

District I
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District II
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 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

Form C-101
 Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

AMENDED REPORT

RECEIVED
 MAR 20 2018
 HOBBS OGD

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

¹ Operator Name and Address 3Bear Field Services, LLC		⁴ OGRID Number 372603
		⁵ API Number 30-025-44288
⁴ Property Code 320495	³ Property Name Libby Berry Fee SWD	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
H	26	20S	34E		2510	N	710	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
H	26	20S	34E		2510	N	710	E	Lea

⁹ Pool Information

SWD; Miss-Devonian	Pool Name	Pool Code
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Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type Fee	¹⁵ Ground Level Elevation 3620
¹⁶ Multiple	¹⁷ Proposed Depth 16000	¹⁸ Formation Devonian	¹⁹ Contractor Silver Oak	²⁰ Spud Date 3/22/18
Depth to Ground water 100 - 1200		Distance from nearest fresh water well 3/4 mile		Distance to nearest surface water 10 miles

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
Surface	17.5"	13 3/8	54.5	1650	1250	Surface
Intermediate	12.25	9 5/8	43.5	5700	700	Surface
Production	8.75	7	29	14,450	2650	Surface

Casing/Cement Program: Additional Comments

A 6 1/8" hole will be drilled from 14,450' to 16,000' and the well will be completed as an SWD in the open Devonian

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annulare and Ram	5000 psi	250/3000	Shaffer

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 type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature:  Printed name: Phelps White Title: Consultant E-mail Address: pwiv@zianet.com Date: 3/17/18 Phone: 575 626 7660	OIL CONSERVATION DIVISION	
	Approved By: 	
	Title: 	Petroleum Engineer
	Approved Date: 03/19/18	Expiration Date: 12/15/19
	Conditions of Approval Attached	

Note: This Ammendment is due to reievw of the original C101 approved 12/15/17 which found erroneous geologic tops. This ammended plan mirrors the successfull design used by Fasken Oil and Ranch, Ltd on thier Quail 16 St SWD located