

**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**1090 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  Armstrong Energy Corporation P.O. Box 1973, Roswell, NM 88202		<sup>2</sup> OGRID Number  1092
		<sup>3</sup> API Number  3002544295
<sup>4</sup> Property Code  320513	<sup>5</sup> Property Name  Sledgehammer State	<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
J	23	18S	35E		2310	S	2310	E	Lea

**\* Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
J	23	18S	35E		2310	S	2310	E	Lea

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

<sup>9</sup> Pool Name <i>REEVES, DAUOMAN</i>	<sup>10</sup> Pool Code <i>51940</i>
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**Additional Well Information**

<sup>11</sup> Work Type D	<sup>12</sup> Well Type O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3876
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12,500	<sup>18</sup> Formation Devonian	<sup>19</sup> Contractor UDI	<sup>20</sup> Spud Date 1/29/18
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**<sup>21</sup> Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1938	1645	Surf
Int	12.25	9.625	40	4636	1280	Surf
Prod	7.875	5.5	17/20	11,381	1220	4416

**Casing/Cement Program: Additional Comments**

Liner	4.5" hole	4" csg size	9.5 casing weight/ft.	12,500 Setting Depth
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**<sup>22</sup> Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	3750	Shaffer

**<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: *Kyle Alpers*

Printed name: Kyle Alpers

Title: VP- Operations

E-mail Address: kalpers@acenm.com

Date: 07/31/2018

Phone: 575-625-2222

**OIL CONSERVATION DIVISION**Approved By: *[Signature]*

Title:

Approved Date: *08/28/18*Expiration Date: *08/28/20*

Conditions of Approval Attached