

**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. 20150

AMENDED APPLICATION

NGL Water Solutions Permian, LLC ("NGL"), OGRID No. 372338, through its undersigned attorneys, hereby makes 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 Maverick SWD #1 well on November 16, 2018.
- (2) NGL is providing this amended application to update the proposed location for drilling the well.
- (3) NGL proposes to drill the Maverick SWD #1 well at a surface location 1086 feet from the South line and 151 feet from the East line of Section 29, Township 24 South, Range 34 East, NMPM, Lea County, New Mexico for the purpose of operating a salt water disposal well.
- (4) NGL is proposing this change in location to accommodate the operations of an offset oil and gas operator.
- (5) Apart from the change in location, NGL makes no further changes to the NGL application previously filed with the Division.

(6) 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.

(7) The granting of this application will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

(8) This case has been continued to the April 18, 2019 docket.

WHEREFORE, NGL requests that, after notice and hearing, the Division enter its order approving this application.

Respectfully submitted,

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

By: Deana M. Bennett

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District III
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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
Location & Pool Code

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 MAVERICK SWD		⁶ Well Number 1	
⁷ OGRID No. 372338		⁸ Operator Name NGL WATER SOLUTIONS		⁹ Elevation 3495'±	

¹⁰ Surface Location

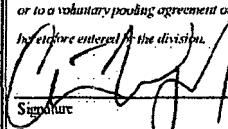

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	29	24 S	34 E	N/A	1086'	SOUTH	151'	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

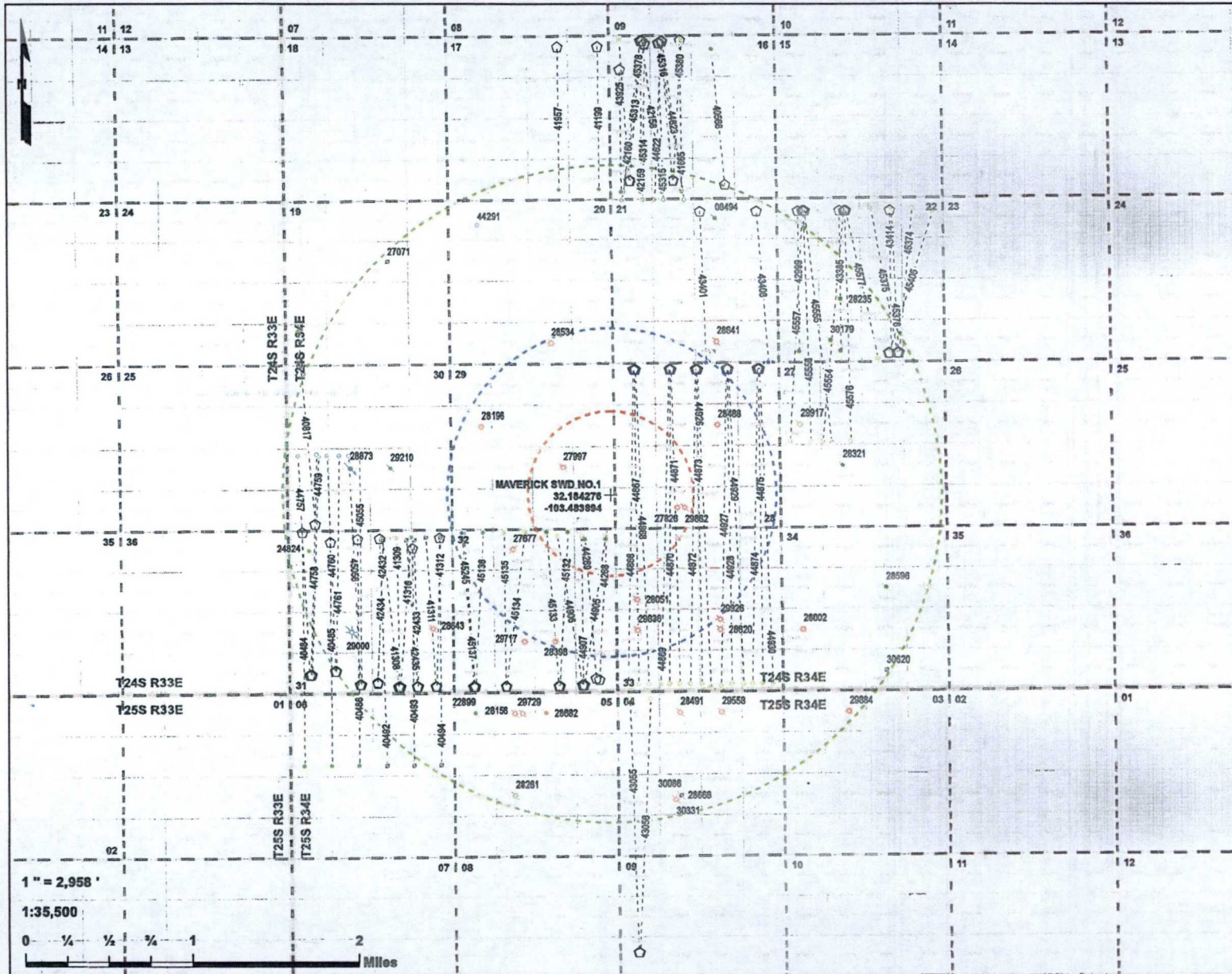
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 29	¹⁶ PROPOSED MAVERICK SWD 1 NMSP-E (NAD27) N: 431,753.34' E: 763,944.70' NMSP-E (NAD83) N: 431,811.76' E: 804,129.85' Lat: N32°11'03.39" Long: W103°29'02.02"	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 leased 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>  Signature: Chris Weyand Date: 3/28/2019 Printed Name: Chris Weyand E-mail Address: chris@lonquist.com
	1554' 151' 1086'	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> Date of Survey: 03/13/2019 Signature and Seal of Professional Surveyor:  Certificate Number: 25114





