

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

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

CASE NO. 16506

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 Harpoon SWD #1 well in October 2018. NGL submitted an amended application on November 30, 2018. NGL is providing this amended application to update the proposed location for drilling the well.

(2) NGL proposes to drill the Harpoon SWD #1 well at a surface location 900 feet from the South line and 150 feet from the West line of Section 27, Township 24 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 NGL amended application previously filed with the Division on November 30, 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 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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Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Attorneys for Applicant

CASE NO. 16506: 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 Harpoon SWD #1 well at a surface location 900 feet from the South line and 150 feet from the West line of Section 27, 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 16,960' to 18,850'. 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 16.3 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) 748-9720
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

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 HARPOON SWD			⁶ Well Number 1
⁷ OGRID No. 372338		⁸ Operator Name NGL WATER SOLUTIONS PERMIAN, LLC			⁹ Elevation 3440.00'±

¹⁰ Surface Location

UL or lot no. M	Section 27	Township 24 S	Range 34 E	Lot Idn N/A	Feet from the 900'	North/South line SOUTH	Feet from the 150'	East/West line WEST	County LEA
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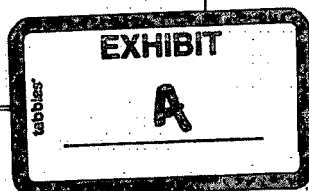
¹¹ Bottom Hole Location If Different From Surface

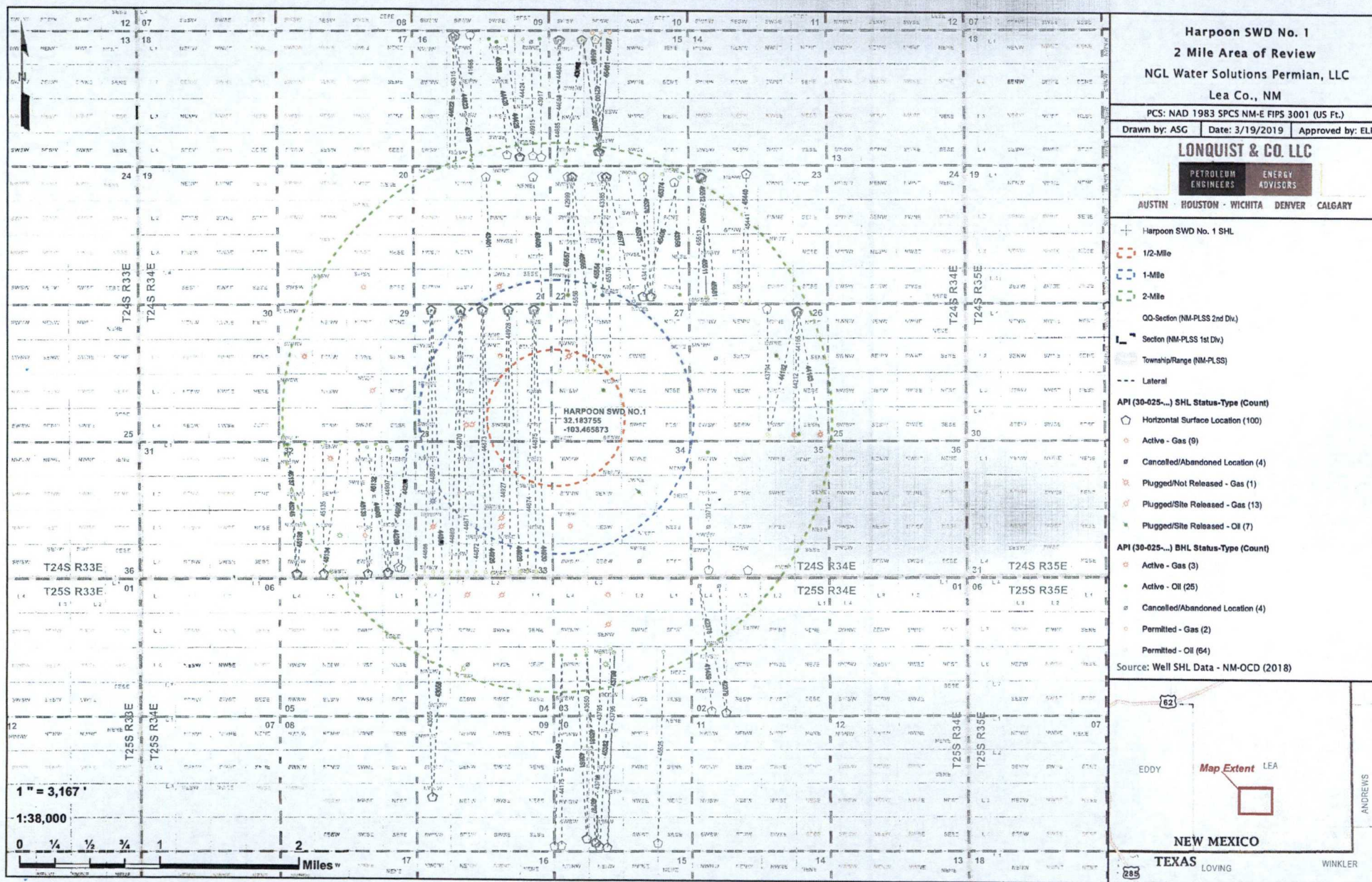
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable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

