

**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 and Natural Resources**  
**Oil Conservation Division**  
**1220 South St. Francis Dr.**  
**Santa Fe, NM 87505**

**NM OIL CONSERVATION**

ARTESIA DISTRICT

Form C-101  
Revised July 18, 2013

MAR 26 2018

☐ AMENDED REPORT

RECEIVED

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address DELAWARE ENERGY, LLC 405 N. MARIENFELD, SUITE 250 MIDLAND, TX 79707		<sup>2</sup> OGRID Number 371195
		<sup>3</sup> API Number 30-015-44853
<sup>4</sup> Property Code 321154	<sup>5</sup> Property Name RUEHLE SWD	<sup>6</sup> Well No. 1

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	28	23 S	27 E		660	S	660	E	EDDY

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**9. Pool Information**

Pool Name SWD; DEVONIAN	Pool Code 96101
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**Additional Well Information**

<sup>11</sup> Work Type N	<sup>12</sup> Well Type S	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type P	<sup>15</sup> Ground Level Elevation 3,184'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 13,900'	<sup>18</sup> Formation DEVONIAN	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date 4/15/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURFACE	17.5"	13.375"	54.5	500'	450	0'
INTER	12.25"	9.625"	47	9,000'	2500	0'
PROD	8.5"	7.625	39	12,900'	650	0'

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE RAM	5000	5000	CAMERON

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: <i>Sarah Presley</i>		OIL CONSERVATION DIVISION	
Printed name: SARAH PRESLEY		Approved By: <i>Raymond W. Godang</i>	
Title: OPERATIONS MANAGER		Title: <i>Geology 341</i>	
E-mail Address: S.PRESLEY@DELAWAREENERGY.COM		Approved Date: 4-6-18      Expiration Date: 4-6-20	
Date: 3.21.2018	Phone: 432-685-7005	Conditions of Approval Attached: <i>Approval C103</i>	

## ARTESIA DISTRICT

Revised August 1, 2011

1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3480 Fax: (505) 476-3482

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

### Surface Location

Bottom Hole Location If Different From Surface

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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**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 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.

*Sarah Presley* 3.21.18  
Signature Date

Sarah Presley  
Printed Name  
s.presley@delawareenergy.com  
Email Address

**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.

MARCH 06, 2018  
Date Surveyed  
Signature of Professional Surveyor  
7977  
Certificate No. 7977  
State of New Mexico  
Professional Surveyor

**SURFACE LOCATION**  
Lat - N 32.270189°  
Long - W 104.188516°  
NMSPCE- N 462058.0  
E 586097.1  
(NAD-83)

N:461396.6  
E:581479.4  
(NAD 83)

N:461397.4  
E:586122.3  
(NAD 83)

