Review Form 1.7

Journal Name:	**Journal of Materials Science Research and Reviews**
Manuscript Number:	**Ms_JMSRR_113342**
Title of the Manuscript:	**An Overview of the Application of Magnetic Nanoparticles in the petroleum sector**
Type of the Article	

PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments **1. Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) **2. Is the title of the article suitable?** (If not please suggest an alternative title) **3. Is the abstract of the article comprehensive?** **4. Are subsections and structure of the manuscript appropriate?** **5. Do you think the manuscript is scientifically correct?** **6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	**Yes** **Yes** **Yes** **Yes** **Yes** **Add few references**	My comments regarding this manuscript 1) In introduction add more information regarding ferromagnetic and ferroelectric domain and its properties of nanomaterials of surface to volume ratio regarding ferroelectric and ferromagnetic domains information use below references. a) Synthesis, structural, dielectric and domain properties of Al-doped $KNbO_3$ single crystal, Journal of Materials Science: Materials in Electronics, 30, 2019, 6910-6919. b) Domain imaging in Fe-doped $KNbO_3$ single crystal via trinocular microscopy and scanning electron microscopy, Materials Chemistry and Physics, 226, 2019, 230-234. c) Kinetics of ferroelectric domains investigated by etching technique in Al-doped $KNbO_3$ single crystal, Optik, 221, 2020, 165343. 2) In classifications of magnetic nanoparticle add more information about ferromagnetic materials properties for this we refer this reference a) Analytical study of the ferroelectric properties of Fe-doped $KNbO_3$ single crystal, Journal of Physics and Chemistry of Solids, 167, 2022, 110712. b) A critical field study of ferroelectric domain in Al-doped $KNbO_3$ single crystal, Ceramics International, 48, 2022, 9172-9179. 3) Write details methods about Enhanced oil recovery, Heavy oil recovery. 4) You mention in your manuscript NMR data analysis but you not provide this data I suggest please provide NMR data.
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	Yes Is language/English quality of the article suitable for scholarly communications	
Optional/General comments		

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PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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