

**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. 20151**

**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 Tomahawk SWD #1 well in November 2018. NGL is filing this amended application to update the proposed location for drilling the well.

(2) NGL proposes to drill the Tomahawk SWD #1 well at a surface location 900 feet from the North line and 151 feet from the East line of Section 4, Township 25 South, Range 34 East, NMPM, Lea County, New Mexico for the purpose of operating a salt water disposal well.

(3) NGL is proposing this change in location to accommodate the operations of an offset oil and gas operator.

(4) Apart from the change in location, NGL makes no further changes to the application NGL previously filed with the Division in November 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.

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

(7) This case has been continued to the May 30, 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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**CASE NO. 20151: 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 Tomahawk SWD #1 well at a surface location 900 feet from the North line and 151 feet from the East line of Section 4, Township 25 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 16,805' to 18,475'. 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 area is located approximately 16.9 miles northwest of Jal, New Mexico.

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) 748-0720  
District III  
10900 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

<sup>1</sup> API Number	<sup>2</sup> Pool Code 97869	<sup>3</sup> Pool Name SWD; Devonian - Silurian
<sup>4</sup> Property Code	<sup>5</sup> Property Name TOMAHAWK SWD	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 372330	<sup>8</sup> Operator Name NGL Water Solutions Permian, LLC	<sup>9</sup> Elevation 3373.00'±

" Surface Location

U.I. or lot no. A	Section 04	Township 25 S	Range 34 E	Lot Idn N/A	Feet from the 900'	North/South line NORTH	Feet from the 151'	East/West line EAST	County LEA
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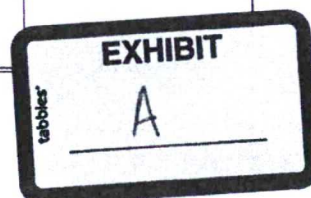
" Bottom Hole Location If Different From Surface

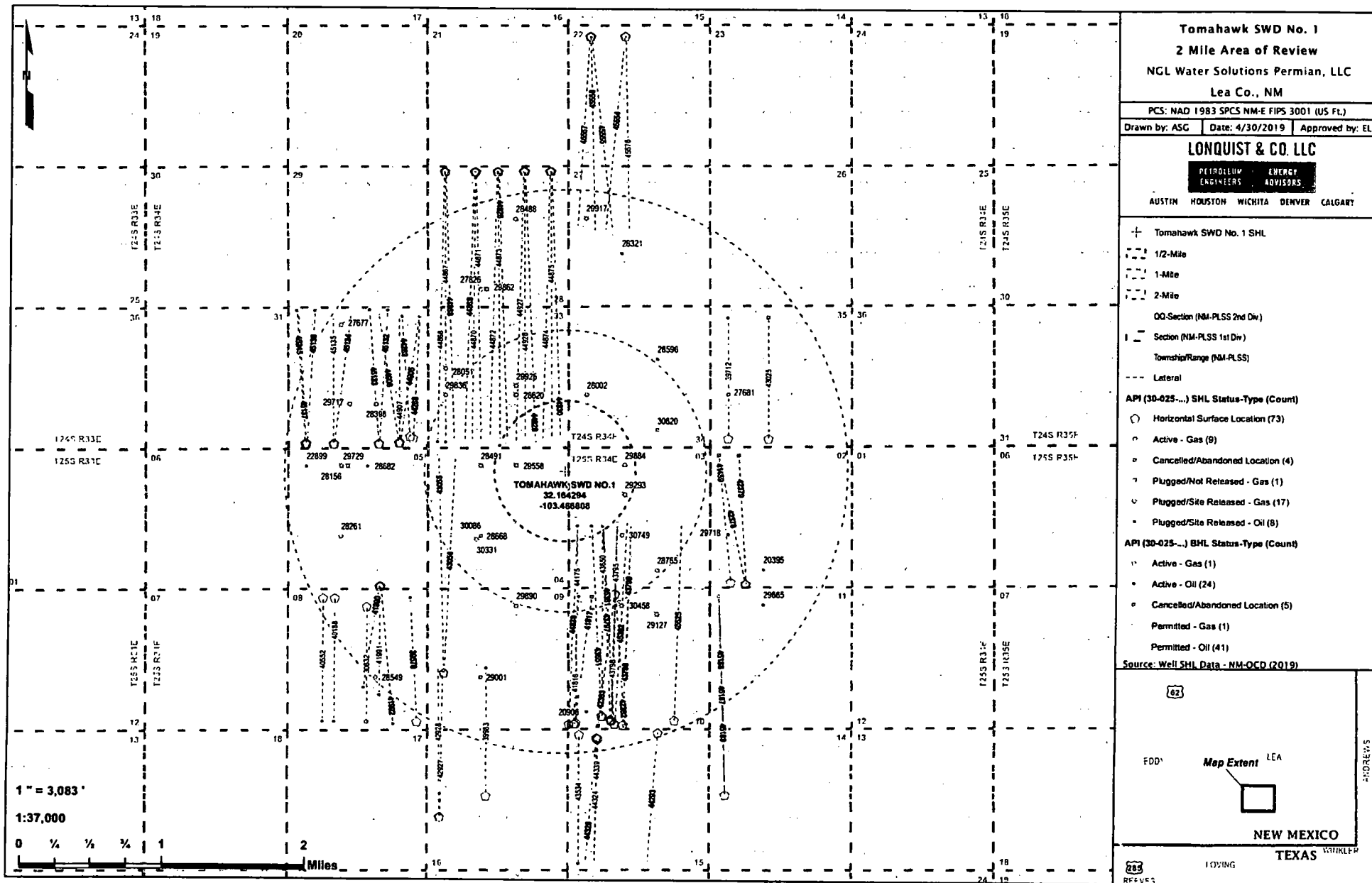
U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