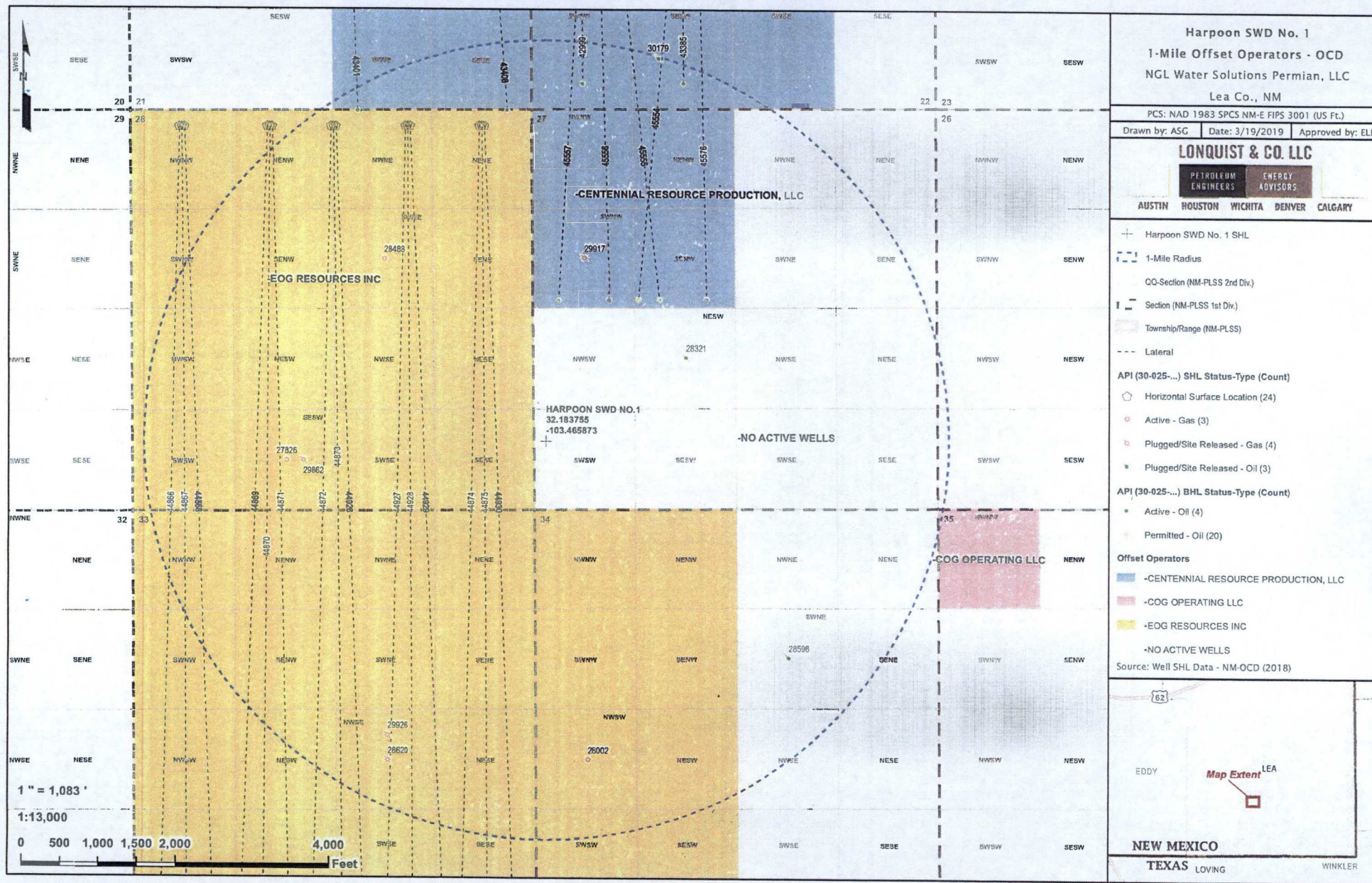
	SECTION 27 PROPOSED HARPOON SWD 1 NMSP-E (NAD27) N: 431,608.52' E: 768,521.42' NMSP-E (NAD83) N: 431,667.00' E: 809,706.70' Lot: N32°11'01.52" Long: W103°27'57.14"	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or a 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. 3/22/2019 Signature Date Chris Weyand Printed Name chris@lonquist.com E-mail Address
		¹⁸ SURVEYOR CERTIFICATION 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. 03/13/2019 Date of Survey Signature and Seal of Professional Surveyor 25114 Certificate Number

