Submit   Copy To Appropriate District	State of New Me	exico		Form C-103	
Office <u>District I</u> – (575) 393-6161	Energy, Minerals and Natural Resources			Revised July 18, 2013	<u></u>
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.		
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION		30-041-20627	CI	4
District III - (505) 334-6178	1220 South St. Francis Dr.		5. Indicate Type		
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87		STATE  6. State Oil & Ga	FEE 🔀	-
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM			o. State Off & Ga	is Lease IVO.	
87505	IODO AND DEBODING ON WITH LO			***	4
	ICES AND REPORTS ON WELLS ISALS TO DRILL OR TO DEEPEN OR PL		7. Lease Name o	r Unit Agreement Name	
			Cady		
PROPOSALS.)	Car Walt 🖂 Oder	as OCh	8. Well Number	1	1
Type of Well: Oil Well     Name of Operator	Gas Well Other	BS OCD	9. OGRID Numb	per 1092	$\dashv$ $ u$
Armstrong Energy Corporation	Me	1 2019	, OOKID Nume	1092	
3. Address of Operator	410	RIT	10. Pool name or	Wildcat	
PO Box 1973, Roswell, NM 882	02	-MED	Milnesand Penn,	West	
4. Well Location	02 NP 1980 feet from the North Township 8S	ECEIB	<del></del>		7
Unit Letter F:	1980 feet from the North	line and	660 feet fro	m the West line	
Section 19	Township 8S	Range 34E	NMPM	Roosevelt County	
	11. Elevation (Show whether DR)	, RKB, RT, GR, etc.	)		
Harman Commencer	4319' GR				
			£		
12. Check A	Appropriate Box to Indicate N	lature of Notice,	Report or Other	Data	
NOTICE OF IN	TENTION TO	) 			
NOTICE OF IN			SEQUENT RE		
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WOR		ALTERING CASING	
TEMPORARILY ABANDON DULL OR ALTER CASING	CHANGE PLANS  MULTIPLE COMPL	COMMENCE DR		P AND A	
DOWNHOLE COMMINGLE	MOLTIPLE COMPL	CASING/CEIVIEN	1308		
CLOSED-LOOP SYSTEM					
OTHER:		OTHER:			
13. Describe proposed or comp	oleted operations. (Clearly state all				ie
	ork). SEE RULE 19.15.7.14 NMAC	C. For Multiple Co	mpletions: Attach v	vellbore diagram of	
proposed completion or rec	ompletion.				
	25 5× 700		_		
1. Set CIBP @ 9142' and cap	with 35, cement, WOC & plug	ρ	45 40 5× 61	600 wac & rag	<i>)</i>
2. Set 25% plug through perfe	orations @ 3953' across 8 5/8" casii			2500 WOC +	
3. <b>46</b> Set <del>25s</del> x plug @ 1838', 50	above top of salt		• •	7300 0000	,
4. Set 1001 plug through perfe	orations @ 422' across 13 3/8" casir	ng shoe Circ To	surf		
5. Set surface plug					
6. Install dry hole marker			r		
4"dia 4' Tall	above ground		See	Attached	
			Canditi-	viractied	-
			Ongitio	ns of Approval	
				i b. ovul	
Smud Date:	Dia Dalama D				
Spud Date:	Rig Release Da	ate:			
•				<del></del>	
I hander partification to the information	share is two and against to the b		o and haliaf		
I hereby certify that the information	above is true and complete to the bo	est of my knowledg	ge and belier.		
SIGNATURE	TITLE V.	P. Engineering	DATE	3/11/19	
1/>/	`			MO SAMPANA AND AND AND AND AND AND AND AND AND	
Type or print nameKyle Alpeks	E-mail address:	_kalpers@aecnm.co	omPHC	ONE: _575-625-2222	
For State Use Only		<del></del>			
	1.+	٥. ٩٧	<b>Λ</b> · Λ	3-15-1G	
APPROVED BY: Kerry	Forther TITLE Com	phance Uf	free It DA	TE > 1) - 17	
Conditions of Approval (if any):	•	,	V		

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

## Cady #1

MLF

MLF

MLF

MLF

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	Ī		
Bone Spring			
Wolfcamp	8518'		
Cisco (Bough C)	9222'		
Canyon			
Strawn			
Atoka			
Morrow			

·····	
RKB	4341'
GL	4319'

17-1/2"

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

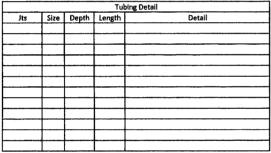
4/29/2002 Tight spots in casing at 6790', 6805', 6810', 6930' and 7050'.

6/8/2016 Final report.

3/11/2019 PROPOSED P&A PROGRAM



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



	Rod Detail				
Rods	Size	Depth	Length	Guides	Detail
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Hole Size	7-7/8"	
TOC	228	
Method	CBI	

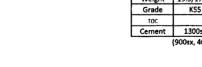
	T
Csg Depth	9446'
Size	5-1/2"
Weight	15.5/17ppf
Grade	K55
TOC	
Cement	1300sx
	1000 100

PBTD	9392'
TD MD	9446'
TD TVD	9446'

**Perforations** 

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)



4/13/2017

Last Update

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	19-85-34E
	Footage	1980' FNL and 660' FWL
	Survey	

Formation (MD)			
San Andres	3764'		
Glorieta	5170'		
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Cisco (Bough C)	9222'		
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Strawn			
Atoka			
Morrow			

RKB	4341'
GL	4319'

Hole Size	17-1/2"
тос	
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'
Slze	8-5/8"
Weight	32ppf
Grade	K55
Connections	
Cement	1660sx

Well History 2/11/1982 Perf Bough "6" from 9200'-9208'.

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2/20/1982 Pert Bough "8" from 9192'-9194'.

2/24/1982 Set pumping unit.

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ATP: 1300#, ATR: 3bpm. ISIP: 1000#

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6/8/2016 Final report.

	Tubing Detail			
Jts	Size	Depth	Length	Detail
	<u> </u>			
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Rod Detail					
Rods	Size	Depth	Length	Guldes	Detail
	<del> </del>			╁	
	ļ			$\vdash$	
	<del> </del>				
	<b>†</b>				

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

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

(900sx, 400sx)

Į	Last Update	4/13/2017
	Ву	MM

PBTD	9392'
TD MD	9446'
TD TVD	9446'

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.