

《油气藏评价与开发》2025年第15卷总目次

页岩油气专题

【专家论坛】	期数	页数
中国石化探区和邻区页岩原位开采选区评价 .....		
.....郭旭升,李王鹏,申宝剑,胡宗全,赵培荣,黎茂稳,高波,冯动军,刘雅利,武晓玲,苏建政	1	( 1 )
苏北盆地中低TOC复杂断块页岩油勘探进展与攻关方向 .....	1	( 11 )
.....钟志国,于雯泉,段宏亮,杨保良		
<b>【油气勘探】</b>		
苏北盆地低有机质断块型页岩油测井评价方法及应用 .....	1	( 19 )
.....钱诗友,杨志强,徐晨		
页岩纹层类型与测井表征方法研究——以苏北盆地高邮凹陷阜宁组二段为例 .....	1	( 28 )
.....唐磊,廖文婷,夏连军,马捷,张娟		
深层页岩储层裂缝识别及有效性评价方法研究及应用——以四川盆地南部为例 .....		
.....邱小雪,石学文,廖茂杰,张洞君,高翔,杨杨,钟光海,刘鹏	1	( 40 )
常压页岩气藏储量起算标准研究——以渝东南地区武隆区块五峰组—龙马溪组页岩气藏为例 .....	1	( 49 )
.....陈玲,孙伟,周亚彤		
顺北4号断裂带凝析气藏相态特征及差异富集主控因素 .....	1	( 56 )
.....任泓宇,张子轶,肖重阳,谭涛,马冬晨,黄诗文		
基于地震属性堆叠泛化集成学习的辫状河储层构型表征——以渤海湾盆地C-2油田为例 .....		
.....张章,孟鹏,杨威,张小龙,黄奇,王浩然	1	( 64 )
<b>【油气开发】</b>		
页岩油含油饱和度对渗吸采收率的影响规律研究 .....	1	( 73 )
.....周旭,马超,刘超,唐嘉婧,刘怡麟		
考虑压裂缝网连通的页岩气井组试井分析方法 .....	1	( 79 )
.....胡小虎,刘华,何辉,袁鸿飞		
基于分形理论的聚合物颗粒分散相驱油相对渗透率模型 .....	1	( 88 )
.....崔传智,隋迎飞,王一单,吴忠维,李静		
基于流动物质平衡理论的凝析气藏动态储量计算方法 .....	1	( 96 )
.....赵令博,段永刚,罗乐,周金鑫		
中低渗油藏高倍数水驱过程中水相渗透率变化特征 .....	1	( 103 )
.....马晓丽,毕永斌,蒋明洁,李丹,顾潇		
利用相渗曲线探索递减率随含水率变化呈现的规律 .....	1	( 110 )
.....马培申,孙宜丽,舒政,谭夜强,余强,张薇,吴长虎,齐勇		
海上大井距高强度蒸汽吞吐开发规律及开发策略 .....	1	( 116 )
.....罗宪波,冯海潮,刘东,郑伟,王树涛,王公昌		
<b>【工程工艺】</b>		
夹层型陆相页岩油储层压裂裂缝扩展实验研究 .....	1	( 124 )
.....柴妮娜,李嘉瑞,张力文,王俊杰,刘亚鹏,朱伦		
页岩储层剪切滑移粗糙缝内支撑剂铺置实验研究 .....	1	( 131 )
.....张涛,陈洪丽,王琨,苟浩然,张一凡,唐堂,周航宇,左恒博		
基于深度学习的页岩气藏压裂缝网反演方法研究 .....	1	( 142 )
.....陈维铭,蒋琳,罗彤彤,李悦,汪健华		
基于模糊逻辑控制的页岩气井智能化调产预警 .....	1	( 152 )
.....何春艳,赵勇,李南颖,杨建,曹海涛,唐荣林		
基于工程临界评定(ECA)的海洋油气导管架平台结构裂纹评定 .....	1	( 161 )
.....杜鹏		

深层煤层气专题

【专家论坛】	期数	页数
沁水盆地高阶煤层气水平井高效开发技术及实践 .....	2	( 167 )
.....武玺		
鄂尔多斯盆地南部聚煤作用控气和煤层气勘探潜力——以旬宜探区石炭系太原组为例 .....		
.....王良军,王勇,章新文,金芸芸,朱颜,张高源,李晖,李旺举	2	( 175 )
<b>【油气勘探】</b>		
四川盆地煤层气勘探开发现状与前景 .....	2	( 185 )
.....朱苏阳,刘伟,王运峰,贾春生,陈朝刚,彭小龙		
四川盆地长宁地区深层煤层气成藏特征与勘探潜力 .....	2	( 194 )
.....杨雪,田冲,杨雨然,张景缘,王青,吴伟,罗超		
沁水盆地寿阳地区晚石炭—早二叠世煤系沉积特征及对共生气藏的控制 .....	2	( 205 )
.....王振国,康丽芳,张亚飞,郭明强		
鄂尔多斯盆地东部深部煤系储层微观孔隙结构特征及启示 .....		
.....马立涛,吴鹏,杨江浩,胡维强,黄英,刘成,牛艳伟,王志壮,任大忠	2	( 217 )
深/浅部煤储层孔隙结构及三维空间分布差异特征——以准噶尔盆地为例 .....	2	( 227 )
.....王鹏翔,张洲,余婉莹,邹强,杨正滔		
<b>【油气开发】</b>		
深部致密煤藏适度就地气化可行性评价方法及应用 .....	2	( 237 )
.....康毅力,邵俊华,刘嘉榕,陈明君,游利军,陈雪妮,曹望坤		
基于改进SSA-BPNN的煤层气直井井底流压预测研究 .....	2	( 250 )
.....余洋,董银涛,李云波,包宇,张立侠,孙浩		

鄂尔多斯盆地保德区块煤层气井可采储量与产气特征研究 .....	张文,黄红星,刘莹,冯延青,孙伟,李子玲,王婧,赵增平	2	(257)
基于机器学习的煤层气井产能预测与压裂参数优化 .....	胡秋嘉,刘春春,张建国,崔新瑞,王千,王琪,李俊,何珊	2	(266)
高含水油藏流动非均质性的表征及应用 .....	张敏,金忠康,冯绪波	2	(274)

**【工程工艺】**

钻井液作用下割理发育煤岩失稳机理研究 .....	欧阳勇,谢文敏,丁吉平,冯福平,王鹤远,杨冬临,马驰,吕海川	2	(284)
深部煤层气油电混驱压裂设备配置与工艺技术 .....	赵崇胜,王波,苟波,罗鹏飞,陈国军,巫国全	2	(292)
深层煤层气水平井地质导向技术应用与探讨——以鄂尔多斯盆地神木气田X区块为例 .....	林伟强,丛彭,王红,魏子琛,杨云天,么志强,曲丽丽,马立民,王方鲁	2	(300)
深层煤层水平井压裂动态应力场研究——以鄂尔多斯盆地大宁—吉县区块为例 .....	赵海峰,王成旺,席悦,王超伟	2	(310)
低温催化蒸解处理油基钻屑的参数优化 .....	黄尧奇,夏玉峰	2	(324)
弯曲影响下悬链锚腿系泊系统在南海涠洲海域适用性分析 .....	张宗峰,薛绪田,杜鹏,魏羲,陈同彦	2	(332)