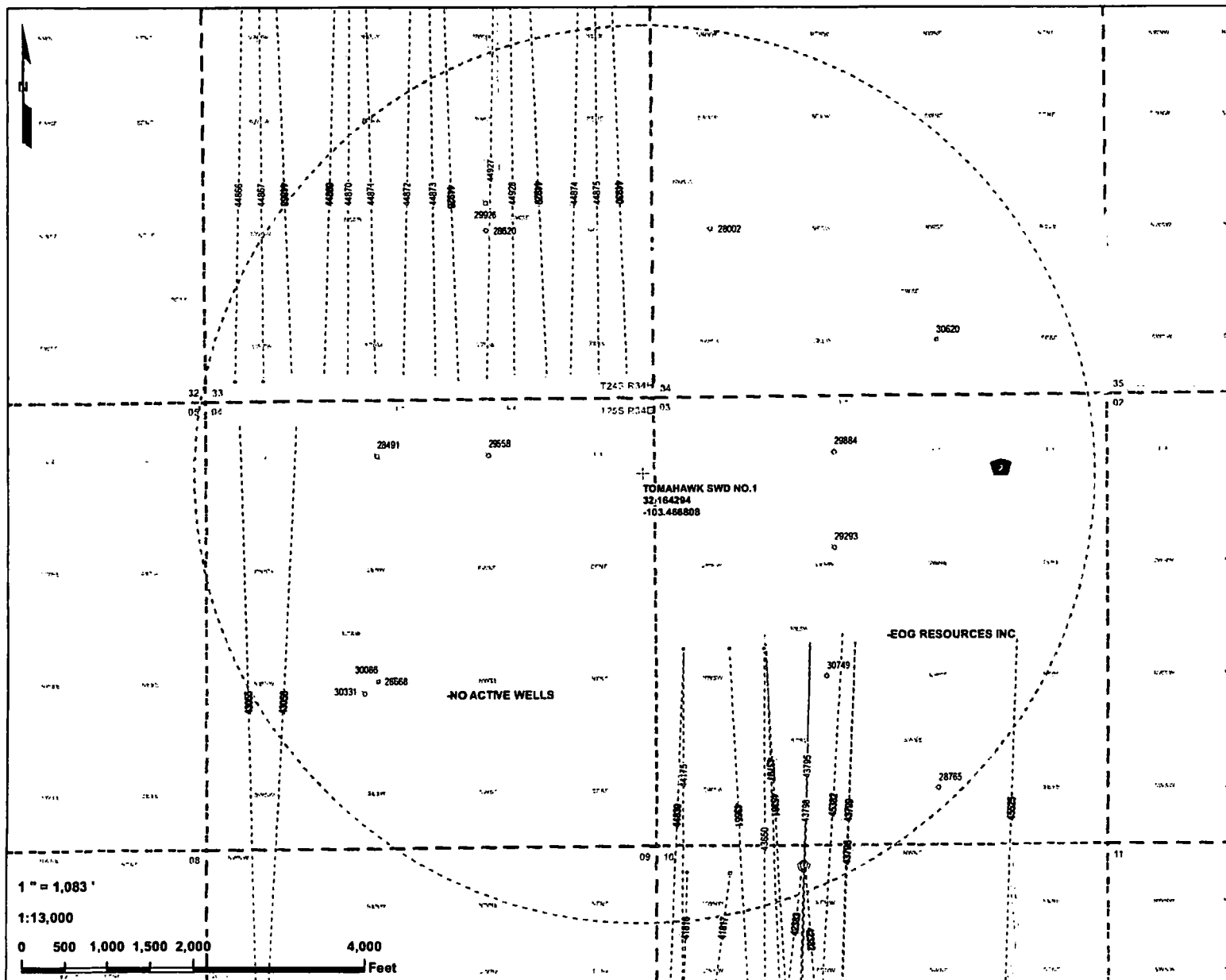
16		PROPOSED TOMAHAWK SWD 1  NMSP-E (NAD27) N: 424,526.47' E: 768,288.73'  NMSP-E (NAD83) N: 424,584.76' E: 809,474.35' Lat: N32°09'51.46" Long: W103°28'00.51"	<b>"OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or leasehold 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. Therefore, entered in the division  Signature Date 5/9/2019 Printed Name Chris Wayand E-mail Address chris@longquist.com
		SECTION 04	<b>"SURVEYOR CERTIFICATION</b> 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. 4/22/2019 Date of Survey Signature and Seal of Professional Surveyor 
			25114 Certificate Number





