

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

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

HOBBS OCD
MAR 23 2018

RECEIVED

MIN P
SUR P

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 321170	³ Property Name MOOMAW SWD	⁵ API Number 30-025-44661 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
G	25	24 S	34 E		1646	N	2294	E	LEA

*** 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-SILURIAN	Pool Code 97869
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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 3,380'
¹⁶ Multiple N	¹⁷ Proposed Depth 19,200'	¹⁸ Formation DEVONIAN - FUSSELMAN	¹⁹ Contractor TBD	²⁰ Spud Date 4/1/2018
Depth to Ground water 175'		Distance from nearest fresh water well N/A		Distance to nearest surface water N/A

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

21. Proposed Casing and Cement Program

PROD
LINER-PROD

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURFACE	17.5"	13.375"	54.5	1,000'	1,000	0'
INTER	12.25"	9.625"	47	12,700'	3,000	0'
PROD	8.5"	7.625"	39	12,500' - 17,400'	1,000	12,500'

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

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: <i>Sarah Presley</i>		OIL CONSERVATION DIVISION	
Printed name: SARAH PRESLEY		Approved By: <i>[Signature]</i>	
Title: OPERATIONS MANAGER		Title: Petroleum Engineer	
E-mail Address: S.PRESLEY@DELAWAREENERGY.COM		Approved Date: <i>04/09/18</i> Expiration Date: <i>04/09/20</i>	
Date: 3.21.2018	Phone: 432-685-7005	Conditions of Approval Attached	

See Attached
Conditions of Approval

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-44661	DELAWARE ENERGY, LLC	MOOMAW SWD # 001

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

XXXXXXX	Will require administrative order for SWD prior to placing the well on injection

Other wells

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Drilling

XXXXXXX	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string

Casing

XXXXXXX	SURFACE CASING - Cement must circulate to surface --
XXXXXXX	PRODUCTION CASING - Cement must circulate to surface --
XXXXXXX	LINER - Top of Cement must come to top of liner
XXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
	South Area
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

Pits

XXXXXXX	If using a pit for drilling and completions, must have an approved pit form prior to spudding the well

Completion & Production

XXXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 114
XXXXXXX	Must conduct MIT prior to any injection