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WANG Yu-xia,HUANG Dao-jun,ZHOU Li-fa,YAN Xiao-xiong,GUO Jing-zhe,PEI Wen-chao

**94. GEOCHEMICAL CHARACTERISTICS AND EVALUATION CRITERIA OF HIGH-EFFICIENCY AND HIGH-QUALITY SOURCE ROCKS IN BEIER DEPRESSION**

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**95. APPLICATION OF BALANCED SECTION TECHNOLOGY IN THE LOWER SALT LAYER OF KELASU STRUCTURAL BELT**

(IFEDC202212973)

ZHOU Chen-guang,WANG Yun-chao,ZHANG Fe-ifei,LIANG Yu-xin,JIAO Xiang,LIU Yu et al.

**96. OIL AND GAS GEOLOGICAL CHARACTERISTICS AND EXPLORATION  
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WANG Su-hua, JI Zhi-feng, JIANG Ren, MO Wu-ling, WANG Zhen

**97. CHARACTERISTICS OF FRACTURE DEVELOPMENT AND TECTONIC GENESIS IN  
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GAO Neng-xue, TAN Cheng-qian, WANG Yun-chao, GONG Xin, YU Lu et al.

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BIAN Long, CHENG Zhi-guo, HE Lu-ming, CHEN Yong, WANG Xiao-tao

**99. THE HYDROCARBON ACCUMULATION CONDITIONS OF IN  
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ZHAO Shu-e, WANG Zheng-jun, MA Qian, MENG Ling-jian, FU Jiang

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WANG Yan-qi, WEI Guo-qi, ZHANG Guang-ya, CHEN Zhu-xin, LIU Ai-xiang, HUANG Tong-fei

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DU Ya-feng, WEI Jin-yang, LIU Chao, HU Wei-wei

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ZOU Yang, YANG Xiao-fa, ZHU Tao, LI Na, HUANG Li-liang, HE Wen-jun et al.

**104. CHARACTERISTICS AND EVOLUTION OF MIOCENE GRAVITY-FLOW  
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Chen Hua, Deng Bing-wen, Wu Gao-kui, Yang Pei-guan, Kang Jing-cheng

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TIAN Wei-xiu, CHEN Shang-hong, ZHOU Lian-wu, DONG Xiao-wei, MA Shui-ping, et al.

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HUO Qiu-li, FU Li, ZENG Hua-sen, WANG Yu-sheng

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CHEN Xiang-jun, JIA Ai-lin, MU Lang-feng, LV peng

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HU Ying, WANG Li, ZHANG Xin-shun, DU Yebo, YUAN Zhi-yun, ZOU Quan

**111. MAIN CONTROLLING FACTORS AND FAVORABLE AREAS FOR STRUCTURAL-LITHOLOGIC TRAP ACCUMULATION IN BLOCK TW, EASTERN ORIENTE BASIN**

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MA Zhong-zhe, ZHUO Yu-bing, XU Xiang-lin, FENG Tao-ran

**112. DISCOVERY AND SIGNIFICANCE OF THE END-CARBONIFEROUS EROSION VALLEYS IN NORTHEASTERN SICHUAN BASIN**

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YANG Rong-jun,ZHANG Jing, YE Mao,LIU Jun-ying,LI Xin-yu

**113. DISTRIBUTION OF PRE-SALT CARBON DIOXIDE AND CONTROLLING FACTORS OF STRUCTURAL STYLES IN OFFSHORE BRAZIL**

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**124. TIGHT SANDSTONE GAS RESERVOIR CHARACTERISTICS AND MAIN CONTROLLING FACTORS OF PRODUCTIVITY IN ZHONGBA T3X2 MEMBER**

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CAI Ming-jun, LU Feng-ming, ZHANG Jia-liang, HU Ri-su, LIU Dong-cheng

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**128. DIFFERENCES IN ENRICHMENT FEATURES AND MAIN CONTROLLING FACTORS BETWEEN THE UPTHROWN AND DOWNTHROWN BLOCKS OF NANPU NO.1 FAULT**

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**131. FINE INTERPRETATION METHOD OF MICROSTRUCTURE IN A OILFIELD,TARIM BASIN**

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YANG Xiao-chuan,LI Li,YIN Ning,HAN Yao-zu,DU Rui,MI Xin-wu et al.

**132. FEASIBILITY EVALUATION METHOD FOR TERTIARY OIL RECOVERY IN THIN AND POOR RESERVOIRS BASED ON SAND BODY QUALITY AND CONTIGUOUS DEGREE**

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**133. BASED ON THE DEVELOPMENT HISTORY OF CARBONIFEROUS VOLCANIC GAS RESERVOIR IN EASTERN JUNGGAR BASIN,THE EXPLORATION AND DEVELOPMENT TECHNICAL STRATEGIES OF PERMIAN VOLCANIC GAS RESERVOIR IN SICHUAN BAS**

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**134. A METHOD FOR DETERMINING THE LOWER LIMIT OF PHYSICAL PROPERTIES OF GAS RESERVOIR BY USING GAS COLUMN HEIGHT AND PORE THROAT SIZE**

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LUO Rui-lan,PANG Yu-lai,ZHANG Lin,ZHANG Na,DENG Ting,ZUO Yun-an

**135. APPLICATION OF GEOPHYSICAL EXPLORATION TECHNOLOGY TO BENEFIT DEVELOPMENT OF THIN INTERBEDDED RESERVOIR**

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WANG Jian-yi,DONG Chang-chun,CHENG Zhi-yuan,XU Xiao-hong,HE Yu,MA Xiao-hua et al.

**136. CHARACTERISTICS AND MAIN CONTROLLING FACTORS OF GIANT THICK LACUSTRINE CARBONATE RESERVOIRS OF M BLOCK**

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XU Fang,HUANG Ji-xin,GUO Song-wei,ZHANG Ke-xin,ZHANG Chao-qian,TONG Qiang et al.

**137. SEDIMENTARY CHARACTERISTICS AND RESERVOIR COMPREHENSIVE EVALUATION OF BLOCK X IN PERU**

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MENG Zheng,LI Peng-hua,LI Shi-qun,ZHANG Ke-xin,ZHANG Chao-qian,XU Fang

**138. FINE CHARACTERIZATION OF HIGH-STEEP ,FAULT-BLOCK AND GRAIN-BANK CARBONATE RESERVOIRS - AN EXAMPLE FROM THE T-BLOCK IN THE EASTERN SICHUAN BASIN**

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TAO Xia-yan,XU Chang-hai,YANG Dong-fan,XIAO Dong,HUANG Tian-jun,XU Wei et al.

**139. CHARACTERISTICS OF EFFECTIVE RESERVOIR SPACE AND GENETIC ANALYSIS OF MISHRIF CARBONATE RESERVOIR IN A OILFIELD IN CENTRAL IRAQ**

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ZHANG Wen-qi,LIU Da-wang,WANG Yu-ning,XU Jia-cheng,DENG Ya,ZHANG Lei-fu

**140. TIME-LAPSE SEISMIC MATCHING INVERSION TECHNOLOGY AND APPLICATION BASED ON TEMPERATURE-SENSITIVE ROCK PHYSICS EXPERIMENT**

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HE Rong-sheng,WANG Zong-jun,GAO Yun-feng,TIAN Nan,Dong Hong-chao

**141. STUDY ON QUANTITATIVE CHARACTERIZATION METHOD OF PLAQUE LIMESTONE TIGHT CEMENT**

(IFEDC202212146)

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**142. ANALYSIS ON CONTROLLING FACTORS OF EFFECTIVE RESERVOIR IN INTRAPLATFORM OF SINIAN DENGYING 4TH MEMBER IN CENTRAL SICHUAN**

(IFEDC202212112)

GUO Zhen-hua,ZHANG Lin,LIU Xi-xiang,XIA Qin-yu,ZHANG Fei,LUO Rui-lan,LI Wen

**143. FINE GEOLOGIC MODELING AND APPLICATION OF MULTI-SOURCE AND HIGHLY HETEROGENEOUS RESERVOIRS**

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DUAN Jian,ZHU Lu,LI Guo-yong,ZHANG Bo-ming,HE Yi-ran,QU Li-li,GENG Rui-jie

**144. UNSTRUCTURED GRID MODELING TECHNOLOGY AND APPLICATION OF  
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**145. CHARACTERIZATION OF CLASSIFICATION OF POROSITY AND PERMEABILITY  
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WANG Nai, WANG Xiujiào,WANG Youjing, LI Nan, LYU Zhou

**146. STUDY ON RESERVOIR CHARACTERISTICS OF MEMBER 8 OF SHIHEZI  
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HU Wei-wei,ZHENG Xiao-peng,DU Ya-feng,WANG Lei-lei

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LUO Qiang,QI Mei,LI Yunbo,HUANG Ji-xin,YANG Zhaopeng

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GUO Li,LI Jia,WANG Jian-huai,NIE Guang-hua,DUAN Mai-lun,LI Ao-xian et al.

**149. STRUCTURAL MODELING METHOD OF HORIZONTAL WELLS IN THIN OIL  
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**151. RESEARCH ON THE RESERVOIR PREDICTION METHOD OF SEISMIC  
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**152. STUDY ON FLOW UNIT DIVISION METHOD BASED ON RANDOM SIMULATION  
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LIU Qian,LIU Zhi-jun,WEI Jin-yang,LI Zhe

**153. PREDICTION OF FRACTURES IN TIGHT GAS RESERVOIRS BASED ON  
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ZHAO Dan,WANG Hong-xing,MIAO Lu,ZHANG Ting

**154. RESERVOIR CHARACTERIZATION OF CARBONATE IN MIDDLE EAST BY  
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LI Lei,XU Zhen-yong,LI Feng-feng,WAN Yang,GAO Shen-gen

**155. STUDY ON MAIN CONTROLLING FACTORS OF FORMATION WATER  
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WANG Jin-cheng,ZHANG Fang,WANG Ye,HU Wei-wei

**156. RESERVOIR CORRELATION STUDY OF YANGDACHENGZI OIL LAYER IN Y  
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**157. A STUDY ON THE INFLUENCES OF ALLUVIAL FAN SANDBODY AND ITS  
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ZHANG Yang,LI Ji,HUANG Jin-fu,JIANG Ji-guo

**158. CHARACTERISTICS OF SEDIMENTARY MICROFACIES OF MONGOLIALIN  
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JIA Fang,ZENG Qing-qiao,WANG Li,WANG Rui-si,GUO Fa-jun,WANG Xiu-wei et al.

**159. VARIATION CHARACTERISTICS IN BS AREA RESERVOIR OF ML OILFIELD  
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LI Shu-man,FAN Wei,YU Guang-ming,XIONG Wei-liang,WANG Li-li

**160. STUDY ON FINE INJECTION AND PRODUCTION IN THE INFILL WELL AREA OF THE A TRANSITION BELT**

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WANG Chao,WANG Jing-qi,GUO Ying,ZHOU Yu-peng,WANG Jie-chun

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YANG Jing-xu,YU Cheng-lin,WU Xin,ZHANG Yi-wen,CHAI Xi-jiang

**162. APPLICATION OF DISTRIBUTED PARALLEL RESERVOIR SIMULATION TECHNOLOGY IN DAQING OILFIELD**

(IFEDC202211095)

KUANG Tie,ZHAO Guo-zhong,SHI Liang,LI Ben-sheng,XU Luo-bin,AN Yan-ming et al.

**163. INTERLAYERS TYPES AND LOG INTERPRETATION METHODS OF CRETACEOUS CARBONATE IN THE MIDDLE EAST**

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LI Feng-feng,GAO Sheng-en,TIAN Zhong-yuan,XU Zhen-yong,LI Lei

**164. RESERVOIRS CHARACTERISTICS AND WATER FLOOD OF BIOCLASTIC LIMESTONE OF CRETACEOUS IN MIDDLE EAST**

(IFEDC202211053)

LI Feng-feng,GAO Sheng-en,TIAN Zhong-yuan,XU Zhen-yong,LI Lei

**165. MICRO FRACTURES IDENTIFICATION IN CRETACEOUS BIOCLASTIC LIMESTONE IN IRAQ**

(IFEDC202211050)

WANG Gen-jiu,XU Wei,XU Jie

**166. STUDY ON FINE STRATIGRAPHIC CORRELATION METHOD OF HORIZONTAL WELLS FOR MARINE CARBONATE RESERVOIR——TAKING AH OILFIELD IN THE MIDDLE EAST AS AN EXAMPLE**

(IFEDC202211042)

XU Jia-cheng, TIAN Zhong-yuan, LI Yong, GUO Rui, ZHAO Li-min, DENG Ya et al.

**167. GENESIS AND MAIN CONTROLLING FACTORS OF COMPLEX FLUID INTERFACE IN KH RESERVOIR OF H OIL FIELD IN IRAQ.**

(IFEDC202211040)

WANG Jun,LI Wen-ke,HAN Hai-ying,LIU Xing-fang,WANG Wei-jun,WANG Nai

**168. INFLUENCE OF RESERVOIR HETEROGENEITY OF THICK BIOCLASTIC LIMESTONE RESERVOIR ON WATER INJECTION DEVELOPMENT AND ITS**

**STRATEGIES: A CASE STUDY OF LOWER MEMBER OF M FORMATION IN A OILFIELD,IRAQ**

(IFEDC202210990)

YU Yi-chang,SHEN Bo-heng,LIU Bo-zun,ZHAO Ya-xin,WANG Jiu-zhou,LI Jin-tao et al.

**169. RESERVOIR HETEROGENEITY CHARACTERISTICS OF LOWER MEMBER OF CRETACEOUS M FORMATION IN X OILFIELD,IRAQ**

(IFEDC202210988)

YU Yi-chang,SHEN Yi,YAN Yuan,SHEN Bo-heng,GUO Rui,YANG Zhao-peng et al.

**170. LARGE-SCALE TIDAL CHANNEL CHARACTERIZATION OF THE BIOCLASTIC LIMESTONE RESERVOIR IN A OILFIELD,IRAN**

(IFEDC202210974)

LIU Yu-mei,LI Yong,TIAN Zhong-yuan,WANG Wei-jun

**171. FINE CHARACTERIZATION OF SEDIMENTARY MICROFACIES BASED ON RGB FREQUENCY DIVISION FUSION TECHNOLOGY OF SEISMIC ATTRIBUTES**

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ZHANG Xue

**172. FRACTURE CHARACTERISTICS AND QUANTITATIVE PREDICTION OF SAND-MUDSTONE INTERBEDDED TIGHT RESERVOIR**

(IFEDC202210879)

ZHANG Yong-zhong,ZHAO Li-bin,CHANG Bao-hua,LIU Zhao-long,DU He,HUANG Wei-gang

**173. APPLICATION OF CURVE RECONSTRUCTION TECHNOLOGY IN LITHOLOGY IDENTIFICATION FOR TIGHT GLUTENITE RESERVOIRS—TAKING OILFIELD N IN SOUTH TURGAY BASIN FOR EXAMPLE**

(IFEDC202210853)

GAO Li-qun,LIANG Li-dong,MA Chong-yao,PAN Guo-hua,ZHAO Xun,XU Jia-long

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**174. STUDY ON IMBIBITION MODE OF RESERVOIR FRACTURING**

(IFEDC202212912)

GUO De-long,LIN Hai,WAN You-yu,WANG Zhi-sheng,ZHANG Li,LEI Feng-yu et al.

**175. PRODUCTION PREDICTION METHOD OF INFILL WELL IN MULTI-LAYER COMMINGLED PRODUCING SANDSTONE RESERVOIR**

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**176. AN OPTIMIZATION MODEL OF CLAY MINERAL TRANSFORMATION IN OVERPRESSURE SETTING**

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WANG Weian

**177. A NEW RECONSTRUCTION METHOD AND PERMEABILITY PREDICTION FOR LOW POROSITY BUT HIGHLY CONNECTED POROUS MEDIA**

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CHENG Zhi-lin, LUO Kai-qing, GAO Hui, LI Teng, WANG Chen

**178. STRESS SENSITIVITY CHARACTERIZATION OF THRESHOLD PRESSURE GRADIENT IN LOW PERMEABILITY RESERVOIR**

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BAI Rui-ting, BAI Yan-wei, YUAN Yu-jing, YIN Yan-jun, YIN Chun-liu

**179. UNSTEADY SEEPAGE MODEL BASED ON RANDOM GENERATION OF DISCRETE FRACTURE NETWORK AND ITS APPLICATION**

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OUYANG Wei-ping, SUN He-dong, WAN Yi-zhao

**180. APPLICATION OF EMBEDDED DISCRETE FRACTURES IN OFFSHORE LOW PERMEABILITY OIL FIELD FRACTURING SIMULATION**

(IFEDC202212689)

LUO Qi-yuan, XIE Ming-ying, HUANG Yu-jin, DUAN Rui, JIANG Jian-chao

**181. NUMERICAL SIMULATION OF INFLUENCE OF NATURAL FRACTURES ON RESERVOIR TEMPERATURE DISTRIBUTION DURING HYDRAULIC FRACTURING**

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SHI Ming-xing, LIU Xu, JING Wei, WANG Zhao-yue

**182. SIMULATION OF RATIONAL WATERFLOODING MODE FOR SAND LENS RESERVOIRS**

(IFEDC202212233)

ZHOU Xian, LIU Yue-tian, DU Li-hong, GUO Fa-jun, ZENG Qing-qiao, LIU Yan et al.

**183. DEVELOPMENT WELL PATTERN FOR DEEPWATER TURBIDITY SANDSTONE RESERVOIRS IN WEST AFRICA**

(IFEDC202212226)

YUAN Zhi-wang, ZHANG Yi-fan, Duan Rui-kai, ZHANG Xu

**184. PREDICTION METHOD OF WATER BREAKTHROUGH TIME OF GAS WELLS IN BOTTOM WATER GAS RESERVOIR CONSIDERING THE INFLUENCE OF WATER GRAVITY**

(IFEDC202212225)

ZHANG Wen-biao,ZHANG Li,LIU Rong-he,ZHENG Ke

**185. DISTRIBUTION PATTERN AND QUANTITATIVE CHARACTERIZATION OF REMAINING OIL IN EXTRA HIGH WATER CUT OILFIELD IN ECUADOR**

(IFEDC202212215)

LIU Jian,LIU Xue-qi,XIA Zhao-hui,XU Li-kun,CHEN Wen,LI Yun-bo et al.