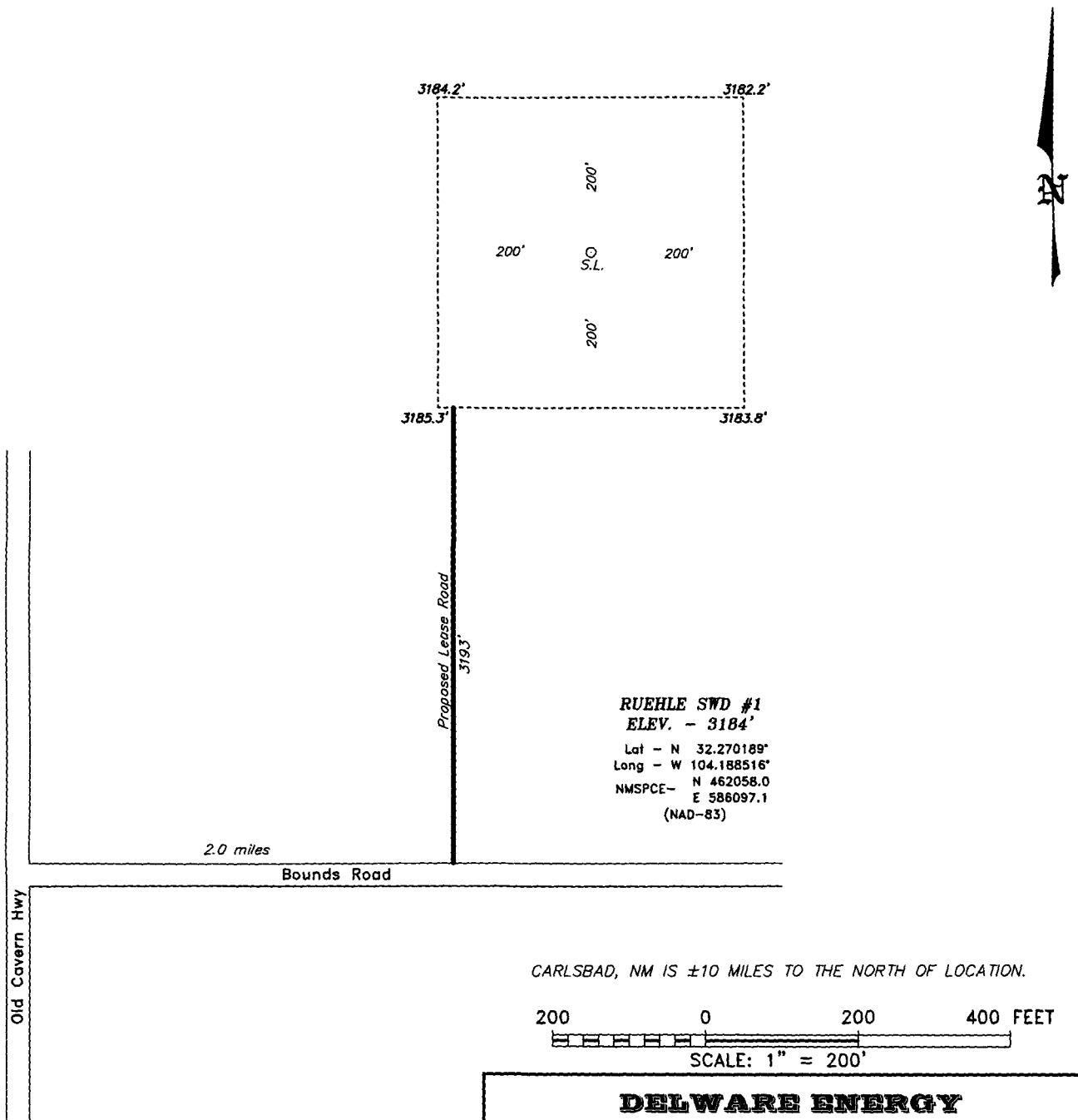
N:466556.8  
E:586705.7  
(NAD 83)

660'

0' 500' 1000' 1500' 2000'

SCALE: 1" = 1000'  
WO Num.: 33603

SECTION 28, TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



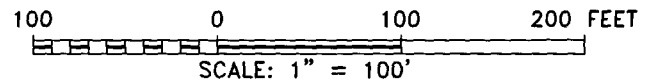
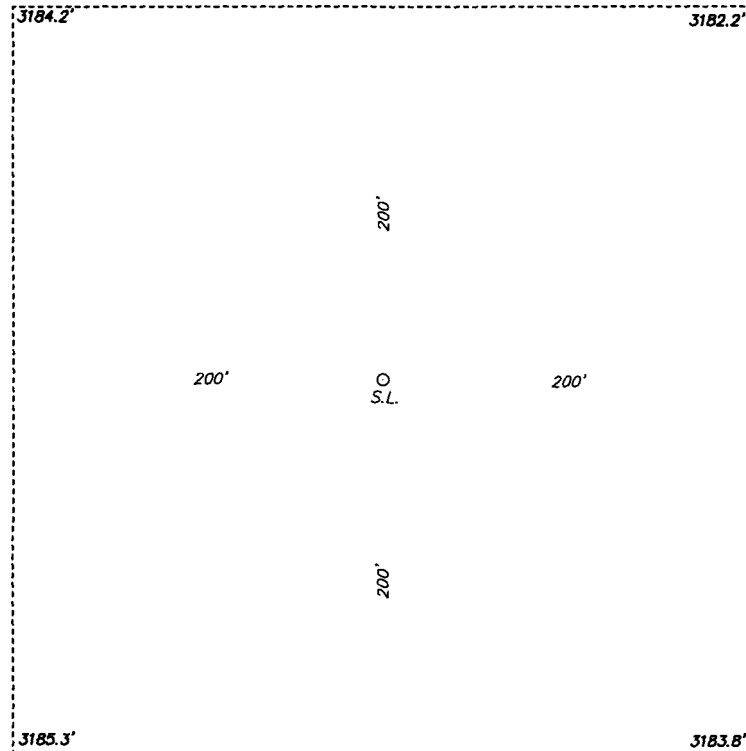
P.O. Box 1786 (575) 393-7316 - Office  
1120 N. West County Rd. (575) 392-2206 - Fax  
Hobbs, New Mexico 88241 basinsurveys.com

