Form 3160-5	UNITED STATE	s NMOC			DRM APPROVED MB No 1004-0137
(June 2015) DEI	ARTMENT OF THE I	NTERIOR		Expi	res: January 31, 2018
	EAU OF LAND MAN	•		5. Lease Serial No.	NMNM 048344
Do not use this f	IOTICES AND REPC form for proposals t Use Form 3160-3 (A	o drill or to re-ente		6. If Indian, Allottee or	Tribe Name
SUBMIT IN 1	TRIPLICATE - Other instru	ctions on page 2		7. If Unit of CA/Agree	ment, Name and/or No.
t, Type of Well				. Well Name and No.	INANS HVED
2 Name of Operator Vanguard Operator	ating, LLC	······································		9. API Well No	See Attached List
3a. Address 5847 San Felipe Houston, Texas	e, Suite 3000	3b. Phone No. (include area (832) 377-2243	a code)	10. Field and Pool or E	xploratory Area See Attached list
4. Location of Well (Foorage, Sec., T.,R See Attached Li				11. Country or Parish, S	State Eddy, NM
12. CHE	CK THE APPROPRIATE BO	DX(ES) TO INDICATE NA	TURE OF N	OTICE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION			TYPE OF	ACTION	·····
Notice of Intent	Acidize	Deepen Hydraulic Fractur	ring 🗍	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Change Plans Convert to Injection	New Construction Plug and Abandor Plug Back	n 🗋 .	Recomplete Femporarily Abandon Vater Disposal	✓ Other
13. Describe Proposed or Completed O	peration: Clearly state all per	tinent details, including esti	imated starti	ig date of any proposed wor.	k and approximate duration thereof. If
the Bond under which the work will completion of the involved operation	Ily or recomplete horizontally I be performed or provide the ons. If the operation results in	c, give subsurface locations Bond No. on file with BLM a multiple completion or re	and measure 4/BIA. Requ completion	d and true vertical depths of ired subsequent reports musi in a new interval, a Form 31 have been completed and th	all pertinent markers and zones. Attack be filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not	Ily or recomplete horizontally I be performed or provide the ms. If the operation results in lices must be filed only after a	; give subsurface locations Bond No. on file with BLM a multiple completion or re all requirements, including r	and measure 4/BIA. Requ completion	d and true vertical depths of ired subsequent reports must in a new interval, a Form 310 have been completed and th NM C	all pertinent markers and zones. Attack be filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site DIL CONSERVATION ARTESIA DISTRICT
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.)	Ily or recomplete horizontally I be performed or provide the ms. If the operation results in tices must be filed only after a f Operator on the above re new operator, accepts all ap ms conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No October 5, 2015	c, give subsurface locations Bond No. on file with BLM a multiple completion or re all requirements, including r ferenced well. oplicable terms, condition or portion of lease desc	and measure MBIA. Requ completion reclamation, s, stipulatic ribed	d and true vertical depths of ired subsequent reports must in a new interval, a Form 316 have been completed and th NM C ins and Dec 20 EE ATTA	all pertinent markers and zones. Attack be filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) This is notification of Change of Vanguard Operating, LLC, as n restrictions concerning operation Bond Coverage: BLM Bond Fill Bond Coverage Carlsbad Field Change of Operator Effective: C	Ily or recomplete horizontally I be performed or provide the ms. If the operation results in tices must be filed only after a f Operator on the above re new operator, accepts all ap ms conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No October 5, 2015	c, give subsurface locations Bond No. on file with BLM a multiple completion or re all requirements, including r ferenced well. oplicable terms, condition or portion of lease desc	and measure MBIA. Requ completion reclamation, s, stipulatic ribed	d and true vertical depths of ired subsequent reports must in a new interval, a Form 316 have been completed and th NM C ins and Dec 20 EE ATTA	all pertinent markers and zones. Attack to filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016 CHED FOR