**186. A STUDY ON REASONABLE LENGTH OF HORIZONTAL WELL**

(IFEDC202212056)

CHEN Dong,ZHANG Cheng-ze,LI Hai-ming,YANG Feng-lai,LI Xiao-ru

**187. EFFECTS OF ALCOHOL CHAIN LENGTH ON METHANE HYDRATE DISSOCIATION,INSIGHTS FROM MOLECULAR DYNAMICS SIMULATIONS**

(IFEDC202212047)

SUN Xiao-liang,ZHANG Guo-tian,ZHAO Yu-jun,SONG Jian,WANG Shu-sen et al.

**188. SEEPAGE MECHANISM OF WATERFLOODING AND INJECTION MODE OPTIMIZATION FOR FRACTURED BURIED HILL RESERVOIR**

(IFEDC202211797)

XIAO Kang,LI Xiang-ling,WANG Rui-feng

**189. A NEW METHOD FOR DETERMINING ROCK PORE COMPRESSIBILITY OF ABNORMAL HIGH PRESSURE GAS RESERVOIR BY NUMERICAL SIMULATION**

(IFEDC202211786)

LI Ming,ZHANG Cheng-ze,CHEN Dong,YANG Feng-lai,LI Xiao-ru,WANG Tao et al.

**190. RESEARCH AND APPLICATION OF IMPURE CO<sub>2</sub> GRAVITY DRIVE DEVELOPMENT TECHNOLOGY IN EXTREMELY THICK AND EXTRA-LOW PERMEABILITY RESERVOIR**

(IFEDC202211745)

JIAO Yu-jia,ZHANG Li-jun,TAN Xian-hong,LI Nan

**191. APPLICATION OF NUMERICAL SIMULATION IN STRUCTURAL-STRATIGRAPHIC RESERVOIR**

(IFEDC202211606)

CHEN Jing,WANG You-jing,WANG Jin-fang,LUO Xiao-li,LIAO Chang-lin



**192. APPLICATION OF NUMERICAL WELL TEST IN COMPLEX FAULT-BLOCK RESERVOIR**

(IFEDC202211534)

CHEN Jing,WANG You-jing,WANG Jin-fang,LIAO Chang-lin

**193. A STUDY OF VELOCITY MODELING IN DUEL COMPLEXITY MEDIA**

(IFEDC202211406)

LIU Jin-ye

**194. STUDY ON MATCHING OPTIMIZATION DESIGN OF WELL PATTERN AND FRACTURE NETWORK IN ULTRA-LOW PERMEABILITY RESERVOIR**

(IFEDC202211401)

JIA Na

**195. RESEARCH ON OPTIMIZATION AND APPLICATION OF TECHNOLOGY POLICY FOR STABILIZING FLUID AND CONTROLLING WATER CUT DEVELOPMENT IN OFFSHORE HEAVY OIL RESERVOIRS**

(IFEDC202211244)

ZHANG Ben-hua,LIN Bo,WANG Zhi-wei,WANG ming,WANG You-jie,YANG Bin et al.

**196. HIGH-PRECISION ANALOGUE SIMULATION OF 3D PRINTED EXPERIMENTAL MODELS FOR CARBONATE FRACTURE-CAVITY RESERVOIRS**

(IFEDC202211226)

HUI Jian,LI Jun-chao,LIU Xue-li,LU Xin-bian

**197. THREE DIMENSIONAL PERMEABILITY CORRECTION FOR THICK UNCONSOLIDATED SANDSTONE RESERVOIR - A CASE STUDY OF UK RESERVOIR IN IRAQ**

(IFEDC202211218)

GAO Sheng-en,LYU Zhou,LIU Hui,LAN Yu-kun,PENG Shu-dai

**198. LOGGING EVALUATION FOR PERMEABILITY OF TIGHT RESERVOIRS BASED ON FLOW UNIT CLASSIFICATION**

(IFEDC202211143)

YU Wen-wen,NIE Qi-hai,WANG Xiu-yan,CHEN Xin,YANG Jian-fang,YANG Chen et al.

**199. NEW MODEL FOR EXPERIMENTAL DATA PROCESSING OF OIL-WATER RELATIVE PERMEABILITY IN LOW PERMEABILITY RESERVOIRS CONSIDERING STARTING PRESSURE AND NONLINEAR SEEPAGE CHARACTERISTICS**

(IFEDC202211133)

ZHONG Xiao-gang,ZONG Jie,SU Hai-bo,LUO Bo,LU Yi,LI Wei et al.

**200. STUDY OF UNSTABLE PERCOLATION IN LOW PERMEABILITY DEFORMED MEDIUM RESERVOIR WITH START-UP PRESSURE GRADIENT**

(IFEDC202211116)

YANG Li-min

**201. LENGTH OPTIMIZATION FOR HORIZONTAL INTERVAL OF LOW PERMEABILITY CARBONATE GAS RESERVOIR WITH BOTTOM WATER**

(IFEDC202210943)

SHI Hai-dong, WANG Qing-sheng, BAI Sen-lin, GUO Chun-qiu, ZHENG Yue, CHENG Mu-wei et al.

**202. CAPILLARY PRESSURE AND ITS EFFECT ON THE RECOVERY OF LARGE TIGHT SANDSTONE GAS RESERVOIR WITH STRONG HETEROGENEITY**

(IFEDC202210824)

LV Zhi-kai

**203. DEVELOPMENT STRATEGY FOR MINI EDGE WATER CARBONATE RESERVOIR IN MIDDLE EAST**

(IFEDC202210820)

SU Hai-yang, XU Jia-cheng, LIAO Xuan, SHAO Lei, GAO Min, WANG Nai

## **VI. Reservoir Drilling & Completion Session**

**204. PREDICTION METHOD OF RELATIVE SAND PRODUCTION PROFILE OF RESERVOIR LIFE CYCLE PERFORMANCE IN HORIZONTAL WELLS**

(IFEDC202213102)

LIU Shan-shan

**205. SAFETY ANALYSIS OF CASING STRING AFTER SIDETRACKING IN EXISTENT PRODUCTION-RESUMED WELLS**

(IFEDC202212869)

WANG Jian-jun, ZHOU Sheng, LIU Yang, HAO Xue-lei, DU Xu, SHEN Zhao-xi et al.

**206. NEAR-BIT IMAGING AND WIRELESS TRANSMISSION SYSTEM USED IN HIGH-IMPEDANCE MEDIUM**

(IFEDC202212852)

YANG Qiu-yi, MAO Wei-min, FENG Ze-dong, JIA Heng-tian, GENG Biao, FAN Yi-feng et al.

**207. RESEARCH AND APPLICATION OF DUAL 2D WELLBORE TRAJECTORY DESIGN METHOD FOR HORIZONTAL WELLS**

(IFEDC202212845)

YUAN Xiao-jing

**208. MODELING DRILLING FLUID LOSS AND DYNAMIC BEHAVIOR OF FRACTURE DURING DRILLING FLUID LOSS IN DEEP FRACTURED RESERVOIRS**

(IFEDC202212820)

XIE Zhi-chao,KANG Yi-li,XU Cheng-yuan,YOU Li-jun,GUO Kun

**209. RESEARCH AND PERFORMANCE PREDICTION OF ULTRA-SHORT RADIUS FLEXIBLE DOWNHOLE DRILLING MOTOR**

(IFEDC202212818)

ZHANG De-long, GUO Qiang, YANG Peng, ZHAO Zhi-tao, LU Tong, CHANG Shu-rui et al.

**210. DRILLING CONSTRUCTION TECHNOLOGY OF WELL WANFENGDI-1 FOR LARGE DIAMETER SHALE GAS GEOLOGICAL SURVEY WELL**

(IFEDC202212746)

XU Jun-jun, OUYANG Zhi-yong, WENG Wei, FENG Mei-gui, ZHAO Zhi-tao, JIANG Rui

**211. RESEARCH ON MECHANISM AND PREVENTION TECHNOLOGY OF CASING DAMAGE IN A'NANOILFIELD**

(IFEDC202212721)

GAO Shan, HUANG Hua, YE Yong-sheng, GUAN Tong, WEI Yu-hao, WANG Ji-lin et al.

**212. TEST AND FIELD APPLICATION OF  $\Phi 89$  TURBODRILL**

(IFEDC202212652)

ZHAO Zhi-tao, WENG Wei, ZHANG De-long, YANG Peng, XU Jun-jun

**213. APPLICATION OF SLIM HOLE SIDETRACKING TECHNOLOGY IN JIA 41-57**

(IFEDC202212604)

ZHANG Jin, WANG Guo-na, CHEN Fei, LI Hui, QU Da-zi

**214. THE RESEARCH ON DRILLING DATA EXCHANGING BASED ON LANDMARK'S EDM TECHNOLOGY**

(IFEDC202212584)

XUE Hong-zhi, WU Dong, LING Wang, ZHU Wei-xing, JIANG Yi-jun

**215. INTEGRATION AND APPLICATION OF WELLBORE QUALITY ASSURANCE TECHNOLOGY FOR SHALESTONE IN AGADEM OILFIELD, NIGER**

(IFEDC202212486)

WANG Gang, DUAN De-xiang, XIAO Yue, QIAN Feng, JING Ning, LI Gan-lu

**216. CALCULATION METHOD OF POWER LAW AND HERSCHEL-BULKLEY MODEL OF DRILLING FLUID RHEOLOGICAL PARAMETERS BASED ON GRADIENT DESCENT**

(IFEDC202212355)

TIAN Yu-meng, ZHAO Yi-peng, LI Jin, CUI Meng

**217. NUMERICAL SIMULATION INVESTIGATION OF PERFORATION PARAMETER OPTIMIZATION DESIGN BASED ON ORTHOGONAL EXPERIMENTAL METHOD**

(IFEDC202212354)

XING Xue-song; QIU Hao; WEN Ming; HOU Ze-ning; HUANG Hui; BI Gang

**218. WELLBORE STABILITY MECHANISM OF IGNEOUS ROCK IN SHUNBEI BLOCK OF TARIM BASIN**

(IFEDC202212350)

ZHAO Hai-yang,LI Shao-an,YANG Pei

**219. CHARACTERISTICS AND SENSITIVITY SVALUATION OF PERMIAN VOLCANIC RESERVOIRS IN WESTERN SICHUAN BASIN**

(IFEDC202212145)

WANG Jun-jie,CAI Qiang,WU Ting-ting,HUANG Tian-jun

**220. STUDY ON THE INFLUENCING FACTORS OF THE CEMENTING QUALITY AND THE IMPROVEMENT MEASURES**

(IFEDC202211973)

LI Jian ,CHEN Wu-jie,LIU Zhi-di,

**221. MECHANICAL ANALYSIS AND APPLICATION OF MULTI-STAGE FRACTURING STRING IN HORIZONTAL WELL**

(IFEDC202211947)

HUANG Xue-qin,NIE Zhen,WU Yuan-bing,GAO Bao-kui,HU Gui,WANG Chun-peng et al.

**222. WELLBORE SAFETY EVALUATION BASED ON THE MULTI-STRING COUPLING MECHANICS IN HPHT GAS WEL**

(IFEDC202211938)

WANG Han,LI Yu-fei,ZHANG lin,PENG Yang,LU Lin-feng

**223. SAFETY EVALUATION OF THE TUBING DYNAMICS IN HPHT GAS WELLS WITH HIGH PRODUCTION**

(IFEDC202211937)

WANG Han,LI Yu-fei,ZHANG lin,PENG Yang,TANG geng

**224. METHOD OF SUSPENDER LINE HORIZONTAL WELL TRAJECTORY DESIGN AND ITS APPLICATION CONDITIONS**

(IFEDC202211925)

YU Fan,NI Hong-jian,LI Wei,HUANG Gen-lu,QIU kun,LI Jing

**225. STUDY ON GAS INVASION LAW AND WELL CONTROL TECHNOLOGY OF GRAVITY REPLACEMENT IN FRACTURED GAS RESERVOIR DRILLING**

(IFEDC202211915)

GUO Yi-hui,ZHOU Bo-yu,XI Fang-zhu,HOU Wei,AO Kang-wei,LI Ying-jie

**226. COMPARATIVE ANALYSIS OF THE EFFECT OF HORIZONTAL DRILLING TECHNOLOGY TO TAP THE REMAINING OIL**

(IFEDC202211820)

LIU Xiang-bin,ZHU Zhen-kun,XU Xiao-yu,LI Hai-cheng,Zong He-ming

**227. DESIGN AND OPTIMIZATION OF HORIZONTAL WELL STRUCTURE IN SUB-SALT RESERVOIR IN TARIM BASIN**

(IFEDC202211778)

LIU Hong-tao,LI Ning,JIN Yan,TANG Bin,ZHOU Bo,WEN Liang

**228. STUDY ON RADIAL BOND STRENGTH OF CEMENT SHEATH INTERFACE UNDER ALTERNATING STRESS**

(IFEDC202211765)

CHENG Yong-qin,LIU Shuo-qiong,SHEN Ji-yun,GUO Xue-li,HUANG Zhao

**229. A NOVEL METHOD FOR DRILLING AND COMPLETION ENGINEERING EVALUATION IN OVERSEAS OIL AND GAS ASSETS TO BE ACQUIRED**

(IFEDC202211718)

HU Gui,CHEN Shi-tang,TAO Ye,HUANG Xue-qin,ZHANG Guo-hui,YANG Shu et al.

**230. RESEARCH AND APPLICATION OF SAND CONTROL COMPLETION TECHNOLOGY FOR BENEFICIAL WELLS OF POLYMER INJECTION IN BOHAI BAY G OILFIELD**

(IFEDC202211668)

ZHU Ying-bin,ZHANG Zu-feng,LI Huai-wen,SONG Zhi-yong,LI Qiang,LI Chang-ping et al.

**231. RESEARCH AND APPLICATION OF A NEW PLUGGING AGENT**

(IFEDC202211643)

XU Jing,ZHANG Yi-xin,WANG Zai-ming,TANG Cong,LI Yi-lin,SONG Li-bin et al.

**232. RESEARCH AND APPLICATION OF OIL-BASED DRILLING FLUID PLUGGING TECHNOLOGY IN THE SOUTHERN MARGIN OF THE JUNGGAR BASIN**

(IFEDC202211627)

LUO Xu-wu,ZHAO Li,ZHOU Shuang-jun,Hong Shi-jie,ZHANG Shuo

**233. SIMULATION OF HIGH PRECISION DETECTION FOR UNDERGROUND TARGET WELL**

(IFEDC202211533)

LIU Chang-min,LI Wei-qin,WANG Wan-jiang,WU Yu-han,LIN Lei,PENG Meng et al.

**234. DEVELOPMENT AND APPLICATION OF AUTOMATIC FEEDING DEVICE FOR DRILLING FLUID ADDITIVE**

(IFEDC202211529)

XIAO Jian-qiu,YANG Hui,WANG Ying,SHAO Qiang,HU Zhi-Jian,HAN Fei

**235. EFFECT OF DRILLING FLUID ON THE MECHANICAL PROPERTIES OF FORMATION IN SOUTH MARGIN AREA**

(IFEDC202211371)

XUE Ming-yu, CHENG Yuan-fang, LI Yang, ZHANG Yuan-hang, YANG Jun-chao, SHAN Xiang-fu  
**236. CURRENT STATUS AND DEVELOPMENT PROSPECT OF WATER CONTROL AND  
COMPLETION TECHNOLOGY OF HORIZONTAL WELL**

(IFEDC202211312)

ZHANG Guo-wen, LI Liang-chuan, ZHANG Guo-hui, SUN Jie-wen, WANG Peng, WU Yuan-bin  
**237. ANALYSIS AND STUDY ON APPLICATION CONDITIONS OF CARBON DIOXIDE  
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ZHENG Wei-shi

**238. IMPROVEMENT AND TEST ANALYSIS OF THE MULTILATERAL WELL  
TECHNOLOGY WITH EXPANSION TUBULAR POSITIONING**

(IFEDC202211291)

HU Zhi-jian, WANG Jun, LIANG Guo-hong

**239. COLLABORATIVE OPTIMIZATION OF DRILLING PARAMETERS SYSTEM  
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(IFEDC202211290)

ZHAO Yi-Peng, CUI Meng, SHI Xiao-Yan

**240. DEVELOPMENT OF UNDERGROUND ELECTRIC MOTOR**

(IFEDC202211238)

WANG Ai-Guo, HAN Fei, WANG Hong-Wei, CHEN Lang-Yi

**241. DEVELOPMENT OF INTELLIGENT DRILL PIPE FOR POWER SUPPLY AND  
COMMUNICATION**

(IFEDC202211222)

HAN Fei, WANG Ai-guo, HU Zhi-jian, WANG Hong-wei, QIAO Han

**242. DEVELOPMENT OF BALANCED TORQUE DRILLING TOOLS**

(IFEDC202211215)

QIAO Han, CHENG Jin, SHAO Qiang, LI Xing-yue

**243. DRILLING DESIGN OPTIMIZATION AND CONSTRUCTION OF HIGH PRESSURE  
AND HIGH GAS CONTENT WELL TANGDONG 9X2**

(IFEDC202211193)

YANG Yan-yun, ZONG Jie, ZHANG Hai-jun, QU Da-zi, LI Wei, ZHONG Xiao-gang et al.

