

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Armstrong Energy Corporation PO Box 1973 Roswell, NM 88202-1973		² OGRID Number 1092
		³ Reason for Filing Code/ Effective Date
⁴ API Number 30 - 0 25-35789	⁵ Pool Name Austin, Upper Penn, Southwest	⁶ Pool Code 97319
⁷ Property Code 320100	⁸ Property Name Chocolate Foam Wing	⁹ Well Number 001

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	34	14S	35E		1800	SOUTH	760	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
035246	Shell Trading (US) Company P.O. Box 4604, Houston, TX 77210-4604	O
024650	Versado Gas Processors, LLC 1000 Louisiana Street, Suite 4300, Houston, TX 77002	G

IV. Well Completion Data 6-20-19

²¹ Spud Date 6/25/02	²² Ready Date 9/17/02	²³ TD 14,095	²⁴ PBDT 13,940	²⁵ Perforations 13,628-13,652	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	533'	550		
12-1/2	9-5/8	4,596	1650		
8-3/4	5-1/2	14,095	2460		
	2-7/8 tbg	13,352			

V. Well Test Data

³¹ Date New Oil 6/3/2019	³² Gas Delivery Date 6/10/2019	³³ Test Date 6/20/2019	³⁴ Test Length 4 hours	³⁵ Tbg. Pressure 40	³⁶ Csg. Pressure 0
³⁷ Choke Size 32/64"	³⁸ Oil 128.5 bbls	³⁹ Water 0 bbls	⁴⁰ Gas 104 mcf	⁴¹ Test Method F	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *[Handwritten Signature]*

Printed name: Kyle Kalpers

Title: VP Engineering

E-mail Address: kalpers@accnm.com

Date: 6/19/19

Phone: 575-625-2222

OIL CONSERVATION DIVISION

Approved by: *[Handwritten Signature]*

Title: *[Handwritten Title]*

Approval Date: 7-3-19

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 Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-35789
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Chocolate Foam Wing
8. Well Number #1
9. OGRID Number 1092
10. Pool name or Wildcat Wildcat; Mississippian
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 L : 760 feet from the West line and 1800 feet from the South line
 Section 34 Township 14S Range 35E NMPM Lea County

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" 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.

Due to original equipment being stuck in the hole at 13,285', we called Kerry Fortner at OCD to request permission to cut off and abandon @ 13,250'. Original perforations are 13,628'-13,652. Per Mr. Fortner, we will pump 25sx cement through stuck tubing into original perforations, displace full tubing volume, and cut off @ 13,250'. We will then place a CIBP above the stub and cap with cement.

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 VP Engineering DATE 5/23/19

Type or print name Kyle Alpers E-mail address: kalpers@aecnm.com PHONE: 575-625-2222
For State Use Only

APPROVED BY: **Accepted for Record Only** TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
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Form C-103
 Revised July 18, 2013

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

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 type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		WELL API NO. 30-025-35789
2. Name of Operator Armstrong Energy Corporation		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator P.O. Box 1973, Roswell, NM 88202-1973		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>L</u> : <u>1800</u> feet from the <u>SOUTH</u> line and <u>760</u> feet from the <u>WEST</u> line Section <u>34</u> Township <u>14S</u> Range <u>35E</u> NMPM Lea County		7. Lease Name or Unit Agreement Name Chocolate Foam Wing
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 4005		8. Well Number <u>001</u> 9. OGRID Number <u>1092</u>
10. Pool name or Wildcat Wildcat, Mississippian		

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

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

5/20/19 RUPU. Blow down tubing and casing, caught plunger. ND wellhead, donut and wrap. NU BOP. Work tubing from 0 to 130,000lbs pull. Pull stretch, stuck @ 10,900'. RU swivel, work tubing w/torque applied. Dump 60bbl FW down BS. Work tubing 50k to 130k w/torque applied. SD

5/21/19 Work tubing w/torque applied. RU rotary wireline. TIH and run free point, 100% free @ 13,260'. Shows anchor @ 13,480' to 13,484'. Stuck @ 13,265'-20%, 13,285'-100%. RD rotary. RU pump truck, pump 130bbl water down tubing and into zone, no pressure, on vacuum. RD pump truck. SD. Notified office. Office called OCD, requested permission to cut tubing and abandon lower. OCD (Kerry Fortner) approved us to pump 25sx cement into existing perforations and then cut off tubing and abandon @ 13,250' with CIBP & cement cap.