**深层油气藏专题**

**【专家论坛】**

中国页岩气发展的回顾与思考——从志留系到寒武系 .....	郭彤楼	3	(339)
苏北盆地深层致密储层“甜点”表征及体积压裂参数优化方法 .....	唐建东,张顺康,林式微,葛政俊,林波	3	(349)
苏北盆地深层油气富集机理及勘探关键技术 .....	朱相羽,于雯泉,张健伟,李储华,李鹤永	3	(357)
多模型油气开发智能诊断及优化技术研究与应用 .....	景帅,吴建军,马承杰	3	(373)

**【油气勘探】**

深层寒武系成岩流体演化与油气成藏——以塔里木盆地库车坳陷托探1井为例 .....	杨宪彰,黄亚浩,王斌,文志刚,周露,张科,何涛华,罗涛,陈笑,曾强浩	3	(382)
深层超致密砂岩孔隙演化特征及“甜点”储层发育模式——以川西坳陷东部斜坡须家河组二段为例 .....	程炳杰,廖哲渊,吕正祥,谢诚,蔡永煌,刘四兵,李峰,张世华	3	(394)
基于多元力学实验的深层页岩气储层岩石力学特征研究 .....	冯少柯,熊亮	3	(406)
“双高”处理技术在薄储层识别中的应用——以川中蓬莱地区深层二叠系茅口组为例 .....	彭浩天,何青林,陈康,曾鸣,何宗强,屠志慧,孔令霞,屈伯章	3	(417)
超深层高压基岩储层特征及有利区优选——以柴达木盆地昆特依气藏昆2区块为例 .....	曹慧,张国卿,徐丽,李哲翔,王海成,赵昌阳,费瑛	3	(425)
基于二维云模型的测井储层流体评价方法研究——以塔里木盆地库车坳陷为例 .....	王书黎,王锦国,张承森,张喆安,帕尔哈提·凯山,刘龙成	3	(434)
天然裂缝发育特征及智能化识别方法——以四川盆地川西坳陷上三叠统须家河组为例 .....	李伟,王民,肖佃师,金惠,邵好明,崔俊峰,贾益东,张泽元,李明	3	(443)
苏北盆地高邮凹陷深层戴南组一段三亚段油气富集特征 .....	李书瑜,范立新,夏连军,张娟,何俊卿,张昊,李越哲	3	(455)
地热水溶型和天然气伴生型氦气来源特征对比——以渭河盆地和鄂尔多斯盆地北部为例 .....	张瑾,张凤奇,邹彦荣,任小庆,陈红果,王鹏涛,茹荣,张文	3	(463)

**【油气开发】**

顺北超深断控凝析气藏流体非平衡相变对开采效果影响 .....	张宁,曹飞,李宗宇,张云,孙扬,潘毅,孙雷	3	(471)
基于改进LSTM神经网络的加密井产能预测研究——以川南中深层页岩气为例 .....	官文洁,彭小龙,朱苏阳,杨晨,彭真,马潇然	3	(479)
页岩气产能评价研究进展:内涵、方法和方向 .....	朱苏阳,彭真,邸云婷,彭小龙,刘东晨,官文洁	3	(488)
基于改进饥饿游戏搜索算法的CO <sub>2</sub> 水气交替驱注入参数优化 .....	吴公益,孙宇新,孙晓飞,姬洪明,张艳玉	3	(500)

**【工程工艺】**

CO <sub>2</sub> 封存泄漏立体监测技术的探索与应用——以苏北盆地张家垛油田为例 .....	陈兴明,钱洋慧,陈忠志,陈子凡	3	(508)
深层页岩气纤维压裂及纤维暂堵技术研究与应用 .....	胡俊杰,卢聪,郭建春,曾波,郭兴午,马莅,孙玉铎	3	(515)
多压力系统超深气井排气降密度安全钻井技术 .....	李涛,杨哲,池崇荣,聂尊浩,徐志凯,陈勋,王飞	3	(522)
深层页岩狭长缝内支撑剂沉降运移规律实验研究 .....	刘浩琦,陈富红,余致理,龚伟,罗西,林魂	3	(528)

## CCUS 专题

### 【专家论坛】

页岩油藏 CO<sub>2</sub> 吞吐增油及埋存主控因素研究 .....陈军,王海妹,陈曦,汤勇,唐良睿,斯容,王慧珺,黄显著,冷冰 4 (537)

### 【方法理论】

储层条件下 CO<sub>2</sub>-水岩反应对砂岩储层地化性质影响研究 .....张超,朱鹏宇,黄天镜,鄢长灏,柳洁,王博,张斌,张益  
注入介质和注入方式对致密油提高采收程度影响实验研究——以大庆扶余储层为例 ..... 4 (545)

.....汤勇,袁晨刚,何佑伟,黄亮,于福吉,梁秀丽 4 (554)

碳酸盐岩储气库多孔介质中多组分体系扩散规律研究 .....张芮菡,胡博,彭先,张飞,汪永朝,赵玉龙 4 (564)

CO<sub>2</sub> 作用下碳酸盐岩物性及孔喉结构变化特征 .....吴潇,刘润昌 4 (571)

重质烷烃对页岩中 CO<sub>2</sub> 与 CH<sub>4</sub> 竞争吸附的影响机制 .....张欢,柴昊楠,赵洪宝,杜双利,李义涛 4 (579)

海上 L 低渗油藏 CO<sub>2</sub> 混相驱微观动用特征实验研究 .....何洋,汪周华,郑祖号,涂汉敏,何友才 4 (589)

N<sub>2</sub> 对含 CO<sub>2</sub> 注入气的物性参数影响实验及相平衡规律研究 .....秦楠,甘笑非,罗瑜,刘晓旭,温斌,陈星宇 4 (597)

注 CO<sub>2</sub> 剖面氧活化测井渡越时间 ACO-NM 混合优化计算方法 .....王争妍,陈猛,杨国锋,刘国权,裴阳,陈强 4 (605)

LARSEN & SKAUGE 相渗滞后模型在高温高压 CO<sub>2</sub>-水互驱实验中的适应性 ..... 4 (613)

.....王烁石,纪强,郭平,刘煌,温连辉,徐锐锋,汪周华,张瑞旭 4 (613)

中深层稠油油藏注超临界 CO<sub>2</sub> 吞吐开发室内实验研究 ..... 4 (625)

.....四郎洛加,周翔,孙新革,赵玉龙,张烈辉,吴洋,普宏槟,蒋琪 4 (625)

地质封存过程中 CO<sub>2</sub> 注入对地层影响研究进展 .....王展鹏,刘双星,刘琦,杨术刚,张敏,鲜成钢,翁艺斌 4 (632)

苏北断块型圈闭基于安全性 CO<sub>2</sub> 地质封存能力计算方法研究 .....孙东升,张顺康,王智林,葛政俊,林波 4 (641)

枯竭气藏盐膏层 CO<sub>2</sub> 封存密闭性评价研究 .....蒋贝贝,刘佳波,张国强,王栋,李颖,罗红文,周浪 4 (646)