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

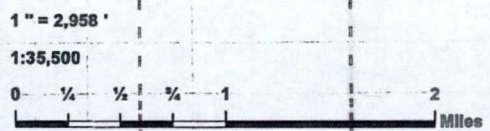
PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)
 Drawn by: ASG Date: 3/22/2019 Approved by: ELR

LONQUIST & CO. LLC

PETROLEUM ENGINEERS ENERGY ADVISORS

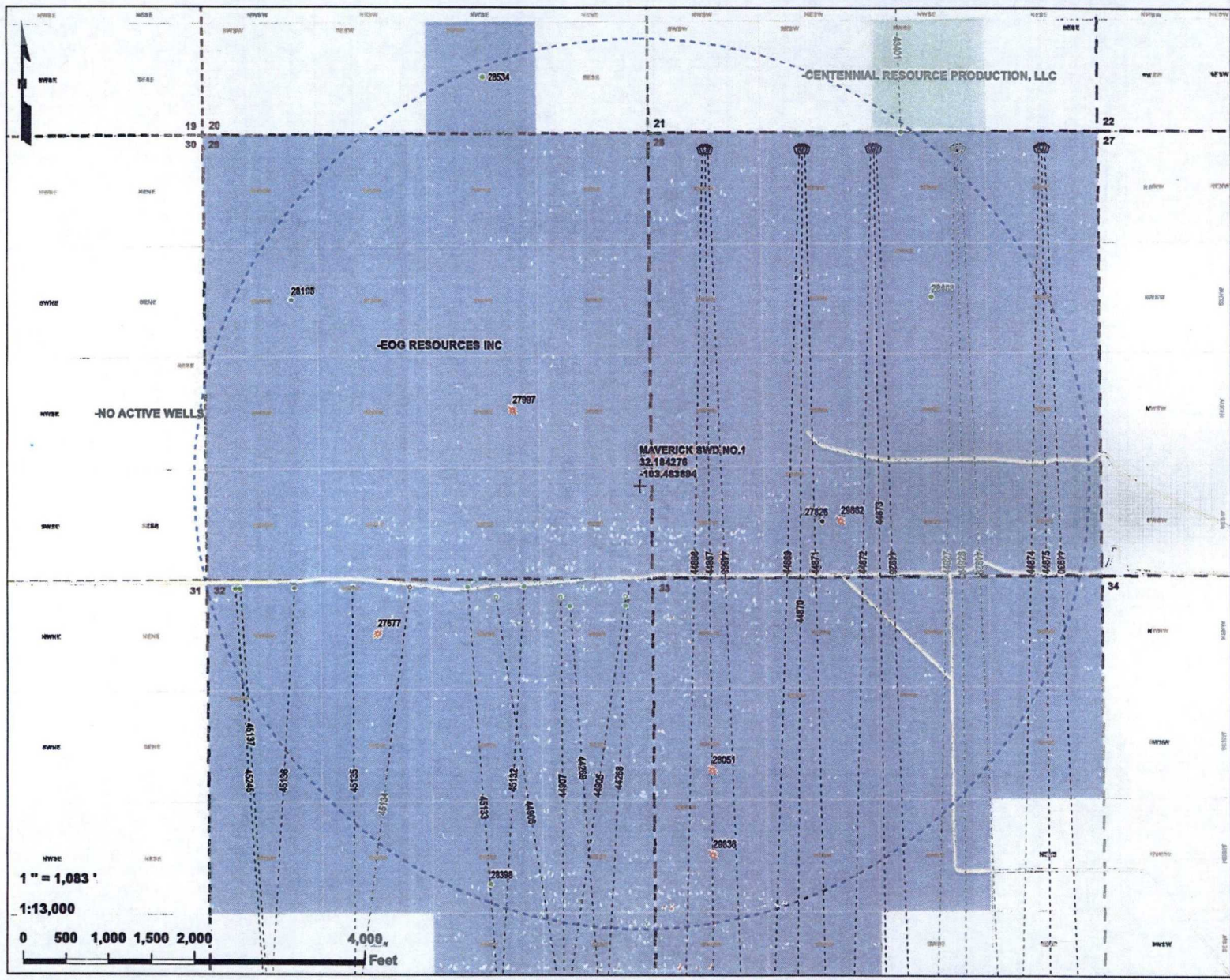
AUSTIN HOUSTON WICHITA DENVER CALGARY

- + Maverick 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 (86)
 - Active - Gas (8)
 - Active - SWD (1)
 - Cancelled/Abandoned Location (3)
 - Plugged/Not Released (1)
 - Permitted - SWD (1)
 - Plugged/Not Released - Gas (16)
 - Plugged/Not Released - OI (9)
 - Plugged/Not Released - SWD (1)
- API (30-025-...) SHL Status-Type (Count)
- Active - OI (26)
 - Cancelled/Abandoned Location (9)
 - Permitted - OI (50)
- Source: Well SHL Data - NM-OCD (2019)