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) This is notification of Change of Vanguard Operating, LLC, as n restrictions concerning operation Bond Coverage: BLM Bond Fill Bond Coverage Carlsbad Field Change of Operator Effective: C	Ily or recomplete horizontally I be performed or provide the ms. If the operation results in tices must be filed only after a f Operator on the above re new operator, accepts all ap ons conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No October 5, 2015	c, give subsurface locations Bond No. on file with BLM a multiple completion or re all requirements, including r ferenced well. oplicable terms, condition or portion of lease desc	and measure MBIA. Requ completion reclamation, s, stipulatic ribed	d and true vertical depths of ired subsequent reports must in a new interval, a Form 316 have been completed and th NM C ins and Dec 20 EE ATTA	all pertinent markers and zones. Attack to filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016 CHED FOR
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) This is notification of Change of Vanguard Operating, LLC, as n restrictions concerning operation Bond Coverage: BLM Bond Fill Bond Coverage Carlsbad Field Change of Operator Effective: C	Ily or recomplete horizontally I be performed or provide the ms. If the operation results in tices must be filed only after a f Operator on the above re new operator, accepts all ap ons conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No October 5, 2015	c, give subsurface locations Bond No. on file with BLM a multiple completion or re all requirements, including r ferenced well. oplicable terms, condition or portion of lease desc	and measure MBIA. Requ completion reclamation, s, stipulatic ribed	d and true vertical depths of ired subsequent reports must in a new interval, a Form 316 have been completed and th NM C ins and Dec 20 EE ATTA	all pertinent markers and zones. Attack to filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016 CHED FOR
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) This is notification of Change of Vanguard Operating, LLC, as n restrictions concerning operation Bond Coverage: BLM Bond Fill Bond Coverage Carlsbad Field Change of Operator Effective: C	Ily or recomplete horizontally I be performed or provide the ins. If the operation results in tices must be filed only after a f Operator on the above re lew operator, accepts all ap ins conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No October 5, 2015 ng, LLC	, give subsurface locations Bond No. on file with BLM a multiple completion or re ill requirements, including r pepticable terms, condition or portion of lease desc Bond No. B006616 b. NMB000817, Surety Bo	and measure I/BIA. Requise completion reclamation, is, stipulatic ribed. ond No. BO	d and true vertical depths of ired subsequent reports must in a new interval, a Form 316 have been completed and th NM C ins and Dec 20 EE ATTA	all pertinent markers and zones. Attack to filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016 CHED FOR
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) This is notification of Change of Vanguard Operating, LLC, as n restrictions concerning operatio Bond Coverage: BLM Bond Fil- Bond Coverage Carlsbad Field Change of Operator Effective: C Former Operator: LRE Operation 4. Thereby certify that the foregoing is t Britt Pence	Ily or recomplete horizontally I be performed or provide the ins. If the operation results in tices must be filed only after a f Operator on the above re lew operator, accepts all ap ins conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No October 5, 2015 ng, LLC	r, give subsurface locations Bond No. on file with BLM a multiple completion or re all requirements, including r ferenced well. opticable terms, condition or portion of lease desc Bond No. B006616 b. NMB000817, Surety Bo NMB000817, Surety Bo	and measure A/BIA. Requise completion reclamation, as, stipulation ribed. cond No. BO ond No. BO utive Vice F	d and true vertical depths of ired subsequent reports must in a new interval, a Form 31 have been completed and th NM C ins and D667S EE ATTA CONDITIO	all pertinent markers and zones. Attack to filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016 CHED FOR
