summary 2005-2007 Summary of Seafloor Stability Analysis
    - Dr Robert and Dr Bea 2008.03 Due Dilligence Report- Stability Analysis of Excavation on Submarine Apron
    - Trust Agreement- IW Well Concept TEC MMS Trust Agreement
    - 2008 Boots and Coots Conceptual Design

- Approval or Alternate Procedures or Departures for Intervention Well Concept- Environmental Assessment for Alternate Procedures
  - Theoretical Background Section of W. Cobb Reservoir Study and Flow Assessment
  - Reservoir Study and Flow Assessment- Well Risk 2008.05
  - Kelkar Study- Reservoir Study and Flow Assessment of Mississippi Canyon Block 20
  - Boots & Coots Operation Risk Analysis- Taylor Energy HAZID
  - Platt Sparks Petroleum Engineering Study and Flow Assessment
  - Dr. Amir Pakneid and Don Shackelford “Analysis of Influx through GLMS”
  - Boots and Coots Analysis of Seawater Leakage and Solids Build-Up
  - Boots and Coots Plug Integrity Analysis
  - Section 2.3-4 of TEC 2010 Response for Departure- Well Departure Request 2010.03.24
  - TEC Request for Departure- Departure Request & P& A Recommendations for Mississippi Canyon 20-A Wells
  - Waldamar Nelson Report- Post Intervention 2008.04 (Environmental Conditions)
  - Post Intervention 2009.09.10- Site-Specific Environmental Assessment
  - Stuart Wright Report Independent Risk Assessment Services on MC20
  - Assessment of Potential Remaining Hydrocarbon Bearing Formations- Platt Sparks Jan, 2012
  - Unified Command Well Review Material on all MC20 Wells
  - Stress Engineering 3.2014 Study on MC20 Well Casing Corrosion
  - MC20 Orifice Flow Study
  - Lee Almasy- BSEE “Estimates of Oil Rate Seepage from Corrosion Hole Opposite Oil Reservoir”
  - MC20 Full Platt Sparks Report- Well Risk 2014.03.15 Platt Sparks Orifice Flow Study
  - Dr. Etkin Report Section on Probability of Multiple Flow Events vs. Time- Analysis of Discharge Scenario Risks from Offshore Wells
  - Schlumberger Sand Strength Final Report on MC20 Sands
  - Boots and Coots Consideration for Sediment Plugging and Risk of Re-Entering Plugged Wells Report
  - Stress Engineering Report on Deflections- Test Program to Illustrate Pipe Restriction Due to Bending
  - Site Specific Environmental Assessment for Containment System
  - Containment Installation Procedure 4-15-09
  - Oceaneering Project Design Specs
  - USCG Marine Safety Lab Report- Soil Sheen Sampling Part 1
  - USCG Marine Safety Lab Report- Soil Sheen Sampling Part 2
  - Weatherford Report on Separator Sizing 2014.02.14
  - Dr. Etkins Final Report- Containment ERC Taylor Energy Preliminary Cost Analysis
  - Final Conclusion 2013.08 Ecological Risk Assessment
- Letters

- April 30 2008 MMS Departure Letter to TEC- IW Concept MMS Grants Alternative Method to P & A Wells
- MMS and TEC Understanding on Appeal & Request for Departure
- TEC Motion to Dismiss Appeal
- TEC's Withdrawal of Departure Request 3/28/2012
- Schlumberger Report on Probability of Success for Shallow IW Targeting
- MMS Authorization to use Velocity Chokes in Place of SCSSV's A-16
- MMS Authorization to use Velocity Chokes in Place of SCSSV's A-4
- Containment Administrative Order Number 006-008 USCG
- Containment TEC Response to USCG Administrative Order 006-008
- Containment TEC Supplemental Response #1 to USCG Administrative Order 006-008
- Containment TEC Supplemental Response #2 to USCG Administrative Order 006-008
- Administrative Order 12-001 USCG
- 2012.09.01 TEC Response to Administrative Order 12-001
- Amendment of Administrative Order 12-001 (USCG)
- 2013.01.09 TEC Response to Administrative Order 12-001
- TEC Response 8-14-13-USCG Administrative Order 12-001, TEC Status Update delivered 8.29.13
- TEC Update to USCG L. Hannah Re: Design Issues- Containment 2014.01.07 Containment System Modifications with Stress Engineering Comments
- Stress Engineering Proposal to TEC Re: Containment
- USCG Charter for Cost Estimate
- Letter for T & T 11/12/13- Marine Containment System Spill Response
- Presentations
  - Schlumberger MC20 Sand Strength Analysis Presentation
  - As-Built Containment System PowerPoint Summary Oceanengineering
  - Dr Chris Reddy's Presentation on Soil Boring Forensic Analysis
  - USCG Presentation Linking Sheen Samples to C Dome Soils
- Video, Checklists, Costs
  - Taylor MC20 Video Supporting Departure Request (PAGE 47 VIDEO)
  - Pollution Dome Discussion
  - Containment 2009.03.12 SIT Checklist
  - Samney Fabrication Bid 2013.12.12
  - WCD Statute in CFR
  - TEC Response Cost Model and Assumptions 1.5 (PAGE90)
  - TEC Response Cost Model and Assumptions 3.8
  - Unified Command Incident Action Plan Chronology

## **Intercept Wells Data**

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- Weekly Activity Report and EOR for all Intercept Wells
- Intercept Well Data Tables
- All Wells Casing Diagrams

- Well Review 2011- TEC Summary of Intervention Results
- PP-FG plots
- Injection pressures, volumes pumped (data incomplete)