

**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

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

<sup>1</sup> Operator Name and Address Cobalt Operating, L.L.C PO Box 51468 Midland, TX 79710		<sup>2</sup> OGRID Number 286255
		<sup>3</sup> API Number 30-025-26773
<sup>4</sup> Property Code 309595	<sup>5</sup> Property Name HALE STATE	<sup>6</sup> Well No. 1Y

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
J	8	17S	37E		2260	SOUTH	1650	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
J	8	17S	37E		1544	SOUTH	2310	East	Lea

**9. Pool Information**

Pool Name Midway:Devonian	Pool Code 46320
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**Additional Well Information**

<sup>11</sup> Work Type P	<sup>12</sup> Well Type O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3781
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 14,000' MD, 11,900' TVD	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date 5/1/2019
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

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
Surf	17-1/2	13-3/8	48#	403	350	Surf
Interm	12-1/4	8-5/8	24# & 32#	4450	1700	Surf
Long	7-7/8	5-1/2	17# & 20#	11875	1535	9088

**Casing/Cement Program: Additional Comments**

Run 2-7/8" liner from TD to vertical casing, tie back with cement, perforate liner 32 holes and acidize with 4000 gallons of 28% HCL

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	5000	Hydriil

<p><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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: <i>Mark Burkett</i></p> <p>Printed name: Mark Burkett Title: Engineer E-mail Address: mark@cobaltoperating.com Date: 4/15/2019</p>	<p><b>OIL CONSERVATION DIVISION</b></p> <p>Approved By: <i>[Signature]</i></p> <p>Title:</p> <p>Approved Date: <i>04/20/19</i> Expiration Date: <i>04/20/19</i></p> <p>Conditions of Approval Attached <i>*REQUIRES NSL</i> <i>*REQUIRES DD survey with completion</i></p>
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