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) This is notification of Change of Vanguard Operating, LLC, as n restrictions concerning operatio Bond Coverage: BLM Bond Fill Bond Coverage: BLM Bond Fill Bond Coverage Carlsbad Field Change of Operator Effective: C Former Operator: LRE Operation	Ily or recomplete horizontally I be performed or provide the ins. If the operation results in tices must be filed only after a f Operator on the above re- lew operator, accepts all ap- ons conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No October 5, 2015 ng, LLC true and correct. Name (Prin	c. give subsurface locations Bond No. on file with BLM a multiple completion or re ill requirements, including r ferenced well. oplicable terms, condition of portion of lease desc: Bond No. B006616 b. NMB000817, Surety Bo ted'Typed) ted'Typed) Exect Date Date	and measure A/BIA. Requise completion reclamation, as, stipulatic ribed. ond No. BO utive Vice F	ad and true vertical depths of ired subsequent reports must in a new interval, a Form 31 have been completed and th NM C ons and D6675 EE ATTA CONDITIO	all pertinent markers and zones. Attack to filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016 CHED FOR
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) This is notification of Change of Vanguard Operating, LLC, as n restrictions concerning operatio Bond Coverage: BLM Bond Fil- Bond Coverage Carlsbad Field Change of Operator Effective: C Former Operator: LRE Operation 4. Thereby certify that the foregoing is t Britt Pence	Ily or recomplete horizontally I be performed or provide the ins. If the operation results in tices must be filed only after a f Operator on the above re- lew operator, accepts all ap- ons conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No October 5, 2015 ng, LLC true and correct. Name (Prin	r, give subsurface locations Bond No. on file with BLM a multiple completion or re all requirements, including r ferenced well. opticable terms, condition or portion of lease desc Bond No. B006616 b. NMB000817, Surety Bo NMB000817, Surety Bo	and measure A/BIA. Requise completion reclamation, as, stipulatic ribed. ond No. BO utive Vice F	ad and true vertical depths of ired subsequent reports must in a new interval, a Form 31 have been completed and th NM C ons and D6675 EE ATTA CONDITIO	all pertinent markers and zones. Attack to filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016 CHED FOR
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) This is notification of Change of Vanguard Operating, LLC, as n restrictions concerning operatio Bond Coverage: BLM Bond Fil- Bond Coverage Carlsbad Field Change of Operator Effective: C Former Operator: LRE Operation 4. Thereby certify that the foregoing is t Britt Pence	Ily or recomplete horizontally I be performed or provide the ins. If the operation results in tices must be filed only after a f Operator on the above re- lew operator, accepts all ap- ons conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No October 5, 2015 ng, LLC true and correct. Name (Prin	c. give subsurface locations Bond No. on file with BLM a multiple completion or re ill requirements, including r ferenced well. oplicable terms, condition of portion of lease desc: Bond No. B006616 b. NMB000817, Surety Bo ted'Typed) ted'Typed) Exect Date Date	and measure A/BIA. Requise completion reclamation, as, stipulatic ribed. ond No. BO utive Vice F	ad and true vertical depths of ired subsequent reports must in a new interval, a Form 31 have been completed and th NM C ons and D6675 EE ATTA CONDITIO	all pertinent markers and zones. Attack to filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016 CHED FOR NS 54 54 54 54 54 54 54 54 54 54 54 54 54
the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) This is notification of Change of Vanguard Operating, LLC, as n restrictions concerning operatio Bond Coverage: BLM Bond Fill Bond Coverage Carlsbad Field Change of Operator Effective: C Former Operator: LRE Operation 4. I hereby certify that the foregoing is to Britt Pence	Ily or recomplete horizontally I be performed or provide the ms. If the operation results in tices must be filed only after a f Operator on the above re lew operator, accepts all ap ms conducted on this lease e No. NMB000797, Surety Office: BLM Bond File No Detober 5, 2015 ng, LLC THE SPACE ed. Approval of this notice do quitable title to those rights in	red (Typed)	and measure A/BIA. Require completion reclamation, is, stipulatic ribed. ond No. BD utive Vice F D. D.	ad and true vertical depths of ired subsequent reports must in a new interval, a Form 31 have been completed and th NM C ins and D667S EE ATTA CONDITIO	all pertinent markers and zones. Attack to filed within 30 days following 50-4 must be filed once testing has been e operator has detennined that the site PIL CONSERVATION ARTESIA DISTRICT MAR 2 9 2016 CHED FOR NS 54 54 54 54 54 54 54 54 54 54 54 54 54

• .