**DELAWARE ENERGY**

REF: RUEHLE SWD #1 / WELL PAD TOPO

THE RUEHLE SWD #1 LOCATED 660' FROM  
THE SOUTH LINE AND 660' FROM THE EAST LINE OF  
SECTION 28, TOWNSHIP 23 SOUTH, RANGE 27 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

SECTION 28, TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



**DELMWARE ENERGY**

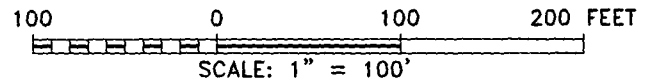
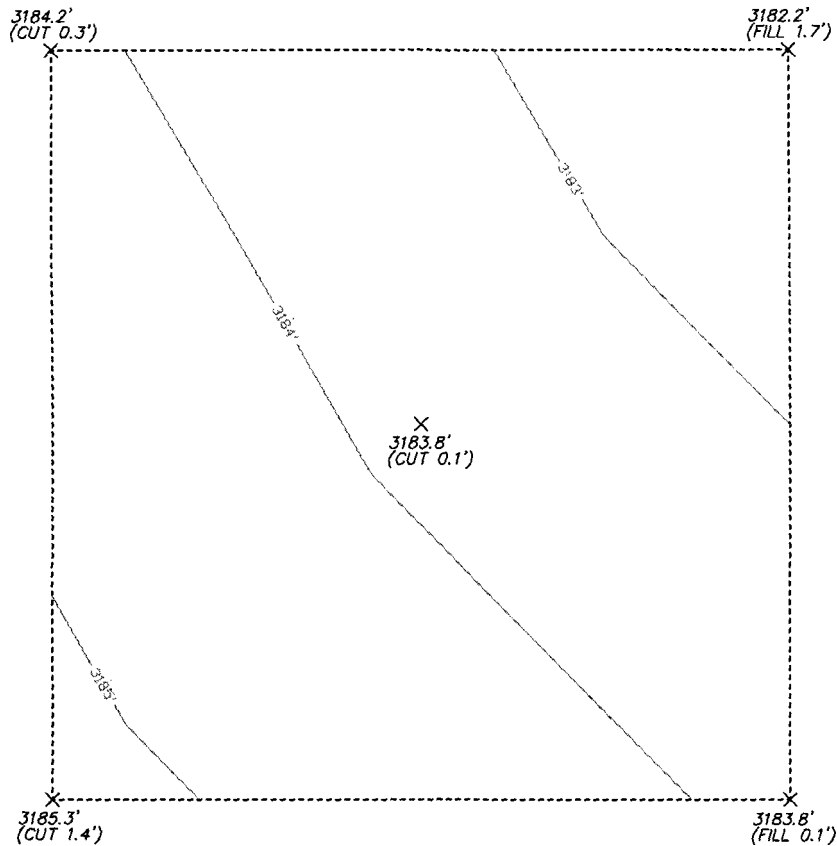
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N.M.P.M., EDDY COUNTY, NEW MEXICO.

