

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. **NM OIL CONSERVATION**
ARTESIA DISTRICT

Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

APR 09 2018

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

¹ Operator Name and Address DELAWARE ENERGY, LLC 405 N. MARIENFELD SUITE #250 MIDLAND TEXAS 79701		RECEIVED ² Number 371195
		³ API Number 30-015- 44866
⁴ Property Code 321176	⁵ Property Name JOHELEN SWD	⁶ Well No. 1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	12	26S	26E		975	SOUTH	2,373	WEST	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 DEVONIAN; SWD	Pool Code 96101
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Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type FEE	¹⁵ Ground Level Elevation 3,245'
¹⁶ Multiple N	¹⁷ Proposed Depth 13,900FT	¹⁸ Formation DEVONIAN	¹⁹ Contractor TO BE DETERMINED	²⁰ Spud Date 4/15/2018
Depth to Ground water 50-300feet	Distance from nearest fresh water well 650FT	Distance to nearest surface water 300 feet		

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

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	550	0
INTER	12.25"	9.625"	47	9,000	2500	0
PROD	8.5"	7-5/8"	39	12,900	650	0

Casing/Cement Program: Additional Comments

Drill open hole in Devonian from 12,900ft to 13,900ft with 6.375" bit.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
BOP: DOUBLE RAM	5000	5000	CAMERON
ANNULAR	5000	5000	CAMERON

²³ 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 ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

Signature:

Printed name: MIKE MCCURDY

OIL CONSERVATION DIVISION

Approved By:

Raymond G. Dodson 4-13-18

Title: *Geologist*

Approved - C 108.

Title: VP Operations		Approved Date:	Expiration Date:
E-mail Address: m.mccurdy@delawareenergy.com			
Date: 3/9/2018	Phone: 432-312-5251	Conditions of Approval Attached	

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240
Phone (575) 393-8181 Fax: (575) 393-8720

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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3488 Fax: (505) 478-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-44866	Pool Code 96101	Pool Name SWD; Deuman
Code 321176	Property Name JOHELEN SWD	Well Number 1
OGRID No. 371195	Operator Name DELAWARE ENERGY	Elevation 3245'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	12	26 S	26 E		975	SOUTH	2373	WEST	EDDY

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

Dedicated Acres	Joint or Infill	Consolidation Code	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

<p>N: 387166.1 E: 565449.3 (NAD83)</p> <p>N: 387192.3 E: 566143.1 (NAD83)</p> <p>N: 387217.9 E: 570837.1 (NAD83)</p> <p>N: 384501.7 E: 565507.6 (NAD83)</p> <p>N: 381846.3 E: 565566.4 (NAD83)</p> <p>N: 381868.2 E: 568215.7 (NAD83)</p> <p>N: 381889.0 E: 570864.2 (NAD83)</p> <p>N: 384554.0 E: 570850.7 (NAD83)</p>	<p>3242.6'</p> <p>3237.1'</p> <p>3247.3'</p> <p>3248.3'</p> <p>S.L.</p> <p>2373'</p> <p>975'</p> <p>SURFACE LOCATION Lat - N 32.052481° Long - W 104.247541° NADSPCE- N 382841.0 E 567916.9 (NAD-83)</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>[Signature]</i> 3/1/2018 Signature Date Mike McCurdy Printed Name m.mccurdy@delawareenergy.com Email Address</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>DECEMBER 12 2017 Date Surveyed Signature & Seal of Professional Surveyor 7977 Certificate No. 7977 BASIN SURVEY</p> <p>0' 1000' 2000' 3000' 4000' SCALE: 1" = 2000' WO Num.: 33462</p>
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BWP 4-13-18