

**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**  
**OCT 31 2018**  
**RECEIVED**

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

<sup>1</sup> Operator Name and Address 3BEAR FIELD SERVICES, LLC 415 W. WALL ST., STE 1212 MIDLAND, TEXAS 79701		<sup>2</sup> OGRID Number 372603
<sup>4</sup> Property Code <b>320495</b>		<sup>3</sup> API Number 30-025-TBD <b>45345</b>
<sup>5</sup> Property Name LIBBY BERRY SWD		<sup>6</sup> Well No. 3

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	18	21S	33E		828	N	961	E	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 - <b>SILURIAN</b>	Pool Code <b>97869 96104</b>
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**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 <b>SUREP</b>	<sup>15</sup> Ground Level Elevation <b>3824</b>
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 17,055'	<sup>18</sup> Formation Siluro-Devonian	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date ASAP
Depth to Ground water 160'	Distance from nearest fresh water well 3,210'	Distance to nearest surface water > 1 mile		

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
Conductor	26"	20"	94 lb/ft	120'	328	Surface
<b>SUREP</b> Intermediate-1	17-1/2"	13-3/8"	54.5 lb/ft	2,140' <b>1650</b>	1,855	Surface
<b>PROD</b> Intermediate-2	12-1/4"	9-5/8"	40 lb/ft	8,920'	2,365	Surface
Production Liner	8-1/2"	7-5/8"	39 lb/ft	8,600'-15,736'	625	8,600'
Tubing	6-1/2"	5-1/2"	17 lb/ft	15,636'		

**Casing/Cement Program: Additional Comments**

See attached schematic.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/Blinds, Pipe	8,000 psi	10,000 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: Chris Weyand

Title: Consulting Engineer

E-mail Address: chris@lonquist.com

Date: October 29, 2018

Phone: 512-600-1764

**OIL CONSERVATION DIVISION**

Approved By:

Title:

Approved Date:

Conditions of Approval Attached

**Petroleum Engineer**

Expiration Date:

**See Attached**

**Conditions of Approval**

**1650**

**CONDITIONS OF APPROVAL**

<b>API #</b>	<b>Operator</b>	<b>Well name &amp; Number</b>
30-025-45345	3BEAR FIELD SERVICES LLC	LIBBY BERRY FEE SWD # 003

Applicable conditions of approval marked with XXXXXX

**Administrative Orders Required**

XXXXXXX	Reveiw administrative order when approved for additional conditions of approval

**Other wells**

**Casing**

XXXXXXX	SURFACE, PRODUCTION CASING –Cement must circulate to surface -- Liner(1) Cement come to top of liner
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

**Lost Circulation**

XXXXXXX	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186

**Water flows**

XXXXXXX	Must notify OCD Hobbs Office of any water flow in the Salado formation at 575-370-3186. Report depth and flow rate.

**Stage Tool**

XXXXXXX	Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186
XXXXXXX	If using Stage Tool on Surface casing, Stage Tool must be greater than 350' and a minimum 200 feet above surface shoe.
XXXXXXX	When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.

**Completion & Production**

XXXXXXX	Will require a deviational survey with the C-105
XXXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 114
XXXXXXX	May not inject prior to SWD order approval
XXXXXXX	Must conduct & pass MIT prior to any injection