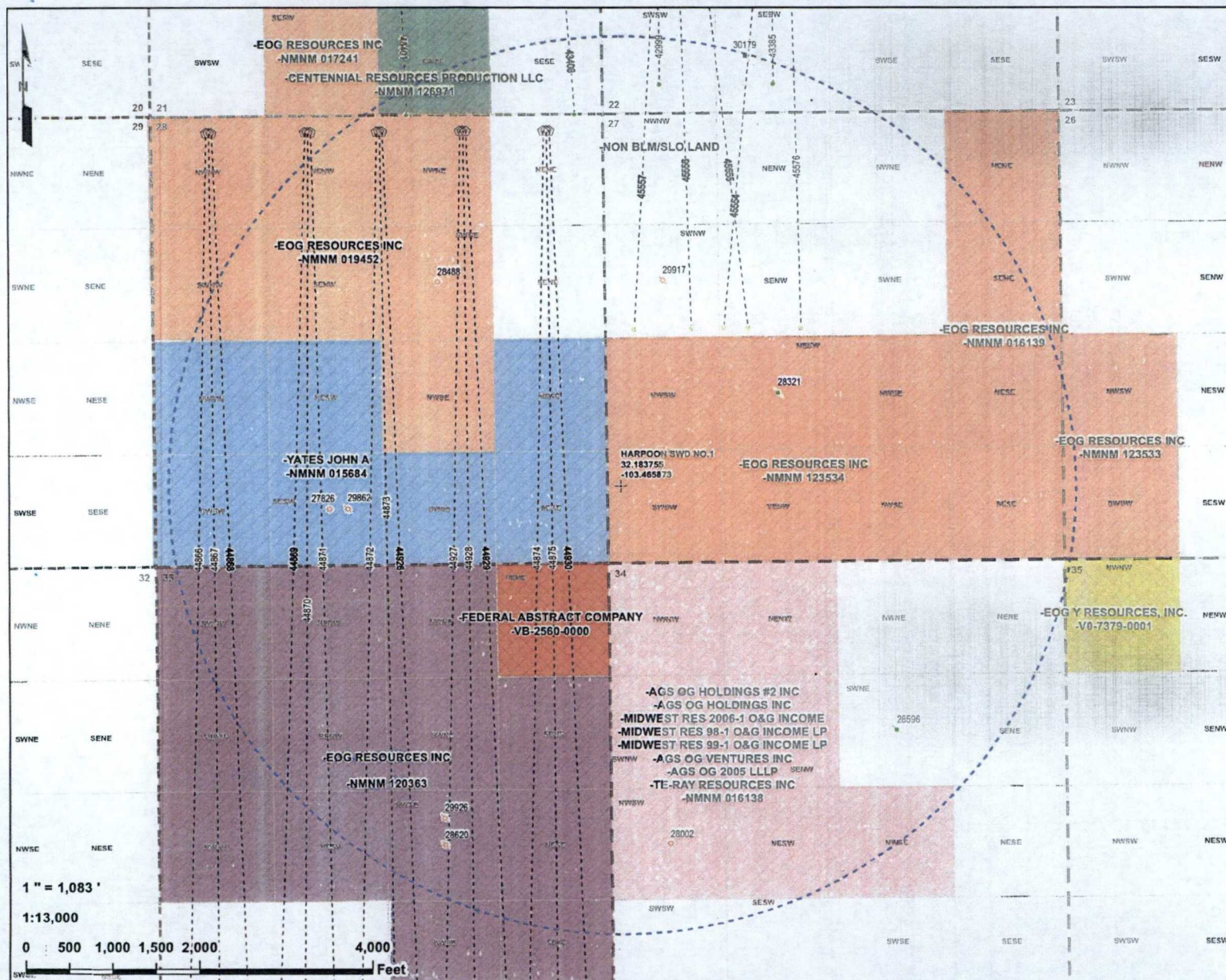




**Harpoon SWD No. 1
1 Mile Area of Review List**

API (30-025-...)	WELL NAME	WELL TYPE	STATUS	OPERATOR	TVD (FT.)	LATITUDE (NAD83 DD)	LONGITUDE (NAD83 DD)	DATE DRILLED
27826	MADERA 28 FEDERAL COM #001	G	A	EOG RESOURCES INC	15300	32.18309780000	-103.47696690000	6/18/1982
28002	PITCHFORK 34 FEDERAL COM #001	G	A	EOG RESOURCES INC	15435	32.17219160000	-103.46417240000	11/11/1982
28321	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	15530	32.18671420000	-103.45993040000	1/1/1900
28488	PITCHFORK RANCH 28 FEDERAL COM #001	G	A	EOG RESOURCES INC	15250	32.19035720000	-103.47274020000	12/2/1983
28596	MOORE 34 COM #001	O	P	JOHNNY G JONES	15376	32.17582320000	-103.45564270000	2/13/1984
28620	MADERA 33 FEDERAL COM #002	G	P	EOG RESOURCES INC	15159	32.17220310000	-103.47270200000	5/9/1984
29862	MADERA 28 FEDERAL COM #002	G	P	EOG RESOURCES INC	13945	32.18309780000	-103.47625730000	3/10/1987
29917	PRE-ONGARD WELL #001	G	P	PRE-ONGARD WELL OPERATOR	15142	32.19034960000	-103.46420290000	1/1/1900
29926	MADERA 33 FEDERAL COM #004	G	P	EOG RESOURCES INC	14000	32.17310330000	-103.47270200000	7/18/1987
30179	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	15500	32.19760510000	-103.46101380000	1/1/1900
42999	ROMEO FEDERAL COM #001H	O	A	CENTENNIAL RESOURCE PRODUCTION, LLC	11210	32.20919210000	-103.46423440000	1/21/2017
43385	JULIET FEDERAL COM #001H	O	A	CENTENNIAL RESOURCE PRODUCTION, LLC	12421	32.20919210000	-103.45996790000	12/3/2017
43401	RAIDER FEDERAL #301H	O	A	CENTENNIAL RESOURCE PRODUCTION, LLC	10408	32.20920340000	-103.47431920000	9/10/2018
43408	RAIDER FEDERAL COM #101H	O	A	CENTENNIAL RESOURCE PRODUCTION, LLC	9417	32.20919490000	-103.46850280000	9/13/2018
44866	STONEWALL 28 FEDERAL COM #301H	O	N	EOG RESOURCES INC	0	32.19525230000	-103.48139220000	7/5/2018
44867	STONEWALL 28 FEDERAL COM #302H	O	N	EOG RESOURCES INC	0	32.19525220000	-103.48128550000	7/7/2018