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**SECTION 28, TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.**



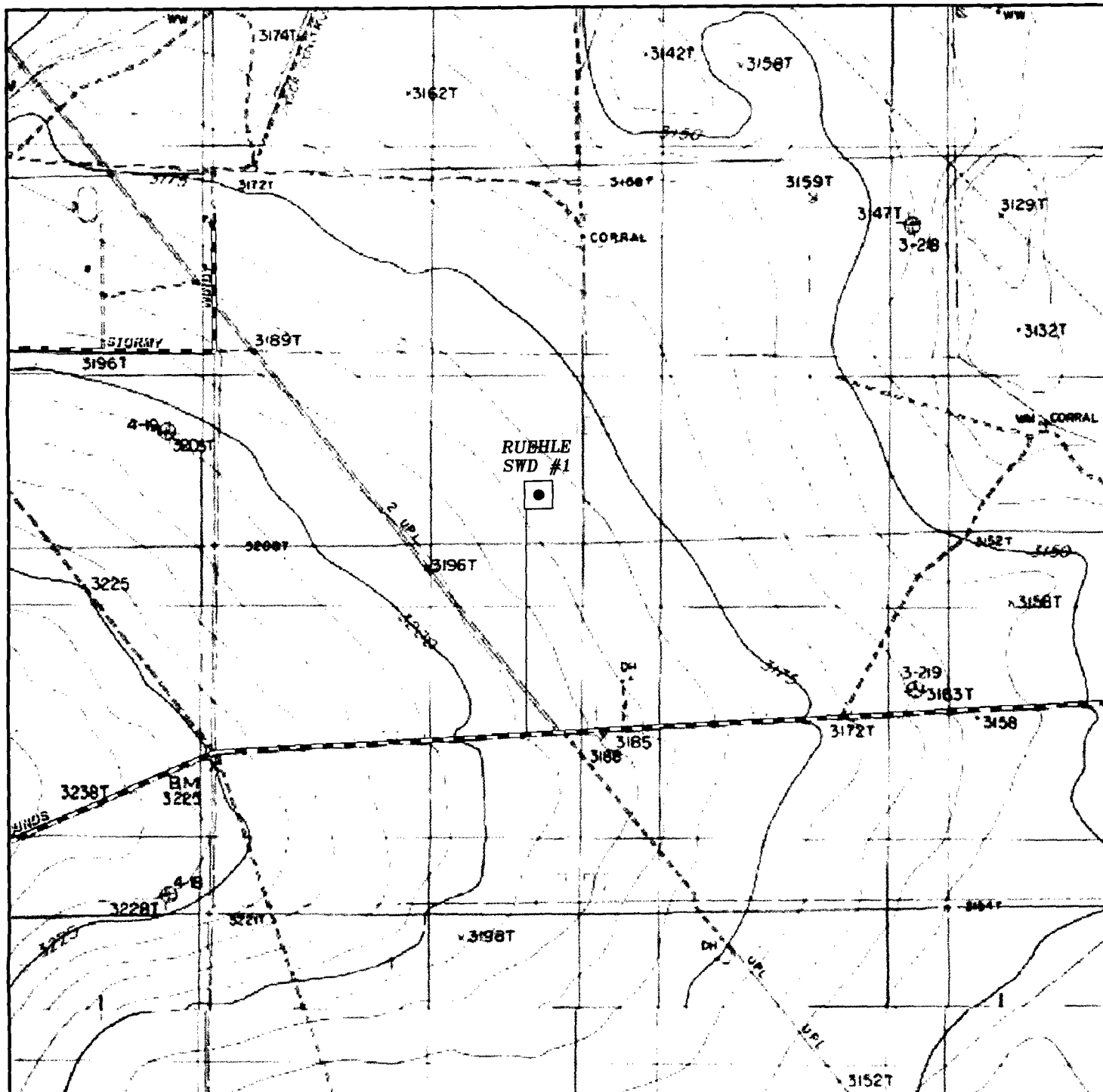
**DELRWARE ENERGY**

REF: RUEHLE SWD #1 / CUT & FILL

THE RUEHLE SWD #1 LOCATED 660' FROM  
THE SOUTH LINE AND 660' FROM THE EAST LINE OF  
SECTION 28, TOWNSHIP 23 SOUTH, RANGE 27 EAST,  
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# RUEHLE SWD #1

Located 660' FSL & 660' FEL  
Section 28, Township 23 South, Range 27 East,  
N.M.P.M., Eddy County, New Mexico.

