

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

Form C-101
Revised July 18, 2013

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
OCT 23 2017
AMENDED REPORT
RECEIVED

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 78705		² OGRID Number 371195
³ API Number 30-015-23809		
⁴ Property Code 319815	⁵ Property Name PARDUE FARMS 21 SWD #1	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
	21	24S	28E		990	NORTH	1980	EAST	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 E	¹² Well Type S	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3022.0
¹⁶ Multiple NO	¹⁷ Proposed Depth 15,000	¹⁸ Formation DEVONIAN	¹⁹ Contractor PATRIOT DRILLING	²⁰ Spud Date 12/01/2017
Depth to Ground water 260		Distance from nearest fresh water well 1,000FT		Distance to nearest surface water 5,000FT

☒ 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
SURF	26"	20"	106.5#	505'	1,100	SURFACE, CIRC
INTER	17.5"	13-3/8"	61#	2,600'	3,550	SURFACE, CIRC
INTER	12.25"	9-5/8"	47# & 43.5#	9,450'	2,300	1,000FT
**PROD.	8.5"	7.0"	29#	13,850'	1,500	SURFACE

Casing/Cement Program: Additional Comments

WELL WILL BE REENTERED AND CLEANED OUT TO 11,800FT, THEN DRILLED TO 13,850' AND 7" CASING RUN TO SURFACE AND CEMENTED TO SURFACE. SURFACE AND BOTH INTERMEDIATE CASING STRINGS ARE EXISTING. WELL WILL BE OPEN HOLE COMPLETION IN DEVONIAN WITH 6.0" BIT.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE RAM BOP/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: _____

Title: _____

11-2-2017
APPROVED C-108 Guidelines

Title: OPERATIONS ENGINEER		Approved Date:	Expiration Date:
E-mail Address: M.MCCURDY@DELAWAREENERGY.COM			
Date: 10/18/2017	Phone: 432-312-5251	Conditions of Approval Attached	