Maverick 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
3002527677	MADERA 32 STATE COM #001	G	H	EOG RESOURCES INC	15400	32.17948530000	-103.49401090000	12/24/1981
3002528534	VACA RIDGE 20 FEDERAL #001	G	A	EOG RESOURCES INC	15136	32.19762800000	-103.48979190000	12/30/1983
3002528398	MADERA 32 STATE #002	G	A	EOG RESOURCES INC	15160	32.17131040000	-103.48975370000	10/5/1983
3002528488	PITCHFORK RANCH 28 FEDERAL COM #001	G	A	EOG RESOURCES INC	15250	32.19035720000	-103.47274020000	12/2/1983
3002527997	MADERA 29 FEDERAL #001	G	P	EOG RESOURCES INC	15290	32.18673710000	-103.48870850000	1/21/1983
3002529862	MADERA 28 FEDERAL COM #002	G	P	EOG RESOURCES INC	13945	32.18309780000	-103.47625730000	3/10/1987
3002528196	MARSHALL 29 FEDERAL #001	G	A	EOG RESOURCES INC	15300	32.19037250000	-103.49722290000	6/19/1983
3002528051	MADERA 33 FEDERAL COM #001	G	P	EOG RESOURCES INC	15130	32.17493820000	-103.48122410000	2/18/1982
3002527826	MADERA 28 FEDERAL COM #001	G	A	EOG RESOURCES INC	15300	32.18309780000	-103.47696690000	6/18/1982
3002529836	MADERA 33 FEDERAL COM #003	G	P	EOG RESOURCES INC	13960	32.17221070000	-103.48122410000	7/19/1987
3002544868	STONEWALL 28 FEDERAL COM #703H	O	N	EOG RESOURCES INC	0	32.19525210000	-103.48117880000	12/31/9999
3002544871	STONEWALL 28 FEDERAL COM #706H	O	N	EOG RESOURCES INC	0	32.19524900000	-103.47749650000	12/31/9999
3002544874	STONEWALL 28 FEDERAL COM #713H	O	N	EOG RESOURCES INC	0	32.19524110000	-103.46861270000	12/31/9999
3002544906	COBALT 32 STATE #202H	O	N	EOG RESOURCES INC	0	32.16741620000	-103.48705070000	12/31/9999
3002544929	STONEWALL 28 FEDERAL COM #712H	O	N	EOG RESOURCES INC	0	32.19524390000	-103.47159960000	12/31/9999
3002544867	STONEWALL 28 FEDERAL COM #302H	O	N	EOG RESOURCES INC	0	32.19525220000	-103.48128550000	7/7/2018
3002544870	STONEWALL 28 FEDERAL COM #705H	O	N	EOG RESOURCES INC	0	32.19524910000	-103.47760310000	12/31/9999
3002544873	STONEWALL 28 FEDERAL COM #708H	O	N	EOG RESOURCES INC	0	32.19524590000	-103.47488510000	12/31/9999
3002544928	STONEWALL 28 FEDERAL COM #711H	O	N	EOG RESOURCES INC	0	32.19524390000	-103.47170620000	12/31/9999
