

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

AMENDED APPLICATION OF NGL WATER
SOLUTIONS PERMIAN, LLC
TO APPROVE SALT WATER
DISPOSAL WELL IN LEA
COUNTY, NEW MEXICO.

CASE NO. 20236
(THUNDERBOLT)

AMENDED APPLICATION

NGL Water Solutions Permian, LLC ("NGL"), OGRID No. 372338, through its undersigned attorneys, hereby submits this amended application to the Oil Conservation Division pursuant to the provisions of N.M. Stat. Ann. § 70-2-12, for an order approving drilling of a salt water disposal well in Lea County, New Mexico. In support of this application, NGL states as follows:

- (1) NGL submitted an application to drill the Thunderbolt SWD #1 in December 2018. NGL is filing this amended application to update the proposed location for drilling the well.
- (2) NGL proposes to drill the Thunderbolt SWD #1 well at a surface location 910 feet from the North line and 250 feet from the East line of Section 19, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico for the purpose of operating a salt water disposal well.
- (3) NGL further seeks approval of the use of 7 inch tubing inside the surface and intermediate casings and 5 ½ inch tubing inside the liner and requests that the Division approve a maximum daily injection rate for the well of 50,000 bbls per day.
- (4) Apart from the change in location, NGL makes no further changes to the application NGL previously filed with the Division in December 2018.

(5) A revised plat, revised maps of the area of review, and a revised lists of wells and operators within the one-mile area of review are attached hereto in Attachment A.

WHEREFORE, NGL requests that this amended application be set for hearing before an Examiner of the Oil Conservation Division on September 5, 2019; and that after notice and hearing, the Division enter its order approving this application.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

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Attorneys for Applicant

CASE NO. 20236: Application of NGL Water Solutions Permian, LLC for approval of salt water disposal well in Lea County, New Mexico. Applicant seeks an order approving disposal into the Silurian-Devonian formation through the Thunderbolt SWD #1 well at a surface location 910 feet from the North line and 250 feet from the East line of Section 19, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico for the purpose of operating a salt water disposal well. NGL seeks authority to inject salt water into the Silurian-Devonian formation at a depth of 18,966' to 20,722'. NGL further seeks approval of the use of 7 inch tubing inside the surface and intermediate casings and 5 ½ inch tubing inside the liner and requests that the Division approve a maximum daily injection rate for the well of 50,000 bbls per day. Said location is approximately 11.6 miles southwest of Bennett, NM.

