

District I1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720District II811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720District III1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170District IV1220 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

OCD - HOBBS
09/24/2020
RECEIVED☐ AMENDED REPORT

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

¹ Operator Name and Address Armstrong Energy Corporation		² OGRID Number 1092
		³ API Number 30-041-20948
⁴ Property Code 39006	⁵ Property Name Maggie May	⁶ Well No. 001

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
L	30	5S	34E	3	1650	S	415	W	Roosevelt

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

¹⁰ Pool Name WC-041 G-04 S053336M;WOLFCAMP	¹¹ Pool Code 98134
--	----------------------------------

Additional Well Information

¹² Work Type P	¹³ Well Type O	¹⁴ Cable/Rotary	¹⁵ Lease Type P	¹⁶ Ground Level Elevation 4330' GR
¹⁷ Multiple N	¹⁸ Proposed Depth 7498'	¹⁹ Formation Wolfcamp	²⁰ Contractor	²¹ Spud Date 6/13/12
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 pits²² Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
S	17.5"	13.375"	48	40'	25	0%
I	12.25"	8.625"	24/32	2448'	1025	0%
P	7.875"	5.5"	15.5/17	7237'	400	0%

Casing/Cement Program: Additional Comments

4" 10.46#/ft liner from 6926' to 8303', cemented in full
--

²³ Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular/double ram	5000	5000	

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 ☐ and/or 19.15.14.9 (B) NMAC ☐ if applicable.

Signature:

Printed name: Kyle Alpers

Title: VP Engineering

E-mail Address: kalpers@aecnm.com

Date: 9/24/20

Phone: 575-625-2222

OIL CONSERVATION DIVISION

Approved By:



Title:

Approved Date: 10/29/2020

Expiration Date: 10/29/2022

Conditions of Approval Attached



Maggie May #1
API 30-041-20948
Section 30 T5S R34E
1650' FSL & 415' FWL
Roosevelt County, NM

Anticipated Plugback, Completion and Stimulation Procedure, with planned start date of 10/15/20

1. RU PU, ND WH, install BOP, and POH w/2 7/8" tubing, standing back.
2. RU WL, RIH w/4" BP and set @ 7950' inside liner. POOH w/WL & RD.
3. TIH w/tbg open ended and tag plug, circulate hole clean.
4. TOH standing back until EOT is at 7498', spot 200 gallons 15% NEFE acid, TOO H w/tubing.
5. RU WL and TIH, tie in and perforate 7,494'-7,498', 2spf inside 4" liner.
6. POOH with guns and RD WL, TIH w/tubing and 5.5" packer.
7. NDBOP, NU hanger flange and set packer above liner top @ 6,926'. Flange up and pressure up BS, pump down tubing to put away shot acid. Note any breaks.
8. Rig up swab.
9. Swab test new interval and evaluate for further stimulation or installation of artificial lift equipment.

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

OCD - HOBBS
09/24/2020
RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-041-20948	² Pool Code 98134	³ Pool Name WC-041 G-04 S053336M;WOLFCAMP
⁴ Property Code 39006	⁵ Property Name Maggie May	⁶ Well Number 001
⁷ OGRID No. 1092	⁸ Operator Name Armstrong Energy Corporation	⁹ Elevation 4330'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	30	SS	34E	3	1650'	S	415'	W	Roosevelt

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature Date 9/23/20
				Kyle Alpers Printed Name kalpers@aecnm.com E-mail Address
¹⁸ 				¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> 10/25/2011 by Gary Eidson Date of Survey Signature and Seal of Professional Surveyor:
				Certificate Number