ATTACHMENT TO LEASE SERIAL NO. NMLC 48344

								,
							1226	
VVC UCINAIVIE 2012 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AARINUMBEK		UNITER SECTION RNG	SEG	NMI	RNG		EVALOCATIONE STATIONE
KERSEY WILLIAMS A FED 10	3001537248	ARTESIA; GLORIETA-YESO	r	28	17S	28E	1650 FNL	990 FEL
KERSEY WILLIAMS A FED 3	3001530230	EMPIRE; YATES-SEVEN RIVERS, EAST	т	28	17S	28E	2310 FNL	330 FNL
KERSEY WILLIAMS A FED 4	3001531969	EMPIRE; YATES-SEVEN RIVERS, EAST	н	28	17S	28E	2310 FNL	990 FEL
KERSEY WILLIAMS A FED 5	3001533987	EMPIRE; YATES-SEVEN RIVERS, EAST	τ	28	17S	28E	1650 FNL	330 FEL
		RED LAKE;QUEEN-GRAYBURG-SA;						
KERSEY WILLIAMS A FED 6	3001:533872	ARTESIA; GLORETTA-YESO	U	28	17S	28E	1700 FNL	1700 FEL
		RED LAKE;QUEEN-GRAYBURG-SA;						
KERSEY WILLIAMS A FED 7	3001533689	ARTESIA; GLORETTA-YESO	π	28	17S	28E	2310 FNL	620 FEL
KERSEY WILLIAMS A FED 9	3001536829	RED LAKE;QUEEN-GRAYBURG-SA	9	28	17S	28E	2282 FNL	2267 FEL
PURE FEDERAL 1	3001535132	RED LAKE;QUEEN-GRAYBURG-SA	т	21	17S	28E	2310 FNL	330 FEL
PURE FEDERAL 2	3001535584	RED LAKE;QUEEN-GRAYBURG-SA	σ	21	17S	28E	1650 FNL	2310 FEL
	۱ ۱	RED LAKE;QUEEN-GRAYBURG-SA;						
PURE FEDERAL 3	3001535606	ARTESIA; GLORETTA-YESO	A	21	17S	28E	910 FNL	1190 FEL
PURE FEDERAL 4	.3001536097	RED LAKE; QUEEN-GRAYBURG-SA	8	21	17S	28E	990 FNL	2310 FEL
WILLIAMS A FEDERAL 1	3001532554	ARTESIA; GLORIETA-YESO	z	29	17S	28E	590 FSL	2185 FWL
WILLIAMS A FEDERAL 2	3001532459	ARTESIA;GLORIETA-YESO	×	67	17S	28E	1800 FSL	1650 FWL
WILLIAMS A FEDERAL 3	3001534614	ARTESIA; GLORIETA-YESO		29	17S	28E	1400 FSL	1150 FWL
-		ARTESIA;GLORIETA-YESO;						
WILLIAMS A FEDERAL 4	3001533130	REDLAKE;QUEEN; GRAYBURG-SA		29	17S	28E	1650 FSL	330 FWL
'n		ARTESIA;GLORIETA-YESO;						
WILLIAMS A FEDERAL 5	3001533232	REDLAKE; QUEEN; GRAYBURG-SA	Σ	29	17S	28E	690 FSL	530 FWL
WILLIAMS A FEDERAL 6	3001534200	ARTESIA; GLORIETA-YESO	1	29	175	28E	2310 FSL	790 FWL
WILLIAMS A FEDERAL 7	3001536512	ARTESIA; GLORIETA-YESO	×.	29	17S	28E	28E 2060 FSL	2260 FWL

Vanguard Operating, LLC March 16, 2016 Change of Operator Conditions of Approval

- 1. Tank battery must be bermed/diked (must be able to contain 1 1/2 times the volume of the largest tank).
- 2. Submit for approval of water disposal method.
- 3. Submit updated facility diagrams as per Onshore Order #3
- 4. This agency shall be notified of any spill or discharge as required by NTL-3A.
- 5. All outstanding environmental issue must be addressed within 90 days. Contact Jim Amos for inspection and to resolve environmental issues. 575-234-5909
- 6. Install legible well sign on location with operator name, well name and number, lease number, unit number, 1/4 1/4, section, township, and range. NMOCD requires the API number on well signs.
- 7. Subject to like approval by NMOCD.
- 8. All Reporting to ONRR (OGOR Reports) must be brought current within 30 days of this approval including any past history.
- 9. If this well is incapable of producing in paying quantities submit NOI to plug and abandon this well or obtain approval to do otherwise within 90 days.
- 10. Submit plan for approval of well operations for all TA/SI wells within 30 days of this approval to change operator.
- 11. If not in place acquire operating rights on this lease within 30 days with BLM office in Santa Fe, NM.

JAM 031616