气田采出水回注地层 CO<sub>2</sub> 封存赋存状态研究 .....杨术刚,任金蔓,蔡明玉,刘浩童,刘双星,薛明,张坤峰 4 (656)

### 【矿场应用】

低渗透油藏 CO<sub>2</sub> 驱开发全过程动态预测 .....王彦伟,林利飞,王恒力 4 (664)

低渗致密油藏 CO<sub>2</sub>-黏弹性流体协同驱油效果评价及矿场应用 .....汤瑞佳,陈龙龙,谢旭强,赵聪,王蓓蕾,江绍静 4 (672)

有缆智能分层采油技术研究与现场试验 .....邓吉彬,康玉阳,严卫杰,叶红,张向阳 4 (679)

### 【综合研究】

超高温高压低渗气藏多因素产能图版定量研究 .....张骞,范昭宇,王琴,唐慧敏,何志辉 4 (686)

考虑岩石和流体特性的页岩油流动规律模拟 .....李萌,王文东,苏玉亮,张建,范振宁,梁海宁 4 (694)

缝洞型油藏流动实验仿真模拟方法研究 .....惠健 4 (704)

## 海上油气专题

### 【专家论坛】

东海陆架盆地西湖凹陷油气开发技术及攻关方向 .....赵勇,李久娣,严曙梅,李基伟,田彬,潘潞,徐晨,陈磊,雷蕾,吕鹏 5 (711)

断陷期源汇系统及勘探方向——以东海陆架盆地西湖凹陷平北地区为例 张尚虎,李昆,庄建建,朱宝衡,郑欣,杨超 5 (722)

东海低渗气藏开发实践与思考 .....李久娣,田彬,李基伟,王健伟,赵天沛,丁利 5 (734)

### 【油气勘探】

琼东南盆地陵水凹陷北坡沉积特征及油气地质意义 .....牛华伟,杨鹏程,刘闯,王旖旎,桑亚迪,董鑫,张如凤,金可洁 5 (740)

西湖凹陷迎翠轩地区钻遇古新统证据探讨及意义 .....江东辉,庄建建,杏绿芽,张传运,袁忠鹏,杨超 5 (750)

东海陆架盆地西湖凹陷三潭深凹储层差异成岩演化与评价 .....张沛,李昆,庄建建,谭毅滢 5 (760)

平湖组砂层组级别沉积演化及主控因素——以东海陆架盆地西湖凹陷 W 井区为例 ..... 5 (773)

.....王健伟,吕鹏,王泽群,严曙梅,潘潞,林立新,王瑞,徐晨,刘舒,黄小娟 5 (773)

基于深度学习的智能速度谱拾取技术及应用 .....许冲 5 (788)

基于集成算法的玛湖凹陷油气储层价值预测模型 .....袁婧,贾鹿,许国剑,艾民,李嗣旭 5 (796)

### 【油气开发】

深埋潜山凝析气藏反凝析伤害评价及注气提高采收率研究 .....姜永,罗宪波,张祺轩,吴金涛,杨晨旭 5 (807)

基于产气剖面的致密气藏裂缝参数自动反演研究 .....肖红林,卜春亮,侯甫,唐慧莹,王艺云,罗山贵 5 (815)

基于核磁共振与孔隙尺度模拟的致密油藏渗吸机理研究 .....齐怀彦,杨国斌,朱亚娣,邓茗心,耿少阳,田伟超 5 (824)

基于机器学习的裂缝水驱气藏采收率预测方法 .....孙秋分,秦佳正,冯乔,乔宇,刘雅昕,赵启阳,徐良,闫春 5 (834)

**【工程工艺】**

夹层型页岩油储层自吸排油特征及其主控因素研究 .....	樊云鹏,文志刚,李楨,何右安,田伟超,刘雨航	5	(844)
水平井井地模型人工智能预测方法研究与应用 .....	李裕涛,李潮流,魏兴云,王浩	5	(858)
利用微震连续裂缝网络和视应力定量评价重复压裂效果 .....	陆红军,达引朋,赵争光,李磊,白晓虎,李建辉,田益博	5	(872)
紫外活性铁碳微电解和过硫酸钾降解含聚丙烯酰胺废水 .....	黄尧奇,赵忠敏	5	(881)

**【非烃能源资源】**

莺歌海盆地 X 气田基于地热模型的地热资源评价 .....	梁玉凯,郑华安,曾倩宜,宋吉锋,田中原,蒋恕	5	(891)
湖南长沙盆地中深层地地质特征及资源潜力评价 .....	朱兆群,吴复柱,边凯,蒋飞军,赵存良,李丹,石守桥	5	(900)
枯竭气藏型碳酸盐岩储气库地质力学建模与完整性评价 .....	陈渝页,唐源霜,周鸿,王涵,郑鑫,王昱珩,陆开琛,唐慧莹	5	(912)
沁水盆地南部 3 号煤层气稀有气体同位素特征及氦的稀释 .....	徐聃,张聪,贾慧敏,李玉宏,秦胜飞,张文,周俊林,马尚伟,范焱	5	(921)
川南长宁地区五峰组—龙马溪组氦气特征及资源潜力分析 .....	于朕翔,陈雷,陈鑫,刘睿,谭秀成,吴帅材,秦何星,许强	5	(933)

**“煤系气”专题**

**【专家论坛】**

煤系气储层孔隙发育特征与成藏潜力——以尼泊尔低喜马拉雅造山带 Tansen 地区为例 .....	桑树勋,何俊杰,韩思杰,KUMAR Khadka,周效志,刘世奇,UPENDRA Baral,SAUNAK Bhandari	6	(947)
新疆富油煤地面与原位低碳开发利用技术现状及发展方向 .....	韦波,杨曙光,李鑫,唐助云,张娜,王博,赵琛,李锦如,赵正威,冯烁,贾超	6	(959)
煤矿区煤层气开发技术应用现状及展望 .....	孙四清,杨帆,郑玉岐,张群,李浩哲,张庆利,程斌,李文博,吴晓眩	6	(972)

**【油气勘探】**

鄂尔多斯盆地东缘低压致密砂岩气储层敏感性实验研究 .....	陈明君,唐星宇,王玉斌,康毅力,郭智栋,颜茂凌,陈雪妮	6	(983)
超临界 CO <sub>2</sub> -H <sub>2</sub> O 作用下不同煤阶煤体孔隙结构演化及分形特征 .....	宋学梅,张琨,董良,马萌芽,刘会虎,徐宏杰,王智	6	(995)
黄骅坳陷石炭系—二叠系煤系页岩沉积特征及富气潜力 .....	鄢继华,蒲秀刚,侯中帅,陈世悦	6	(1007)
西湖凹陷 K 气田薄煤系地层声波测井曲线拟合及应用 .....	王瑞,刘舒,郝伟航,严曙梅,徐晨,吕鹏	6	(1017)