**244. STUDY ON THE INFLUENCE OF ANNULUS FLUID ON DRILLSTRING VIBRATION  
IN NATURAL GAS HYDRATE EXPLOITATION**

(IFEDC202211135)

WANG bao-jin, WANG liu-ci, SUN peng-yu

**245. APPLICATION AND PROSPECT OF DUAL WELL SURFACE LARGE BOREHOLE DEFLECTING TECHNOLOGY**

(IFEDC202211119)

ZHAI Hui-ying,LIU Bao-lin,CHEN Ya-qiang

**246. SUCCEEDING WITH MULTILATERAL WELLS IN COMPLEX CHANNEL SANDS**

(IFEDC202211108)

LI Jian-ping,LIAO Ji-hua

**247. MODELING AND EXPERIMENTAL STUDY ON THE MAIN CONTROLLING FACTORS AND FORMATION MECHANISM OF BHA MOTION STATES**

(IFEDC202211088)

WU Bai-zhi,LI Wei,CHEN Wei,MA Qing-ming,NI Hong-jian,WEI Wei

**248. APPLICATION OF THE KEY TECHNOLOGY OF SIDETRACKING HORIZONTAL WELL IN SHALLOW RESERVOIR OF JIDONG OILFIELD**

(IFEDC202211030)

LI Yun-feng,SHENG Yuan-yuan,HOU Yi,PAN Jun-ying,WANG Zai-ming

**249. KEY TECHNOLOGY OF DRILLING SPEED INCREASE AND DEVIATION CONTROL IN INCLINED FORMATION OF BONGOR BASIN IN CHAD**

(IFEDC202210995)

ZHONG Zhao,ZHONG Hong-wei,GU Yi-xin,LI Xiao-gang,JI Fei,XIAO Yue et al.

**250. A NEW ENVIRONMENTAL FRIENDLY OIL-BASED DRILLING FLUID**

(IFEDC202210963)

ZHANG Jia-qi, XIE Tao, YAN Li-li, CHENG Rong-chao, WANG Jian-hua et al.

**251. PRACTICE AND EFFECT ANALYSIS OF SECONDARY WELL OPENING AND COMPLETION TECHNOLOGY IN NANPU DEEP BURIED HILL RESERVOIR**

(IFEDC202210958)

SHEN Yuan-yuan,WANG Zai-ming,XU Xiao-feng,LI Xiang-Yin

**252. STUDY ON GEOLOGICAL COMPLETION METHOD OF ELASTIC DEVELOPMENT BLOCK IN FUYU RESERVOIR**

(IFEDC202210895)

CUI Bing

**253. STUDY ON FRACTURE PROPAGATION IN TIGHT SANDSTONE BY LARGE-SCALE PHYSICAL SIMULATION EXPERIMENTS**

(IFEDC202210894)

LI Jia-ying,QI Chun-yan,WU Bo-hong,GU Ye,ZHOU Tuo

**254. PLANNING MODEL AND OPTIMIZATION METHOD OF SEVEN-SECTION WELL-PATH FOR THREE-DIMENSIONAL HORIZONTAL WELLS**

(IFEDC202210888)

TANG Xue-ping,GAO Wen-kai,DOU Xiu-rong,PENG Lie-xin,LV Hai-chuan

**255. INTEGRATED RESEARCH ON WELL STRUCTURE TECHNOLOGY OF HIGH RISK PRE-SALT DEEP WELLS IN AMU DARYA RIVER**

(IFEDC202210877)

GU Yi-xin,ZHANG Wei,ZHOU Tuo,Bahedaer Baletabieke,XIAO Yue

**256. STUDY ON THE COUPLING LAW OF THE STATOR AND ROTOR OF POSITIVE DISPLACEMENT MOTOR WITH THE APPLICATION OF HIGHLY FILLED RUBBER**

(IFEDC202210876)

ZHANG Hong-lin,Zang Yi-han,MI Kai-fu,GUO Tian-ming,GUO Chen,GAO Ye

**257. GEOLOGY-ENGINEERING INTEGRATION FOR SAFE ROP IMPROVEMENT OF ULTRA-DEEP WELLS**

(IFEDC202210840)

CHEN Chang-chang,JI Guo-dong,WANG Hai-ge,HUANG Hong-chun,WU Qiang,LIU Li

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**258. RESERVOIR STIMULATION TECHNOLOGY OF ULTRA-HIGH TEMPERATURE DEEP CARBONATE RESERVOIR AND ITS FIELD APPLICATION**

(IFEDC202213004)

GAO Yue-bin,CAI Bo,ZHONG Xiao-jun,HE Chun-ming,WANG Xiao-chao,LI Shuai

**259. A STUDY ON DOWNHOLE OIL-WATER CYCLONE SEPARATOR WITH HIGH LIQUID PRODUCTION IN THE SAME INJECTION-PRODUCTION WELL**

(IFEDC202212777)

XING Lei,GUAN Shuai,JIANG Ming-hu,ZHAO Li-xin,ZHENG Jiu-zhou,LI Jin-yu et al.

**260. APPLICATIONS OF PICKERING EMULSIONS IN PETROLEUM INDUSTRY**

(IFEDC202212627)

SUN Dan

**261. OUT-OF-PIPE CABLE-CONTROLLED INTELLIGENT DISPENSING TECHNOLOGY**

(IFEDC202212611)

ZHANG Xu,CHEN Ya-jun,LI Gao-feng,WANG Jian-ning,QIANG Shuang-hu,HUANG Bo-hua

**262. EFFECT ANALYSIS OF DOWNHOLE OIL-WATER SEPARATION AND INJECTION PRODUCTION TECHNOLOGY IN THE SAME WELL**

(IFEDC202212404)

ZHANG Huai-yu,ZHENG Guo-xing,LIU Jin-tang,ZHANG Lei-lei,WANG Yan



**263. APPLICATION AND STUDY OF COMBUSTION-SUPPORTING AGENT IN FIRE FLOODING RE-IGNITION**

(IFEDC202212395)

QI Shu-cheng, LU Yang, YANG Yang, NA Qin, XU Dong-mei, NIU Li, ZUO Peng

**264. STUDY ON ACIDIZING SCHEME AND RESERVOIR DAMAGE CHARACTERISTICS AT HD OILFIELD OF KAZAKHSTAN**

(IFEDC202212339)

YANG Bao-quan, CHEN Xin, DENG Xian-wen, DING Liang, FENG Xin-zhu

**265. RESEARCH AND APPLICATION PROGRESS OF FOAMING AGENTS FOR DRAINAGE GAS PRODUCTION**

(IFEDC202212188)

WU Qiu-bo, GUO Dong-hong, YANG Xiao-peng, JIA Min, CAO Guang-qiang, LI Nan

**266. RESEARCH AND EXPERIMENT ON LIFTING TECHNOLOGY OF A DIAPHRAGM SUBMERSIBLE RECIPROCATING PUMP**

(IFEDC202212132)

QIAN Kun

**267. THE QUANTIFICATION AND OPTIMIZATION OF HYDRAULIC VIBRATION WITH NOVEL COUPLED WELLHEAD-WELLBORE-RESERVOIR FORMATION PRESSURE PROPAGATION MODEL**

(IFEDC202212131)

WANG Zhi-chao, SHI Yu, HE Xiao-ming, WEN Rou

**268. INVESTIGATION ON THE MECHANISMS AND EFFECTS OF WATER CONTROL BY BLIND PIPE IN MULTI-LAYER COMBINED PRODUCTION WELLS**

(IFEDC202212098)

SHI Ming-hua, WANG Jie-xiang, CHEN Yi

**269. STUDY OF THE SCREW PUMP INFLUENCE ON THE CHARACTERISTICS OF GAS LIQUID TWO-PHASE FLOW**

(IFEDC202212054)

SHI Shu-zhe, NIE Zhen, WANG Chun-peng, HUANG Xue-qin, ZHANG Yan-na

**270. THE DEVELOPMENT OF THE SETTING TOOL PISTON RESET DEVICE**

(IFEDC202212035)

HUANG Jing, LIU Hui, TAN Jian, WANG Ke, REN Si-long, TIAN Lu

**271. RESEARCH AND DEVELOPMENT ON HYDRAULIC JET FRACTURING TECHNOLOGY THROUGH ANNULUS WITH COILED TUBING**

(IFEDC202212010)

WANG Jin-you, ZHANG Hong-yan, BAN Li, CHEN Xin-ying, ZHANG Chun-hui

**272. THE RESEARCH AND APPLICATION OF CABLE CONTROLLED INTELLIGENT STRATIFIED OIL RECOVERY TECHNOLOGY**

(IFEDC202211998)

GUO Wei,SHI Shan-shan,LIU Chong-jiang,GAO Wen-feng,LI Nan

**273. RESEARCH AND APPLICATION OF GEOLOGY AND ENGINEERING INTEGRATION TECHNOLOGY IN EXTRA-LOW PERMEABILITY RESERVOIR**

(IFEDC202211849)

WANG Wei,JIN Hui,TENG Fei,LIU Wen-wei,WANG Yu-mei

**274. OPTIMIZATION METHOD OF PLUNGER GAS LIFT PROCESS BASED ON OLGA SOFTWARE**

(IFEDC202211833)

LI Jun-liang,HUANG Wei-ming,ZHANG Nan,WANG Jing-qin,XU Guang-yun,Yang Di

**275. RESEARCH ON THE FORMATION CONDITIONS OF BRANCH FRACTURES BASED ON THE REAL FRACTURE INITIATION DIRECTION OF BRANCH FRACTURES**

(IFEDC202211805)

HU Zhifan

**276. THERMO-FLUID-STRUCTURE COUPLING DYNAMICS ANALYSIS OF GAS HYDRATE DRILL STRING**

(IFEDC202211794)

SUN Peng-yu,REN Fu-shen,WANG Bao-jin

**277. RESIDUAL STRENGTH OF CASING WITH PITTING CORROSION DEFECTS**

(IFEDC202211777)

CAI Meng,ZHANG Nan,WANG Peng,FENG Xin-zhu,AN Zhi-bo

**278. AN INTEGRATED DRAINAGE AND PRODUCTION TECHNOLOGY FOR TIGHT SANDSTONE GAS RESERVOIRS**

(IFEDC202211755)

MA Pin-gang,MA Wen-hai,LI Nan,ZHANG Hong-tao,LI Qiang,NING Fan-zhe

**279. OPTIMIZATION DESIGN OF ONE ANTI-GAS ROD PUMP IN CO<sub>2</sub> DRIVING FOR PUMPING UNITS**

(IFEDC202211716)

WANG yang,CAI Meng,SUN Chun-long,ZHOU Guang-ling,GAO Yu,JIANG Wei et al.

**280. RESEARCH AND APPLICATION OF SKID—MOUNTED SMALL DISPLACEMENT SEPARATE LAYER FRACTURING—FLOODING TECHNOLOGY**

(IFEDC202211704)

ZHANG Kun,ZHANG Xiao-chuan,BAN Li,MAO Qing-bo,WANG Rui

**281. STUDY ON LARGE DISPLACEMENT LAYERED WATER INJECTION TECHNOLOGY IN  
HIGH TEMPERATURE AND HIGH SALINITY DEEP WELLS IN OIL FIELD**

(IFEDC202211665)

LI Jing-hui, LIU Geng, WANG Lin, TONG Yin, ZHOU Yupeng

**282. STUDY ON APPLICATION AND EFFECT ANALYSIS OF PARAFFIN REMOVAL AND  
PREVENTION TECHNOLOGY FOR TIGHT OIL RESERVOIRS**

(IFEDC202211641)

LIU Wen-ping, FENG Li, JIANG Guo-bin, ZHANG Dian-xu, Wei Chang-zhu

**283. STUDY ON THE LAW OF LIQUID ACCUMULATION IN GAS WELL AND THE  
CALCULATION MODEL OF LIQUID COLUMN HEIGHT**

(IFEDC202211611)

ZHAO Lian, XU Wen, HU Wei-shou, YU Zhan-hai, LIU Hui-hui, LV Ji-wen

**284. RESEARCH AND APPLICATION OF HIGH EFFICIENCY DEHYDRATION  
TECHNOLOGY FOR HIGH VISCOSITY FOAMING CRUDE OIL**

(IFEDC202211609)

LIANG Xiao-liang

**285. INVESTIGATION ON THE MECHANISMS AND EFFECTS OF WATER CONTROL  
BY BLIND PIPE IN HIGH WATER CUT OIL WELL**

(IFEDC202211601)

CHEN Yi, CHEN De-chun, WANG Jie-xiang, ZHANG Yong, WANG Peng-hua

**286. RESEARCH ON HIGH GAS-LIQUID RATIO LIFTING TECHNOLOGY IN CARBON  
DIOXIDE DRIVING FOR PUMPING UNIT WELLS**

(IFEDC202211590)

CAI Meng, WANG Yang, SUN Chun-long, WANG Guo-qing, GAO Yu, ZHANG De-shi et al.

**287. APPLICATION OF C-AICD WATER CONTROL TECHNOLOGY IN HORIZONTAL  
WELLS IN BOTTOM WATER RESERVOIRS**

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**288. THE FIRST APPLICATION OF OPTICAL FIBER TEMPERATURE SENSING  
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**298. DISCUSSION ON APPLICATION OF COMBINED SUCKER ROD IN THE X BLOCK**

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**299. RESEARCH OF THROTTLE SALVAGING TECHNOLOGY BY LUBRICATING AND REDUCING FRICTION**

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**317. MECHANISMS AND FIELD TEST OF CO<sub>2</sub> GAS CAP AND ARTIFICIAL EDGE WATER BIDIRECTIONAL DISPLACEMENT AND SEQUESTRATION IN WATER FLOODED COMPLEX FAULT-BLOCK RESERVOIR**

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**326. STUDY ON THE RECONSTRUCTION OF RESERVOIR DESCRIPTION SYSTEM FOR THE SECONDARY-TERTIARY COMBINATION IN HIGH WATER-CUT STAGE**

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**327. RESEARCH AND APPLICATION OF 'TWO-THREE COMBINATION' WELL PATTERN TO ENHANCE OIL RECOVERY IN COMPLEX FAULT BLOCK**

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**337. STUDY ON PARAMETER OPTIMIZATION FOR HOT WATER FLOODING IN ORDINARY HEAVY OIL RESERVOIRS**

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**339. ADAPTABILITY OF POLYMERIC MICROSPHERES FOR PROFILE CONTROL AND FLOODING IN HIGH POROSITY AND HIGH PERMEABILITY RESERVOIRS**

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**340. ADAPTABILITY EVALUATION OF FRACTURED SANDSTONE RESERVOIR**

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**341. RESEARCH AND FIELD APPLICATION OF THE SECOND & TERTIARY  
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**342. PREDICTING THE VISCOSITY OF HYDROCARBON MIXTURES CONTAINING  
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**344. A NEW FAST DELIVERABILITY EVALUATION METHOD FOR LOW  
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**345. THE MATHEMATICAL METHOD AND APPLICATION OF STRATA SERIES  
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**349. RESEARCH ON DEVELOPMENT TECHNOLOGY OF ADVANCED GAS INJECTION GRAVITY MISCIBLE FLOODING ENHANCED OIL RECOVERY**

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WANG Jin-fang,JIANG Tong-wen,CHEN Qiang,CHEN Jing,MA Xiao-li,GAI Chang-cheng et al.

**350. RESEARCH AND APPLICATION OF CO<sub>2</sub> STIMULATION TECHNOLOGY IN HORIZONTAL WELL OF HEAVY OIL RESERVOIR OF COMPLEX FAULT BLOCK**

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**351. STUDY ON THE EFFICIENCY MECHANISM OF ION EFFECTION ON SURFACTANTS**

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MAO Xiao-qian,ZHU Xiu-yu,LEI Feng-yu,HU Fu-tang,DANG Yang-bin,JIA Zhi-wei et al.

**352. EVALUATION METHOD OF STEAM CHAMBER GROWTH IN SAGD PROCESS**

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BAO Yu,LYU Xue,LIU Yang,YU Yang,ZHOU Jiu-ning

**353. NUMERICAL SIMULATION STUDY OF FOAMY OIL RECREATION PROCESS AS A POST COLD PRODUCTION METHOD FOR EXTRA HEAVY OIL RESERVOIR**

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SHI Xiao-xing,LI Xing-min,WU Yong-bin,CHEN Chang-chun,YANG Zhao-peng

**354. A KEY TECHNOLOGY SERIAL TO IMPROVE RECOVERY RATE AT THE ULTRA-HIGH WATER CUT & ULTRA-HIGH RECOVERY STAGE IN THE 4TH BLOCK OF GANGXI OILFIELD**

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LUO Bo,WANG Bo,HE Zhan-qiang,NIE Fen-yi,SUN Hai-tao,LI Wei-long et al.

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YAO Chuan-jin, CHENG Tian-xiang, QI Jia-long, LIU Yong-ge, Gu Jian-wei

**356. STUDY ON DETERMINATION METHOD OF REASONABLE WELL SPACING IN WATER DRIVE RESERVOIR BASED ON MULTIPLE REGRESSION ANALYSIS**

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YAO Chuan-jin, QI Jia-long, CHENG Tian-xiang, LIU Yong-ge, Gu Jian-wei

**357. EXPERIMENTAL STUDY ON HEAVY OIL CRACKING AND UPGRADING ASSISTED BY AMPHIPHILIC ORGANIC SALT CATALYST**

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CHU Wei, WANG Lu-shan, LIU Ming, GAI Ping-yuan, MA Ai-qing, LIU Dong-qing

**358. MECHANISM ANALYSIS ON NON-STEAM INJECTION THERMAL METHOD TO ENHANCE ULTRA HEAVY OIL RECOVERY**

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LIU Yang, BAO Yu, ZHOU Jiuning, LIANG Guang-yue, YU Yang

**359. STUDY ON DISTRIBUTION LAW OF REMAINING OIL AFTER VISCOSITY REDUCTION COMBINED FLOODING FOR HEAVY OIL**

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ZHENG Wan-gang, TONG Tong, WANG Lu-shan, HAO Ting-ting, WANG Fei, QU Li

**360. CONSTRUCTION OF ANTI-CHANNELING AND PLUGGING AGENT ASSISTED OXYGEN-REDUCING AIR FLOODING SYSTEM AND ITS EOR EFFECTS**

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SONG Wei, CHEN De-chun, WANG Jie-xiang, ZHANG Yong, YOU Ping-kai, WANG Peng-hua

**361. DEVELOPMENT AND APPLICATION OF NATURAL GAS HYDRATE INHIBITORS**

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YANG Jia-hui, GAO Yan, LI Ze-feng

**362. DEVELOPMENT PRACTICE AND UNDERSTANDING OF EXTENDED REACH INCLINED WELL AND LONG HORIZONTAL WELL**

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**363. STUDY ON INTERNATIONAL STANDARDIZATION OF ENHANCED OIL RECOVERY TECHNOLOGIES**

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**364. RESEARCH ON COMPREHENSIVE PLUGGING REMOVAL TECHNOLOGY OF CO<sub>2</sub> INJECTION WELL IN DAQING OILFIELD**

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LI Guo,LI Sheng-li,WANG Hai-jing,FU Hai-rong,HAN zhong-lian

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LI Xue-feng,WANG Yu-zhu

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ZHOU Bo-yu,ZHAO Wen-na,GUO Yi-hui,HAO Zhi-wei,ZHANG Gui-qing,NIU Ben et al.

