



6401 Holiday Hill Rd. Bldg 5
Midland, TX 79707

March 7, 2019

30-015-43649

Oil Conservation Division
Attn.: Phillip Goetze
1220 S. St. Francis
Santa Fe, New Mexico 87505

Certified Mail 7013 1710 0001 1160 3664

Oil Conservation Division
Attn: Ray Podany
811 South First Street
Artesia, New Mexico 88210

Certified Mail 7013 1710 0001 1160 4630

Re: Administrative Order SWD -1746
Dated August 28, 2018

Pursuant to the referenced Administrative Order, prior to commencing disposal the attached the mudlog and letter dated February 18, 2019 from Matthew W. Kearney, P.G., XTO Energy, showing evidence of isolation of the injectable interval.

Please direct any feedback or questions to my attention.

Regards,

Cheryl Rowell

Cheryl Rowell
Regulatory Coordinator
432-571-8205

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DISTRICT II-ARTESIA O.C.D.

February 18, 2019

New Mexico, Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Final Description of the Depth for the Injection Interval

XTO Energy Inc., an ExxonMobil subsidiary
Big Eddy Unit 14 Federal SWD Well No. 1
Section 14, Township 20 South, Range 31 East,
Eddy County, New Mexico

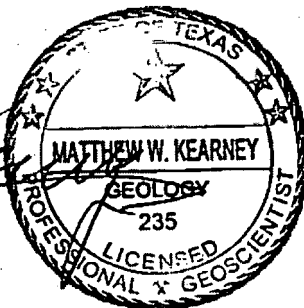
To whom it may concern:

In reference to the Administrative Order SWD-1746, XTO Energy, Inc., an ExxonMobil subsidiary, has examined the mud log and geophysical log information from the Big Eddy Unit 14 Federal SWD Well No. 1, and believes that only the permitted interval is open for disposal. The open hole interval in this well is from 14,260 feet to 15,230 feet, which is inside the permitted interval of 14,250 feet to 15,342 feet. The packer was set at 14,190 feet which is 70 feet above the top of the disposal interval and less than the allowed 100 feet above.

Based on the above mentioned logs the top of the Devonian is 14,229 feet, the top of the Fusselman is 14,611 feet and the actual top of the Montoya was not encountered in this well. An occurrence of 20 to 30 percent limestone was encountered in the last 50 feet drilled suggesting the actual top of the Montoya, thought to have at least 70 to 100 percent limestone, is below the 15,230 feet total depth of this well. There were no significant hydrocarbon shows noted during the drilling of this interval.

Respectively Submitted,


Matthew W. Kearney, P.G.



Division Geologist

XTO Energy Inc., an ExxonMobil subsidiary
22777 Springwoods Village Parkway
Spring, Texas 77389

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