**Tomahawk 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
28002	PITCHFORK 34 FEDERAL COM #001	G	A	EOG RESOURCES INC	15435	32.17219160	-103.46417240	11/11/1982
28491	VACA RIDGE 4 FEDERAL COM #001	G	P	EOG RESOURCES INC	15160	32.16494750	-103.47695160	12/17/1983
28620	MADERA 33 FEDERAL COM #002	G	P	EOG RESOURCES INC	15159	32.17220310	-103.47270200	5/9/1984
28668	PRE-ONGARD WELL #001C	O	C	PRE-ONGARD WELL OPERATOR	0	32.15768643	-103.47695520	12/31/9999
28765	WARREN 3 #001	G	A	EOG RESOURCES INC	15420	32.15404890	-103.45567320	12/31/9999
29293	PAGE 3 COM #001	G	P	EOG RESOURCES INC	15600	32.16185380	-103.45956420	6/19/1985
29558	VACA RIDGE 4 FEDERAL COM #002	G	P	ROBERT E. LANDRETH	13975	32.16494370	-103.47268680	1/2/1986
29884	PAGE 3 COM #002	G	A	EOG RESOURCES INC	14110	32.16493230	-103.45956420	12/31/9999
29926	MADERA 33 FEDERAL COM #004	G	P	EOG RESOURCES INC	14000	32.17310330	-103.47270200	7/18/1987
30086	PITCHFORK 4 FEDERAL #001	G	P	EOG RESOURCES INC	15230	32.15769580	-103.47698210	12/31/9999
30331	PITCHFORK 4 FEDERAL #002	G	P	EOG RESOURCES INC	13845	32.15728380	-103.47747040	4/24/1988
30620	PITCHFORK 34 FEDERAL COM #002	O	C	EOG RESOURCES INC	0	32.16854643	-103.45566780	12/31/9999
30749	WARREN 3 #002	G	A	EOG RESOURCES INC	15350	32.15768810	-103.45988460	12/31/9999
41816	OSPREY 10 #601H	O	A	EOG RESOURCES INC	12092	32.13833620	-103.46568300	11/16/2014
41817	OSPREY 10 #002C	O	C	EOG RESOURCES INC	0	32.13833620	-103.46558380	12/31/9999
42382	OSPREY 10 #702C	O	C	EOG RESOURCES INC	0	32.15163106	-103.46071659	12/31/9999
42383	OSPREY 10 #701C	O	C	EOG RESOURCES INC	0	32.15163124	-103.46081399	12/31/9999
43055	HOLYFIELD 9 FEDERAL #001H	O	N	EOG RESOURCES INC	0	32.14360989	-103.48151420	12/31/9999
43056	HOLYFIELD 9 FEDERAL #002H	O	N	EOG RESOURCES INC	0	32.14360999	-103.48141730	12/31/9999
43650	OSPREY 10 #602H	O	A	EOG RESOURCES INC	12027	32.13910780	-103.46226830	4/7/2017
43651	OSPREY 10 #701H	O	A	EOG RESOURCES INC	12,405	32	-103	4/6/2017
43795	OSPREY 10 #603H	O	N	EOG RESOURCES INC	0	32.13867580	-103.46110560	12/31/9999
43796	OSPREY 10 #604H	O	N	EOG RESOURCES INC	0	32.13823000	-103.45974210	12/31/9999
43797	OSPREY 10 #702H	O	N	EOG RESOURCES INC	0	32.13876800	-103.46130410	12/31/9999
43798	OSPREY 10 #703H	O	N	EOG RESOURCES INC	0	32.13872190	-103.46120480	12/31/9999
43799	OSPREY 10 #704H	O	N	EOG RESOURCES INC	0	32.13815870	-103.45981800	12/31/9999
44175	OSPREY 10 #705H	O	A	EOG RESOURCES INC	12837	32.13844170	-103.46543340	11/30/2017
44839	OSPREY 10 #301H	O	A	EOG RESOURCES INC	10289	32.13835130	-103.46628760	6/25/2018
