

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

HOBBS OCD
AUG 10 2018
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Form C-101
 Revised July 18, 2013

AMENDED REPORT

MAIN F
SUR P

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

¹ Operator Name and Address OWL SWD Operating, LLC 8214 Westchester Drive, Suite 850, Dallas, TX 75255		² OGRID Number 308339
³ Property Code <i>315064</i>		³ API Number 30-025- <i>45085</i>
³ Property Name Brininstool SWD		⁶ Well No. 4

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	26	23S	33E		330	South	2350	East	Lea

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, Silurian-Devonian	Pool Code <i>9809</i> 96101
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Additional Well Information

¹¹ Work Type N	¹² Well Type SWD	¹³ Cable/Rotary R	¹⁴ Lease Type Private	¹⁵ Ground Level Elevation 3,653'
¹⁶ Multiple N	¹⁷ Proposed Depth 18,500'	¹⁸ Formation Devonian	¹⁹ Contractor TBD	²⁰ Spud Date ASAP
Depth to Ground water 400'	Distance from nearest fresh water well 2,407'	Distance to nearest surface water +1 mi		

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

SWD-1687

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	26"	20"	169.00 lb/ft	1,850'	3,315 sks	Surface
Intermediate	17.5"	13.625"	88.20 lb/ft	5,300'	1,760 sks	Surface
Production	12.25"	9.875"	62.80 lb/ft	12,200'	1,780 sks	Surface
Prod. Liner	8.5"	7"	38.00 lb/ft	12,000'-17,100'	800 sks	12,000'
Tubing	N/A	5" / 4.5"	15 lb/ft / 15.1 lb/ft	0' - 12,000' / 12,000' - 17,000'	N/A	N/A

Casing/Cement Program: Additional Comments

See attached schematic.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/ Blinds, Pipe	5,000 psi	8,000 psi	TBD (Schaffer/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: *[Signature]*

OIL CONSERVATION DIVISION

Approved By: *[Signature]*

Printed name: Stephen L. Pattee, P.G.

Title:

Title: Consulting Engineer- Agent for OWL SWD Operating, LLC

Approved Date: *08/14/18* Expiration Date: *08/14/20*

E-mail Address: steve@lonquist.com

Date: 08/07/2018

Phone: 512-600-1774

Conditions of Approval Attached