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  TITLE VP Engineering DATE 6/17/19

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

For State Use Only

Accepted for Record Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

- 5/22/19 RU cement pump truck, mix and pump 25 sx cement, displace w/79bbls to clear tubing. RD pump truck. RU Rotary WL, cut tubing @ 13,250'. RD Rotary. TOH w/tubing. SD.
- 5/28/19 Continue TOH w/bit. RU. TIH w/ 4.3" gauge ring to 13,250', OK. TIH with CIBP, tie in and set @ 13,245'. Make 2-40' bailer runs of cement. Dump on CIBP. RD JSI Wireline. TIH with SN and tubing. SISD
- 5/29/19 Finish TIH w/tubing (424 joints, 13174.10'). RU Kill Truck. Circulate hole w/300 BBLs 2% KCL water. Test plug and casing to 600lbs. TOH. SISD
- 5/30/19 RU. TIH, tie in w/open hole gamma ray. Perf to 11,980' to 11,992', 2 shots per foot, 26 holes. Spot 500 gallons 15 % NEFE @ 11,987'. Pressure backside to 500psi. Pump down tubing, 4000lbs max @ 2.2 BBLs/minutes. Instant SI Pressure 3756, 5 minutes-900psi, 10 minutes-19psi, 15 minutes- ON VAC. SISD.
- 5/31/19 SI tubing pressure 380psi. Blow down, run swab, tag fluid 3900'. 20 % oil cut kicked off flowing. 1 hour-tubing pressure 20 psi, wide open. Resume swabbing. Swab and flow to frac tank.
- 6/03/19 SITP 300psi. SI and install choke. Open on 24/64" choke, 1st hour FTP 120psi, made 5 BBLs oil. Turn through separator. RU Pump Truck. Pump 60 BBLs 2% KCL water down tubing to kill well. ND BOP, NU Donut. Flange up tree. RD Kill Truck. RU to swab. SISD
- 6/04/19 SITP 510psi. Blow down. Run swab. Prep for artificial lift.



Armstrong Energy Corporation
PO Box 1973
Roswell, NM 88202
Phone: 575-625-2222
Fax: 575-622-2512

- 5/31/19 SI tubing pressure 380psi. Blow down, run swab, tag fluid 3900'. 20 % oil cut kicked off flowing. 1 hour-tubing pressure 20 psi, wide open, making heads of fluid and dying off. Recovered 28 BBLS, 80% oil cut at end of hour. Resume swabbing. Swab and flow to stock tank until 11:00 am. Set Frac Tank, made 48 BBLS oil and 32 BBLS water to stock tank. Swab and flow to frac tank until 5:00pm. Recover 95 BBLS (45 BBLS oil/50 BBLS water). Fluid level scattered to bottom. Pulled from 11,800' on last run.
- 6/03/19 SITP 300psi. Open wide open. Fluid to surface in 1 minute, 100% oil, 1st hour fluid tubing pressure 50psi, made 54 BBLS. 100% oil SI and install choke. Open on 24/64" choke, 1st hour FTP 120psi, made 5 BBLS oil. Open to 32/64" choke, 1st hour FTP 80psi, made 13 BBLS oil. 2nd hour made 19 BBLS oil w/FTP 50-80 psi. 3rd hour made 5 BBLS oil w/FTP 50-80 psi. 4th hour, made 9 ½ BBLS, 100% oil w/FTP 50-80 psi. Turn through separator @ 1:00pm. ½ hour, 8 BBLS, selling 75-450 mcf. RU Pump Truck. Pump 60 BBLS 2% KCL water down tubing to kill well. ND BOP, NU Donut. Flange up tree. RD Kill Truck. RU to swab, tag fluid at 3900', made 7 runs, recovered 55 BBLS mostly water, 40 % oil cut w/gas on last run. SISD
- 6/04/19 SITP 510psi. Blow down. Run swab, tag fluid @ 3500'. 2nd run, tag fluid @ 5100', pull from 9000', recovered 30 BBLS. 3rd run, tag fluid @5800', pull from 9900', recovered 20 BBLS. 4th run, tag fluid @ 5800', pull from 11,850', recovered 13 BBLS, water on bottom of run, 50%. Blow good w/runs and after runs. SI, RDPU. 63 BBLS fluid, mostly oil. 3-hour SITP-350 psi. Open to frac tank on 48/64" choke. Fluid to surface in 5 minutes. Flow to frac tank for 30 minutes, then turned to separator, well died. SI
- 6/10/19 Frac Tank 4' 4". SITP 550psi. Open at 48/64" choke. Blew down in 2 minutes, fluid to surface in 10 minutes. 1st hour-FTP-100, made 15 BO. Turn to separator @ 10:30 am. Pinch back to 32/64" choke, 2nd hour-FTP-140, made 23 BO. Selling 425.
- 6/11/19 FTP-40psi. Gauge 8' 10", made 33 ½ BO in 17 hrs. Made 128 ½ BO in 23 hrs. Well is dead. FR-0, Sold 104 MCFG. Office will assess artificial lift options, final report until lift work begins.