

November 28, 1967

LIST OF TECHNICAL MEMORANDA
ISSUED AT
SOCOMY MOBIL OIL COMPANY, INC.

- 65-1 Operator Training, System Shakedown and Demonstration Runs - Gas Combustion Retort No. 1 - January 11, 1965
- 65-2 Demonstration of High-Yield-Retorting at 500 Lbs/(Hr) (Ft²) Shale Rate - March 4, 1965 (Retort No. 1, 1/4-3/4)
- 65-3 Material and Heat Balances for Pilot Retorts - April 1, 1965
- 65-4 Basic Flow Characteristics of Raw and Spent Oil Shale - July 9, 1965
- 65-5 Analytical Laboratory Methods - July 21, 1965
- 66-1 Test of Joy Manufacturing Co. Rotary Percussion Drill in Anvil Points Mine - January 17, 1966
- 66-2 Demonstration of Yield and Operability Retorting 3/4-1 1/2 inch Oil Shale at 500 Lbs/(hr) (Ft²) in Retort No. 2 - March 21, 1966
- 66-3 Review of Gas Distributors, Mist Recovery Systems and Retort Designs Used During Stage 1 with the Gas Combustion Process - May 25, 1966
- 66-4 Shale Richness Study - Retort No. 1 - July 15, 1966
- 66-5 Preliminary Cost Study on Underground Mining of Oil Shale by the Room and Pillar Method - September 2, 1966
- 66-6 Studies of Behavior of Mist in Gas Combustion Retorting Process - October 7, 1966 - Commentary on Technical Film 66-1
- 66-7 The 1/12th Scale Model of Retort No. 3 - Commentary on Technical Film 66-2 - October 28, 1966
- 66-8 The Development of a Riser-Type Air Distributor for Large Shale in Retort No. 2 - Commentary on Technical Film 66-3 - October 31, 1966
- 67-1 Retort No. 3 Recycle Blower Overhaul December 10-23, 1966 - January 5, 1967
- 67-2 Roof Fall in Adit No. 5, December 24-25, 1966 - January 10, 1967
- 67-3 Economic Optimum Operating Conditions for the Gas-Combustion Retort - January 27, 1967
- 67-4 Measurement of C₃+ Content of Offgas From the Gas-Combustion Retort and Potential Methods of Recovery - February 3, 1967

List of Technical Memoranda

- 67-5 Cost Study on the Production of 84,000 T/D of Crushed Shale From Gyratory-Cone Crushing Plants - February 8, 1967
- 67-6 Mechanical Model Studies of the Introduction and Distribution of Gas in a Bed of Oil Shale (Including Commentary on Technical Film 66-4) - February 8, 1967
- 67-7 Demonstration Runs in Retort No. 2 With 1 to 2 1/2 Inch, 1/4 to 1 Inch, and 1/4 to 2 1/2 Inch Shale - March 28, 1967
- 67-8 Bench Scale Studies on Retorting, Oil Recovery and Flow of Heated Shale - April 13, 1967
- 67-9 Heat and Material Balance Computer Program - August 4, 1967
- 67-10 Review of Gas Distributors, Mist Recovery Systems and Retort Designs Used During Stage I and Stage II With the Gas Combustion Process (Through August 3, 1967) - August 11, 1967
- 67-11 Performance of Retort No. 3 While Charging 1/4 to 2 1/2 Inch Shale - September 5, 1967
- 67-12 Performance of Retort No. 3 While Charging 1/4 to 1 Inch Shale February 15 to July 17, 1967 - September 14, 1967
- 67-13 Evaluation and Modification of Shale Sampling Systems on Retort 3 - September 15, 1967
- 67-14 The Use of Screw Feeders and Screw Conveyors to Handle Spent Shale - Retort No. 3 - September 15, 1967
- 67-15 Electrostatic Precipitator - Retort No. 3 - September 15, 1967
- 67-16 Performance of Retort No. 3 While Charging 1 to 2 1/2 Inch Shale (Including Transition to Wider Size Ranges)- September 22, 1967
- 67-17 High Face Rotary Drill Jumbo - September 27, 1967
- 67-18 Effect of Air Distributor Design in Retort No. 2 - September 28, 1967
- 67-19 Drilling and Blasting Development Work - (Heading Operation) - October 5, 1967
- 67-20 Summary of Activities of Retort Operability Task Force - November 30, 1967

List of Technical Memoranda.

- 67-21 Evaluation of Oil-Water Separation Techniques on Retort No. 3 - September 28, 1967
- 67-22 Down Hole Rotary Drill - September 29, 1967
- 67-23 Aerial Platform and Roof Bolter - September 29, 1967
- 67-24 Allis-Chalmers - Double Roll Tooth Crusher Hardfacing Study - September 29, 1967
- 67-25 An Analysis of the Effects of Process Variables During Operation of the Gas-Combustion Retort - October 19, 1967
- 67-26 Time Studies of Mining Operations - October 24, 1967
- 67-27 Primary Crusher Test with a Tooth Type Single Roll Crusher - October 5, 1967
- 67-28 Basis for Economic Evaluation of a Mining - Crushing - Retorting Complex Used for Oil Shale Processing - October 9, 1967
- 67-29 Corrosion-Erosion Program - October 9, 1967
- 67-30 Segregation of Oil Shale Particles in a Flowing System - October 23, 1967
- 67-31 Loadings Imposed on Horizontal Retort Internals - October 13, 1967
- 67-32 Use of Corrective Inserts to Improve Characteristics of 100 Ton Shale Storage Bins - October 13, 1967
- 67-33 Design of Air and Gas Distributors - Retort No. 3 - October 16, 1967
- 67-34 Calming Height Requirements for Oil Shale Particles - October 20, 1967
- 67-35 Crushing Cost Studies - November 8, 1967
- 67-36 Rehabilitation of Retort No. 3 Engineering, Construction and Costs - October 20, 1967
- 67-37 Analytical Laboratory Methods (Final Revision) - October 19, 1967
- 67-38 Cost Study on Underground Mining of Oil Shale by the Room and Pillar Method Based Upon Research Carried Out During Stage II - October 31, 1967
- 67-39 Retorting Costs for a 50,000 B/CD Oil Shale Processing Complex - October 30, 1967

List of Technical Memoranda

- 67-40 Rock Mechanics Research - November 22, 1967
- 67-41 Index to Anvil Points Oil Shale Research Center Files
November 22, 1967
- 67-42 Evaluation of the Performance of Rear Dump Trucks for Oil Shale Mining
and Hauling - November 27, 1967
- 67-43 Evaluation of Performance of Shale Loading Equipment for
Oil Shale Mining - December 15, 1967