

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

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

Form C-103
Revised July 18, 2013

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Armstrong Energy Corporation	6. State Oil & Gas Lease No.
3. Address of Operator PO Box 1973, Roswell, NM 88202	7. Lease Name or Unit Agreement Name SV Chipshot
4. Well Location Unit Letter <u>K</u> : <u>2164</u> feet from the <u>South</u> line and <u>1362</u> feet from the <u>West</u> line Section <u>11</u> Township <u>16S</u> Range <u>36E</u> NMPM Lea County	8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3886' GR	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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.

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

P+S 50 5x 3300 base of salt

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 Kyle Alpers TITLE V.P. Engineering DATE 3/11/19

Type or print name Kyle Alpers E-mail address: kalpers@aecnrm.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

Anhydrite - 2,063'

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7 Rivers - 3,450'

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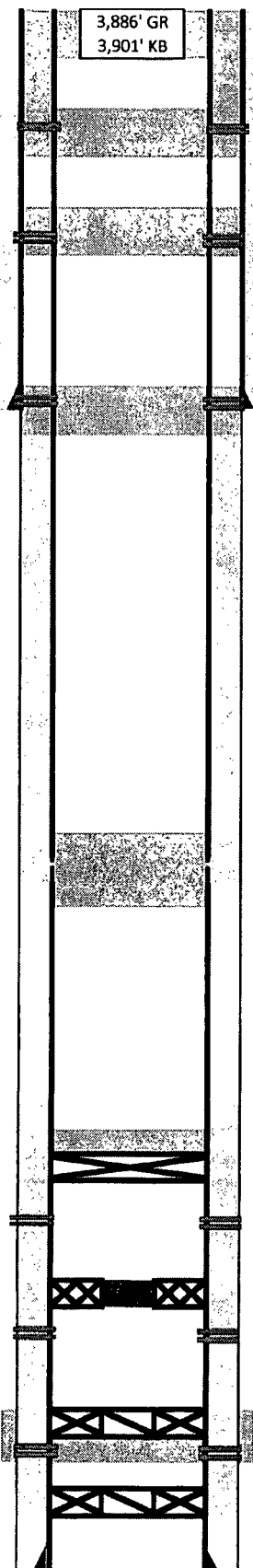
Wolfcamp - 9,660'

Cisco - 11,020'

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'

STIMULATION

No stim

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

Strawn

11,528'-11,544'

STIMULATION

2250gal 15%

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

Strawn

11,572'

STIMULATION

Junk cement retainer @ 11,873'

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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.