

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. 30-025-36866
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Ruth 20
8. Well Number #2
9. OGRID Number 1092
10. Pool name or Wildcat Lovington; Upper Penn, West
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3940 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-100) FOR 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 88202-1973

4. Well Location
Unit Letter D : 523 feet from the NORTH line and 841 feet from the WEST line
Section 20 Township 16S Range 36 E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3940 GR

HOBBS OCD
SEP 22 2020
RECEIVED

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 checked="" 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.

****PLEASE SEE ATTACHED ****

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 Shelby Dutton TITLE Engineering Analyst DATE 9/18/2020

Type or print name Shelby Dutton E-mail address: sutton@aecnm.com PHONE: 575-625-2222
 For State Use Only

APPROVED BY: Very Fort TITLE CO A DATE 9-22-20
 Conditions of Approval (if any):



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

Ruth 20 #2 (API# 30-025-36866)

Surface: UL D Section 20 T16S R36E 523' FNL & 841' FWL Lea County, NM

GL Elev: 3940' GR

Lat: N32° 54' 48.1" Long: W103° 22' 58.4"

Daily Recompletion Report

DIRECTIONS: From the intersection of W Ave R and S 17th St in Lovington, NM, travel west one mile on Avenue R. Turn left and travel south 1 mile on S Donna Rd. Turn left on lease road and travel east 0.2 miles. Turn right and travel south onto location.

9/1/20	C-103 Notice of Intention to perform Remedial Work submitted to OCD electronically.		
9/4/20	RUPU to begin wellbore prep work (Select Well Service, Manuel). SD	Est. Daily Cost	\$1,325
9/5/20	SDFW		
9/6/20	SDFW		
9/7/20	SDFW		
9/8/20	Remove horsehead. Unseat pump. LD polished rod. TOH laying down rods. (1 - 7/8" x 6' sub, 1 - 7/8" x 8' sub, 150 - 7/8" rods, 298 - 3/4" rods, 10 - 1 1/2" sinker bars, 1 - 1 1/4" x 24' pump with 1' lift sub, mechanical hold down. Blow casing down. After 1 hr still blowing, light. SISD.	Est. Daily Cost	\$4,336
9/9/20	RU Hydrostatic Tubing Inspection. RU kill truck. Pump 50bbl 2% KCL water down casing. ND wellhead, NU BOP. Release tubing anchor. TOH inspecting tubing (top 122 jts - 3 red, 6 blue, 113 yellow)(Middle 122 jts - 3 red, 13 blue, 106 yellow)(bottom 122 jts to anchor - 10 red, 17 blue, 95 yellow)(10 jts below TAC to SN - 7 red, 3 blue). Inspected total of 376 jts (23 red, 39 blue, 314 yellow) Last joint inspected like it had a split, but could not locate it. Pumped total of 100 bbl 2% KCL water while tripping pipe. SISD.	Est Daily Cost	\$8,478
9/10/20	RU Kill truck, tested bottom joint to 500psi, no split. Pump 50 bbl 2% KCL water down casing, RU Reliance Wireline. TIH w/4.625" gauge ring to 11,450', OK. TIH w/inspection log and run 11,460' to surface (40 arm MIT w/MTT gamma ray) TIH, tie in and set CIBP @ 11,450'. Make one 40' bailer run of cement. SD.	Est. Daily Cost	\$20,946



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 Roswell, NM 88202
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9/11/20	Rig down floor, NDBOP and set aside. Unload 10K tubing spool. ND 5K tubing spool. NU 10k tubing spool and test to 5000psi. NU X-over spool and BOP. TIH w 2 3/8"x5 1/2" Klein packer, 2 3/8"x2 7/8" x-over, 2 7/8" SN, and 314 jts from derrick. Strap in. 30 stands in, change of plans. TOH w/tubing and packer. TIH w/tubing, CIBP, 2 3/8" ported SN, 2 3/8" x 2 7/8" x-over, 2 7/8" SN and 314 jts 2 7/8" tubing (original) strapping in. SD.	Est. Daily Cost	\$20,469
9/12/20	Continue TIH w/CIBP and tubing. Unloaded yesterday 62 jts 2 7/8" L80 yellow & white tubing from AEC yard (1973.64'). Picked up 58 jts and tag @ 11,431'. OK'd with DGP. Set plug @ 11,430'. RU Crane Acidizing. RU kill truck, load 5 1/2" annulus w/2bbl. Loaded casing w/218 bbl and circulated 38 bbls. Test 5 1/2" casing to 4500psi, 5000psi, 5500psi, 5800psi, and 6200psi, all for 5 minutes, rock solid. Test 5 1/2" annulus to 1300psi, 100psi leak off in 5 minutes. RD Crane, M&S, SD.	Est. Daily Cost	\$14,519
9/13/20	SDFW	Est. Daily Cost	\$0
9/14/20	ND hanger flange. TOH laying down tubing (376 jts). NU flange on top. RDPU.	Est. Daily Cost	\$3,410
		Est. Cum Cost	\$73,483