

LINN OPERATING, INC.

JP Morgan Chase Tower 600 Tenvis, Soite 5100 Houston, TX 77002 Phone, 281-840-4000 Fax: 281-840-4001 gave linnungry com

June 22, 2015

New Mexico State Lands Office 310 Old Santa Fe Trail Santa Fe. NM 87501

ATTENTION:

Mr. Audrey Dunn

Commissioner of Public Lands

Dear Mr. Dunn;

Linn Operating Inc. (LINN) operates the East Hobbs San Andres Pressure Maintenance Unit in Lea County, New Mexico. Pursuant to Section 18 of the Unit Agreement for the East Hobbs San Andres Unit, LINN requests the approval of the Commissioner to use fresh water to re-pressure the Unit. LINN, with a partner, Tabula Rasa Energy, intend to initiate a carbon dioxide flood in the near future. The reservoir however needs to be repressured in order for the tertiary process to work efficiently. The best and possibly only way to do so white avoiding excessive technological and financial burdens is to use fresh water from the City of Hobbs water system.

The City of Hobbs water solution was the result of an effort to locate and evaluate source water considering produced oil field brine, greywater and freshwater. The closest producing oil field to the project is the South Hobbs Unit. Unfortunately, the operator of that unit has a new carbon dioxide flood in need of makeup water and they bought the City of Hobbs' greywater, which was on the City's distribution system. There are other oilfields to the north but pipelining or trucking water 9 to 10 miles through the City for two years or less was an economic burden for this small project, not to mention the safety and environmental concerns. In return, the City will receive 3,300 feet of new city water main built at our costs and receive outside city limits water rates.

It is estimated that 8,600 barrels of water per day is required for two years to raise the reservoir pressure to approximately 1,225 psi. Once this is accomplished, carbon dioxide injection will replace any make up water volumes. An additional 12.5% recovery of oil from the San Andres is expected (4.6 million barrels).

I have attached water compatibility tests that show good compatibility via reduced scale formation with the combined waters.

New Mexico Oil Commission Order R-11980-A approved a statutory unit for waterflooding. In the Order, Paragraph 9 required that no fresh water be used as make-up water or otherwise be injected. We are also looking to amend the order to allow fresh water makeup at a July 16, 2015 hearing before the Oil Conservation Commission. We request your approval to use freshwater, pursuant to the Unit Agreement. Please acknowledge and sign this letter as documentation that you approve this proposed operation. You may scan and email this approval to dgcrdon@linnenergy.com or mail the original to 600 Travis, Suite 5100, Houston. Tx 77002 to the attention of Debra Gordon.

Oil Conservation Commission
Case No. _____
Exhibit No. _____

New Mexico Sta June 22, 2015 Page Two	ate Lands Office	-	
Should you hav Tabula Rasa El	re any questions regarding nergy @ <u>Bobs@tabularas</u>	j this project, please do n a.ccm 281.668.8478.	not hesitate to contact Bob Sutherland with
Cc/ Tempo Oil, Ga New M 310 O	pliance Manager 3. Wamell, Director as and Minerals Division Mexico State Lands Office ld Santa Fe Trail Fe, NM 87501		
B, Sut	hertand –TR		•
Attachments/	State/Fee Waterflood U EHSAU Water Compati	Jnit Agreement East Hob libility Testing Data	obs San Andres Unit
Acknowledged	and Approved		Date

Printed Name

Title