**367. EVALUATION AND TESTING RESEARCH ON SEPARATE LAYER INJECTION POLYMER FLOODING TECHNOLOGY FOR II KIND FORMATION**

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MA Qian-hui,LUI Yun,HAN Yu,WANG Jing,LV Ling-ling

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LI Nan,TAN Xian-hong,ZHANG Li-jun,JIAO Yu-jia,LIANG Bin,TIAN Xiao-feng

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GAO Qiming,TANG Jun-dong,WANG Ling,WANG Li-juan,DI Chao

**370. ENHANCED OIL RECOVERY POTENTIAL OF POLYMER FLOODING IN LOW-VISCOSITY SANDSTONE RESERVOIRS AFTER HIGH-SPEED WATER FLOODING**

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LI Guan-qun,SU Yu-liang,ZHANG Guo-wei

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BAI Zong-xian,YAO Jiang-long,LI Yan-ze,BAI Zong-han

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LI Xing-min,SUN Xiao-fei,Yang Zhao-peng,SHEN Yang,WU Yongbin

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CHEN Chang-chun,LI Xing-min,SHI Xiao-xing,SUN Xiao-fei,ZHANG Hong-liang

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**380. ANALYSIS OF ENDOGENOUS SULFATE REDUCING BACTERIA IN A HIGH TEMPERATURE OILFIELD RESERVOIR**

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**385. DEVELOPMENT STRATEGY OPTIMIZATION OF A GIANT CARBONATE  
RESERVOIR IN MIDDLE EAST UNDER THE CONDITION OF WATER CHANNELING  
ALONG HIGH PERMEABILITY LAYERS AND INTERLAYER CROSSFLOW**

(IFEDC202211162)

YANG Chao, YANG Si-yu, WANG Jun-wen, XU Zhen-yong, GAO Sheng-en, LI Feng-feng et al.

**386. EXPERIMENTAL INVESTIGATION OF WAG INJECTION IN  
HIGH-TEMPERATURE AND HIGH PRESSURE CARBONATE RESERVOIRS**

(IFEDC202211132)

LU Chuan, DONG Yin-tao, CHEN Guan-zhong, CHONG Qin-wan

**387. STUDY ON REASONABLE LIMIT OF LIQUID PRODUCTION IN SUBSEQUENT  
WATER FLOODING STAGE OF POLYMER FLOODING**

(IFEDC202211083)

ZHANG Xue-ling, HAN Ling-chun, SUN Hong-guo

**388. RESEARCH AND FIELD TEST OF NITROGEN-ASSISTED GRAVITY DRAINAGE IN  
DEEP-SEATED AND LOW PERMEABILITY RESERVOIR**

(IFEDC202211049)

ZHANG Yang, CAI Ming-jun, ZHANG Shao-zhe, WANG Xiao-yan, WANG Hai-feng et al.

**389. DEVELOPMENT ADJUSTMENT SUGGESTIONS FOR STRONG EDGE-BOTTOM WATER RESERVOIR AT ULTRA-HIGH WATER CUT STAGE: A CASE STUDY FROM A OILFIELD IN SOUTH AMERICA**

(IFEDC202211043)

GENG Xiao-yan,QI Mei,LIU Jian,LI Yun-bo,LUO Qiang

**390. DISCUSSION ON THE REASONABLE TIME OF POLYMER FLOODING TO SUBSEQUENT WATER FLOODING**

(IFEDC202211019)

GUI Dong-xu,ZHAO Yun-fei

**391. NUMERICAL SIMULATION STUDY ON ENZYMATIC REMEDIATION OF GUAR GUM FRACTURING FLUID FORMATION DAMAGE**

(IFEDC202211007)

YAO Chuan-jin,QU Xiao-huan,DA Qi-an,MENG Xiang-xiang,LEI Guang-lun

**392. RESEARCH ON PVT PHASE OF HYDROCARBON MIXTURE AND OIL**

(IFEDC202211003)

SUN Wen-jing,GUO Tian-jiao,LIU Yong,TONG Si-qin,CAO Sheng

**393. ESTABLISHMENT OF SIMILARITY CRITERION FOR PHYSICAL SIMULATION OF WATER-ALTERNATING-GAS FLOODING UNDER HIGH PRESSURE AND HIGH CH<sub>4</sub> CONTENT CONDITIONS AND STUDY ON GOVERNING FACTORS OF OIL-DISPLACEMENT E**

(IFEDC202210998)

LI Yun-bo,XU Li-kun,QI Mei,Hao Qiang-sheng,SONG Yi-lei,SONG Zhao-jie

**394. ADAPTIVE EVALUATION AND EFFECT ANALYSIS OF USING CYCLIC ALTERNATING INJECTION/PRODUCTION WITH HORIZONTAL WELL PATTERN TO ENHANCE OIL RECOVERY FOR COMPLEX CARBONATE RESERVOIR**

(IFEDC202210984)

HU Dan,LI Qian-yao,GU Fei,ZHAO Li-min,HU Song-hao,CHEN Yi-hang et al.

**395. STUDY ON COMPREHENSIVE ADJUSTMENT TECHNOLOGY OF POLYMER FLOODING IN DIFFERENT SEDIMENTARY MODES OF CLASS II OIL LAYER**

(IFEDC202210977)

XING Hui,MA Li-hua,XU Xue-qing,LIU Jin-shan,LI Wei-bin,FEI Hong-tao

**396. THE EXPERIMENTAL STUDY ON LOW MOLECULAR WEIGHT SALT RESISTANT POLYMER**

(IFEDC202210942)

ZENG Jia,LIU Hong-sheng



**397. INVESTIGATION ON NON-UNIFORM MISCIBILITY OF CO<sub>2</sub>-OIL IN POROUS MEDIA AND ITS INFLUENCE ON EOR AND CO<sub>2</sub> STORAGE**

(IFEDC202210883)

LI Zong-fa, SU Yu-liang, HAO Yong-mao, Bahedawulieti • kanjibayi, YANG fan et al.

**398. DEVELOPMENT METHOD FOR UPWARD (DOWNWARD) LAYERS OF LAMADIAN OILFIELD**

(IFEDC202210863)

WANG Peng

**399. RESEARCH AND APPLICATION PROSPECT ANALYSIS OF HIGH TEMPERATURE RESISTANT CLEANING FRACTURING FLUID**

(IFEDC202210858)

WANG Li-wei, YANG Zhan-wei, GAO Ying, WANG Liao, XU Min-jie

**400. EXPERIMENTAL TECHNOLOGY AND APPLICATION OF MULTIPLE THERMAL RECOVERY DEVELOPMENT IN HEAVY OIL RESERVOIR**

(IFEDC202210852)

ZHAO Qing-hui, CHENG Hai-qing, YANG Xing-chao, LIU Bing-xin, NI Chen

**401. COMPARATIVE EFFECTIVENESS OF HEAVY CRUDE OIL VISCOSITY REDUCTION AND OIL PRODUCTION BY DIFFERENT TYPES OF SURFACTANTS**

(IFEDC202210843)

CHEN Shao-hua, HAN Ming, Abdulkareem AlSofi

**402. THE CONFORMANCE EVALUATION OF HORIZONTAL PRODUCER AND PRODUCTION PERFORMANCE ANALYSIS OF ICD INSTALLATION IN SAGD PROCESS**

(IFEDC202210831)

ZHOU Jiu-ning, LIU Yang, LIANG Guang-yue, BAO Yu, HUANG Ji-xin

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**403. REINJECTION UTILITY ANALYSIS OF WASTE POLYSULFONATE DRILLING LIQUID TREATED BY CATALYTIC OXIDATION**

(IFEDC202213027)

WANG Dan-dan, DONG Chen-xi, YANG Tian-qi

**404. SYNTHESIS OF RHAMNOLIPID MODIFIED NANO FERRIC OXIDE AND ITS APPLICATION IN ENHANCED OIL RECOVERY**

(IFEDC202212988)

LIU Yu-long, SHE Yue-hui

**405. STUDY ON CHEMICAL PRETREATMENT AND RECOVERY OF  
POLYMER-BEARING WASTEWATER FROM OFFSHORE OIL FIELD**

(IFEDC202212933)

JING Ya,WANG Heng

**406. DEVELOPMENT AND INDUSTRIAL APPLICATION OF WELLBORE BIOLOGICAL  
SULFUR REMOVAL AND CORROSION PREVENTION TECHNOLOGY**

(IFEDC202212923)

LI Han-zhou,WANG Biao,YANG Fan,MENG Zhang-jin,JIANG Gui-ying,Qian Zhi-hong

**407. PREDICTION OF SCALING RISK IN WATER INJECTION DEVELOPMENT IN  
RUMAILA OILFIELD**

(IFEDC202212797)

ZHANG Yan-na,LI Liang-chuan,NIE Zhen,YE Zheng-rong

**408. AMINE-TERMINATED ACRYLAMIDE POLYMER AS A SHALE INHIBITOR FOR  
WATER-BASED DRILLING FLUIDS**

(IFEDC202212793)

LI He,SUN Jin-sheng,LV Kai-he,HUNAG Xian-bin

**409. EXPERIMENTAL STUDY ON THE EFFECTS OF POLYMERS ON SOIL  
MICROORGANISMS BASED ON HIGH-THROUGHPUT SEQUENCING  
TECHNOLOGY**

(IFEDC202212788)

WANG Xiao-yan,CAI Ming-jun,WANG Wei,YAN Xi,ZHANG Nan,WANG Xue-song et al.

**410. THE DAMAGE MECHANISM OF WATER-BASED DRILLING FLUID FOR  
FRACTURED VOLCANIC GAS RESERVOIR AND ITS OPTIMIZATION**

(IFEDC202212706)

GONG Wei,YOU Li-jun,KANG Yi-li,LI Xing-lei

**411. A COPOLYMER WATER-BASED DRILLING FLUIDS FLUID-LOSS ADDITIVE FOR  
HIGH-TEMPERATURE AND SALT-CALCIUM CONDITION**

(IFEDC202212602)

ZHANG Fan, YONG Zhi-hua, DAI Zhi-wen, SUN Jin-sheng

**412. EXPERIMENTAL RESEARCH AND APPLICATION EXPLORATION OF OILFIELD  
MICROBIAL WASTEWATER TREATMENT TECHNOLOGY**

(IFEDC202212585)

NI Pan,SUN Wei-chao,MENG Qi

**413. SYNTHESIS AND PERFORMANCE EVALUATION OF NOVEL PENTAPOLYMER AS FLUID LOSS ADDITIVE**

(IFEDC202212578)

AN Bo,WU Wen-ting

**414. STUDY ON THE OPTIMAL TIME OF ASP FLOODING AFTER WATER FLOODING IN MEDIUM-HIGH PERMEABILITY SANDSTONE RESERVOIR**

(IFEDC202212469)

WANG Rui-han

**415. COLLECTION EQUIPMENT LOADED WITH SUPERHYDROPHOBIC SPONGE FOR CONTINUOUS AND EFFECTIVE CHEMICALS RECOVERY**

(IFEDC202212430)

YAN Xi,XIE Yan,SHENG Xue-jia, ZHANG Shu-cai,TENG Xiao

**416. CORROSION BEHAVIOR OF N80S AND P110S IN MEDIUM AND HIGH TEMPERATURE AREAS IN ACIDIC MEDIA**

(IFEDC202212362)

TA Chuan,YANG Zhi-gang,ZHANG Yong-qiang,CHI Jiu-rong,YANG Tian-qi,LV Lei

**417. STUDY ON WELLBORE INSTABILITY MECHANISM AND DRILLING FLUID PLUGGING TECHNOLOGY OF SHALE**

(IFEDC202212298)

LI Da-yong,XIAO Chao

**418. ANALYSIS OF CORROSION MAIN INFLUENCING FACTOR BASED ON GREY RELATIONAL ANALYSIS AND CORROSION MODEL ESTABLISHMENT**

(IFEDC202212290)

ZHANG Nai-yan,YANG Jian,ZHAO Wen-tao,LU Lin-feng,HE Jian,LI Zheng,LIU Yu-hang

**419. THE FUTURE TOPIC OF OIL-WATER SEPARATION AGENTS FOR OILFIELD PRODUCED FLUID**

(IFEDC202212034)

SUN Li-mei,AN Shen-fa,LUAN Zhi-yong,LIU Zheng,GAO Sheng-wei,SONG Qing-xin et al.

**420. RESEARCH AND PERFORMANCE EVALUATION OF POLYOL BASED DRILLING FLUID**

(IFEDC202211773)

ZHANG Yi-xin,XU Jing,WANG Zai-ming,SONG Li-bin,Li Yi-lin,Tang Cong et al.

**421. RESEARCH AND APPLICATION OF MICROMOLECULAR ANTI-SWELLING,DEPRESSURIZATION AND INJECTION INCREASING SYSTEM IN THE SAME-WELL-INJECTION-PRODUCTION WELL**

**(IFEDC202211705)**

WANG Jing-wen,LI Jin-yu,LIU Xiang-bin,GUAN Gong-shuai,LI Guang-xin

**422. EVALUATION OF BIOTOXICITY OF HEAVY ALKYL BENZENE SULFONATE BY E.COLI**

**(IFEDC202211695)**

HE Li-peng, ZHAO Hui,XIAO Xiao, LIU Wei-dong, DING Bin, MIAO Wen-cheng et al.

**423. STUDY ON DOWNHOLE VISCOSITY LOSS LAW DURING POLYMER SOLUTION INJECTION**

**(IFEDC202211589)**

CAI Meng,GAO Guang-lei,ZHU Zhen-kun,MA Jun-zhe,ZHAO Zhi-cong

**424. STUDY ON STRUCTURE-ACTIVITY RELATIONSHIP AND NEW PERFORMANCE EVALUATION METHOD FOR FRICTION REDUCERS**

**(IFEDC202211525)**

GENG Xiang-Fei,GUAN Bao-Shan,ZHANG Jin-Jing,LIU Wei-Dong,DING Bin, et al.

**425. RESEARCH AND PERFORMANCE ANALYSIS OF OIL FLOODING OF SIO<sub>2</sub> NANOFLUIDS**

**(IFEDC202211400)**

XU Ke,SHI Yang,LI Yang

**426. CORROSION INHIBITION OF N80 STEEL IN 10% CITRIC ACID +1%HF SOLUTION**

**(IFEDC202211390)**

DU Juan,WANG Lu-yao,LIU Ping-li,ZHANG Xiao-feng

**427. EVALUATION OF COMPOUND SYSTEM OF ERUCIC ACID SURFACTANT AND NANO MATERIALS**

**(IFEDC202211358)**

CHEN Shi-jia,KAN Liang,SUN Yu-ting,HOU Yue,AO Wen-jun,CHEN Bin et al.

**428. SCALE INHIBITION PERFORMANCE EVALUATION AND ACTION MECHANISM OF SUPRAMOLECULAR SCALE INHIBITOR JN-871**

**(IFEDC202211313)**

ZHANG Yuan-hang,QU Zhan-qing,GUO Tian-kui,CHEN MING

**429. RESEARCH AND APPLICATION OF SAND CONTROL COMPLETION FLUID IN  
LOOSE SANDSTONE RESERVOIR OF BOHAI BAY D OILFIELD**

(IFEDC202211307)

LIU Hong-yan,LI Huai-wen,YU Jing,ZHOU Zhi-guo,GENG Chang-hao,LIU Wei et al.

**430. DEVELOPMENT AND APPLICATION OF A NEW ULTRA HIGH TEMPERATURE  
ACIDIZING CORROSION INHIBITOR**

(IFEDC202211297)

ZHANG Xing-de,WU Li,HE Jing,ZHANG Yan,KANG Yu,WANG Chuan

**431. RESEARCH AND APPLICATION OF FA VARIABLE VISCOUS SLIPPERY WATER  
FRACTURING FLUIDS**

(IFEDC202211067)

LI Yang,QIU Xiao-hui,XU Ke,SHI Yang,WENG Ding-wei,PAN Li-qing et al.

**432. STUDY OF PROPPANT ANTI-FLOWBACK ADDITIVE**

(IFEDC202211065)

YANG Jun,JI Sui-bo,ZHAO Wei

**433. STUDY AND FIELD APPLICATION OF CALCIUM SULFATE SCALING IN  
FRACTURED HIGH TEMPERATURE BEDROCK GAS WELLS**

(IFEDC202210957)

HAO Shao-jun,SHI Xiao-wen,AN Xiao-xu,ZHANG Chuang,JIANG Lin

**434. STUDY ON DYNAMIC GELATION OF CROSS-LINKING POLYMER**

(IFEDC202210887)

XIONG Ying,GE Dang-ke,ZHENG Xiao-xiong,XU Hong-en,DENG Lu-qiang,LIN Yun et al.