44868	STONEWALL 28 FEDERAL COM #703H	O	N	EOG RESOURCES INC	0	32.19525210000	-103.48117880000	12/31/9999
44869	STONEWALL 28 FEDERAL COM #704H	O	N	EOG RESOURCES INC	0	32.19524920000	-103.47770980000	12/31/9999
44870	STONEWALL 28 FEDERAL COM #705H	O	N	EOG RESOURCES INC	0	32.19524910000	-103.47760310000	12/31/9999
44871	STONEWALL 28 FEDERAL COM #706H	O	N	EOG RESOURCES INC	0	32.19524900000	-103.47749650000	12/31/9999
44872	STONEWALL 28 FEDERAL COM #707H	O	N	EOG RESOURCES INC	0	32.19524680000	-103.47499170000	12/31/9999
44873	STONEWALL 28 FEDERAL COM #708H	O	N	EOG RESOURCES INC	0	32.19524590000	-103.47488510000	12/31/9999
44874	STONEWALL 28 FEDERAL COM #713H	O	N	EOG RESOURCES INC	0	32.19524110000	-103.46861270000	12/31/9999
44875	STONEWALL 28 FEDERAL COM #714H	O	N	EOG RESOURCES INC	0	32.19524100000	-103.46850600000	12/31/9999
44926	STONEWALL 28 FEDERAL COM #709H	O	N	EOG RESOURCES INC	0	32.19524670000	-103.47477840000	12/31/9999
44927	STONEWALL 28 FEDERAL COM #710H	O	N	EOG RESOURCES INC	0	32.19524400000	-103.47181290000	12/31/9999
44928	STONEWALL 28 FEDERAL COM #711H	O	N	EOG RESOURCES INC	0	32.19524390000	-103.47170620000	12/31/9999
44929	STONEWALL 28 FEDERAL COM #712H	O	N	EOG RESOURCES INC	0	32.19524390000	-103.47159960000	12/31/9999
44930	STONEWALL 28 FEDERAL COM #715H	O	N	EOG RESOURCES INC	0	32.19524090000	-103.46839930000	12/31/9999
45554	JULIET FEDERAL COM #503H	O	N	CENTENNIAL RESOURCE PRODUCTION, LLC	0	32.20918800000	-103.45950400000	12/31/9999
45555	JULIET FEDERAL COM #707H	O	N	CENTENNIAL RESOURCE PRODUCTION, LLC	0	32.20919200000	-103.46355400000	12/31/9999
45556	ROMEO FEDERAL COM #706H	O	N	CENTENNIAL RESOURCE PRODUCTION, LLC	0	32.20919200000	-103.46365200000	12/31/9999
45557	ROMEO FEDERAL COM #705H	O	N	CENTENNIAL RESOURCE PRODUCTION, LLC	0	32.20919200000	-103.46374900000	12/31/9999
45576	JULIET FEDERAL COM #504H	O	N	CENTENNIAL RESOURCE PRODUCTION, LLC	0	32.20918800000	-103.45940700000	12/31/9999





