

**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**

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

**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 - SILURIAN	Pool Code 97869 96104
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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 3824
16. Multiple N	17. Proposed Depth 17,055'	18. Formation Siluro-Devonian	19. Contractor TBD	20. 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
Intermediate-1	17-1/2"	13-3/8"	54.5 lb/ft	2,140' 1650	1,855	Surface
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

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: 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:

Petroleum Engineer

Approved Date: 11/08/18

Expiration Date: 11/08/20

Conditions of Approval Attached

**See Attached**  
**Conditions of Approval**

1650

## CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
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