3002544269	COBALT 32 STATE #702H	O	A	EOG RESOURCES INC	12291	32.16802350000	-103.48563420000	1/26/2018
3002545137	COBALT 32 STATE #708H	O	A	EOG RESOURCES INC	12314	32.16734000000	-103.49832630000	11/2/2018
3002544872	STONEWALL 28 FEDERAL COM #707H	O	N	EOG RESOURCES INC	0	32.19524680000	-103.47499170000	12/31/9999
3002544875	STONEWALL 28 FEDERAL COM #714H	O	N	EOG RESOURCES INC	0	32.19524100000	-103.46850600000	12/31/9999
3002544907	COBALT 32 STATE #301H	O	N	EOG RESOURCES INC	0	32.16741620000	-103.48694410000	12/31/9999
3002544905	COBALT 32 STATE #201H	O	N	EOG RESOURCES INC	0	32.16741620000	-103.48683750000	12/31/9999
3002544866	STONEWALL 28 FEDERAL COM #301H	O	N	EOG RESOURCES INC	0	32.19525230000	-103.48139220000	7/5/2018
3002544869	STONEWALL 28 FEDERAL COM #704H	O	N	EOG RESOURCES INC	0	32.19524920000	-103.47770980000	12/31/9999
3002544927	STONEWALL 28 FEDERAL COM #710H	O	N	EOG RESOURCES INC	0	32.19524400000	-103.47181290000	12/31/9999
3002544930	STONEWALL 28 FEDERAL COM #715H	O	N	EOG RESOURCES INC	0	32.19524090000	-103.46839930000	12/31/9999
3002545132	COBALT 32 STATE COM #703H	O	A	EOG RESOURCES INC	12304	32.16733400000	-103.48937420000	10/30/2018
3002545135	COBALT 32 STATE #706H	O	N	EOG RESOURCES INC	0	32.16733710000	-103.49500110000	12/31/9999
3002544926	STONEWALL 28 FEDERAL COM #709H	O	N	EOG RESOURCES INC	0	32.19524670000	-103.47477840000	12/31/9999
3002545133	COBALT 32 STATE COM #704H	O	A	EOG RESOURCES INC	12273	32.16733400000	-103.48948080000	10/31/2018
3002545136	COBALT 32 STATE #707H	O	A	EOG RESOURCES INC	12284	32.16734000000	-103.49821970000	10/14/2018
3002544268	COBALT 32 STATE #701H	O	A	EOG RESOURCES INC	12285	32.16786990000	-103.48527900000	1/24/2018
3002545134	COBALT 32 STATE #705H	O	N	EOG RESOURCES INC	0	32.16733700000	-103.49489450000	12/31/9999
3002545245	COBALT 32 STATE #709H	O	A	EOG RESOURCES INC	12306	32.16733870000	-103.49843310000	11/3/2018
3002543401	RAIDER FEDERAL #301H	O	A	CENTENNIAL RESOURCE PRODUCTION, LLC	10408	32.20920340000	-103.47431920000	9/10/2018