**【油气开发】**

碎裂煤中煤粉运移对孔渗影响的数值模拟研究 .....	石慧,谢天成,刘子亮,蒋志坤,魏迎春	6	(1025)
顶板致密砂岩气对深部煤层气井产气效果的影响——以鄂尔多斯盆地神府区块为例 .....	王小东,王宇川,梁萧磊,康丽芳,晁巍巍,刘世奇,皇凡生,王文楷,梁渝	6	(1034)
一种基于时序注意力动态卷积的油气井产量预测方法 .....	杨晨,彭小龙,朱苏阳,王超文,官文洁,向东流	6	(1046)
考虑井间干扰影响的气藏动储量计算新方法研究 .....	藤赛男,李元生,王健伟,盛志超,张莉莉	6	(1056)

**【工程工艺】**

淮南矿区松软低渗煤层地面瓦斯治理技术研究与应用 .....	彭煜敏,丁华忠,丁同福,苏雷,童碧,荚胜丰,陈本良,唐勇敢,刘超,袁广,罗荣道,张明志,高萌	6	(1061)
二连盆地低阶煤地质工程一体化压裂技术实践 .....	韩明哲,杨小平,马文峰,肖梦媚,王璇,刘俟含,贾巍,方慧丽,张洋,连小华,王青川,聂志昆	6	(1070)
高产水气井自适应智能排采工艺的设计与应用 .....	罗懿,周瑞立,符伟兵,乔倩瑜,孔浩	6	(1080)
毕节试验区煤层气开发分支井类型优选 .....	步玉环,路通,路畅,向刚,郭胜来	6	(1088)
东海导管架平台改造优化的频谱疲劳分析法 .....	冯勤,赵勇	6	(1096)

**【非烃能源资源】**

多尺度离散裂缝三维精细地质建模及地热资源评价研究——以渤海湾盆地献县地热田为例 .....	任小庆,高小荣,王红亮,刘健,孙彩霞,卢星辰,孙致学	6	(1104)
基于声波远探测技术裸眼老井地下定位研究与验证 .....	车阳,董京楠,陈春宇,方明星,谭茂金,唐泓泓	6	(1112)
砂岩油藏改建储气库渗流仿真实验和产能预测——以大港油田板深 37 断块为例 .....	吕栋梁,黎鸿屿,李健,成亚斌,李辉	6	(1121)
油藏改建储气库多周期与单周期多级压力下相间传质研究 .....	孔德彬,杨星星,张可,程耀泽,高嘉豪,李傲	6	(1130)
油藏型储气库周期注采渗流和库容特征物理模拟 .....	张国辉,徐德月,李佳慧,绪磊,黄亮,马健,李娜,张禄	6	(1139)

Shale Oil and Gas

	No.	Page
<b>[Specialist Forum]</b>		
Selection evaluation of in-situ exploitation of oil shale in Sinopec exploration areas and adjacent areas .....	1	( 1 )
.....GUO Xusheng, LI Wangpeng, SHEN Baojian, HU Zongquan, ZHAO Peirong, LI Maowen, GAO Bo, FENG Dongjun, LIU Yali, WU Xiaoling, SU Jianzheng		
Progress and research direction of shale oil exploration in complex fault blocks with low to medium TOC in Subei Basin .....	1	( 11 )
.....ZHONG Zhiguo, YU Wenquan, DUAN Hongliang, YANG Baoliang		
<b>[Oil and Gas Exploration]</b>		
Logging evaluation methods of low-organic matter fault-block shale oil in the Subei Basin and their application .....	1	( 19 )
.....QIAN Shiyou, YANG Zhiqiang, XU Chen		
Research on shale lamination types and logging characterization methods: A case study of the Funing Formation Member 2 in Gaoyou Sag, Subei Basin .....	1	( 28 )
.....TANG Lei, LIAO Wenting, XIA Lianjun, MA Jie, ZHANG Juan		
Research and application of fracture identification and effectiveness evaluation methods for deep shale reservoirs: A case study in southern Sichuan Basin .....	1	( 40 )
.....QIU Xiaoxue, SHI Xuewen, LIAO Maojie, ZHANG Dongjun, GAO Xiang, YANG Yang, ZHONG Guanghai, LIU Peng		
Study on reserve calculation standards for normal-pressure shale gas reservoirs: A case study of Wufeng-Longmaxi Formation shale gas reservoir in the Wulong block of southeastern Chongqing .....	1	( 49 )
.....CHEN Ling, SUN Wei, ZHOU Yatong		
Phase characteristics and main controlling factors of differential enrichment of condensate gas reservoirs in the Shunbei No. 4 fault zone .....	1	( 56 )
.....REN Hongyu, ZHANG Ziyi, XIAO Chongyang, TAN Tao, MA Dongchen, HUANG Shiwen		
Characterization of braided river reservoir architecture based on seismic attribute stacking ensemble learning: A case study of the C-2 oilfield in the Bohai Bay Basin .....	1	( 64 )
.....ZHANG Zhang, MENG Peng, YANG Wei, ZHANG Xiaolong, HUANG Qi, WANG Haoran		
<b>[Oil and Gas Development]</b>		
Study on the influence of shale oil saturation on imbibition recovery rate .....	1	( 73 )
.....ZHOU Xu, MA Chao, LIU Chao, TANG Jiajing, LIU Yilin		
Well test analysis method of shale gas well groups considering fracture network connectivity .....	1	( 79 )
.....HU Xiaohu, LIU Hua, HE Hui, YUAN Hongfei		
Relative permeability model of polymer particle dispersed phase for oil displacement based on fractal theory .....	1	( 88 )
.....CUI Chuanzhi, SUI Yingfei, WANG Yidan, WU Zhongwei, LI Jing		
Dynamic reserve calculation method for gas-condensate reservoirs based on flowing material balance theory .....	1	( 96 )
.....ZHAO Lingbo, DUAN Yonggang, LUO Le, ZHOU Jinxin		
Characteristics of water phase permeability variation in medium-low permeability oil reservoirs during high multiple waterflooding .....	1	( 103 )
.....MA Xiaoli, BI Yongbin, JIANG Mingjie, LI Dan, GU Xiao		
Study on variation in decline rate with water cut using relative permeability curves .....	1	( 110 )
.....MA Peishen, SUN Yili, SHU Zheng, TAN Yeqiang, YU Qiang, ZHANG Wei, WU Changhu, QI Yong		
Development patterns and strategies for offshore high-intensity steam stimulation with large well spacing .....	1	( 116 )
.....LUO Xianbo, FENG Haichao, LIU Dong, ZHENG Wei, WANG Shutao, WANG Gongchang		
<b>[Engineering Techniques]</b>		
Experimental study on hydraulic fracture propagation in interbedded continental shale oil reservoirs .....	1	( 124 )
.....CHAI Nina, LI Jiarui, ZHANG Liwen, WANG Junjie, LIU Yapeng, ZHU Lun		
Experimental study on proppant placement in rough fractures with shear slippage in shale reservoirs .....	1	( 131 )
.....ZHANG Tao, CHEN Hongli, WANG Kun, GOU Haoran, ZHANG Yifan, TANG Tang, ZHOU Hangyu, ZUO Hengbo		
Research on deep learning-based fracture network inversion method for shale gas reservoirs .....	1	( 142 )
.....CHEN Weiming, JIANG Lin, LUO Tongtong, LI Yue, WANG Jianhua		
Intelligent production adjustment early warning for shale gas wells based on fuzzy logic control .....	1	( 152 )
.....HE Chunyan, ZHAO Yong, LI Nanying, YANG Jian, CAO Haitao, TANG Ronglin		
Structural assessment of an offshore oil and gas jacket platform with cracks based on engineering critical assessment (ECA) .....	1	( 161 )
.....DU Peng		