**435. MICRO SIMULATION STUDY AND FIELD TEST OF BIOLOGICAL NANO  
INJECTION IN OFFSHORE MEDIUM AND LOW PERMEABILITY RESERVOIR**

(IFEDC202210874)

FENG Qing,LI Sheng-sheng,LI Xiao-nan,SUN Yan-ni,ZENG Ming

## **X. Complex Reservoir Dynamic Monitor and Analysis Session**

**436. DISCRIMINATION OF DOWNHOLE FLUID PROPERTIES BY CONDUCTIVITY  
DENSITY METHOD**

(IFEDC202213146)

SONG Shuai-yu,LIU Zhi-di,WANG Meng,ZHANG Zhi-qiang,LIU Zhi-jie

**437. ANALYSIS OF GLOBAL GAS HYDRATE PRODUCTION TEST AND  
DEVELOPMENT PROSPECTS**

(IFEDC202212970)

MU Lang-feng,ZHANG Yi,ZHANG Chi,HUANG Su

**438. EXPERIMENTAL INVESTIGATIONS ON THE EFFECTS OF TEMPERATURE AND PRESSURE IN HEAVY OIL SANDS**

(IFEDC202212890)

WANG Zong-jun,ZHOU Jian-nan,FAN Peng-jun

**439. EVALUATION OF GAOSHITI GAS RESERVOIR AND ACID FRACTURING TECHNOLOGY BASED ON SAFE ENVIRONMENT-FRIENDLY CHEMICAL TRACER TEST**

(IFEDC202212775)

AO Ke,Liu Wang,ZHONG Ping-ping,MA Zi-ke,LU Yu-hao

**440. A NEW APPROACH TO RESERVOIRS CONNECTIVITY ANALYSIS USING PORE PRESSURE MEASUREMENTS IN PRESSURE COEFFICIENT-DEPTH PLOTS: A CASE STUDY ON NORMALLY PRESSURE RESERVOIRS FROM BOHAI OILFIELDS**

(IFEDC202212767)

QIAN Geng,YANG Hai-feng,SHI Wen-long,ZHAO Meng,WANG Li-liang

**441. CALCULATION OF FRACTURE VOLUME OF GAS WELL BASED ON TRACER MONITORING**

(IFEDC202212664)

ZHONG Ping-ping,YI Xing-yu,AO Ke,ZHAN Si-yuan,BAI Hua

**442. PRODUCTION CHARACTERISTICS DESCRIPTION AND MANAGEMENT STRATEGY OF WATER PRODUCING GAS WELLS BASED ON DYNAMIC MONITORING**

(IFEDC202212634)

XU Zhen-ping,ZHANG Li-qin,ZHANG Yuan-yuan,WANG Da-hai,FAN Ji-wu

**443. CALCULATION OF MULTICOMPONENT GAS-GAS AND GAS-LIQUID DIFFUSION COEFFICIENT IN POROUS MEDIA**

(IFEDC202212591)

WANG Zi-dun,LIAO Fa-ming,LV Bo,WANG Yong,CHEN Xiao-bo,CUI Can et al.

**444. APPLICATION OF NOISE REDUCTION METHOD FOR PRODUCTION WELL DYNAMIC DATA BASED ON MORPHOLOGICAL FILTERING**

(IFEDC202212500)

HAO Tong-chun,ZHONG Li-guo,WANG Zhi-guo,Wang Heng

**445. EXPLORATION AND PRACTICE OF NEW TECHNOLOGY FOR DEVELOPMENT OF CARBONIFEROUS LARGE-SPAN BLOCK RESERVOIR IN WELL DZUNGAR BASIN 403**

(IFEDC202212441)

LIU Qin

**446. EVALUATION OF STRONG WATER SENSITIVITY OF GLUTENITE RESERVOIR  
BASED ON PRODUCTION DYNAMIC ANALYSIS**

(IFEDC202212334)

LIU Can-hua,LIU Kai,LI Sheng,HU Long-jie,JIA Jun-fei

**447. APPLICATION OF DOWNHOLE DISTRIBUTED FIBER GRATING MONITORING  
TECHNOLOGY**

(IFEDC202211860)

QIAO Li-bo,HAN Zong-yi,GUAN Sheng,LI Lin-lin,WANG Wei,DU Guang-yao

**448. ADAPTABILITY ANALYSIS AND OPTIMIZATION OF WELL PATTERN  
PLACEMENT FOR HIGH DIP RESERVOIR**

(IFEDC202211795)

LI Xiang-ling,XIAO Kang,LI Xian-bing,ZHANG Jun-tao

**449. STUDY OF HORIZONTAL INJECTION-PRODUCTION WELL PATTERN PRESSURE  
RESPONSE IN LOW PERMEABILITY CARBONATE RESERVOIRS**

(IFEDC202211759)

ZHAO Ze-qi,LI Yong,HU Dan-dan,MA Rui-cheng,WANG Shu,ZHANG Li-xia

**450. PRODUCTION PERFORMANCE PREDICTION OF GAS LIFT HORIZONTAL  
WELLS BASED ON NODAL ANALYSIS: A CASE STUDY OF WELL X IN OILFIELD A**

(IFEDC202211712)

WANG Yi-chen

**451. APPLICATION OF GRAVITY FIELD DEEP LEARNING INVERSION TO CO<sub>2</sub>  
SEQUESTRATION**

(IFEDC202211607)

ZHANG Guo-hui,LI Wei-qin,WU Yu-han,LIU Chang-min,WANG Wan-jiang,MA Yan-qi et al.

**452. A DYNAMIC CALCULATION METHOD OF WATER FLOODING RECOVERABLE  
RESERVES**

(IFEDC202211578)

FU Li-bing,CHEN Song,NI Jun,LI Xuan-ran,XU An-zhu

**453. APPLICATION OF RADAR CHART ANALYSIS IN THE EVALUATION OF WATER  
INJECTION DEVELOPMENT IN OVERSEAS OIL FIELDS**

(IFEDC202211540)

XU Qing-yan,ZHANG Yong-tao,GUAN Rong-liang,WEI Lin-guo,LIN Wei

**454. DUAL COMPLETION TECHNOLOGY AND EFFECT ANALYSIS OF MULTI-LAYER  
SANDSTONE RESERVOIR IN SOUTH AMERICA**

(IFEDC202211304)

LIU Jian,XU Xiang-lin,WAN Xue-peng,CHEN Wen,LIU Xue-qi,QI Mei et al.

**455. A MODEL FOR PREDICTING SULFUR SOLUBILITY BASED ON THERMODYNAMIC MODEL**

(IFEDC202211288)

WANG Jian-meng, YANG Yu, XU Qi-lin, LIU Chen-li

**456. EFFECTS ASSESSMENT OF WELL GROUP ADJUSTMENT IN LOW PERMEABILITY WATER DRIVE RESERVOIRS**

(IFEDC202211228)

DING Xu-min

**457. RESEARCH ON WATER PRODUCTION MECHANISM OF MULTI-STAGE FRACTURING HORIZONTAL WELL IN LOW PERMEABILITY RESERVOIR**

(IFEDC202211194)

CHANG Li-jing, WANG Bai, LI Da-jian, ZHANG Ya-pu ,Lv Yi-ming

**458. PRODUCTIVITY EVALUATION APPROACH FOR HORIZONTAL WELL IN CONDENSATE GAS RESERVOIR BASED ON VERTICAL WELL TESTING**

(IFEDC202211169)

YIN Yin, LI Xing-min

**459. WATER INJECTION EFFECT EVALUATION AND OPTIMIZATION PRACTICE FOR A GIANT CARBONATE RESERVOIR IN MIDDLE EAST**

(IFEDC202211161)

YANG Chao, WANG You-jing, WANG Jun-wen, GAN Jun-qi, JIA Jin, GAO Sheng-en et al.

**460. CONTROLLING FACTORS ANALYSIS AND REACTIVATION STRATEGIES FOR SHUT-IN WELLS AND POOR PERFORMANCE WELLS: FIELD-CASE FEASIBILITY STUDY**

(IFEDC202211052)

XU Jia-cheng, GUO Rui, LI Yong, TIAN Zhong-yuan, SUN Yuan-hui, LIU Hui

**461. APPLICATION AND PRACTICE OF DEBUGGING WHILE TESTING TECHNOLOGY IN THE EXPLOITATION OF A LOW PERMEABILITY OIL FIELD**

(IFEDC202210931)

ZHAO Zhong-yi

**462. CONNECTIVITY CLASSIFICATION AND EVALUATION OF SUPER THICK CARBONATE RESERVOIR IN A OILFIELD BRAZIL**

(IFEDC202210828)

WU Jing, GAO Bo-yu



## **XI. Efficient Development of Low Permeability/ Tight Oil & Gas Reservoir Session**

### **463. FLUME EXPERIMENT STUDY OF THE FORMATION PROCESS AND SEDIMENTARY CHARACTERISTICS OF SHALLOW-WATER DELTA**

(IFEDC202213141)

CHEN Cheng

### **464. ANALYSIS OF MAIN CONTROL FACTORS FOR HORIZONTAL WELL DEVELOPMENT EFFICIENCY IN TIGHT SANDSTONE GAS RESERVOIRS**

(IFEDC202213058)

YANG Wen-jing, DAI Heng, ZHANG Zi-wei, ZHANG Chao, WANG Xiao-hua, PAN Xiao-li

### **465. OPTIMIZATION OF INJECTION MODE IN S GAS INJECTION AREA AND ANALYSIS OF INJECTION ADJUSTMENT EFFECT**

(IFEDC202213057)

GAO Huai

### **466. A NEW METHOD FOR OPTIMIZING THE OPENING TIME OF INTERMITTENT WELL IN TIGHT GAS RESERVOIR**

(IFEDC202213052)

WU Yong, XUE Yun-long, ZHANG Jing, Xu Guo-rui, LIU Ga, CAI Xing-li

### **467. RESEARCH ON OPTIMIZATION OF ENERGY STORAGE RE-FRACTURING FOR THE OLD VERTICAL WELLS IN TIGHT OIL**

(IFEDC202212999)

ZOU Yi, ZHOU De-sheng, JIE Ye-nan, XU Shu-can, WANG Hai-yang, ZHANG Yan-jun et al.

### **468. STUDY ON DOUBLE DESSERT IN OFFSHORE LOW PERMEABILITY RESERVOIR**

(IFEDC202212971)

HU Na-chuan, WANG Zong-jun, FAN Hong-jun, XIAO Da-kun

### **469. PRESSURE EVALUATION BETWEEN WELLS IN CARBONATE RESERVOIR OF M GAS FIELD**

(IFEDC202212961)

TIAN Min, HE Yi-lin, LIU Hai-feng, HOU Ke-feng

### **470. STUDY ON PRESSURE CONDUCTION LAW AND OIL DISPLACEMENT ABILITY OF FRACTURE-FLOODING IN LOW PERMEABILITY RESERVOIR**

(IFEDC202212859)

YAO Chuan-jin, WANG Zhe, XU Hao-shuang, LI Lei

**471. SIMULATION OF SHEAR FRACTURE VOLUME IN STAGED FRACTURING OF HORIZONTAL TIGHT SANDSTONE WELL**

(IFEDC202212846)

WANG Heng, LU Ping

**472. A NEW CALCULATING DYNAMIC RESERVES METHOD FOR LOW PERMEABILITY GAS RESERVOIR WITH MULTI-FACTORED INFLUENCES**

(IFEDC202212791)

GUO Qi

**473. STUDY AND APPLICATION OF CHARACTER OF NATURAL FRACTURE IN TIGHT SANDSTONE RESERVOIR**

(IFEDC202212783)

SHI Wei, ZHANG Rui, CHEN Da-hong, ZHANG Zi-wei, WANG Xiao-shuang

**474. FRACTURING FLUID HUFF AND PUFF FOR ENHANCED TIGHT OIL AND GAS RECOVERY: FEASIBILITY AND ENHANCEMENT METHODS**

(IFEDC202212731)

CHEN Yang, YOU Li-jun, KANG Yi-li, ZHOU Yang, FAN Dao-quan, JIANG Chao

**475. CALCULATION OF PRODUCTION CAPACITY CONSTRUCTION WORKLOAD IN SULIGE GAS FIELD BASED ON COMPREHENSIVE DECLINE LAW**

(IFEDC202212717)

HUO Ming-hui, ZHENG La-nian, LIU Peng-cheng, YU Zhan-hai

**476. RATIONAL CLASSIFICATION AND EFFECT EVALUATION OF FINE LAYERED WATER INJECTION IN LOW PERMEABILITY RESERVOIRS**

(IFEDC202212711)

MEI Qi-liang, WANG Si-yi, YU Xue-ying, SONG Lei, WANG Jing, SONG Shuo

**477. STUDY ON THE EVALUATION METHOD OF STATIC ADSORPTION AMOUNT OF OIL-DISPLACING AGENT USED IN FRACTURING ULTRA-LOW PERMEABILITY RESERVOIRS**

(IFEDC202212696)

PING Wan-zhuo, LUO Xian-grong, YANG Li-an, GUO Feng

**478. A NEW METHOD FOR DYNAMIC RESERVES EVALUATION IN GAOQIAO BLOCK OF SULIGE GAS FIELD**

(IFEDC202212668)

FAN Ji-wu, ZHANG Cheng-wei, ZHANG Wei, WANG Long, JIANG Qian-feng et al.

**479. RESEARCH ON A NEW METHOD OF ENERGY SUPPLEMENT FOR HORIZONTAL WELLS IN ULTRA-LOW PERMEABILITY RESERVOIRS**

(IFEDC202212667)

WANG Jing,WEI Ming-xia,YANG Huan-ying,LIU Ping,TANG Xiu-jun,LIU Jun-gang et al.

**480. STUDY ON RATIONAL PRORATION OF HORIZONTAL WELL IN GAS RESERVOIR: A CASE STUDY FROM SULIGE GAS FIELD**

(IFEDC202212609)

HE Yi-lin,ZHANG Jian-guo,TANG Jing,ZHOU Qiong

**481. THE TECHNOLOGY OF QUICK SWITCH BETWEEN WELL IN FRACTURING OF PLATFORM**

(IFEDC202212600)

CHE Hao-yang,BAI Ming-wei,ZHONG Xin-rong

**482. RESEARCH ON LOGGING CLASSIFICATION AND PRODUCTIVITY PREDICTION TECHNOLOGY FOR ULTRA-LOW PERMEABILITY RESERVOIRS: TAKING FUYU OIL LAYER IN NORTHERN XING-BEI OIL FIELD AS AN EXAMPLE**

(IFEDC202212528)

BAI Zhi-qiang

**483. RESEARCH ON THE CONDUCTIVITY OF PROPPANT WITH DIFFERENT PARTICLE SIZES AND ITS INFLUENCE ON PRODUCTIVITY—TAKING TARIM OILFIELD AS AN EXAMPLE**

(IFEDC202212426)

GAO Ying,LIANG Tian-cheng,PENG Fen,HAN Xiu-ling,YANG Zhan-wei,WANG Liao et al.

**484. EXPERIMENT OF NATURAL GAS FLOODING ENHANCED OIL RECOVERY IN TIGHT CONGLOMERATE RESERVOIRS IN WELLBLOCK MA 18**

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**485. APPLICATION OF HORIZONTAL WELLS TO ACHIEVE BREAKTHROUGH OF CARBONATE TIGHT OIL PRODUCTION: A CASE STUDY IN THE EXPLORATION AREA OF TAKER STRUCTURE**

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**486. RESEARCH AND APPLICATION OF TEMPORARY PLUGGING FRACTURING TECHNOLOGY IN LOW PERMEABILITY OILFIELD**

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LIANG Huan,MENG Hao-jie,TIAN Tong-mu,MU Hui,LIU Feng

**487. SYNTHESIS AND PROPERTIES OF A GEMINI QUATERNARY AMMONIUM SURFACTANT FOR DEPRESSURIZATION AND INJECTION**

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**488. RESEARCH AND APPLICATION ON VOLUME FRACTURING OF WATER INJECTION WELL ENHANCING WATER DRIVE EFFECT IN ULTRA-LOW PERMEABILITY RESERVOIR**

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ZHANG Zhao-zhao, LI Hai-tao, LING Yong-gang, CHEN Hong-tao, MAO Zhi-gao, DA Yin-peng

**489. RESEARCH ON DIFFERENTIAL DEVELOPMENT MODE OF TIGHT SANDSTONE RESERVOIR IN SUDONGNAN GAS FIELD**

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ZHANG Zheng-tao, WANG Xing-yan, FEI Shi-xiang, YANG Xue, PAN Xiao-li, CUI Yue-hua

**490. DISCUSSION OF FRACTURE-CONTROLLED WELL PLACEMENT IN FUYANG RESERVOIR OF XINGBEI**

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ZHANG Wen-dan

**491. HORIZONTAL WELL DEVELOPMENT TECHNOLOGY AND DEVELOPMENT PROSPECT OF TIGHT GAS RESERVOIR IN ORDOS BASIN**

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LI Jin-bu, HUANG You-gen, CUI Yue-hua, FEI Shi-xiang

**492. ANALYSIS ON ENRICHMENT AND HIGH YIELD FACTORS OF LOW PERMEABILITY SANDSTONE GAS RESERVOIRS IN BENXI FORMATION IN CENTRAL ORDOS BASIN**

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YU Lei, FEI Shi-xiang, WANG Qing-li, XIA Tao

**493. FIELD PRACTICE AND UNDERSTANDING OF TIGHT SPACING FRACTURING TECHNOLOGY IN SULIGE TIGHT GAS HORIZONTAL WELL**

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LI Zhe, LI Xian-wen, ZHOU Chang-jing, LIU Qian

**494. FRACTURE NETWORK TECHNOLOGY FOR COMPLICATED LITHOLOGY INTIGHT RESERVOIR**

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ZHOU Bao-zhong, YAN Jian-bo, ZHANG Li-ping, TIAN Guan-feng

**495. FEASIBILITY DISCUSSION ON TEMPORARY PLUGGING AND DIVERSION FRACTURING TECHNOLOGY APPLIED IN HORIZONTAL WELL IN LOW PERMEABILITY RESERVOIR**

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ZHANG Haijun,WANG Xitao,CHEN Baixue

**496. EXPERIMENTAL STUDY ON THE PERMEABILITY OF TIGHT SANDSTONE UNDER THE EFFECT OF SUPERCRITICAL CO<sub>2</sub>**

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PENG Huan,YANG Jian,PENG Jun-liang,HAN Hui-fen,GOU Xing-hao,WANG Zhou-yang

**497. INFLUENCE OF CLAY AND DIFFUSION PHENOMENON ON IMBIBITION OF ULTRA-LOW PERMEABILITY ROCK**

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ZHANG Lei-lei,WANG Ke-liang,AN Hui-ming,YANG Xin-yi,LI Gen,WANG Yong-an et al.