Maverick SWD No. 1
1 Mile Offset Operators - OCD
NGL Water Solutions Permian, LLC
Lea Co., NM

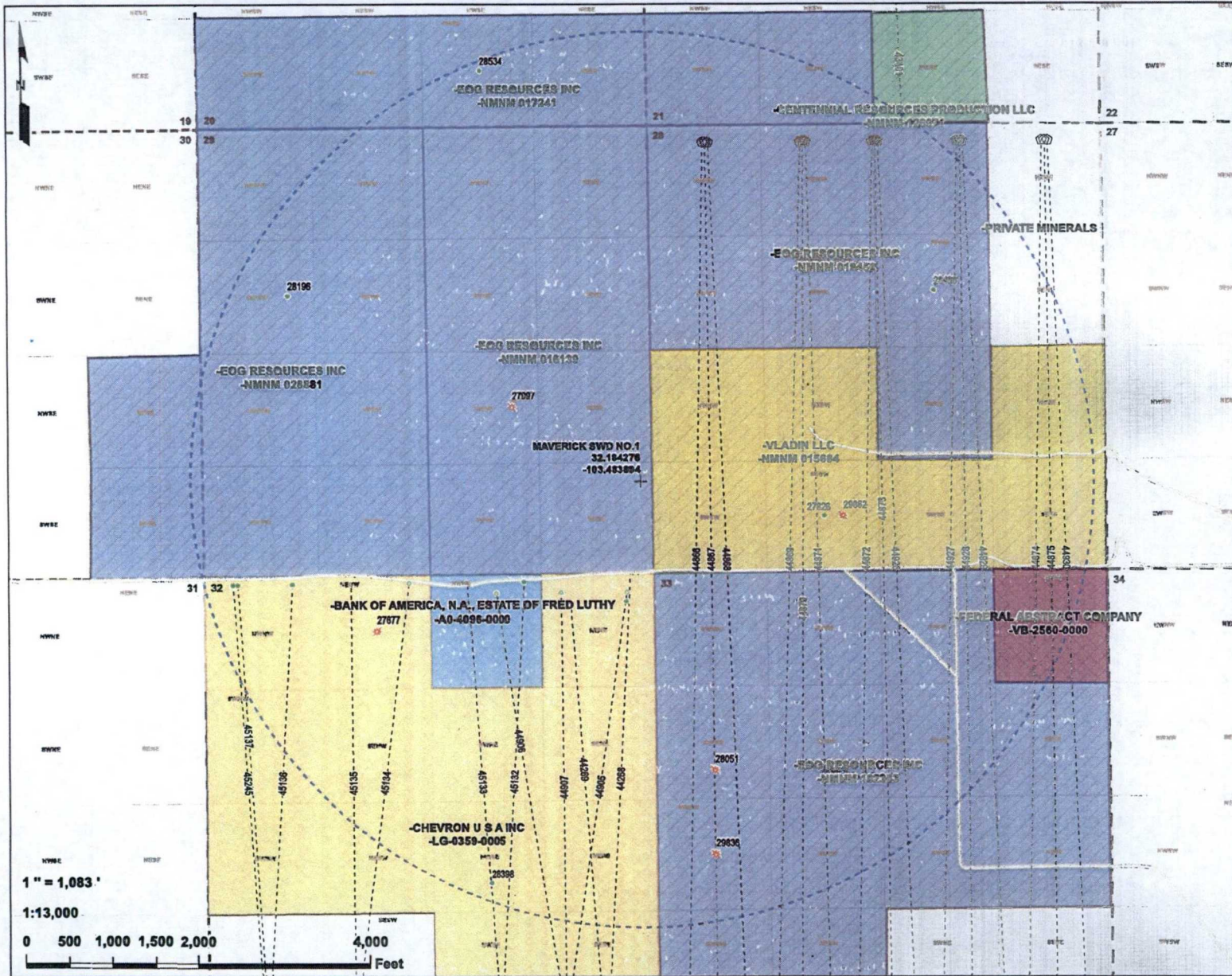
PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)
 Drawn by: ASC Date: 3/22/2019 Approved by: ELR

