

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

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 PO Box 1973, Roswell NM 88202		² OGRID Number 1092
		³ API Number 30-025-33894
⁴ Property Code 320126	⁵ Property Name SV Kim Harris	⁶ Well No. 003

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	12	16S	36E		600	North	1843	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

⁹ Pool Information

¹⁰ Pool Name LOVINGTON;WOLFCAMP, NORTHEAST	¹¹ Pool Code 41060
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Additional Well Information

¹² Work Type P	¹³ Well Type O	¹⁴ Cable/Rotary	¹⁵ Lease Type Fee	¹⁶ Ground Level Elevation 3872' GR
¹⁷ Multiple N	¹⁸ Proposed Depth 10,558'	¹⁹ Formation Wolfcamp	²⁰ Contractor	²¹ Spud Date 4/6/97
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
Surface	17.5"	13.375"	72#	414'	350sx	0'
Int	11"	8.625"	32#	4,398'	1000sx	0'
Production	7.875"	5.5"	17#&20#	11,804'	825sx	8670'/4820' (DV)

Casing/Cement Program: Additional Comments

Existing casing. DV tool @ 7040'

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@aecn.com

Date: 10/5/20

Phone: 575-625-2222

OIL CONSERVATION DIVISION

Approved By:



Title:

Approved Date: 10/29/2020

Expiration Date: 10/29/2022

Conditions of Approval Attached

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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-33894	² Pool Code 41060	³ Pool Name LOVINGTON;WOLFCAMP, NORTHEAST
⁴ Property Code 20350	⁵ Property Name SV Kim Harris	⁶ Well Number 003
⁷ OGRID No. 1092	⁸ Operator Name Armstrong Energy Corporation	⁹ Elevation 3872' GL

¹⁰ Surface Location

UL or lot no. B	Section 12	Township 16S	Range 36E	Lot Idn	Feet from the 600'	North/South line N	Feet from the 1843'	East/West line E	County Lea
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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 40	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 Kyle Alpers Printed Name kalpers@aecnm.com E-mail Address	Date 9/23/20
	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>	
	03/25/1997 by D.R. Patton for Manzano, LLC Date of Survey Signature and Seal of Professional Surveyor: Certificate Number	



SV Kim Harris #3
API 30-025-33894
Section 12 T16S R36E
600' FNL & 1843' FEL
Lea County, NM

Anticipated Plugback, Completion and Stimulation Procedure, with planned start date of 10/19/20

1. RU PU, ND WH, install BOP, and POH w/2 7/8" tubing, standing back.
2. RU WL, RIH w/5.5" CIBP and set @ 11,425'. Bailer dump 20' cement onto CIBP. POOH w/WL & RD.
3. TIH w/tbg open ended and tag plug, circulate hole clean.
4. TOH standing back until EOT is at 10,558', spot 200 gallons 15% NEFE acid, TOOH w/tubing.
5. RU WL and TIH, tie in and perforate 10,543'-10,558', 2 spf.
6. POOH with guns and RD WL, TIH w/tubing and 5.5" packer.
7. NDBOP, NU hanger flange and set packer @ 10,458'. 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.

Current Wellbore Schematic

WELL (PN): KIM HARRIS 3(CVX) (890771)
 FIELD OFFICE: HOBBS
 FIELD: NE LOVINGTON PENN
 STATE / COUNTY: NEW MEXICO / LEA
 LOCATION: SEC 12-16S-36E, 600 FNL & 1843 FEL
 ROUTE: HOB-NM-ROUTE 05- BENNY CONNOLLY
 ELEVATION: GL: 3,872.0 KB: 3,887.0 KB Height: 15.0
 DEPTHS: TD: 11,970.0

API #: 3002533894
 Serial #:
 SPUD DATE: 4/7/1997
 RIG RELEASE: 4/7/1997
 1ST SALES GAS:
 1ST SALES OIL: 6/1/1997
 Current Status: PRODUCING



