





















TABLE OF CONTENTS

Paper Title

SIMULATING THE LONG TERM SHUT IN OF THE BALAT AA RESERVOIR, DR. MABRUK A. BENREWIN,

PERFORMANCE EVALUATION OF A RESERVOIR UNDER EOR RECOVERY INTISAR 'D' REEF, MOHAMED

MODELING OF WATER INFLUX FOR BAHI PL-7 LIMESTONE RESERVOIR, SHABAN.A.EL USTA, ABD

APPLICATION OF A NEW NUMERICAL SIMULATION MODEL FOR POTENTIAL PRODUCTIVITY ENHANCEMENT FROM A LOW PERMEABILITY LAYER THAT WAS CHARACTERIZED BY MULTIPLE

TECHNIQUES IN A GULF OF SUEZ, YOSRA ABUGREN, SAMEER JOSHI, ENAS THABET, MARIE VAN

A HYBRID GENETIC ALGORITHM TO INTERPOLATE AND PREDICT AVERAGE RESERVOIR

CASE STUDY A DECISION MAKING TOOLS TO ASSIST IN CHOOSING BETWEEN FOR AND INFILL WELL

DRILLING, GAMAL ALUSTA, ERIC MACKAY, JULIAN FENNEMA (HERIOT-WATT UNIVERSITY) AND IAN

ASSESSMENT OF A GOUGE, A DENT OR A DENT PLUS A GOUGE IN A PIPELINE USING LIMIT ANALYSIS

CONSEQUENCES OF ABSENCE OF EFFECTIVE SAFETY SYSTEM TO COUP WITH EMERGENCIES AND

ABNORMAL OPERATIONS. LESSONS LEARNED, HUSSEIN SALEM ALBASHIK, IBRAHIEM FANNOUSH

ORGANIC GEOCHEMICAL INVESTIGATION OF THE TANEZZUFT FORMATION, MURZUQ BASIN, S.W.

DETERMINATION OF RESERVOIR CHARACTERISTICS BASED ON THE GEOMECHANICAL WELL DATA,

MINERALOGICAL AND GEOCHEMICAL INVISTIGATION OF THE UPPER NEOGEN SAHABI CLAYS IN AS

SAHABI AREA NORTHREN EAST SIRTE BASIN, SAAD K. EL EBAIDI.1, BELKASIM K. KHAMEISS & AHMED

SEDIMENTOLOGICAL AND FORAMINIFERAL EXAMINATIONS OF KALASH FORMATION, AHMED M.

PRESSUREWITH A LIMITED DATA SET, SABER ELMABROUKA AND EZEDDIN SHIRIFB, LIBYA

ARRZAQ A. SOLYMAN, OSAMA A. ABUGELA, WALID M. ABD ALAZEZE, LIBYA

OR NOTCH FRACTURE MECHANICS, PROF. GUY PLUVINAGE, FRANCE

PIPELINE MATERIALS & INTEGRITY ASSURANCE, SAGAR IBRAHIM, LIBYA

IN EAST SIRTE BASIN, ENG. FARAJ M .ALJABRI AND DR. GHIATH K. BESHISH, LIBYA

Page

-1-

-11-

-19-

-29--41--56-

-65-

-79-

-83-

-100-

-111-

-121-

-128-

-142-

-152-

-157-

-166-

-180-

-191-

-199-

MPC-10-01	ALI MAHMOOD KARWI, EMAN MOHAMMED ABDULLAH, USA.	
MPC-10-02	DECISION SUPPORTED PATTERN IDENTIFICATION FOR FRACTURED RESERVOIRS RELATED CONDUITS, ADEL EL FOULY, USA.	
MPC-10-03	FACTORS EFFECTING BOTTO HOLE FLOWING PRESSURE IN GAS WELLS, DR. BIZANTI*, MOHAMED, ADSANI* EBRAHIM, KUWAIT.	EX
MPC-10-04	ELECTRIC PROPERTIES AND ITS EFFECT ON MICROPOROSITY ROCKS, HASSAN SBIGA, LIBYA	
MPC-10-05	RECENT ADVANCES IN MIROBIAL ENHANCED WATER FLOODING, ABDULRAZAG Y. ZEKRI, UAE	1 25
MPC-10-06	MODELING PETROLEUM RESERVOIRS WITH NUMERICAL EMULATORS, PROF. R. ISLAM,CANADA	
MPC-10-07	A COMPARSION BETWEEN CAPILLARY AND ELECTRICAL PROPERTIES OF ROCK SAMPLES OBTAINED AT AMBIENT CONDITIONS AND RESERVOIR, SAMI M. ABOUJAFAR AND MOHAMED AMARA, LIBYA	
		-

