

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

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 PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Armstrong Energy Corporation	
3. Address of Operator PO Box 1973, Roswell, NM 88202-1973	
4. Well Location Unit Letter <u>D</u> : <u>523</u> feet from the <u>NORTH</u> line and <u>841</u> feet from the <u>WEST</u> line Section <u>20</u> Township <u>16S</u> Range <u>36 E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3940 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.

**PLEASE SEE ATTACHED **

Spud Date:

10/2/2004

Rig Release Date:

11/1/2004

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: sdutton@aecnrm.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 50 bbl 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



Armstrong Energy Corporation
PO Box 1973
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 Est. Cum Cost	\$3,410 \$73,483