LONGQUIST & CO. LLC
 PETROLEUM ENGINEERS ENERGY ADVISORS
 AUSTIN · HOUSTON · WICHITA · DENVER · CALGARY

- + Maverick SWD No. 1 SHL
 - 1-Mile
 - CO-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 (28)
 - ⊗ Plugged/Not Released - Gas (1)
 - Active - Gas (5)
 - ⊗ Plugged/Site Released - Gas (4)
 - API (30-025-...) BHL Status-Type (Count)
 - Active - Oil (8)
 - Permitted - Oil (20)
 - Offset Operators**
 - CENTENNIAL RESOURCE PRODUCTION, LLC
 - EOG RESOURCES INC
 - NO ACTIVE WELLS
- Source: Well SHL Data - NM-OCD (2018)

1" = 1,083'
 1:13,000
 0 500 1,000 1,500 2,000 4,000 Feet



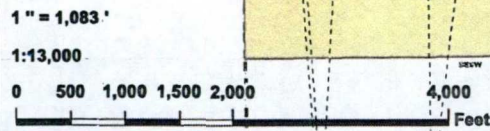


Maverick SWD No. 1
1 Mile Lessee(s) - BLM & SLO
NGL Water Solutions Permian, LLC
 Lea Co., NM

PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)
 Drawn by: ASG Date: 3/22/2019 Approved by: ELR

LONQUIST & CO. LLC
 PETROLEUM ENGINEERS ENERGY ADVISORS
 AUSTIN HOUSTON WICHITA DENVER CALGARY

- + Maverick SWD No. 1 SHL
- 1-Mile
- NM-BLM
- NM-SLO
- 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 (28)
 - ⊗ Plugged/Not Released - Gas (1)
 - Active - Gas (5)
 - ⊗ Plugged/Site Released - Gas (4)
- API (30-025-...) BHL Status-Type (Count)
 - Active - Oil (8)
 - Permitted - Oil (20)
- Lessee(s)
 - BANK OF AMERICA, N.A., ESTATE OF FRED LUTHY
 - FEDERAL ABSTRACT COMPANY
 - VLADIN LLC
 - CENTENNIAL RESOURCES PRODUCTION LLC
 - CHEVRON U S A INC
 - EOG RESOURCES INC
 - PRIVATE MINERALS
- Source: Well SHL Data - NM-OCD (2019)



CASE NO. 20150: Amended 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 Maverick SWD #1 well at a surface location 1086 feet from the South line and 151 feet from the East line of Section 29, Township 24 South, Range 34 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 16,615' to 18,265'. NGL further seeks approval of the use of 7 inch tubing inside the surface and intermediate casings and 5 1/2 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 area is located approximately 18 miles northwest of Jal, NM.