**498. APPLICATION OF SEISMIC WAVEFORM ANALYSIS TECHNOLOGY IN TIGHT SANDSTONE GAS RESERVOIR PREDICTION – TAKING SHILOU XI BLOCK IN ORDOS BASIN AS AN EXAMPLE**

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HU Xiao-dan,XU Fei,ZHANG Feng,DANG Hu-qiang,WANG Shuo,ZHANG Xiao-min

**499. EXPLORATION OF FIVE STEP PERMEABILITY SANDSTONE PREDICTION METHOD IN FUYU OIL LAYER**

(IFEDC202211749)

WANG Shuo,HU Xiao-dan,DANG Hu-qiang,ZHANG Feng,LI Kai,LI Liang

**500. RESEARCH ON PRODUCTIVITY EVALUATION OF GAS AND WATER CO-PRODUCING WELLS AND METHOD FOR JUDGING THE TIMING OF LIQUID ACCUMULATION IN SULIGE GAS FIELD**

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ZHENG La-nian,HUO Ming-hui,YU Zhan-hai,LV Ji-wen

**501. PRACTICE AND UNDERSTANDING OF WELL PATTERN ADJUSTMENT OF THIN SHEET SAND**

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**502. STUDY AND APPLICATION OF SELF -GENERATING GAS DEPLUGGING AGENT SYSTEM FOR OIL WELLS IN TIGHT RESERVOIR**

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GUAN Gong-shuai,LIU Xiang-bin,HUANG Hai-long,TANG Chao,LI Jin-yu,SUN Wen-ping

**503. EXPERIMENTAL STUDY ON DEVELOPMENT OF TYPICAL TIGHT OIL AREA  
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CHEN Ting, YANG Yong, BING Shao-xian, SUN Zhi-gang, MA Bing-jie, YANG Zheng-ming

**504. STUDY ON INTEGRATED AND EFFICIENT DEVELOPMENT TECHNOLOGY OF  
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WANG Ye, WANG Hua, FENG Yan-song, LIU Jiao-jiao

**505. REMAINING OIL POTENTIAL EVALUATION OF JURASSIC BOTTOM - EDGE  
WATER RESERVOIR AND RESEARCH ON TAPPING TECHNOLOGY**

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DU Shou-li, ZHANG Jiao-sheng, LIU Jun-gang, GUAN Yun

**506. THE PRECISION GEOLOGICAL RESEARCH AND APPLICATION OF THE  
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LIU Yan-yun

**507. EXPLORATION AND PRACTICE OF INTEGRATED RE-FRACTURING  
TECHNOLOGY FOR HORIZONTAL WELLS IN ULTRA-LOW PERMEABILITY  
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WU Dong-xu, DONG Yi-jia, WANG Hong-liang, ZHANG Hai-sen, LI Long, LI Nan et al.

**508. INTEGRATED ADJUSTMENT OF WATER INJECTION DEVELOPMENT IN OLD  
OIL FIELDS WITH LOW PERMEABILITY AND COMPLEX FAULT BLOCKS IN PERU**

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LI Jian, LI Yun-bo, ZHANG Xun-hua, ZHANG Ke-xin, XU Li-kun, LIU Jian et al.

**509. DEVELOPMENT STRATEGY OF LARGE LOW PERMEABILITY AND WATER  
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XIE Shan, XU Wen, JIAO Yang, WANG Ya-ling, WU Yong, LI Lin

**510. ECONOMIC OPTIMUM SELECTION OF HORIZONTAL SECTION LENGTH IN  
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ZHENG Bin, XIAO Yi-ming, Hasiyetei Yesifulati, RUAN Cong-hui, HUO Xin-xin, ZOU Shuai

**511. INFLUENCE FACTORS ANALYSIS AND PREDICTION METHOD OF TIGHT OIL PRODUCTIVITY BASED ON DATA FUSION ALGORITHM**

(IFEDC202211363)

ZHAO Ming,JIANG Guo-bin,DUAN Hong,YU Hao-bo,ZHANG Xue-jing

**512. STUDY ON MECHANISM OF INTERACTION BETWEEN NANO MICROEMULSION USED FOR FRACTURING AND ROCK**

(IFEDC202211361)

TANG Peng-Fei,DU Hui,LI Qing-Song,SUN Zhi-Cheng,YAO Li-Hong

**513. RESEARCH AND APPLICATION OF INFILL ADJUSTMENT TECHNOLOGY IN COMBINED DEVELOPMENT BLOCK OF VERTICAL AND HORIZONTAL WELLS IN LOW PERMEABILITY RESERVOIR**

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SUN Mei-feng,LIU Yang-dong

**514. EVALUATION AND RESEARCH ON PRODUCING STATUS OF VERTICAL-HORIZONTAL JOINT DEVELOPMENT WELL PATTERNS AND HORIZONTAL WELLS IN LOW PERMEABILITY RESERVOIR**

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**515. ANALYSIS ON FRACTURING EFFECT OF OIL LAYER COATED SAND**

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**516. FEASIBILITY STUDY ON SUPPLEMENTARY INFILLING OF THIN INTER-RESERVOIR IN LOW PERMEABILITY OILFIELDS**

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HUO Li-ran

**517. INFLUENCING FACTORS AND MEASURES OF HORIZONTAL WELL TRAJECTORY CONTROL**

(IFEDC202211339)

ZHOU Xin-na,ZHOU Xin-rong

**518. GEOLOGICAL CHARACTERISTICS OF TIGHT OIL RESERVOIR AND ANALYSIS OF MAIN CONTROLLING FACTORS OF OIL DISPLACEMENT AND VISCOSITY REDUCTION -- TAKING THE RESERVOIR IN A TEST AREA OF DAQING OILFIELD AS AN E**

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ZHANG Bao-yan,WEI Xu,LIU Yu,JIANG Xiao-lei,DENG Da-wei

**519. THE FINE EVALUATION OF LAYERED RESERVOIR PARAMETERS IN MULTILAYER COMMINGLED GAS WELLS**

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LIU Jiao-jiao,LIU Zhi-jun,ZUO Hai-long,WANG Ye

**520. DYNAMIC RESERVE CALCULATION OF SINGLE WELL AND RECOVERY COUNTERMEASURES OF XU 2 TIGHT GAS RESERVOIR IN HECHUAN X GAS FIELD**

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HE Chang,LIU Xin-fei,ZHANG Jia-qi,YU Ji-chen,WAN Yu-jin

**521. RESEARCH AND APPLICATION OF VOLUMETRIC FRACTURING TECHNOLOGY FOR HORIZONTAL WELLS IN FENGXI TIGHT OIL RESERVOIR**

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Guo De-long, XIE Gui-qi, LIU Yong,ZHANG Cheng-juan, FENG Xin-yuan et al.

**522. RESEARCH ON POTENTIAL TAPPING TECHNOLOGY OF THIN INTERCONNECTED RESERVOIRS IN BLOCK A OF LOW PERMEABILITY OILFIELD**

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**523. FEASIBILITY STUDY OF COMBINATION TECHNOLOGY OF SECONDARY AND TERTIARY OIL RECOVERY IN WELL BLOCK A**

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**524. MICROSCOPIC PORE STRUCTURE CHARACTERISTICS OF LOW PERMEABILITY ROCK SAMPLES IN DAGANG OILFIELD**

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ZONG Jie,ZHONG Xiao-gang,HAN Hai-ying,LUO Bo,LU Yi,ZHU Hong-yun et al.

**525. APPLICATION OF DIGITAL ROCK TECHNOLOGY IN CARBONATE TIGHT GAS DEVELOPMENT**

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QI Chun-yan,Leslie Zhang,LI Jia-ying,DENG Hui,GU Ye,YAN You-jun

**526. STUDY AND DEVELOPMENT TECHNICAL COUNTERMEASURES ON TIGHT RESERVOIR ARCHITECTURAL IN SOUTHEASTERN SULIGE GAS FIELD OF ORDOS BASIN**

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SUN Xiao-ping,CHEN Cun-liang,XIA Yong-hui,WANG Li-hua,WANG Shu-hui



**527. FEASIBILITY AND PARAMETER OPTIMIZATION METHOD OF FOAM ASSISTED OXYGEN REDUCTION AIR FLOODING IN ULTRA-LOW PERMEABILITY / TIGHT RESERVOIRS**

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TONG Si-qin, CAO Sheng, YANG Wen-lu, ZHANG Jiang, GUO Tian-jiao, SUN Wen-jing et al.

**528. GEOLOGICAL CLASSIFICATION OF SMALL FAULT BLOCK RESERVOIR AND EVALUATION METHOD OF WATER DRIVE DEVELOPMENT EFFECT**

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LI Ya-guang, SHA Zong-lun, JIA Hong-bing, HUO Li-feng, BAO Zhi-jing, MAO Wei et al.

**529. CAUSE ANALYSIS OF HIGH WATER CUT WELLS IN ELASTIC PRODUCTION BLOCK OF TIGHT RESERVOIR IN Z OILFIELD**

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ZHANG Ya-hui

**530. SEVERAL UNDERSTANDINGS OF THE REUTILIZATION OF HIGH-RISK AREAS OF P OIL LAYER IN SZ AREA**

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**531. FINE CHARACTERIZATION OF SINGLE SAND BASED ON RESERVOIR ARCHITECTURE**

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ZUO Wen-yong, CUI Kai, FU Yu-wei, NIU Xu-hai, ZHEN Jie, LONG Dan-lei et al.

**532. ANALYSIS OF INFLUENCING FACTORS ON THE DEVELOPMENT EFFECT OF INDEPENDENT OFF-BALANCE-SHEET RESERVOIRS**

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**533. SOURCE ANALYSIS AND COUNTERMEASURES OF SAND PRODUCTION AFTER FRACTURING**

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GAO Xin-ping, YANG Jian, PENG Jun-liang, PENG Huan, GOU Xing-hao, YANG Zhi-fan

**534. DISCUSSION ON CHARACTERIZATION AND EVALUATION METHOD OF SINGLE SAND BODY IN LOW PERMEABILITY RESERVOIR**

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**535. STUDY ON WATER INJECTION TIMING IN POROUS LOW-PERMEABILITY CARBONATE RESERVOIRS**

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LU Tao, CHENG Liang, CHEN Ming-jiang

**536. EVALUATION OF RESERVOIR CHARACTERISTIC FOR SHALE OIL FRACTURING IN LONGDONG OILFIELD**

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LI lu, LIU hai, WANG Kong-jie

**537. ANALYSIS OF DEVELOPMENT EFFECT OF FOUR TYPES OF RESERVOIRS IN ULTRA-LOW PERMEABILITY OIL FIELDS**

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**538. THE DAMAGE OF HIGH PARAFFIN-LOW PERMEABILITY RESERVOIR UNDER CARBON DIOXIDE DISPLACEMENT MODE**

(IFEDC202213247)

YU Peng, DENG Chen-quan, CAI Gan-wei, ZHANG Xiao-bin

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**539. DEVELOPMENT AND EVALUATION OF HIGH TEMPERATURE AND LOW DAMAGE FRACTURE FLUID**

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GAO Zheng-long, LI Fang-fang, LIU Yang, XIONG Jun-jie

**540. STUDY ON PLUGGING MECHANICS AND MODEL FOR ULTRA-DEEP RESERVOIRS**

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ZENG Jing-ying, ZHOU Qi, YANG Zhan-wei, TENG Bai-lu, LUO Wan-jing

**541. QUANTITATIVE INTERPRETATION USING FACIES BASED SEISMIC INVERSION: APPLICATION TO PALEOGENE SUBLACUSTRINE FAN**

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GAO Wei, LIU Xun, TAN Huang-huang, SHEN Hong-tao

**542. TECTONIC SETTING AND STRATIGRAPHIC-SEDIMENTARY EVOLUTION CHARACTERISTICS OF CRETACEOUS MISHRIF FORMATION IN SOUTHEAST IRAQ**

(IFEDC202212749)

YU Yi-chang, LI Zhi-we, SHEN Bo-heng, GUO Rui, OUYANG Jing-qi, WANG Yi-fan et al.

**543. SOME NEW UNDERSTANDINGS OF NON-UNIFORM WATER INTRUSION IN HUGE GAS RESERVOIRS**

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YANG Min, YANG Feng-lai, CHEN Dong, LI Ming, WANG Hai-bo, ZHANG Xu et al.

**544. INFLUENCE FACTORS AND EVALUATION MODEL OF GAS WELL PRODUCTIVITY IN ULTRA-DEEP FRACTURED TIGHT SANDSTONE GAS RESERVOIRS**

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CHANG Bao-hua, ZHU Song-bai, ZHANG Yong-zhong, HUANG Wei-gang, LIU Zhao-long et al.

**545. FRACTURED RESERVOIR PREDICTION OF WEATHERING ZONE IN BURIED HILL GAS FIELD**

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FAN Peng-jun, WANG Zong-jun, MA Shu-fang, DU Xin

**546. HIGH FRACTURING PRESSURE ANALYSIS AND COUNTERMEASURE RESEARCH AND APPLICATION OF RESERVOIR STIMULATION**

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PENG Yuan-kui, YANG Zhan-wei, PU Shi-jie, WANG Liao, GAO Ying, WANG Li-wei et al.

**547. EXPLORATION OF HIGH TEMPERATURE, HIGH PRESSURE AND HIGH SALINITY WELL PRODUCTION TECHNOLOGY IN QAIDAM BASIN**

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WANG Fu-jun, LIU Jun-lin, JIAO Shi-jie, ZHOU Yin-nan

**548. CHARACTERISTICS OF THE CARBONATE RESERVOIR AND ITS MAIN CONTROLLING FACTORS FOR PHYSICAL PROPERTIES OF THE M FORMATION IN X OILFIELD IN THE MIDDLE EAST**

(IFEDC202212447)

YU Yi-chang, SHEN Yi, YANG Yi, LI Zhi-wei, GUO Rui, LI Jin-tao et al.

**549. SIMULATION OF FRACTURE CHANNELING IN CARBONATE RESERVOIRS AND COUNTERMEASURES FOR WATER SHUTOFF**

(IFEDC202212301)

MENG Fan-le, WANG You-jing, QI You, LI Zhen-dong, ZHANG Xin-chen

**550. GEOLOGICAL CHARACTERISTICS AND EXPLORATION PRACTICE OF DEEP CARBONATE BURIED HILLS IN NANPU SAG**

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WANG Zheng-jun, ZHAO Shue, WANG Ze, MA Qian, MENG Ling-jian, WANG Qi et al.

**551. PERCOLATION CAPACITY IN DEEP AND ANCIENT KARST GAS RESERVOIRS WITH EXTRA-LOW PRESSURE GRADIENT**

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AN You-jun,DENG Hui,XU Wei,LUO Wen-jun,YANG Ze-en,ZHANG Yan et al.

**552. IMAGING METHOD AND APPLICATION EFFECT OF ULTRA-DEEP HETEROGENEOUS RESERVOIR WITH MULTI WELL - MULTI INFORMATION CONSTRAINTS**

(IFEDC202212019)

JI Guo-sen,HUANG Hong-xing,YUAN Liao,ZHANG Wen-ming,LI Xiang-wen,He Jiang et al.

**553. DISTRIBUTION OF SEDIMENTARY FACIES FOR THE CRETACEOUS TYPICAL LACUSTRINE DEPOSITS CARBONATE RESERVOIRS**

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HUANG Ji-xin,XU Fang,LUO Qiang,QI Mei,LI Yun-bo,TONG Qiang

**554. EVALUATION ON RESERVE PRODUCIBILITY IN DEEP CARBONATE GAS RESERVOIRS WITH STRONG HETEROGENEITY**

(IFEDC202211851)

LU Jie,DENG Hui,XU Wei,YAN You-jun,SHI Yan-sheng,YAO Hong-yu et al.

**555. EVALUATION AND APPLICATION OF HIGH TEMPERATURE RESISTANT EMULSION TYPE DOSING-FREE FRACTURING FLUID SYSTEM**

(IFEDC202211388)

GAO Ying,FU Jie,WANG Liao,WANG LI-wei,YANG Zhan-wei,XU Min-jie et al.

**556. APPLICATION OF REVERSE-TIME MIGRATION IMAGING TECHNOLOGY IN ULTRA-DEEP CARBONATE BLOCK OF TARIM BASIN**

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CHEN Yang-yang,SONG Yu,LIU Zheng-wen,SUN Hai-jun,SUN Chong,LU Jing-ya et al.

**557. KEY TECHNOLOGIES TO IMPROVE FRACTURING EFFECT OF DEEP FRACTURED BEDROCK GAS RESERVOIR**

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LIU Yong,FENG Xin-yuan,LEI Feng-yu,ZHAO Wen-kai,XIE Gui-qi,FU Ying et al.

**558. HIGH PRECISION AND SNR MIGRATION TECHNOLOGY BASED ON SPATIAL FRESNEL ZONE IN DIP DOMAIN**

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BAO YI,ZHAO Hai-bo,WANG Yang-yang,LIU Jin-ye,CHU Hai-hong,ZHANG Zhi-ming

**559. DEVELOPMENT CHARACTERISTICS COMPARISON FOR DIFFERENT TYPES OF CARBONATE OIL RESERVOIRS**

(IFEDC202211037)

YANG Zhao-peng,LI Yun-bo,LIU Zhang-cong,HAO Qiang-sheng,LUO Qiang,XU Li-kun

**560. WATER SOURCE AND IDENTIFICATION OF YANGSHUIWU BURIED HILL GAS RESERVOIR IN LANGGU SAG**

(IFEDC202210981)

ZHAO Lei,LIANG Xing-ru,JIA Ying-chao,WAN Min,ZHANG Hui-wen,JIE Qiong

**561. ACID SOLUBLE DRILLING FLUID SYSTEM FOR RESERVOIR PROTECTION IN DEEP FRACTURE-CAVITY TYPE GAS RESERVIOR**

(IFEDC202210830)

ZHANG Han-shi,ZHANG Jie,LONG Yi-fu,ZHAO Zhi-liang,WANG Shuang-wei

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**562. RECOGNITION OF SEDIMENTARY MODEL AND FINE SEISMIC CHARACTERIZATION TECHNOLOGY OF HUGE THICK GLUTENITE FAN IN THE STEEP SLOPE ZONE OF THE BOHAI BAY**

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WANG Jian-Li,MING Jun,PENG gang,WANG Bo

**563. NUMERICAL SIMULATION OF PROPPANT TRANSPORT IN HYDRAULIC FRACTURES OF CONGLOMERATE RESERVOIRS BASED ON MULTI-PHASE PARTICLE-IN-CELL METHOD**

(IFEDC202212719)

WEN Zhi-cheng,ZHANG Lie-hui,TANG Hui-ying,ZENG Jun-sheng,ZHANG Jing et al.