Deep Coalbed Methane

<b>[Specialist Forum]</b>		
Technology and practice for efficient development of coalbed methane horizontal wells in high-rank coal of Qinshui Basin .....	2	( 167 )
.....WU Xi		
Coal accumulation control on gas and coalbed methane exploration potential in southern Ordos Basin: A case study of Carboniferous Taiyuan Formation in Xunyi exploration area .....	2	( 175 )
.....WANG Liangjun, WANG Yong, ZHANG Xinwen, JIN Yunyun, ZHU Yan, ZHANG Gaoyuan, LI Hui, LI Wangju		
<b>[Oil and Gas Exploration]</b>		
Current situation and prospects of coalbed methane exploration and development in Sichuan Basin .....	2	( 185 )
.....ZHU Suyang, LIU Wei, WANG Yunfeng, JIA Chunsheng, CHEN Chaogang, PENG Xiaolong		
Accumulation characteristics and exploration potential of deep coalbed methane in Changning area of Sichuan Basin .....	2	( 194 )
.....YANG Xue, TIAN Chong, YANG Yuran, ZHANG Jingyuan, WANG Qing, WU Wei, LUO Chao		
Sedimentary characteristics of Late Carboniferous to Early Permian coal measures and its control on symbiotic gas reservoirs in Shouyang area, Qinshui Basin .....	2	( 205 )
.....WANG Zhenguo, KANG Lifang, ZHANG Yafei, GUO Mingqiang		
Microscopic pore structure characteristics and implications of deep coal measure reservoirs in eastern Ordos Basin .....	2	( 217 )
.....MA Litao, WU Peng, YANG Jianghao, HU Weiqiang, HUANG Ying, LIU Cheng, NIU Yanwei, WANG Zhizhuang, REN Dazhong		
Characteristics of pore-fracture structure and three-dimensional spatial distribution differences in deep and shallow coal reservoirs: A case study of Junggar Basin .....	2	( 227 )
.....WANG Pengxiang, ZHANG Zhou, YU Wanying, ZOU Qiang, YANG Zhengtao		
<b>[Oil and Gas Development]</b>		
Feasibility evaluation method and application of moderate in-situ gasification in deep tight coal & gas reservoirs .....	2	( 237 )
.....KANG Yili, SHAO Junhua, LIU Jiarong, CHEN Mingjun, YOU Lijun, CHEN Xueni, CAO Wangkun		
Research on prediction of bottom hole flowing pressure for vertical coalbed methane wells based on improved SSA-BPNN .....	2	( 250 )
.....YU Yang, DONG Yintao, LI Yunbo, BAO Yu, ZHANG Lixia, SUN Hao		
Research on recoverable reserves and gas production characteristics of coalbed methane wells in Baode block of Ordos Basin .....	2	( 257 )
.....ZHANG Wen, HUANG Hongxing, LIU Ying, FENG Yanqing, SUN Wei, LI Ziling, WANG Jing, ZHAO Zengping		

Machine learning-based coalbed methane well production prediction and fracturing parameter optimization .....	2	(266)
.....HU Qiujia, LIU Chunchun, ZHANG Jianguo, CUI Xinrui, WANG Qian, WANG Qi, LI Jun, HE Shan		
Characterization and application of flow heterogeneity in high water cut reservoirs .....	2	(274)
.....ZHANG Min, JIN Zhongkang, FENG Xubo		
<b>【Engineering Techniques】</b>		
Study on the destabilization mechanism of coal rock with cleats due to drilling fluid .....	2	(284)
.....OUYANG Yong, XIE Wenmin, DING Jiping, FENG Fuping, WANG Heyuan, YANG Donglin, MA Chi, LYU Haichuan		
Equipment configuration and process technology of hybrid oil-electric fracturing for deep coalbed methane .....	2	(292)
.....ZHAO Chongsheng, WANG Bo, GOU Bo, LUO Pengfei, CHEN Guojun, WU Guoquan		
Application and discussion of geological guidance technology for deep coalbed methane horizontal wells: A case study of block X in Shenmu gas field, Ordos Basin .....	2	(300)
.....LIN Weiqiang, CONG Peng, WANG Hong, WEI Zichen, YANG Yuntian, YAO Zhiqiang, QU Lili, MA Limin, WANG Fanglu		
Study on dynamic stress field of fracturing in horizontal wells of deep coal seams: A case study of Daning-Jixian block in Ordos Basin .....	2	(310)
.....ZHAO Haifeng, WANG Chengwang, XI Yue, WANG Chaowei		
Parameter optimization for low-temperature catalytic pyrolysis in oil-based drilling cuttings treatment .....	2	(324)
.....HUANG Yaoqi, XIA Yufeng		
Applicability analysis of catenary anchor leg mooring system subjected to bending effects in Weizhou sea area of South China Sea .....	2	(332)
.....ZHANG Zongfeng, XUE Xutian, DU Peng, WEI Xi, CHEN Tongyan		

### Deep Oil and Gas Reservoir

#### 【Specialist Forum】

Review and reflection on shale gas development in China: From Silurian to Cambrian .....	3	(339)
.....GUO Tonglou		
Characterization of "sweet spots" and optimization of volume fracturing parameters in deep tight reservoirs of Subei Basin .....	3	(349)
.....TANG Jiandong, ZHANG Shunkang, LIN Shiwei, GE Zhengjun, LIN Bo		
Oil and gas enrichment mechanisms and key exploration technologies in deep layers of Subei Basin .....	3	(357)
.....ZHU Xiangyu, YU Wenquan, ZHANG Jianwei, LI Chuhua, LI Heyong		
Research and application of intelligent diagnosis and optimization technologies for multi-model oil and gas development .....	3	(373)
.....JING Shuai, WU Jianjun, MA Chengjie		