Harpoon SWD No. 1

1 Mile Offset 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: 3/19/2019 Approved by: ELR

LONQUIST & CO. LLC

PETROLEUM ENGINEERS ENERGY ADVISORS

AUSTIN HOUSTON WICHITA DENVER CALGARY

Legend:

- Harpoon SWD No. 1 SHL
- 1-Mile Radius
- NM-SLO
- NM-BLM
- 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 (24)
- Active - Gas (3)
- Plugged/Site Released - Gas (4)
- Plugged/Site Released - Oil (3)

API (30-025-...) BHL Status-Type (Count)

- Active - Oil (4)
- Permitted - Oil (20)

Lessee(s)

- AGS OG HOLDINGS #2 INC; -AGS OG HOLDINGS INC; -MIDWEST RES 2006-1 O&G INCOME; -MIDWEST RES 98-1 O&G INCOME LP; -MIDWEST RES 99-1 O&G INCOME LP; -AGS OG VENTURES INC; -AGS OG 2005 LLLP; -TE-RAY RESOURCES INC
- EOG RESOURCES INC
- CENTENNIAL RESOURCES PRODUCTION LLC
- EOG Y RESOURCES, INC.
- FEDERAL ABSTRACT COMPANY
- YATES JOHN A
- NON BLM/SLO LAND

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

Map Extent

LEA

EDDY

NEW MEXICO

TEXAS LOVING WINKLER