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0' 1000' 2000' 3000' 4000'

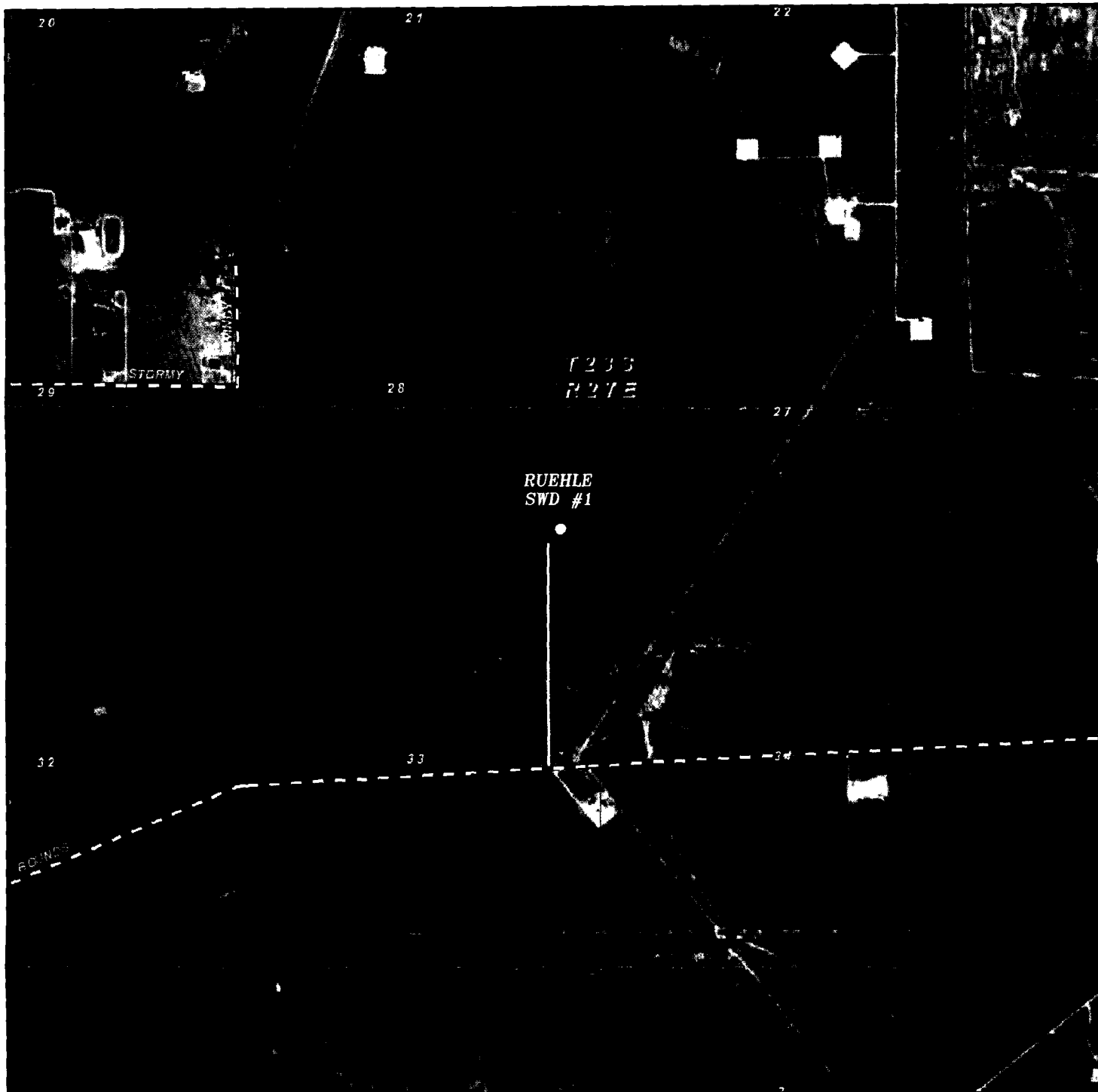
SCALE: 1" = 2000'