#### 【Oil and Gas Exploration】

Oil and gas accumulation and diagenetic fluid evolution in deep Cambrian strata: A case study of well Tuotan 1, Kuqa Depression, Tarim Basin .....	3	(382)
.....YANG Xianzhang, HUANG Yahao, WANG Bin, WEN Zhigang, ZHOU Lu, ZHANG Ke, HE Taohua, LUO Tao, CHEN Xiao, ZENG Qianghao		
Pore evolution characteristics and "sweet spot" reservoir development model in deep ultra-tight sandstones: A case study of the second member of Xujiahe Formation in eastern slope of western Sichuan Depression .....	3	(394)
.....CHENG Bingjie, LIAO Zheyuan, LYU Zhengxiang, XIE Cheng, CAI Yonghuang, LIU Sibing, LI Feng, ZHANG Shihua		
Study on rock mechanical properties of deep shale gas reservoirs based on multi-mechanical experiments .....	3	(406)
.....FENG Shaoke, XIONG Liang		
Application of "high-fidelity and high-resolution" processing technology in thin reservoir identification: A case study of the deep Permian Maokou Formation in Penglai area, central Sichuan .....	3	(417)
.....PENG Haotian, HE Qinglin, CHEN Kang, ZENG Ming, HE Zongqiang, TU Zhihui, KONG Lingxia, QU Bozhang		
Characteristics and favorable area optimization of ultra-deep high-pressure basement reservoirs: A case study of Kun 2 block in Kunteyi gas reservoir, Qaidam Basin .....	3	(425)
.....CAO Hui, ZHANG Guoqing, XU Li, LI Zhexiang, WANG Haicheng, ZHAO Changyang, FEI Ying		
Study on well logging reservoir fluid evaluation method based on 2D cloud model: A case study of Kuqa Depression, Tarim Basin .....	3	(434)
.....WANG Shuli, WANG Jinguo, ZHANG Chengsen, ZHANG Zhe'an, PARHAT Kaysar, LIU Longcheng		
Development characteristics and intelligent identification method of natural fractures: A case study of the Upper Triassic Xujiahe Formation in the western Sichuan Depression, Sichuan Basin .....	3	(443)
.....LI Wei, WANG Min, XIAO Dianshi, JIN Hui, SHAO Haoming, CUI Junfeng, JIA Yidong, ZHANG Zeyuan, LI Ming		
Oil and gas accumulation characteristics of the third submember of the first member of Dainan Formation in deep layers of Gaoyou Sag, Subei Basin .....	3	(455)
.....LI Shuyu, FAN Lixin, XIA Lianjun, ZHANG Juan, HE Junqing, ZHANG Hao, LI Yuezhe		
Comparison of helium source characteristics between geothermal water-dissolved type and natural gas-associated type: A case study of Weihe Basin and northern Ordos Basin .....	3	(463)
.....ZHANG Jin, ZHANG Fengqi, ZOU Yanrong, REN Xiaoping, CHEN Hongguo, WANG Pengtao, RU Rong, ZHANG Wen		

#### 【Oil and Gas Development】

Impact of non-equilibrium phase transition of reservoir fluid on production performance in Shunbei ultra-deep fault-controlled condensed gas reservoir .....	3	(471)
.....ZHANG Ning, CAO Fei, LI Zongyu, ZHANG Yun, SUN Yang, PAN Yi, SUN Lei		
Research on productivity prediction method of infilling well based on improved LSTM neural network: A case study of the middle-deep shale gas in South Sichuan .....	3	(479)
.....GUAN Wenjie, PENG Xiaolong, ZHU Suyang, YANG Chen, PENG Zhen, MA Xiaoran		
Research progress on shale gas productivity evaluation: concepts, methods and future directions .....	3	(488)
.....ZHU Suyang, PENG Zhen, DI Yunting, PENG Xiaolong, LIU Dongchen, GUAN Wenjie		
Optimization of CO <sub>2</sub> water-alternating-gas injection parameters based on an improved hunger game search algorithm .....	3	(500)
.....WU Gongyi, SUN Yuxin, SUN Xiaofei, JI Hongming, ZHANG Yanyu		

#### 【Engineering Techniques】

Exploration and application of 3D CO <sub>2</sub> storage leakage monitoring technology: A case study of Zhangjiaduo oilfield in Subei Basin .....	3	(508)
.....CHEN Xingming, QIAN Yanghui, CHEN Zhongzhi, CHEN Zifan		
Research and application of fiber fracturing and fiber temporary plugging technology for deep shale gas .....	3	(515)
.....HU Junjie, LU Cong, GUO Jianchun, ZENG Bo, GUO Xingwu, MA Li, SUN Yuduo		
Safe drilling technology for ultra-deep gas wells with complex pressure systems using managed pressure and gas-venting density reduction .....	3	(522)
.....LI Tao, YANG Zhe, CHI Chongrong, NIE Zunhao, XU Zhikai, CHEN Xun, WANG Fei		
Experimental study of settlement and migration patterns of proppant in long narrow fractures in deep shale .....	3	(528)
.....LIU Haoqi, CHEN Fuhong, YU Zhili, GONG Wei, LUO Xi, LIN Hun		

### CCUS

#### 【Specialist Forum】

Study on main controlling factors of CO <sub>2</sub> huff-n-puff for enhanced oil recovery and storage in shale oil reservoirs .....	4	(537)
.....CHEN Jun, WANG Haimei, CHEN Xi, TANG Yong, TANG Liangrui, SI Rong, WANG Huijun, HUANG Xianzhu, LENG Bing		

#### 【Methodological Theory】

Study on the influence of CO <sub>2</sub> -water-rock reactions under reservoir conditions on geochemical properties of sandstone reservoirs .....	4	(545)
.....ZHANG Chao, ZHU Pengyu, HUANG Tianjing, YAN Changhao, LIU Jie, WANG Bo, ZHANG Bin, ZHANG Yi		