Case 20236

District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720

District II
811 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1,
2011

Submit one copy to appropriate
District Office

☒ AMENDED REPORT
Moved Location

WELL LOCATION AND ACREAGE DEDICATION PLAT

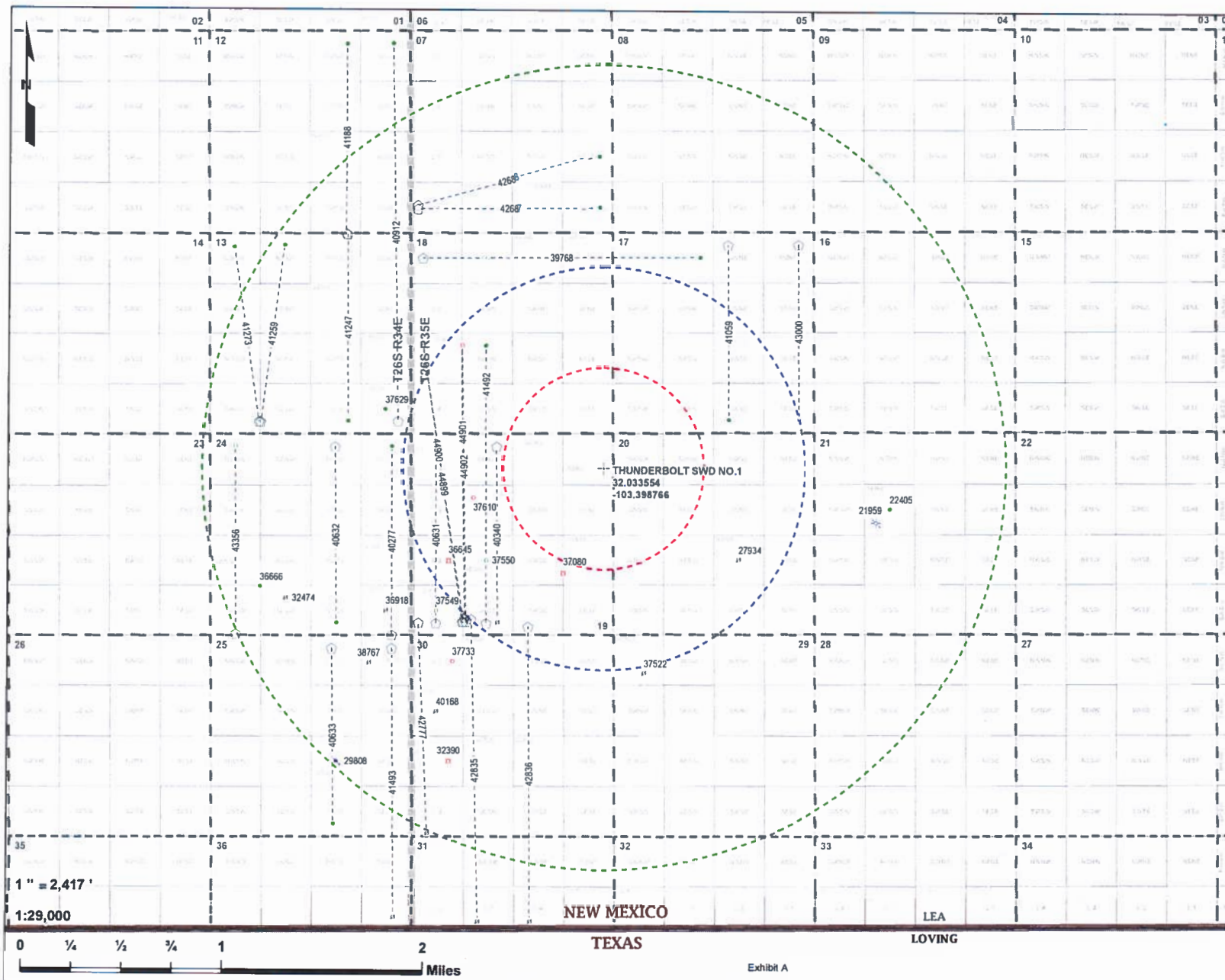
¹ API Number	² Pool Code 97869	³ Pool Name SWD; Devonian-Silurian
⁴ Property Code	⁵ Property Name THUNDERBOLT SWD	⁶ Well Number 1
⁷ OGRID No. 372338	⁸ Operator Name NGL WATER SOLUTIONS PERMIAN, LLC	⁹ Elevation 3180.00'±

¹⁰ Surface Location									
UL or lot no. A	Section 19	Township 26 S	Range 35 E	Lot Idn N/A	Feet from the 910'	North/South line NORTH	Feet from the 250'	East/West line EAST	County LEA

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SECTION 19		PROPOSED THUNDERBOLT SWD 1 NMSP-E (NAD27) N: 377,140.97' E: 789,754.24' NMSP-E (NAD83) N: 377,198.20' E: 830,942.39' Lat: N32°02'00.79" Long: W103°23'55.58"	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  <u>3/20/2019</u> Signature Date John Moltz Printed Name john.moltz@lonquist.com E-mail Address
			¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> 02/07/19 Date of Survey Signature and Seal of Professional Surveyor
			25114  Certificate Number



Thunderbolt SWD No. 1
2 Mile Area of Review
 NGL Water Solutions Permian, LLC
 Lea Co., NM

PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)
 Drawn by: ASG Date: 2/18/2019 Approved by: ELR

