

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

RECEIVED  
MAR 4 2019  
HOBBBS OCD

|   |
|---|
| WELL API NO.<br>30-025-33466  |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No.  |
| 7. Lease Name or Unit Agreement Name<br>SV Chipshot   |
| 8. Well Number 1  |
| 9. OGRID Number 1092  |
| 10. Pool name or Wildcat  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3886' GR                                      |

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
Armstrong Energy Corporation

3. Address of Operator  
PO Box 1973, Roswell, NM 88202

4. Well Location  
Unit Letter K : 2164 feet from the South line and 1362 feet from the West line  
Section 11 Township 16S Range 36E NMPM Lea County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

|  |  |  |  |
|--|--|--|--|
| <b>NOTICE OF INTENTION TO:</b>                 |  | <b>SUBSEQUENT REPORT OF:</b>                     |  |
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input checked="" type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>                | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPL <input type="checkbox"/>              | CASING/CEMENT JOB <input type="checkbox"/>       |  |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |  |  |  |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    |  |  |  |
| OTHER: <input type="checkbox"/>                |  | OTHER: <input type="checkbox"/>                  |  |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 1. Set CIBP @ 10,550' w/ <sup>25 5x</sup> 25' class H cement cap, tag
- 2. Spot 25sx Class H across DV tool from 7,001' - 7,101'
- 3. Perf & squeeze 50sx Class C 4400'-4300' across intermediate shoe P+S 50sx 3300 base of salt
- 4. Perf & squeeze 50sx Class C 2,000', top of salt
- 5. Perf & squeeze 50sx Class C 414' to surface across surface shoe
- 6. Cut off wellhead to verify cement to surface, install below ground marker.

**See Attached  
Conditions of Approval**

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE V.P. Engineering DATE 3/11/19

Type or print name Kyle Alpers E-mail address: kalpers@aecn.com PHONE: 575-625-2222

**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 3-15-19  
Conditions of Approval (if any):



LAST UPDATED  
3/11/2019

3,886' GR  
3,901' KB

Anhydrite - 2,063'

Yates - 3,206'  
7 Rivers - 3,450'

Queen - 4,060'

San Andres - 4,720'

Glorieta - 6,413'

Tubb - 7,610'

Abo - 8,443'

Wolfcamp - 9,660'

Cisco - 11,020'

Canyon - 11,067'

Strawn - 11,525'

Atoka - 11,670'

17 1/2" hole  
13 3/8" 48#/54.5#/61#ft @ 414', 350sx  
Cement circulated (per Chevron)

11" hole

8 5/8" 32#/ft HCK/K-55 @ 4,352'  
Cement Circulated ( per Chevron)

TOC @ ~4,720' (per Chevron)

7 7/8" hole

DV tool @ 7,051'

TOC @ ~9,430' (per Chevron)

Wolfcamp  
10,578'-10,590'

Junk Lok-Set Packer @ 11,428'

Strawn  
11,528'-11,544'

Cement retainer @ 11,565', sqz x/75sx  
Strawn  
11,572'

Junk cement retainer @ 11,873'  
5 1/2" 17#&20#/ft N-80 @ 11,954'  
TD 11,954, no cement below 11,815"

Armstrong Energy Corporation

**SV Chipshot #1**

2164' FSL & 1362' FWL  
Section 11, T16S, R36E  
Lea County, New Mexico

API Number 30-025-33466  
Spud Date: 6/9/1996

Downhole Equipment

Surface Equipment

N/A

Well is in center-pivot irrigated  
field with remote tank battery

Notes

Acquired by AEC from Chevron  
12/2017  
Well head is approximately 20'  
below grade. Originally a 640  
pumping unit was set in-ground

**STIMULATION**

No stim

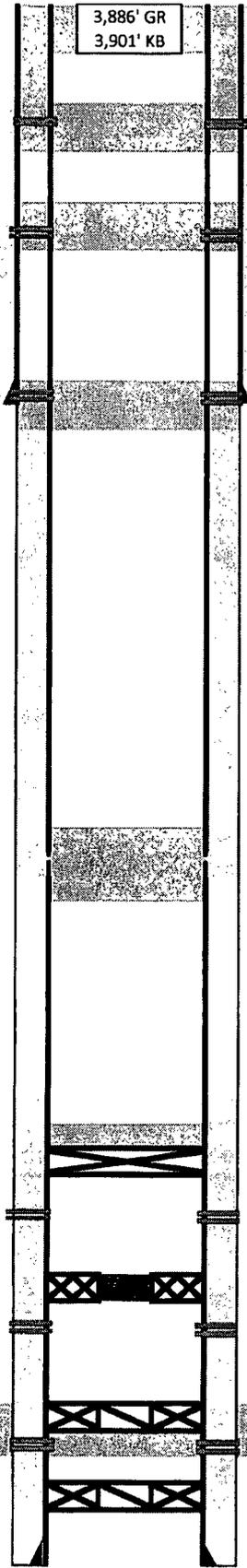
**STIMULATION**

2250gal 15%

**STIMULATION**



LAST UPDATED  
3/11/2019



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7 Rivers - 3,450'

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Canyon - 11,067'

Strawn - 11,525'

Atoka - 11,670'

**Proposed Plugging Procedure**

Surface Plug

17 1/2" hole

13 3/8" 48H/54.5H/61Hft @ 414', 350sx

Cement circulated (per Chevron)

Perf & sqz 50sx "C" across surface shoe to surface

Perf & sqz 50 sx "C" across top of salt, 2,000'

11" hole

8 5/8" 32H/ft HCK/K-55 @ 4,352'

Cement Circulated ( per Chevron)

Perf & sqz 50sx "C" across intermediate shoe

TOC @ ~4,720' (per Chevron)

7 7/8" hole

25sx "H" cement plug across DV tool 7,001'-7,101'

DV tool @ 7,051'

TOC @ ~9,430' (per Chevron)

CIBP @ 10,550' W/35' "H" cement cap

Wolfcamp

10,578'-10,590'

Junk Lok-Set Packer @ 11,428' w/10k# 1.81" SL blanking plug

Strawn

11,528'-11,544'

Cement retainer @ 11,565', sqz x/75sx

Strawn

11,572'

Junk cement retainer @ 11,873'

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**Notes**

Acquired by AEC from Chevron 12/2017  
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**STIMULATION**

No stim

**STIMULATION**

2250gal 15%

**STIMULATION**

## GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.