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 Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO.
30-041-20627

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
Cady

1. Type of Well: Oil Well ☐ Gas Well ☐ Other

8. Well Number 1

HOBBS OCD
MAR 14 2019
RECEIVED

2. Name of Operator
Armstrong Energy Corporation

9. OGRID Number 1092

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

10. Pool name or Wildcat
Milnesand Penn, West

4. Well Location
Unit Letter F : 1980 feet from the North line and 660 feet from the West line
Section 19 Township 8S Range 34E NMPM Roosevelt County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
4319' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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.

1. Set CIBP @ 9142' and cap with ~~35'~~ 25 sx cement, WOC & ~~plug~~ tag — Pds 40 sx 6600 WOC & tag
2. Set ~~25~~ 40 sx plug through perforations @ 3953' across 8 5/8" casing shoe
3. ~~Set 25sx~~ plug @ 1838', 50' above top of salt 40 — Pds 40 sx 2500 WOC & tag
4. ~~Set 100'~~ plug through perforations @ 422' across 13 3/8" casing shoe Circ to surf
5. Set surface plug
6. Install dry hole marker
   4"dia 4' Tall above ground

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@aecnm.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):

API #	30-041-20627
Operator	Percussion Petroleum
Field	Milnesand Penn, West
Spud Date	2/6/1981

Cady #1

County, ST	Roosevelt, NM
Sec-Twn-Rng	19-8S-34E
Footage	1980' FNL and 660' FWL
Survey	

Formation (MD)	
San Andres	3764'
Glorieta	5170'
Yeso	
Bone Spring	
Wolfcamp	8518'
Cisco (Bough C)	9222'
Canyon	
Strawn	
Atoka	
Morrow	

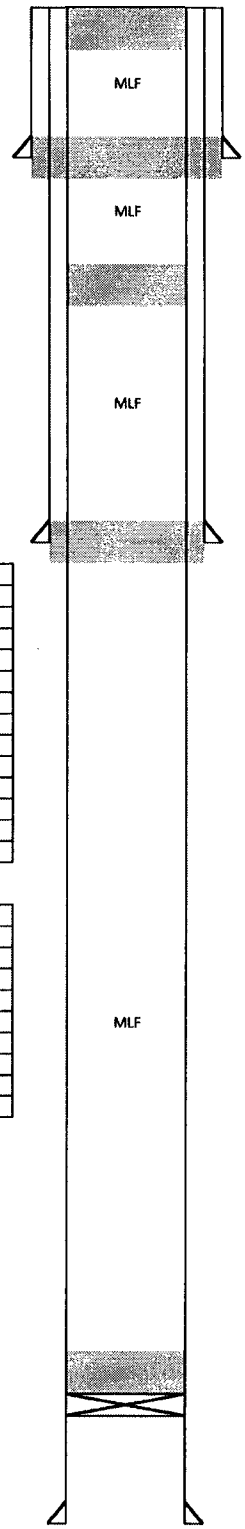
RKB	4341'
GL	4319'

Hole Size	17-1/2"
TOC	
Method	

Csg Depth	372'
Size	13-3/8"
Weight	68ppf
Grade	K55
Connections	
Cement	475sx

Hole Size	12-1/4"
TOC	
Method	

Csg Depth	3903'
Size	8-5/8"
Weight	32ppf
Grade	K55
Connections	
Cement	1660sx



Surface Plug

Well History

2/11/1982 Perf Bough "B" from 9200'-9208'.
2/12/1982 Acidize perfs w/ 48bbl 20% NE acid.
2/20/1982 Perf Bough "B" from 9192'-9194'.
2/24/1982 Set pumping unit.

100' cement plug from 322'-422', thru perfs @ 422'

6/9/1992 Acidize Bough "B" perfs 9192'-9208' w/ 35.7bbl 15% NEFE. ATP: 1300#, ATR: 3bpm. ISIP: 1000#
3/21/1995 Acidize Bough "B" perfs 9192'-9208' w/ 12bbl 15% NEFE. ATR: 3.5bpm.
11/12/1999 Set Lufkin 640 pumping unit.

25sx plug @ 1838', 50' above top of salt

4/29/2002 Tight spots in casing at 6790', 6805', 6810', 6930' and 7050'.
6/8/2016 Final report.
3/11/2019 PROPOSED P&A PROGRAM

100' cement plug from 3853' - 3953', thru perfs @ 3953'

Tubing Detail				
Jts	Size	Depth	Length	Detail

Rod Detail					
Rods	Size	Depth	Length	Guides	Detail

Perforations

Hole Size	7-7/8"
TOC	228
Method	CBL

Csg Depth	9446'
Size	5-1/2"
Weight	15.5/17ppf
Grade	K55
TOC	
Cement	1300sx

(900sx, 400sx)

CIBP @ 9142' w/35' cement cap

9192'-9194' (Bough "B"): 2/2/1982 2jspf (6 holes)
9200'-9208' (Bough "B"): 2/11/1982 2jspf (17 holes)

PBTD	9392'
TD MD	9446'
TD TVD	9446'

Last Update	4/13/2017
By	MM

Cady #1

API #	30-041-20627
Operator	Percussion Petroleum
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RKB	4341'
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Hole Size	17-1/2"
TOC	
Method	

Csg Depth	372'
Size	13-3/8"
Weight	68ppf
Grade	K55
Connections	
Cement	475sx

Hole Size	12-1/4"
TOC	
Method	

Csg Depth	3903'
Size	8-5/8"
Weight	32ppf
Grade	K55
Connections	
Cement	1660sx

Tubing Detail				
Jts	Size	Depth	Length	Detail

Rod Detail					
Rods	Size	Depth	Length	Guides	Detail

Hole Size	7-7/8"
TOC	228
Method	CBL

Csg Depth	9446'
Size	5-1/2"
Weight	15.5/17ppf
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Perforations

9192'-9194' (Bough "B"): 2/2/1982 2jspf (6 holes)
9200'-9208' (Bough "B"): 2/11/1982 2jspf (17 holes)

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.