

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

¹ Operator Name and Address Armstrong Energy Corporation P.O. Box 1973, Roswell, NM 88202		² OGRID Number 1092
		³ API Number 30-005-27939
⁴ Property Code 34734	⁵ Property Name Bonafide "15"	⁶ Well No. 1

⁷ Surface Location

UL - Lot M	Section 15	Township 11S	Range 31E	Lot Idn	Feet from 1100	N/S Line South	Feet From 660	E/W Line West	County Chaves
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⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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⁹ Pool Information

¹⁰ Pool Name Apache Springs; Wolfcamp	¹¹ Pool Code 2280
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Additional Well Information

¹² Work Type E	¹³ Well Type O	¹⁴ Cable/Rotary R	¹⁵ Lease Type P	¹⁶ Ground Level Elevation
¹⁷ Multiple N	¹⁸ Proposed Depth 9200'	¹⁹ Formation Wolfcamp	²⁰ Contractor United Drilling	²¹ Spud Date 4/28/07
Depth to Ground water 112'		Distance from nearest fresh water well 0.35 miles		Distance to nearest surface water 1.5 miles

☒ We will be using a closed-loop system in lieu of lined pits

²² Proposed Casing and Cement Program

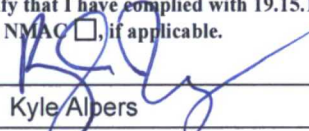

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5"	13.375"	48	375'	350	0
Int	12.25"	8.625"	32	3704'	1250	0
Prod	7.875"	5.5"	17	9200'	450	6000'

Casing/Cement Program: Additional Comments

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²³ Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

²⁴ 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: 		OIL CONSERVATION DIVISION	
Printed name: Kyle Alpers		Approved By: 	
Title: Operations Manager		Title: Petroleum Engineer	
E-mail Address: kalpers@aecn.com		Approved Date: 03/31/17 Expiration Date: 03/31/19	
Date: 3/24/2017	Phone: 575-625-2222	Conditions of Approval Attached	

*NSL-7395 NSL NEEDS TO BE AMENDED
FOR POOL WC-005 G-06 S113115M;
WOLF CAMP*