**564. RESEARCH AND APPLICATION OF CST EXPERIMENTAL TECHNOLOGY IN XINJIANG OILFIELD FRACTURING FLUID SYSTEM**

(IFEDC202212572)

LI YA,YAN Yin-qiang,XU Jing-run,XU Dong-mei,LU Yang,CHE Chao et al.

**565. EXPERIMENTAL STUDY ON COMPREHENSIVE CHARACTERISTICS OF SENSITIVITY OF MAHU TIGHT CONGLOMERATE RESERVOIR**

(IFEDC202212247)

ZHAI Huai-jian,LENG Zhen-peng,DONG Jing-feng,REN Hong-da,ZHANG Feng-juan et al.

**566. THE SECONDARY PORE DEVELOPMENT PATTERN OF COARSE-GRAINED SEDIMENTS: A CASE STUDY OF THE PERMIAN XIAZIJIE FORMATION IN THE WESTERN MARGIN OF THE JUNGGAR BASIN, CHINA**

(IFEDC202210836)

MA Yong-ping, ZHANG Xian-wen, GUO Juan-juan, WANG Guo-dong, PAN Shu-xin et al.

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**567. RESEARCH AND DISCUSSION ON COMPLEX SITUATION PROCESSING TECHNOLOGY OF SHALE GAS SURVEY WELL EJIANDI-4**

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LIU Wen-wu, GUO Kun, LI Chao, WANG Yu-chao, LIU Jia-rong, ZHAO Hong-bo

**568. A RAPID MULTI-OBJECTIVE INTELLIGENT DECISION METHOD FOR SHALE GAS FRACTURING PARAMETERS BASED ON MACHINE LEARNING A CASE STUDY IN THE CHANGNING RESERVOIR**

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WANG Kong-jie, LI Lu, ZHANG Yun-yi

**569. STUDY OF FRACTURE INITIATION AND PROPAGATION CHARACTERISTICS IN MULTIPLE HORIZONTAL WELLS FRACTURED**

(IFEDC202213100)

KOU Yuan-yuan, CHEN Jun-bin, GONG Di-guang, SUN Chen, WEI Ben-chi

**570. EXPERIMENTAL STUDY ON INFLUENCING FACTORS OF FRACTURE CONDUCTIVITY OF CONTINENTAL SHALE GAS RESERVOIR IN YAN'AN BLOCK**

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LIU An-bang, ZHANG Feng-san, HE Ipei

**571. RECONSTRUCTION OF 3D DIGITAL CORE OF INTER SALT SHALE BASED ON OSTU SEGMENTATION ALGORITHM OPTIMIZED BY PSO**

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ZHAO Jie, ZHANG Mao-lin, MAO Zheng, WANG Chen-chen

**572. EXPERIMENTAL INVESTIGATION ON THE CHARACTERISTICS OF MICROSCOPIC PORE STRUCTURE AND SPONTANEOUS IMBIBITION OF CHANG 7 CONTINENTAL SHALE OIL RESERVOIR**

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ZHU Jian-hong, CHEN Jun-bin, GONG Zhi-wei, YAO Tuan-qi, WANG Xiao-ming, NIE Xiang-rong

**573. EXPERIMENTAL INVESTIGATION OF PYROLYSIS CHARACTERISTICS OF SHALE VIA SUPERCRITICAL WATER**

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MENG Fan-yi, YAO Chuan-jin, ZHANG He-xing, DI Tian-yuan, MENG Xiang-xiang, DU Xin-ge

**574. STRESS SENSITIVITY ANALYSIS OF SHALE OIL RESERVOIR IN JIMSAR BASED ON DIGITAL CORES**

(IFEDC202212573)

CHEN Shen-gen, CHENG Lei-ming, LI Jian-min, WANG Tao, LIU Rui-ning

**575. DEVELOPMENT AND EVOLUTION OF PORE STRUCTURE IN LACUSTRINE SHALE, HUANGXIAN BASIN WITH INCREASING THERMAL MATURATION**

(IFEDC202212556)

JIANG Ya-li, XUE Hua-qing, WANG Pei, LIU Sha-sha, ZHOU Zhen-yong

**576. RESEARCH AND APPLICATION OF CO<sub>2</sub> WEDGE ENERGY INCREASING FRACTURING TECHNOLOGY**

(IFEDC202212466)

YE Sai, HAN Ji-ke, CHEN Fei

**577. PROPPANT COMBINATION OPTIMIZATION AND FLOW CONDUCTIVITY RESEARCH OF JIMUSAER SHALE OIL**

(IFEDC202212444)

GUO Sheng-hao, LI Ya, HAO Hong-yong, YANG Xing-yu, YAN Yin-qiang, LU Yang et al.

**578. SHALE OIL HORIZONTAL WELL MULTI-STAGE FRACTURE TECHNOLOGY RESEARCH AND PRACTICE**

(IFEDC202212333)

LI Ao-xian, GUO Li, CAO Jian-zhi, TAN Chun-lan, LIU Dong-liang

**579. STUDY ON EMULSIFICATION CHARACTERISTICS OF DAGANG SHALE OIL WELL**

(IFEDC202212236)

GE Dang-ke, XIANG Yong, XIA Min-min, ZHANG Xu-xin

**580. STUDY ON SHALE PROPERTY CHANGE AND MICRO-FRACTURE MECHANISM UNDER THE ACTION OF HIGH TEMPERATURE HOT FLUID**

(IFEDC202211866)

YAO Chuan-jin, HU Jun-wei, GE Jiao, ZHANG Qi

**581. A CASE STUDY OF BAYESIAN AVAZ INVERSION FOR FRACTURE AND STRESS PREDICTION IN SHALE GAS RESERVOIRS**

(IFEDC202211823)

GUO Xiao-long, LI Lin, DU Bing-yi, DONG Xue-hua, LI Hai-liang

**582. HIGH-PRESSURE ISOTHERMAL ADSORPTION MODEL FOR SUPERCRITICAL METHANE IN SHALE**

(IFEDC202211766)

DONG Yin-tao, ZHAO Qian-hui, LU Chen-gang, LU Chuan, GAN Yun-yan, CHEN Guan-zhong

**583. EXPLORATION AND PRACTICE OF HORIZONTAL WELL VOLUME FRACTURING TECHNOLOGY OF SHALE OIL IN THE GANCHAIGOU FORMATION (IFEDC202211762)**

LEI Feng-yu,ZHAO En-dong,MAO Xiao-qian,QIAO Xing-yu,LIU Yong,FENG Xin-yuan et al.

**584. THREE-DIMENSIONAL PHYSICAL SIMULATION STUDY OF DIFFERENT CO<sub>2</sub> HUFF AND PUFF METHODS IN SHALE RESERVOIRS (IFEDC202211735)**

ZHAO Jia,YAO Chuan-jin,MA Yuan-bo,XU Liang,LI Lei

**585. ANALYSIS AND APPLICATION OF INFLUENCING FACTORS ON FRACTURING EFFECT OF YINGXI SHALE OIL (IFEDC202211721)**

ZHAO En-dong,LEI Feng-yu,HE Jin-peng,ZHANG Shao-bin,FENG Xin-yuan,ZHOU Xi-yuan et al.

**586. OPTIMIZATION OF CO<sub>2</sub> HUFF-N-PUFF MEDIA COMBINATION FOR VOLUMTRIC FRACTURED HORIZONTAL WELLS IN SHALE OIL RESERVOIRS (IFEDC202211544)**

LIU Ya-qian,YAO Chuan-jin,LIU Bai-shuo,ZHAO Jia,CHENG Tian-xiang,HOU Jing-xuan

**587. SHALE GAS ACCUMULATION CONDITIONS OF LONGTAN FORMATION IN C AREA,SOUTH CHINA (IFEDC202211397)**

LI Meng-lei

**588. GEOLOGICAL MODEL RECONSTRUCTION OF HORIZONTAL WELL BASED ON HIGH-PRECISION 3D SEISMIC AND ITS APPLICATION EFFECT (IFEDC202211394)**

ZHANG Feng,JIA Xue-cheng,TONG Jiang-nan,JIANG Hong-yu,ZHANG Xiao-ming,SUN Pei

**589. STUDY ON COMPATIBILITY EVALUATION OF INJECTED FLUID AND FRACTURING FLUID (IFEDC202211356)**

FAN Ke-Ming,LIU Xiang-bin,SHANG Hong-zhi,WANG Li,PEI Tao

**590. STUDY ON THE EOR MECHANISM OF UNCONVENTIONAL RESERVOIR WITH SMALL WELL SPACING AND REASONABLE WELL SPACING OF HORIZONTAL WELL MULTI-STAGE FRACTURING IN UNCONVENTIONAL RESERVOIR (IFEDC202211326)**

WU Zhong-bao, XIAO Yu-xiang, FAN Xiao-Dong, YAN Yi-qun, LIU Li-feng, YANG Yang et al.

**591. FACTORY PRODUCING SHALE OIL IN XINJIANG OILFIELD THROUGH RODLESS ARTIFICIAL LIFT**



(IFEDC202211265)

CHEN Qiang,HAO Zhong-xian,ZHANG Shao-lin,MING Er-yang,HUANG Shou-zhi et al.

**592. SHALE RESERVOIR CHARACTERISTICS AND GAS BEARING ANALYSIS OF SHUIJINGTUO FORMATION IN MIDDLE YANGTZE REGION**

(IFEDC202211190)

GAO Jian-wen,ZHANG Yuan-yuan,ZHANG Fang,LU Gui-yi

**593. APPLICATION PRACTICE OF LOW-COST AND ENVIRONMENTALLY-FRIENDLY WATER-BASED DRILLING FLUID TECHNOLOGY IN CONTINENTAL SHALE GAS WELLS**

(IFEDC202211175)

ZHANG Wen-zhe,SUN Jin-sheng,SHEN Feng,LI Wei,WANG Bo,LUO Hong-fang et al.

**594. STUDY ON STRUCTURE EVOLUTION OF THE SOUTHERN MARGIN OF THE SICHUAN BASIN AND ITS INFLUENCE ON SHALE GAS PRESERVATION AND DEVELOPMENT CONDITIONS**

(IFEDC202211078)

ZHOU Shi-yu,YANG Xiao,DENG Xiao-jiang,JIANG Bo,YANG Rong,TAN Rong-biao et al.

**595. THE MECHANISM OF HYDRAULIC FRACTURE PROPAGATION IN STRIKE- SLIP SHALE GAS RESERVOIRS WITH BEDDINGS OF THE SOUTHERN SICHUAN BASIN**

(IFEDC202211028)

FU Hai-feng,HUANG Liu-ke,XIE Yu,GENG Meng,CAI Bo,LIANG Tian-cheng et al.

**596. EXPLORATION AND APPLICATION OF SHALE OIL VOLUME FRACTURING TECHNOLOGY IN DAGANG CANGDONG**

(IFEDC202211000)

YANG Li-yong,LIU Xue-wei,MA Xiao-nan,JIA Yun-peng,ZHAO Tao,LI Mao

**597. EXPLORATION ON INTEGRATED FRACTURING TECHNOLOGY OF SHALE OIL GEOLOGY AND ENGINEERING IN QAIDAM BASIN**

(IFEDC202210979)

XIE Gui-qi,PU Yong-xia,LIU Yong,GUO De-long,LIU Huan,FENG Xin-yuan

**598. PYROLYSIS CHARACTERISTICS OF LOW AND MEDIUM MATURITY SHALE UNDER SUPERHEATED WATER STEAM ENVIRONMENT**

(IFEDC202210967)

MENG Xiang-xiang,YAO Chuan-jin,XUAN Yang-yang,MENG Fan-yi,ZHANG He-xing et al.

**599. RESEARCH ON PRODUCTION EVALUATION METHOD FOR SHALE OIL WELLS**

(IFEDC202210926)

LIU Wei-Liu,LV Qi,CHENG Zi-yan,SONG Yang,LIU Yan

**600. APPLICATION OF BOREHOLE-SURFACE JOINT SEISMIC EXPLORATION ACQUISITION TECHNOLOGY TO MARINE SHALE GAS IN COMPLEX MOUNTAINOUS AREAS-A CASE STUDY OF SHALE GAS EXPLORATION IN LONGMAXI FORMATION, WESTERN**

(IFEDC202210901)

WU Jun, QIN Li, ZHANG Xiao-bin, LUO Kun, YANG Liu

**601. PRECISE PREDICTION OF TARGET RESERVOIR THICKNESS FOR HORIZONTAL SHALE WELL AND SIMULATION OF CHARACTERISTIC PARAMETERS BASED ON SEISMIC WAVEFORM DIFFERENCES**

(IFEDC202210893)

HUANG Li-juan, JIANG Bo, LI Rui-Ning, ZHOU Shi-Yu, YANG Rong, FAN zeng-hui

## **XV. Coalbed Methane Exploration and Development Session**

**602. SIMULATION OF OIL-WATER TWO-PHASE STEAM SEPARATION DURING COAL IN SITU PYROLYSIS PROCESS BY THE CYCLONE**

(IFEDC202213150)

ZHAO Shuai, SUN Ji-peng, WANG Shu-li

**603. RESEARCH ON CLASSIFICATION AND EVALUATION OF COALBED METHANE RESERVOIRS BASED ON WELL LOGGING DATA**

(IFEDC202213092)

HE Yu-fei, LI Shan, LI Xin, YE Jing, LI Zhong-bai

**604. MACHINE LEARNING BASED CBM WELL MULTIMODAL PRODUCTIVITY PREDICTION AND DRAINAGE OPTIMIZATION**

(IFEDC202212848)

FANG Ye-xin, WU Jia-yi, CHEN Zan, YANG Xiang-tong, MA Ru-tao, LIAN Zhi-long et al.

**605. STUDY ON SPRAY COOLING OF SHAFT IN ULTRA-HIGH TEMPERATURE PRODUCTION OF UNDERGROUND COAL GASIFICATION**

(IFEDC202212839)

WANG Jian-jun, ZHAO Huan-zhen, ZHANG Chao, ZHOU Sheng, HAO Xue-lei, REN Xiang-yi

**606. KEY POINTS OF CBM RESERVE EVALUATION UNDER SPE-PRMS RULES**

(IFEDC202212770)

SHAO Xin-jun, XIA Ming-jun, YI Yan-jing

**607. RESEARCH ON THREE-DIMENSIONAL DEVELOPMENT TECHNOLOGY OF HORIZONTAL WELLS FOR HUGE THICK LIGNITE IN JIERGALANGTU DEPRESSION OF ERLIAN BASIN**

(IFEDC202211709)

XIAO Yu-hang, YANG Yan-hui, LIU Zhong, WANG San-shuai, WANG Gang, ZHANG Peng-bao et al.

**608. EXPERIMENTAL STUDY ON MIGRATION AND PLACEMENT MORPHOLOGY OF PROPPANT COMBINATIONS WITH DIFFERENT PARTICLE SIZES IN ACTIVE HYDRAULIC FRACTURING**

(IFEDC202211639)

ZHANG Yang, XIE Wei-yi, ZHANG Ya-lan, QU Feng-jiao, WANG Xuan, LIAN Xiao-hua

**609. SENSITIVITY AND UNCERTAINTY ANALYSIS IN A CBM RESERVOIR, BOWEN BASIN**

(IFEDC202211171)

YANG Yong, BIE Ai-fang, LI Yong-gen, BIE Han-yu, LIU Xiao-yan, ZHU Xiao-lin

**610. REFLECTION AND IMPROVEMENT OF STAGED FRACTURING TECHNOLOGY FOR CBM HORIZONTAL WELL IN QINSHUI BASIN**

(IFEDC202211155)

LIAN Xiao-hua, QU Feng-jiao, CHEN Shi-liang, CUI Jin-bang, MA Wen-feng et al.

**611. APPLICATION OF NEW ELECTRICAL SUBMERSIBLE PROGRESSIVE CAVITY PUMP TECHNOLOGY IN DRAINAGE GAS RECOVERY OF COALBED METHANE WELLS**

(IFEDC202210928)

HUANG Shou-zhi, HAO Zhong-xian, FAN Bin, MING Er-yang

**612. TECTONIC AND STRUCTURAL CONTROLS ON COALBED METHANE ENRICHMENT**

(IFEDC202210925)

KONG Xiang-wen, DING Wei, WANG Ping, ZHANG Wen-jing, DAI Fang-wen, ZHANG Xiao-ling

**613. COMPOSITE EVALUATION OF COALBED GAS FIELD BASED ON STRUCTURAL STRESS CHARACTERISTICS - TAKE B COALBED GAS FIELD IN BOWEN BASIN AS AN EXAMPLE**

(IFEDC202210859)

LI Ming, HUANG Wen-song, ZHANG Ming, CUI Ze-hong, LIU Ling-li, SU Peng-hui et al.

