

**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-103  
Revised July 18, 2013

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**NOV 02 2018**  
☐ AMENDED REPORT  
**DISTRICT II-ARTESIA O.C.D.**

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

<sup>1</sup> Operator Name and Address 3Bear Field Services 415 W. Wall St., Suite 1212 Midland, TX 79701		<sup>2</sup> OGRID Number 372603  <sup>3</sup> API Number 30-025-015-45047
<sup>4</sup> Property Code 321564	<sup>5</sup> Property Name Foundation Minerals Fee SWD	<sup>6</sup> Well No. 1

**<sup>7</sup> Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
SW 1/4	4	24S	27E		2,309	South	366	West	Eddy

**<sup>8</sup> Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**<sup>9</sup> Pool Information**

Pool Name	Pool Code
SWD; Silurian-Devonian	97869

**Additional Well Information**

<sup>11</sup> Work Type N	<sup>12</sup> Well Type SWD	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Private	<sup>15</sup> Ground Level Elevation 3,174'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 14,095	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date ASAP
Depth to Ground water N/A		Distance from nearest fresh water well 3,210'		Distance to nearest surface water 2,500'

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

**<sup>21</sup> Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Conductor	26"	20"	94.00 lb/ft	120'	328 sks	Surface
Intermediate 1	17.5"	13.375"	54.50 lb/ft	510'	442 sks	Surface
Intermediate 2	12.25	9.625"	40.00 lb/ft	5,495'	1,457 sks	Surface
Production	8.5"	7-5/8"	38.00 lb/ft	5,195'-13,195'	701 sks	5,195'
Tubing	N/A	5.5"	17 lb/ft	0'-13,095'	N/A	N/A

**Casing/Cement Program: Additional Comments**

See attached schematic.

**<sup>22</sup> Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/ Blinds, Pipe	5,000 psi	8,000 psi	TBD (Schaffer/Cameron)

<sup>23</sup> 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: Tyler Mochlman

Title: Consulting Engineer- Agent for 3Bear Field Services, LLC

E-mail Address: tyler.mochlman@lonquist.com

Date: 11/1/2018

**OIL CONSERVATION DIVISION**

Approved By:

Title: Geologist

Approved Date: 11/13/18      Expiration Date: 11/13/2020

Conditions of Approval Attached Approved C-108.

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NOV 02 2018

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Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

DISTRICT II-ARTESIA O.C.D. Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-45047	<sup>2</sup> Pool Code 97869	<sup>3</sup> Pool Name SWD; Silurian-Devonian
<sup>4</sup> Property Code 321564	<sup>5</sup> Property Name FOUNDATION MINERALS FEE SWD	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 372603	<sup>8</sup> Operator Name 3BEAR FIELD SERVICES, LLC	<sup>9</sup> Elevation 3174'

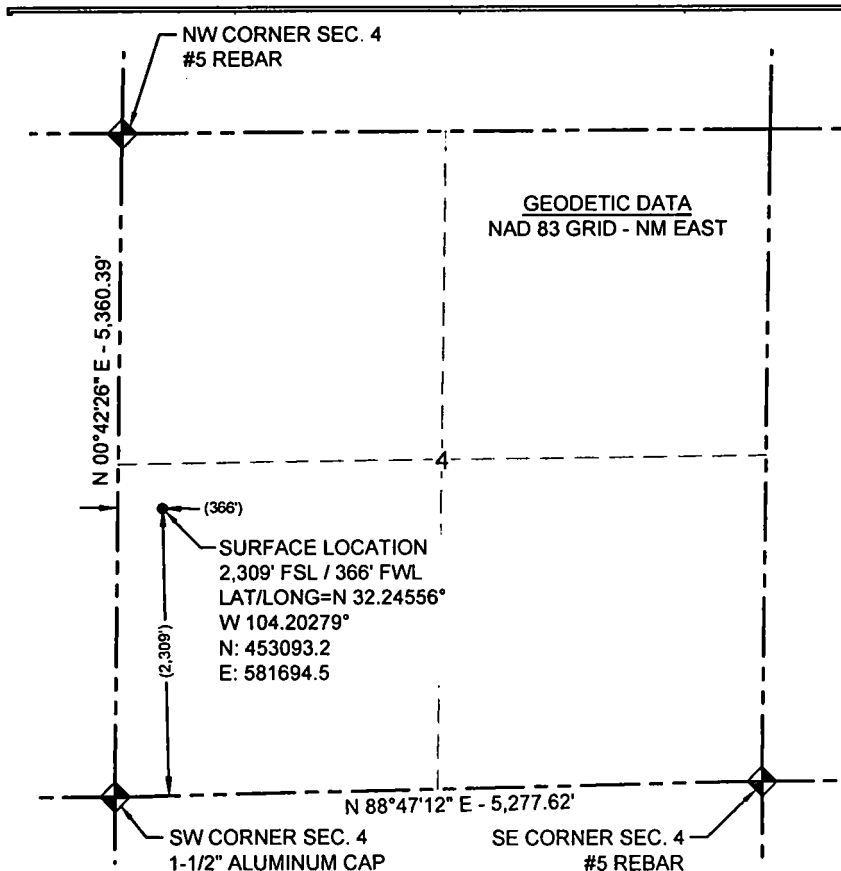
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
SW 1/4	4	24S	27E		2,309	SOUTH	366	WEST	EDDY

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>17</sup> OPERATOR CERTIFICATION

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 in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Tyler Moehlman* Date: 11/1/18

Printed Name: Tyler Moehlman

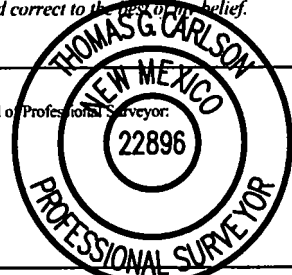
E-mail Address: tyler.moehlman@longquist.com

<sup>18</sup> SURVEYOR CERTIFICATION

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.

Date of Survey: 5/12/18

Signature and Seal of Professional Surveyor:



Certificate Number: 22896