Experimental study on injection media and methods for enhanced oil recovery in tight oil reservoirs: A case study of Fuyu reservoir in Daqing .....	TANG Yong, YUAN Chengang, HE Youwei, HUANG Liang, YU Fuji, LIANG Xiuli	4	(554)
Study on diffusion patterns of multi-component systems in porous media of carbonate gas storage .....	ZHANG Ruihan, HU Bo, PENG Xian, ZHANG Fei, WANG Yongchao, ZHAO Yulong	4	(564)
Variation characteristics of physical properties and pore-throat structure of carbonate rocks under the influence of CO <sub>2</sub> .....	WU Xiao, LIU Runchang	4	(571)
Mechanism of heavy alkane influence on CO <sub>2</sub> and CH <sub>4</sub> competitive adsorption in shale .....	ZHANG Huan, CHAI Haonan, ZHAO Hongbao, DU Shuangli, LI Yitao	4	(579)
Experimental study on microscopic operation characteristics of CO <sub>2</sub> miscible flooding in offshore L low permeability reservoirs .....	HE Yang, WANG Zhouhua, ZHENG Zuhao, TU Hanmin, HE Youcai	4	(589)
Experimental study on effect of N <sub>2</sub> on physical parameters and phase equilibrium patterns of CO <sub>2</sub> -rich injection gas .....	QIN Nan, GAN Xiaofei, LUO Yu, LIU Xiaoxu, WEN Bin, CHEN Xingyu	4	(597)
ACO-NM hybrid optimization calculation method for transit time of oxygen activation logging in CO <sub>2</sub> injection profile .....	WANG Zhengyan, CHEN Meng, YANG Guofeng, LIU Guoquan, PEI Yang, CHEN Qiang	4	(605)
Applicability of LARSEN & SKAUGE relative permeability hysteresis model in high-temperature and high-pressure CO <sub>2</sub> -water alternating injection experiments .....	WANG Shuoshi, JI Qiang, GUO Ping, LIU Huang, WEN Lianhui, XU Ruifeng, WANG Zhouhua, ZHANG Ruixu	4	(613)
Experimental study on supercritical CO <sub>2</sub> huff-n-puff process for mid-deep heavy oil reservoirs .....	Silangluojia, ZHOU Xiang, SUN Xinge, ZHAO Yulong, ZHANG Liehui, WU Yang, PU Hongbin, JIANG Qi	4	(625)
Research progress on effects of CO <sub>2</sub> injection on formations during geological storage .....	WANG Zhanpeng, LIU Shuangxing, LIU Qi, YANG Shugang, ZHANG Min, XIAN Chenggang, WENG Yibin	4	(632)
Calculation method for CO <sub>2</sub> geological storage capacity of fault-block traps in Subei Basin based on safety considerations .....	SUN Dongsheng, ZHANG Shunkang, WANG Zhilin, GE Zhengjun, LIN Bo	4	(641)
Research on sealing performance evaluation of CO <sub>2</sub> storage in salt-gypsum caprocks of depleted gas reservoirs .....	JIANG Beibei, LIU Jiabo, ZHANG Guoqiang, WANG Dong, LI Ying, LUO Hongwen, ZHOU Lang	4	(646)
Investigation on occurrence states of CO <sub>2</sub> storage in formations with gas field produced water reinjection .....	YANG Shugang, REN Jinman, CAI Mingyu, LIU Haotong, LIU Shuangxing, XUE Ming, ZHANG Kunfeng	4	(656)
<b>【Field Application】</b>			
Dynamic prediction of whole CO <sub>2</sub> flooding development process in low permeability reservoirs .....	WANG Yanwei, LIN Lifei, WANG Hengli	4	(664)
Effectiveness evaluation and field application of CO <sub>2</sub> -viscoelastic fluid synergistic flooding in low-permeability tight reservoirs .....	TANG Ruijia, CHEN Longlong, XIE Xuqiang, ZHAO Cong, WANG Beilei, JIANG Shaojing	4	(672)
Research and field testing of cabled intelligent stratified oil production technology .....	DENG Jibin, KANG Yuyang, YAN Weijie, YE Hong, ZHANG Xiangyang	4	(679)
<b>【Comprehensive Research】</b>			
Quantitative study on multi-factor production capacity chart for ultra-high temperature, high pressure, and low permeability gas reservoirs .....	ZHANG Qian, FAN Zhaoyu, WANG Qin, TANG Huimin, HE Zhihui	4	(686)
Simulation of shale oil flow patterns considering rock and fluid properties .....	LI Meng, WANG Wendong, SU Yuliang, ZHANG Jian, FAN Zhenning, LIANG Haining	4	(694)
Study on simulation methods for flow experiments in fracture-cavity reservoirs .....	HUI Jian	4	(704)
<b>Offshore Oil and Gas</b>			
<b>【Specialist Forum】</b>			
Oil and gas development technologies and research directions in Xihu Sag of East China Sea Shelf Basin .....	ZHAO Yong, LI Jiudi, YAN Shumei, LI Jiwei, TIAN Bin, PAN Lu, XU Chen, CHEN Lei, LEI Lei, LYU Peng	5	(711)
Source-sink system and exploration directions during rift period: A case study of Pingbei area in Xihu Sag, East China Sea Shelf Basin .....	ZHANG Shanghu, LI Kun, ZHUANG Jianjian, ZHU Baoheng, ZHENG Xin, YANG Chao	5	(722)
Practices and insights of low-permeability gas reservoir development in East China Sea .....	LI Jiudi, TIAN Bin, LI Jiwei, WANG Jianwei, ZHAO Tianpei, DING Li	5	(734)
<b>【Oil and Gas Exploration】</b>			
Sedimentary characteristics and oil-gas geological significance of northern slope in Lingshui Sag, Qiongdongnan Basin .....	NIU Huawei, YANG Pengcheng, LIU Chuang, WANG Yini, SANG Yadi, DONG Xin, ZHANG Rufeng, JIN Kejie	5	(740)
Discussion and significance of evidence for Paleocene strata by drilling in Yingcuiquan area of Xihu Sag .....	JIANG Donghui, ZHUANG Jianjian, XING Lyuya, ZHANG Chuanyun, YUAN Zhongpeng, YANG Chao	5	(750)
Differential diagenetic evolution and evaluation of reservoirs in Santan Deep Depression, Xihu Sag, East China Sea Shelf Basin .....	ZHANG Pei, LI Kun, ZHUANG Jianjian, TAN Yiyi	5	(760)
Sedimentary evolution and main controlling factors of sand group levels in Pinghu Formation: A case study of well block W in Xihu Sag, East China Sea Shelf Basin .....	WANG Jianwei, LYU Peng, WANG Zequn, YAN Shumei, PAN Lu, LIN Lixin, WANG Rui, XU Chen, LIU Shu, HUANG Xiaojuan	5	(773)
Deep learning-based intelligent velocity spectrum picking technology and its application .....	XU Chong	5	(788)
Ensemble learning-based prediction model for oil and gas reservoir value in Mahu Sag .....	YUAN Jing, JIA Lu, XU Guojian, AI Min, LI Sixu	5	(796)
<b>【Oil and Gas Development】</b>			
Evaluation of retrograde condensation damage and research on gas injection for enhanced recovery of condensate gas reservoirs in deep-buried hills .....	JIANG Yong, LUO Xianbo, ZHANG Qixuan, WU Jintao, YANG Chenxu	5	(807)
Automatic inversion of fracture parameters in tight gas reservoirs based on gas production profile .....	XIAO Honglin, BU Chunliang, HOU Fu, TANG Huiying, WANG Yiyun, LUO Shangui	5	(815)
Study on imbibition mechanisms in tight oil reservoirs based on nuclear magnetic resonance and pore-scale simulation .....	QI Huaiyan, YANG Guobin, ZHU Yadi, DENG Mingxin, GENG Shaoyang, TIAN Weichao	5	(824)
A machine learning-based method for recovery rate prediction in fractured water-driven gas reservoirs .....	SUN Qiufen, QIN Jiazheng, FENG Qiao, QIAO Yu, LIU Yaxin, ZHAO Qiyang, XU Liang, YAN Chun	5	(834)
<b>【Engineering Techniques】</b>			
Spontaneous imbibition and oil displacement characteristics in interlayered shale oil reservoirs and their key controlling factors .....	FAN Yunpeng, WEN Zhigang, LI Zhen, HE You'an, TIAN Weichao, LIU Yuhang	5	(844)
Research and application of artificial intelligence-based prediction method for horizontal well-formation modelling .....	LI Yutao, LI Chaoliu, WEI Xingyun, WANG Hao	5	(858)