LONQUIST & CO. LLC

PETROLEUM ENGINEERS ENERGY ADVISORS

AUSTIN HOUSTON WICHITA DENVER CALGARY

- Thunderbolt SWD No. 1 SHL
- 1/2-Mile
- 1-Mile
- 2-Mile
- QQ-Section (NM-PLSS 2nd Div.)
- Section (NM-PLSS 1st Div.)
- Township/Range (NM-PLSS)
- Lateral
- API (30-025-...) SHL Status-Type (Count)
 - Horizontal Surface Location (25)
 - Active - Gas (3)
 - Active - Oil (3)
 - Active - SWD (1)
 - Cancelled/Abandoned Location (6)
 - Permitted - Gas (2)
 - Permitted - Oil (2)
 - Plugged/Site Released - SWD (1)

- API (30-025-...) BHL Status-Type (Count)
 - Active - Oil (13)
 - Cancelled/Abandoned Location (6)
 - Permitted - Gas (3)
 - Permitted - Oil (3)

Source: Well SHL Data - NM-OC (2018)



**Thunderbolt SWD No. 1
1 Mile Area of Review List**

API (30-025-...)	WELL NAME	WELL TYPE	STATUS	OPERATOR	TVD (FT.)	LATITUDE (NAD83 DD)	LONGITUDE (NAD83 DD)	DATE DRILLED
27934	PRE-ONGARD WELL #001	O	C	PRE-ONGARD WELL OPERATOR	0	32.0269502482	-103.387363047	12/31/9999
36645	MADERA 19 FEDERAL #001	G	A	MARATHON OIL PERMIAN LLC	15456	32.0269737000	-103.411941500	5/28/2004
37080	BECKHAM 19 #001	G	A	MARATHON OIL PERMIAN LLC	15823	32.0260544000	-103.402221700	4/12/2005
37550	MADERA 19 FEDERAL #003	O	N	JUMBO AMERICAN PETROLEUM CORPORATION	0	32.0269699000	-103.408775300	12/31/9999
37610	MADERA 19 FEDERAL #004	G	N	JUMBO AMERICAN PETROLEUM CORPORATION	0	32.0315056000	-103.409835800	12/31/9999
40340	MADERA 19 FEDERAL #003C	O	C	RMR OPERATING, LLC	0	32.0351334000	-103.407859800	12/31/9999
40631	MADERA 19 FEDERAL #002C	O	C	RMR OPERATING, LLC	0	32.0224380000	-103.413047800	12/31/9999
41059	MADERA 17 FEDERAL #001H	O	A	OXY USA INC	9264	32.0496407000	-103.388176000	4/10/2013
41492	MADERA 19 FEDERAL COM #004H	O	A	MARATHON OIL PERMIAN LLC	9046	32.0224342000	-103.408783000	11/29/2013
42835	MADERA 30 FEDERAL #002C	O	C	OXY USA INC	0	32.0227172000	-103.410053900	12/31/9999
42836	MADERA 30 FEDERAL #003C	O	C	OXY USA INC	0	32.0221583600	-103.405233900	12/31/9999
43000	MADERA 17 FEDERAL COM #002H	O	N	OXY USA INC	0	32.0496444800	-103.382234100	12/31/9999
44899	MADERA 19 FEDERAL 26 35 19 TB #001H	O	N	MARATHON OIL PERMIAN LLC	0	32.0225297800	-103.410704080	12/31/9999
44900	MADERA 19 FEDERAL 26 35 19 WA #002H	G	N	MARATHON OIL PERMIAN LLC	0	32.0225304900	-103.410800860	12/31/9999
44901	MADERA 19 FEDERAL 26 35 19 WB #005H	G	N	MARATHON OIL PERMIAN LLC	0	32.0228290800	-103.410607290	12/31/9999
44902	MADERAL 19 FEDERAL 26 35 19 WXY #006H	G	N	MARATHON OIL PERMIAN LLC	0	32.0225284000	-103.410510510	12/31/9999