W.O. Number: KJG - 33603

Survey Date: 03-06-2018

YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

**DELAWARE**  
**ENERGY**



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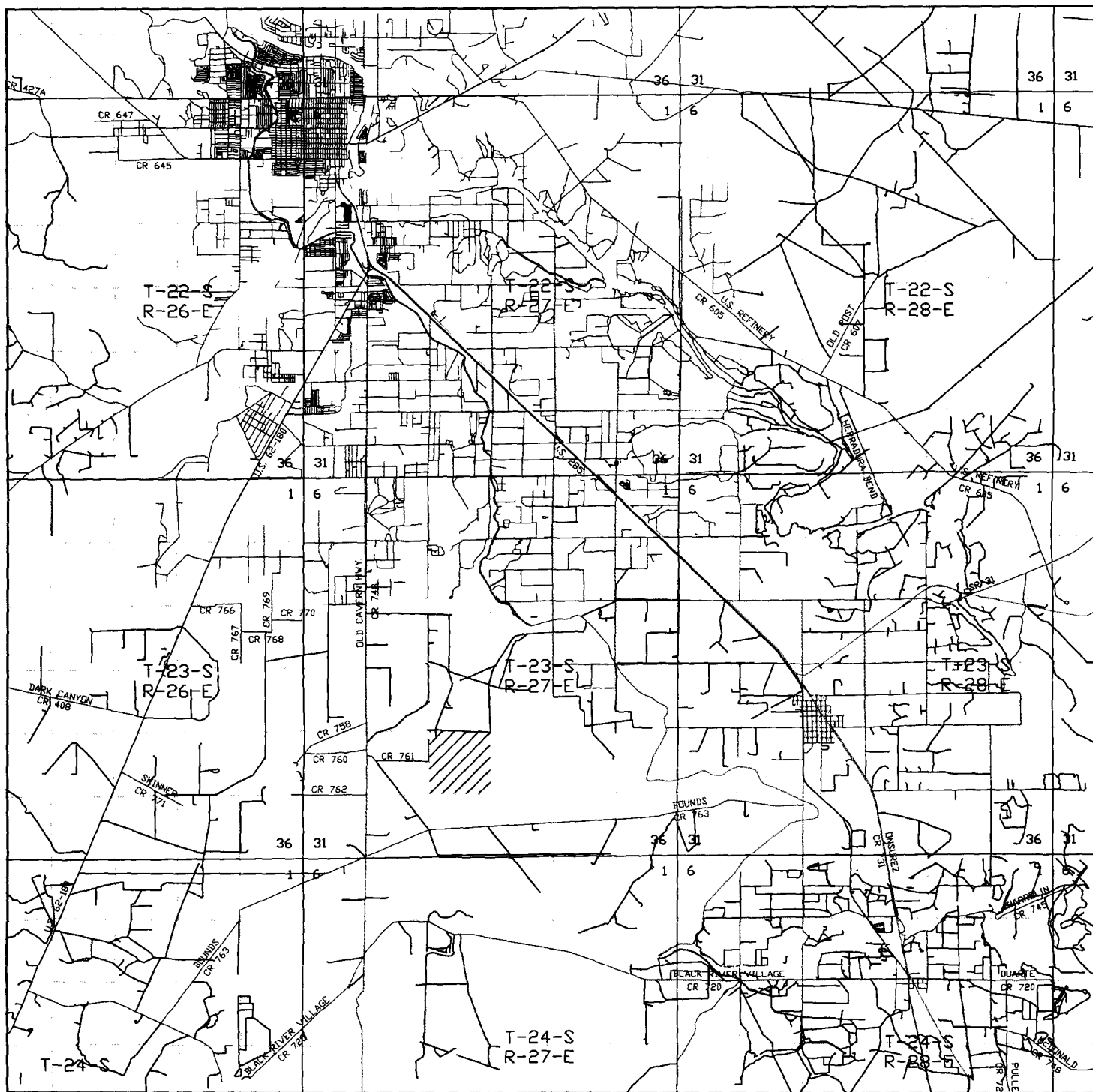
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**DELAWARE**  
**ENERGY**



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0 1 MI 2 MI 3 MI 4 MI  
SCALE: 1" = 2 MILES

W.O. Number: KJG 33603

Survey Date: 03-06-2018

YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

**DELAWARE**  
**ENERGY**