Quantitative evaluation of refracturing effectiveness using microseismic-event-based continuous fracture network and apparent stress .....	5	(872)
.....LU Hongjun, DA Yinpeng, ZHAO Zhengguang, LI Lei, BAI Xiaohu, LI Jianhui, TIAN Yibo		
Degradation of polyacrylamide-containing wastewater by ultraviolet-activated iron-carbon micro-electrolysis and potassium persulfate .....	5	(881)
.....HUANG Yaoqi, ZHAO Zhongmin		
<b>【Non-fossil Energy Resources】</b>		
Geothermal resource evaluation of X gasfield in Yinggehai Basin based on geothermal modeling .....	5	(891)
.....LIANG Yukai, ZHENG Hua'an, ZENG Qianyi, SONG Jifeng, TIAN Zhongyuan, JIANG Shu		
Geological characteristics and potential evaluation of medium-deep geothermal resources in Changsha Basin, Hunan Province .....	5	(900)
.....ZHU Zhaoqun, WU Fuzhu, BIAN Kai, JIANG Feijun, ZHAO Cunliang, LI Dan, SHI Shouqiao		
Geomechanical modeling and integrity evaluation of gas storage rebuilt from depleted carbonate gas reservoir .....	5	(912)
.....CHEN Yuye, TANG Yuanshuang, ZHOU Hong, WANG Han, ZHENG Xin, WANG Yuheng, LU Kaichen, TANG Huiying		
Noble gas isotopic characteristics and helium dilution of coalbed methane from the third coal seam in southern Qinshui Basin .....	5	(921)
.....XU Dan, ZHANG Cong, JIA Huimin, LI Yuhong, QIN Shengfei, ZHANG Wen, ZHOU Junlin, MA Shangwei, FAN Yan		
Helium characteristics and resource potential analysis of Wufeng-Longmaxi Formation in Changning area, southern Sichuan .....	5	(933)
.....YU Zhenxiang, CHEN Lei, CHEN Xin, LIU Rui, TAN Xiucheng, WU Shuaicai, QIN Hexing, XU Qiang		
<b>Coal Measure Gas</b>		
<b>【Specialist Forum】</b>		
Pore development characteristics and accumulation potential of coal measure gas reservoirs: A case study of Tansen area in Lesser Himalayan orogenic belt, Nepal .....	6	(947)
.....SANG Shuxun, HE Junjie, HAN Sijie, KUMAR Khadka, ZHOU Xiaozhi, LIU Shiqi, UPENDRA Baral, SAUNAK Bhandari		
Current status and development directions of surface and in-situ low-carbon development and utilization technologies for oil-rich coal in Xinjiang .....	6	(959)
.....WEI Bo, YANG Shuguang, LI Xin, TANG Zhuyun, ZHANG Na, WANG Bo, ZHAO Chen, LI Jinru, ZHAO Zhengwei, FENG Shuo, JIA Chao		
Current applications and prospects of coalbed methane development technologies in coal mining areas .....	6	(972)
.....SUN Siqing, YANG Fan, ZHENG Yuqi, ZHANG Qun, LI Haozhe, ZHANG Qingli, CHENG Bin, LI Wenbo, WU Xiaoxuan		
<b>【Oil and Gas Exploration】</b>		
Sensitivity experimental study of low-pressure tight sandstone gas reservoirs in eastern margin of Ordos Basin .....	6	(983)
.....CHEN Mingjun, TANG Xingyu, WANG Yubin, KANG Yili, GUO Zhidong, YAN Maoling, CHEN Xueni		
Evolution and fractal characteristics of pore structure in coals of different ranks under supercritical CO <sub>2</sub> -H <sub>2</sub> O .....	6	(995)
.....SONG Xuemei, ZHANG Kun, DONG Liang, MA Mengya, LIU Huihu, XU Hongjie, WANG Zhi		
Sedimentary characteristics and gas enrichment potential of Carboniferous-Permian coal-measure shale in Huanghua Depression .....	6	(1007)
.....YAN Jihua, PU Xiugang, HOU Zhongshuai, CHEN Shiyue		
Acoustic logging curve fitting and its application in thin coal measure strata of K gasfield in Xihu Sag .....	6	(1017)
.....WANG Rui, LIU Shu, HAO Weihang, YAN Shumei, XU Chen, LYU Peng		
<b>【Oil and Gas Development】</b>		
Numerical simulation study on influence of coal fines migration on porosity and permeability in cataclastic coal .....	6	(1025)
.....SHI Hui, XIE Tiancheng, LIU Ziliang, JIANG Zhikun, WEI Yingchun		
Influence of tight sandstone gas in roof on gas production in deep coalbed methane wells: A case study of Shenfu block in Ordos Basin .....	6	(1034)
.....WANG Xiaodong, WANG Yuchuan, LIANG Xiaolei, KANG Lifang, CHAO Weiwei, LIU Shiqi, HUANG Fansheng, WANG Wenkai, LIANG Yu		
An oil and gas well production prediction method based on temporal attention and dynamic convolution .....	6	(1046)
.....YANG Chen, PENG Xiaolong, ZHU Suyang, WANG Chaowen, GUAN Wenjie, XIANG Dongliu		
Research on a new method for calculating dynamic reserves of gas reservoirs considering inter-well interference .....	6	(1056)
.....TENG Sainan, LI Yuansheng, WANG Jianwei, SHENG Zhichao, ZHANG Lili		
<b>【Engineering Techniques】</b>		
Research and application of surface gas control technology for soft and low-permeability coal seams in Huainan mining area .....	6	(1061)
.....PENG Yumin, DING Huazhong, DING Tongfu, SU Lei, TONG Bi, JIA Shengfeng, CHEN Benliang, TANG Yonggan, LIU Chao, YUAN Guang, LUO Rongdao, ZHANG Mingzhi, GAO Meng		
Application of integrated geological-engineering fracturing technology in low-rank coal of Erlian Basin .....	6	(1070)
.....HAN Mingzhe, YANG Xiaoping, MA Wenfeng, XIAO Mengmei, WANG Xuan, LIU Yuhan, JIA Wei, FANG Huili, ZHANG Yang, LIAN Xiaohua, WANG Qingchuan, NIE Zhikun		
Design and application of adaptive intelligent drainage and production process for high-water-production gas wells .....	6	(1080)
.....LUO Yi, ZHOU Ruili, FU Weibing, QIAO Qianyu, KONG Hao		
Optimal selection of lateral well types for coalbed methane development in Bijie test area .....	6	(1088)
.....BU Yuhuan, LU Tong, LU Chang, XIANG Gang, GUO Shenglai		
Improved spectral fatigue analysis method for retrofit of jacket platforms in East China Sea .....	6	(1096)
.....FENG Qin, ZHAO Yong		
<b>【Non-fossil Energy Resources】</b>		
Research on multi-scale discrete fracture 3D refined geological modeling and geothermal resource evaluation: A case study of Xianxian County geothermal field, Bohai Bay Basin .....	6	(1104)
.....REN Xiaoqing, GAO Xiaorong, WANG Hongliang, LIU Jian, SUN Caixia, LU Xingchen, SUN Zhixue		
Research and validation of underground positioning for open-hole old wells using acoustic remote detection technology .....	6	(1112)
.....CHE Yang, DONG Jingnan, CHEN Chunyu, FANG Mingxing, TAN Maojin, TANG Weihong		
Seepage simulation experiment and productivity prediction of converted gas storage in sandstone oil reservoirs: A case study of Banshen 37 fault block in Dagang Oilfield .....	6	(1121)
.....LYU Dongliang, LI Hongyu, LI Jian, CHENG Yabin, LI Hui		
Study on interphase mass transfer under multi-cycle and single-cycle multi-stage pressure conditions during reservoir conversion to gas storage .....	6	(1130)
.....KONG Debin, YANG Xingxing, ZHANG Ke, CHENG Yaoze, GAO Jiahao, LI Ao		
Physical simulation of seepage and reservoir capacity characteristic during cyclic injection and production in reservoir-type gas storage .....	6	(1139)
.....ZHANG Guohui, XU Deyue, LI Jiahui, XU Lei, HUANG Liang, MA Jian, LI Na, ZHANG Lu		