N DETROI FUNA FOR INANCING

ZIENAB.M.ALMABRUK, MUNA.M.TAYEB, LIBYA

M. GHARSALLA, LIBYA

STEENE, LIBYA

COLLINS, UK

&SALEH EZRIDEE, LIBYA

M. MUFTAH, LIBYA

LIBYA, T.A. HODAIRI AND R.P. PHILP, USA

MUFTAH1 AND ABUESSOUD H.MOHAMED, LIBYA

Paper Code

MPC-10-08

MPC-10-09

MPC-10-10

MPC-10-11

MPC-10-12

MPC-10-13

MPC-10-14

MPC-10-15

MPC-10-16

MPC-10-17

MPC-10-18

MPC-10-19

MPC-10-20

THE RESERVE OF THE PERSON NAMED IN		
MPC-10-21	3D SEISMIC INTERPREATION OF THE MEASSINIAN SEQUENCE, OFFSHORE SIRT BASIN NORTHERN LIBYA, AWAD A. BILAL, LIBYA	-208-
MPC-10-22	EFFECTS OF OIL EXTRACTION (DEPLETION) ON FRACTURE GEOMETRY BEHAVIORS IN OIL RESERVIORS SOUTH EAST SIRT BASIN, ZINAB E.M. ISSA, GHAITH K BESHISH AND MOHAMED S. NASR, LIBYA	-214-
MPC-10-23	COOL THE EARTH, REVERSE GLOBAL WARMING, AND RESTORE THE NATURAL CLIMATE OF 1750, MUFTAH MUHAMMED ELARBASH, LIBYA	-224-
MPC-10-24	OIL SPILL AND GAS LEAK RISK ASSESSMENT, MUFTAH MUHAMMED ELARBASH, LIBYA	-247-
MPC10-25	SUSTAINABLE PETROLEUM DEVELOPMENT KEY TO REVERSAL OF GLOBAL WARMING, M.R. ISLAM, CANADA	-280-
MPC-10-26	STANDARDIZATION VS INDIVIDUAL SOLUTIONS IN UPSTREAM FACILITIES, SIEGFRIED GUGU CHANDRASEKHAR RAMAKRISHNAN, CORINA ZARNESCU, AUSTRIA	-290-
MPC-10-27	EXPLORATION OF THE CORROSION FATIGUE OF STEEL IN THE GIGACYCLE REGIME FOR OIL INDUSTRY, CLAUDE BATHIAS, FRANCE	-295-
MPC-10-28	CORROSION FAILURE 9010 CUPRONICKEL TUBES IN A DESALINATION PLANT, O. ELRAGEIA, F. ELSHAWESHA*, HOSNI M. EZUBERB, LIBYA	-311-
MPC-10-29	ASSETS INTEGRITY MANAGEMENT IN OIL & GAS PRODUCTION FACILITIES THROUGH COROSSION MITIGATION AND INSPECTION STRATEGY, DR. IFTIKHAR AHMAD, LIBYA	-320-
MPC-10-30	CORROSION FAILURE ANALYSIS OF BOILER BLOW DOWN BURIED STEEL TANKS, DR. MOHAMED AHMED KHALIL, LIBYA	-332-
MPC-10-31	CORROSION STUDY OF API 5L –X52 PIPELINES STEELS IN SIMULATED SOIL SOLUTION, A. BENDJEBBOUR AND A.BENMOUSSAT, ALGERIA	-343-
MPC-10-32	CORROSION CONTROL OF STEEL UNDER CONTROLLED CONDITIONS OF HEAT AND MASS TRANSFER, ABDULGHANI A. JARALLA, NEW-ZEALAND, MUHANNAD M. AL-DARBI, CANADA	-353-
MPC-10-33	PROTECTION OF REINFORCED STEEL USING INNOVATIVE CORROSION INHIBITORS, ABDULGHANI A. JARALLA, NEW-ZEALAND, MUHANNAD M. AL-DARBI, CANADA	-362-
MPC-10-34	GUIDANCE ON HANDLING AND DISPOSAL OF BLACK POWDER HAZARDOUS WASTE, ABDELMOUNAM M. SHERIK, SAUDIA ARABIA	-371-
MPC-10-35	EXPERIMENTAL GASIFICATION OF POLYETHYLENE USING BATCH AUTOCLAVE REACTOR, MONDER, WAHID ZEMZAM, RABIA BELHAJ, ABDELATI ELALEM WESAM, LIBYA	-378-
MPC-10-36	FAILURE ANALYSIS OF THE HCL COLUMN INTERCOOLER. M-EA 507, ENG . MOHSEN ZAHER, EGYPT	-384-
MPC-10-37	PRACTICAL APPROACH TO DETERMINE THE MULTIPHASE FLOW PRESSURE TRAVERSE GRADIENT CURVES FOR AN OIL FIELD, MOHAMED S. NASR, AMER M. ABORIG, LIBYA	-393-
MPC-10-38	FLOW ASSURANCE AND MONITORING OF TUBULARS WITH ENVIRONMENT-FRIENDLY PRODUCTS, PROF. M. R. ISLAM, CANADA	-402-
MPC-10-39	THE ROLE OF MORE OCEANOGRAPHY ENGINEERING STUDIES FOR THE LIBYAN COAST IN THE OIL EXPLORATIONS, INDUSTRY AND EXPORT DEVELOPMENT, FATHI ESEHIRI, LIBYA	-412-
MPC-10-40	NEW TECHNOLOGY AND AN INNOVATIVE APPROACH PROVED TO BE KEY FOR SUCCESSFUL, JOSE JIMENEZ, AYMAN RASHAD, YOSRA ABUGREN, OMAR METWALLY, MESHARY AL AYED, MARIA VAZQUEZ, EGYPT	-422-
MPC-10-40	JIMENEZ, AYMAN RASHAD, YOSRA ABUGREN, OMAR METWALLY, MESHARY AL AYED, MARIA	

