

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

RECEIVED

Form C-101
Revised July 18, 2013

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

OCT 15 2018 AMENDED REPORT

DISTRICT II-ARTESIA O.C.D.

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, TX 79707		² OGRID Number 371195
⁴ Property Code 322749		³ API Number 30-015-45356
⁵ Property Name GOAT RANCH 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
A	29	25 S	28 E		200	N	410	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

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3,002'
¹⁶ Multiple N	¹⁷ Proposed Depth 15.225'	¹⁸ Formation DEVONIAN	¹⁹ Contractor TBD	²⁰ Spud Date 1/1/2019
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

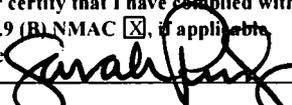
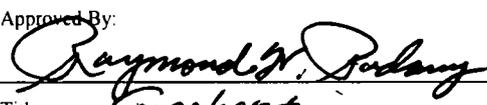
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURFACE	17.5"	13.375"	54.5	500'	450	0'
INTER	12.25"	9.625"	47	9,250'	2500	0'
PROD	8.5"	7.625"	39	14,225'	650	0'

Casing/Cement Program: Additional Comments

14,225' - 15,225' - INJECTION INTERVAL (OPEN HOLE)
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE RAM	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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:  Printed name: SARAH PRESLEY Title: OPERATIONS MANAGER E-mail Address: S.PRESLEY@DELAWAREENERGY.COM Date: 10.12.2018 Phone: 432-685-7005	OIL CONSERVATION DIVISION	
	Approved By: 	
	Title: <u>Geologist</u>	
	Approved Date: 10-22-18	Expiration Date: 10-22-20
	Conditions of Approval Attached <u>Approved C-108;</u>	

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

Submit one copy to appropriate District Office
OCT 15 2018

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT AMENDED REPORT

API Number 30-015-45356	Pool Code 96101	Pool Name SWD; DEVONIAN
Property Code 322749	Property Name GOAT RANCH SWD	Well Number 1
OGRID No. 371195	Operator Name DELAWARE ENERGY	Elevation 3002'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	25 S	28 E		200	NORTH	410	EAST	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: 403105.6 E: 610715.1 (NAD83)</p>	<p>SURFACE LOCATION Lat - N 32.107552° Long - W 104.102079° NMSPC- N 402940.6 E 612940.0 (NAD-83)</p>	<p>N: 403146.8 E: 613348.2 (NAD83)</p>	<p>N: 400452.1 E: 613370.5 (NAD83)</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 this division.</p> <p style="text-align: right;">Signature: <i>Sarah Presley</i> Date: 10.12.18</p> <p>Printed Name: SARAH PRESLEY Email Address: s.presley@delawareenergy.com</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 style="text-align: right;">Date Surveyed: MAY 31, 2018 Signature: <i>[Signature]</i> Professional Surveyor</p> <p style="text-align: right;">Certificate No. 7977 Bureau of Energy Conservation</p>			
<p>0' 500' 1000' 1500' 2000'</p> <p>SCALE: 1" = 1000' WO Num.: 33789</p>			

Federal Minerals. RW 10-22-18