## **XVI. Geothermal Resources Exploration and Development Session**

**614. TECHNOLOGY OF EXPLOITING GEOTHERMAL ENERGY WITH ULTRA-SHORT RADIUS DOUBLE HORIZONTAL U-SHAPED WELL**

(IFEDC202212930)

LI Fu-guo, YAO Guo-qing, ZHANG Xing-guang

**615. RESEARCH ON RESERVOIR RECONSTRUCTION TECHNOLOGY OF GEOTHERMAL ENERGY DEVELOPMENT IN LOW POROSITY AND LOW PERMEABILITY AREA OF JILIN OILFIELD TLE**

(IFEDC202212335)

JIA Peng-fei,ZHANG Yu-ting,YU Xue-meng

**XVII. Artificial Intelligence and Big Data in Oil & Gas Field Session**

**616. FACTOR ANALYSIS OF AFFECTING THE ACCURACY FOR INTELLIGENT PICKING OF SEISMIC FIRST ARRIVALS WITH DEEP LEARNING MODEL**

(IFEDC202213211)

LI Ning,GONG Ren-bin,LI Xin,LI Wei-wei,WU Bo-yu,REN Shu-hang

**617. INTELLIGENT EVALUATION METHOD OF OIL SAND DEVELOPMENT EFFECT**

(IFEDC202213193)

ZHANG Yu-qing,Dong Yin-tao,LIU Zhen-kun,LU Chuan,GAN Yun-yan

**618. PERMEABILITY PREDICTION FROM SEISMIC DATA USING THE DATA-MODEL-DRIVEN APPROACH**

(IFEDC202213044)

WEI Le-le,GAN Li-deng,DING Qian,YANG Hao

**619. A SURROGATE MODEL FOR NUMERICAL RESERVOIR SIMULATION OF CO<sub>2</sub> FLOODING BASED ON DEEP LEARNING**

(IFEDC202212703)

ZHAO Yu-wen,WANG Xiao-yan,JING Hai-quan,ZHANG Yang,WANG Xue-song et al.

**620. APPLICATION OF ENERGY SAVING AND CONSUMPTION REDUCTION MEASURES IN OIL FIELD BASED ON BIG DATA MINING THEORY**

(IFEDC202212586)

NI Pan,LV Peng,SUN Wei-chao

**621. DESIGN AND DEVELOPMENT OF DIGITAL INTELLIGENT FRACTURING PLATFORM**

(IFEDC202212487)

CHAI Long,ZHONG Xin-rong,CHEN Fei

**622. RESEARCH ON THE APPLICATION OF MACHINE LEARNING BASED APPROACHES FOR FORECASTING OIL-WATER RELATIVE PERMEABILITY CURVE**

(IFEDC202212422)

YU Yang,HE Liang-chen,LIU Yang,ZHANG Li-xia,LI Miao,BAO Yu

**623. RESEARCH ON ENERGY CONSUMPTION ANALYSIS METHOD OF LOW PRODUCTION WELLS BASED ON CLUSTER ANALYSIS**

(IFEDC202212375)

DONG Qiao-ling,SUN Hai-ying,SUN Chun-long,QI Xing,WANG Yang,LI Chun-hong et al.

**624. RESEARCH AND DESIGN OF FULL-ELECTRIC INTELLIGENT DRILLING SYSTEM**

(IFEDC202212316)

WU Chang-liang,ZHOU Zhi-xiong,ZHANG Ji-zhe,ZUO Wei-dong

**625. REAL-TIME LITHOLOGY INTELLIGENT DETECTION BASED ON MULTI-SOURCE INFORMATION FUSION**

(IFEDC202212176)

TAO Xin-gang,ZHANG Hong-bao,YANG Shun-hui,CHEN Dong,BAI Kan-kan,ZHOU Fei

**626. DATA GOVERNANCE FACILITATE DIGITAL TRANSFORMATION OF OIL AND GAS INDUSTRY**

(IFEDC202212167)

YAO Shang-lin,LIU He,ZHU Ming,LI Chong,REN Yi-li,SHAO Yan-wei et al.

**627. APPLICANCE OF BIGDATA TECHNIQUES FOR THE ANALYSIS OF CYCLIC STEAM STIMULATION (CSS) PROCESSES**

(IFEDC202212073)

HUANG De-sheng,MIAO He-ping,TANG Hui-quan

**628. OILFIELD PRODUCTION FORECASTING MODEL BASED ON BI-DIRECTIONAL LONG-SHORT TERM MEMORY NETWORK --SOUTH BEAM INTELLIGENT HYDRAULIC PUMPING OIL FIELD AS A CASE IN POINT**

(IFEDC202211883)

YANG Jing-wen,ZHAO Kai-feng,XU Jian-guo,ZHOU De-sheng

**629. THE APPLICATION PROGRESS AND TREND OF ARTIFICIAL INTELLIGENCE AND BIG DATA TECHNOLOGY IN THE FIELD OF RESERVOIR STIMULATION MEASURES**

(IFEDC202211847)

LIU Zhe,LEI Qun,WENG Ding-wei,WANG Xin,YANG Li-feng

**630. RESEARCH AND TEST OF INTELLIGENT SEPARATE PRODUCTION AND MEASUREMENT TECHNOLOGY IN HORIZONTAL WELLS**

(IFEDC202211546)

ZHENG Zhong-bo,HUANG You-quan,LIU Chong-jiang,WANG Long,ZHANG Ji-yang

**631. FEASIBILITY STUDY ON PREDICTING UNDERGROUND ELECTROMAGNETIC FIELD DATA BASED ON NEURAL NETWORK**

(IFEDC202211531)

WU Yu-han,LI Wei-qin,LIU Chang-min,WANG Wang-jiang,LIN Lei,PENG Meng et al.

**632. APPLICATION AND DEVELOPMENT OF BIG DATA IN OIL PRODUCTION ENGINEERING**

(IFEDC202211409)

ZHANG Dian-xu,FENG Li,JIANG Guo-Bin,DUAN Hong,JIN Dong-Ming

**633. RESEARCH ON DISCONTINUOUS STRUCTURE METHOD ACROSS PRODUCTION WELL BASED ON DOWNHOLE SURFACE ELECTROMAGNETIC WAVE**

(IFEDC202211382)

WANG Wan-jiang,LI Wei-qin,WU Yu-han,LIU Chang-min,MA Yan-qi,LIN Lei et al.

**634. STUDY OF EM COMMUNICATION TECHNOLOGY IN THE CASED WELL**

(IFEDC202211379)

PEI Xiao-han,SUN Fu-chao,MING Er-yang,CHEN Qiang,YANG Qing-hai,JIA De-li

**635. FEASIBILITY STUDY OF MCSEM BASED ON FD-IE METHOD OF DEEP NEURAL NETWORK**

(IFEDC202211259)

MA Yan-qi,LI Wei-qin,WU Yu-han,LIU Chang-min,WANG Wan-jiang,LIN Lei et al.

**636. SHEAR WAVE PREDICTION METHOD OF TUFFACEOUS RESERVOIR BASED ON LSTM CYCLIC NEURAL NETWORK**

(IFEDC202211159)

DONG Meng

**637. APPLICATION AND PROSPECT OF COMMUNITY OF PRACTICE IN PETROLEUM INDUSTRY**

(IFEDC202211073)

ZHAI Hui-ying,ZHENG Xiao-wu,LIU Bao-lin

**638. RESEARCH ON AUXILIARY MONITORING METHOD OF WELL KILLING WITH BIG DATA**

(IFEDC202210973)

LIANG Shuang,LUO Fang-yu,YU Hui-hui,GAO Jian,SHU Xiao-lin

**639. THE RESEARCH ON DELAY OPTIMIZATION TECHNOLOGY OF AUTOMATIC WELL KILLING PRESSURE CONTROL**

(IFEDC202210972)

LUO Fang-wei,WANG Peng-cheng,LIANG Shuang

**640. RESEARCH AND EVALUATION OF INTELLIGENT CONTROL AND OPTIMIZATION TECHNOLOGY BASED ON PUMP FILLAGE FOR BEAM PUMP UNIT**

(IFEDC202210923)

ZHANG Kai-bo

**641. A NEW METHOD FOR EVALUATING THE EFFECT OF OIL PRODUCTION WELL MEASURES BASED ON SOFTWARE PLATFORM**

(IFEDC202210875)

YU Kai-chun,WANG Fu-cheng,LIN Ji-xiang,FENG Min,WANG Yi-ling,LIU Jin-shan

**642. RESEARCH AND APPLICATION OF THE SMART VALVE IN THE PCOC**

(IFEDC202210870)

CHEN Xiao-gang,ZHANG Yun,ZHANG Qian,LIU Yin-chun,XUE Gang,BAI Hong-sheng et al.

**643. RESEARCH AND APPLICATION OF OIL AND GAS GATHERING AND TRANSPORTATION DATA ACQUISITION AND ENERGY CONSUMPTION MONITORING SYSTEM BASED ON INTERNET OF THINGS**

(IFEDC202210862)

ZHAO Jie

## **XVIII. Gas Storage Construction Session**

**644. STUDY ON HIGH EFFICIENCY SEPARATION TECHNOLOGY OF COMPRESSOR LUBRICATING OIL IN GAS STORAGE**

(IFEDC202213049)

HU Tao,XUE Gang,LI Dong-sheng,ZHAO Dong-sheng,FENG Jian-mei,WANG Ling-zi et al.

**645. APPLICATION OF HYDRAULIC FRACTURING GROUND STRESS MEASUREMENT TECHNOLOGY IN UGS OPERATING PRESSURE DESIGN**

(IFEDC202213023)

LIU Wei,XIN Chun-yan,WANG Qun-yi,SHANG Lin,SUN Yan-chun,GAO Guang-liang et al.

**646. OPTIMIZATION AND PERFORMANCE EVALUATION OF PLUGGING SCHEME FOR FRACTURED LEAKAGE IN GAS STORAGE DRILLING**

(IFEDC202212968)

LI Hai-tao,WEI Na,GE Zhao-long,JIANG Li,PEI Jun,ZHENG Hao-ran et al.

**647. SURFACE PROCESSING TECHNOLOGY AND PROSPECT OF CHANGQING GAS STORAGE**

(IFEDC202212959)

LI Dong-sheng,WANG Deng-hai,ZHANG Chun-hui,XUE Gang,HU Tao et al.

**648. EXPERIMENTAL STUDY ON DISPLACEMENT AND EXPANSION MECHANISM OF UNDERGROUND GAS STORAGE IN LOW PERMEABILITY RESERVOIR**

(IFEDC202212909)

YU Bei-bei,LI Hui,LI Qiu-yuan,YANG Shu-he,XU Wei,LI De-ning

**649. STRESS ANALYSIS OF SPECIAL THREAD TIGHTNESS OF INJECTION PRODUCTION STRING IN SALT CAVERN GAS STORAGE**

(IFEDC202212740)

WANG Ke,CHU Kai-jian,MA Tian-qi,ZHOU Guo-hua,WANG Feng

**650. EFFECT OF ALTERNATING LOAD ON SAND PRODUCTION OF GAS STORAGE**

(IFEDC202212665)

ZHANG Yu-da,YUAN Guang-jie,DONG Jing-nan,XIA Yan,BAN Fan-sheng,ZANG Chun-yang

**651. FINITE ELEMENT ANALYSIS OF CASING PREMIUM THREAD UNDER ALTERNATING LOAD**

(IFEDC202212366)

WANG Jian-jun,ZHANG Le,YANG Shang-yu,CHI Ming,JIA Shan-po

**652. RESEARCH ON THE CONSTRUCTION SCALE OF CHINA'S NATURAL GAS UNDERGROUND GAS STORAGE UNDER THE NEW SITUATION**

(IFEDC202212108)

WEI Huan,WANG Cheng-hao,LI Bin,DING Guo-sheng

**653. RESEARCH ON CHALLENGES AND TECHNICAL COUNTERMEASURES OF INTEGRATED NATURAL GAS EOR AND UGS**

(IFEDC202211964)

WANG Jin-fang,JIANG Tong-wen,LIN Bin,CHEN Hong,WEI Huan,ZHANG Xue-tao

**654. STUDY ON THE SAFETY ASSESSMENT OF OLD WELLS IN SIZHAN GAS STORAGE GROUPS**

(IFEDC202211924)

AN zhibo,HE Haijun,WANG Peng,HUANG Weiming,WANG Qingduo

**655. STUDY ON SITE SELECTION METHOD FOR REBUILDING GAS STORAGE BY LITHOLOGIC GAS RESERVOIR**

(IFEDC202211748)

YANG Qiong-jing,WANG De-long,WANG Ya-lan,TANG Jing

**656. EVALUATION OF INJECTION-PRODUCTION OVERFLOW OF GAS STORAGE RECONSTRUCTED BY LITHOLOGIC GAS RESERVOIR**

(IFEDC202211742)

WANG De-long,LI Jin-bu,ZHANG Jian-guo,Wang Lei-lei,Xia Yong



**657. STUDY ON INJECTION PRODUCTION OPERATION LAW OF J GAS STORAGE**

(IFEDC202211393)

WANG Ya-ni,LIU Tuan-hui,XI Zeng-qiang,XIAN Meng-yuan,CHEN Xi,ZHOU Shuai-qi et al.

**658. STUDY ON THE RAPID EVALUATION SYSTEM FOR ROCK SLOPE STABILITY  
BASED ON THE CSMR SYSTEM**

(IFEDC202211252)

XU Yu,LEI Yin,CHEN Yi Lin

**659. CALCULATION OF THE EFFECTIVE GAS STORAGE CAPACITY OF THE WATER  
INJECTED OIL AND GAS RESERVOIRS**

(IFEDC202211239)

JIA Qian,SUN Yan-chun,GAO Guang-liang,DUAN Bin,SUN Jun-chang,SHANG Lin et al.

**660. SEALING EVALUATION TECHNOLOGY OF RESERVOIR GAS STORAGE UNDER  
ALTERNATING LOAD**

(IFEDC202211221)

WANG Miao,WANG Li-na,HE Hai-yan,DUAN Bin,XIN Chun-yan

**661. FINE EVALUATION OF SALT FORMATION AND OLD CAVERN FORECAST IN  
YE-XIAN SALT CAVERN UNDERGROUND GAS STORAGE**

(IFEDC202211179)

ZHANG Bo,GAO Yan,CHEN Kai-yan,JIA Jian-chao,LIU Tuan-hui,XI Zeng-qiang et al.

**662. A NEW MAGNETIC RANGING TECHNOLOGY ACHIEVES THE ACCURACY AND  
OPERATIONAL FLEXIBILITY NEEDED FOR PLUGGING COMPLEX OLD WELLS  
OF UNDERGROUND GAS STORAGE**

(IFEDC202210975)

CHE Yang,QIAO Lei,YUAN Guang-jie,LIN Sheng-jie,DU Wei-qiang,WANG Chen-long et al.

**663. APPLICATION OF 4D GEOMECHANICAL RESEARCH IN FAULT CRITICAL  
RE-ACTIVE STRESS EVALUATION OF UNDERGROUND GAS STORAGE**

(IFEDC202210960)

XING Yang-yi,HUANG Xing-ning,LI Wen-hong,QIN Xu

**664. STUDY AND ANALYSIS OF LEAKAGE AND DIFFUSION LAW OF HIGH PRESSURE  
GAS INJECTION PIPELINE IN GAS STORAGE**

(IFEDC202210950)

XUE Gang,YANG Guang,XU Qian,WEI Wei,HU Tao,LI Dong-sheng et al.

## **XIX. Resources Management and Evaluation Technology**

**665. STUDY ON RISK ANALYSIS AND COUNTERMEASURES OF HSE SUPERVISION  
AND MANAGEMENT FOR CONTRACTORS OF OFFSHORE OIL PLATFORM**

(IFEDC202213019)

CAO Hong-liang,LI Hai-tao,ZHANG Jing-guo

**666. THE INFLUENCING FACTORS AND METHODS OF HSE MANAGEMENT IN INTERNATIONAL GENERAL CONTRACT PROJECTS**

(IFEDC202212733)

WANG Yu,SAI Yun-xiu,QIU Lin-hao,ZHANG Huan-jie

**667. RESEARCH ON EMPLOYEES' HEALTH PROTECTION OF OFFSHORE DRILLING UNDER COVID-19**

(IFEDC202212626)

CAO Hong-liang

**668. RISK ASSESSMENT FOR HIGH CONSEQUENCE AREAS OF OIL PIPELINE BASED ON QUANTITATIVE RISK ANALYSIS**

(IFEDC202212583)

LIANG Dong-dong,HOU Zong-jie,LI Shi-qiang,DU Xin,ZHOU Yan,FU Ping et al.

**669. AN ANALYSIS OF THE IMPACT OF CARBON EMISSION POLICY ON PROJECT ECONOMICS IN INDONESIA**

(IFEDC202212543)

YI Jie-xin,LIANG Tao,GAO Feng,PENG Yun,LI Jia,LIU Yan-lu

**670. ANALYSIS ON FISCAL RISKS OF OIL AND GAS INDUSTRY AND ITS IMPACT ON PROJECT BENEFITS UNDER ENERGY TRANSFORMATION**

(IFEDC202212240)

PENG Yun,LI Jia,GAO Feng,YI JieXin

**671. DEVELOPMENT AND APPLICATION OF MOBILE MULTI-FUNCTIONAL HAZARDOUS WASTE TEMPORARY STORAGE DEVICE AT WELL SITE**

(IFEDC202211906)

LIU Yin,LI Liang,ZHOU Su-lin,HU You-li

**672. EXPLORATION OF CHINA-EU ENERGY RELATIONS AND COOPERATION MODELS UNDER THE CARBON NEUTRALITY GOAL**

(IFEDC202211837)

LIU Chun-feng,ZHANG Song

**673. CARBON NEUTRALITY: DEEPEN STRATEGIC LAYOUT AND PRESENT COMPELLING CHINA STORIES**

(IFEDC202211836)

LIU Chun-feng,ZHANG Song

**674. STUDY ON TECHNICAL LIMITS OF COMMINGLING PRODUCTION IN DEEP GAS RESERVOIRS WITH WATER**

(IFEDC202211747)

ZHANG Yan,DENG Hui,FAN Huai-cai,SHI Yan-sheng,LU Jie,YANG Ze-en et al.

**675. RESEARCH AND APPLICATION OF CONTINGENCE FEE ESTIMATION METHOD FOR SURFACE ENGINEERING EVALUATION OF NEW ABROAD OIL AND GAS PROJECTS**

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CHEN Rong,ZHANG Guo Hui,YI Cheng Gao,HE Yuan-yuan

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