MPC-10-41	TECHNICAL & ECONOMICAL COMPARISON BETWEEN INSTALLATION OF MULTI PHASE TEST SEPARATOR OR MULTIPHASE FLOW METERS ON GAS WELLS INSTALLATION, AHMED M. LTAYEF, LIBYA	-430-
MPC-10-42	ASSESSMENT METHODOLOGIES FOR GIRTH WELD DEFECTS IN PIPELINES, W.R. TYSON, CANADA	-438-
MPC-10-43	OPTIMIZATION OF CORROSION CHARACTERISTICS AND MECHANICAL PROPERTIES IN ADVANCED NICKEL-BASED ALLOYS FOR SEVERE OIL & GAS SERVICES, DR. AZIZ I. ASPHAHANI, USA	-448-
MPC-10-44	MORPHOLOGY AND PLEASE COMPOSITION OF COBALT-CHROMIUM ALLOYS SULPHIDATION WITH H2-H2S GAS MIXTURES AT THERMODYNAMIC STABILITY CONDITION OF COBALT SULPHIDE CO9S8, MUFTAH.M.ZAELIK, LIBYA	-469-
MPC-10-45	FACTORS THAT AFFECT STRESS CORROSION CRACKING (SCC) AND HYDROGEN-INDUCED CRACKING (HIC), MIMOUN ELBOUJDAINI AND WINSTON REVIE, CANADA	-478-
MPC-10-46	FAILURE OF INSULATED 304 AUSTENITIC STAINLESS STEEL PIPE, FARAJ HAMMAD OMER, LIBYA	-493-
MPC-10-47	BLACK POWDER IN SALES GAS TRANSMISSION PIPELINES, ABDELMOUNAM M. SHERIK, SAUDIA ARABIA	-501-
MPC-10-48	A STUDY OF EFFECT OF EROSION-CORROSION ON CARBON STEEL IN OIL-WATER SLURRIES AS A FUNCTION OF IMPACT ANGLE AND POTENTIAL, G. H. ABDULRAHMAN ,M. M. STACK AND H. MANSOUR, LIBYA	-512-