44866	STONEWALL 28 FEDERAL COM #301H	O	A	EOG RESOURCES INC	10348	32.19525230	-103.48139220	7/5/2018
44867	STONEWALL 28 FEDERAL COM #302H	O	A	EOG RESOURCES INC	10320	32.19525220	-103.48128550	7/7/2018
44868	STONEWALL 28 FEDERAL COM #703H	O	N	EOG RESOURCES INC	0	32.19525210	-103.48117880	12/31/9999
44869	STONEWALL 28 FEDERAL COM #704H	O	N	EOG RESOURCES INC	0	32.19524920	-103.47770980	12/31/9999
44870	STONEWALL 28 FEDERAL COM #705H	O	N	EOG RESOURCES INC	0	32.19524910	-103.47760310	12/31/9999
44871	STONEWALL 28 FEDERAL COM #706H	O	N	EOG RESOURCES INC	0	32.19524900	-103.47749650	12/31/9999
44872	STONEWALL 28 FEDERAL COM #707H	O	N	EOG RESOURCES INC	0	32.19524680	-103.47499170	12/31/9999
44873	STONEWALL 28 FEDERAL COM #708H	O	N	EOG RESOURCES INC	0	32.19524590	-103.47488510	12/31/9999
44874	STONEWALL 28 FEDERAL COM #713H	O	N	EOG RESOURCES INC	0	32.19524110	-103.46861270	12/31/9999
44875	STONEWALL 28 FEDERAL COM #714H	O	N	EOG RESOURCES INC	0	32.19524100	-103.46850600	12/31/9999
44926	STONEWALL 28 FEDERAL COM #709H	O	N	EOG RESOURCES INC	0	32.19524670	-103.47477840	12/31/9999
44927	STONEWALL 28 FEDERAL COM #710H	O	N	EOG RESOURCES INC	0	32.19524400	-103.47181290	12/31/9999
44928	STONEWALL 28 FEDERAL COM #711H	O	N	EOG RESOURCES INC	0	32.19524390	-103.47170620	12/31/9999
44929	STONEWALL 28 FEDERAL COM #712H	O	N	EOG RESOURCES INC	0	32.19524390	-103.47159960	12/31/9999
44930	STONEWALL 28 FEDERAL COM #715H	O	N	EOG RESOURCES INC	0	32.19524090	-103.46839930	12/31/9999
45381	OSPREY 10 #302H	O	N	EOG RESOURCES INC	0	32.13832410	-103.46084700	12/31/9999
45382	OSPREY 10 #303H	O	N	EOG RESOURCES INC	0	32.13832400	-103.46073400	12/31/9999
45525	OSPREY 10 #706H	O	N	EOG RESOURCES INC	0	32.13866000	-103.45355490	2/28/2019



<b>Tomahawk SWD No. 1</b> <b>1-Mile Offset Operator - OCD</b> <b>NGL Water Solutions Permian, LLC</b> <b>Lea Co., NM</b>	
PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)	
Drawn by: ASG	Date: 5/1/2019
Approved by: ELR	
<b>LONGQUIST &amp; CO. LLC</b> PETROLEUM ENGINEERS ENERGY ADVISORS AUSTIN HOUSTON WICHITA DENVER CALGARY	
+ Tomahawk SWD No. 1 SHL 1-Mile OO-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 (33) Active - Gas (4) Cancelled/Abandoned Location (2) Plugged/Site Released - Gas (7) API (30-025-...) BHL Status-Type (Count) Active - Oil (7) Cancelled/Abandoned Location (3) Permitted - Oil (23) Offset Operators EOG RESOURCES INC NO ACTIVE WELLS Source: NM-OCD/NM-RLM/NM-SLO (2018)	
821 FDDY LEA Map Extent NEW MEXICO TEXAS 285 BEELING LOVING ANDREWS	





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