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. 30-025-30902

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: Maddux 17C

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

8. Well Number: 001

2. Name of Operator: Amrstrong Energy Corporation

9. OGRID Number: 1092

3. Address of Operator: P.O. Box 1973, Roswell, NM 88202

10. Pool name or Wildcat: Lovington-Pennsylvanian, NE

4. Well Location
Unit Letter C : 2130 feet from the West line and 660 feet from the North line
Section 17 Township 16S Range 37E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 3834' 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.

Per Mike Bratcher, rig up and pull well due to suspected casing integrity issues.

Please see report

Spud Date: 7/18/1990 Rig Release Date: 8/27/1990

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kyle Alpers TITLE VP of Engineering DATE 7/1/2021

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 4/11/23
Conditions of Approv

0 Emissions. NU BOP. Release Packer. TOH w/ 355 jnts, SN 2 3/8" x 5 ½" Arrow Set, 1 Packer, SN. RU (JSI Wireless). TIH w/ 4.625-gauge ring, getting stuck @ 8,400'. TOH and pickup 4 ½ gauge ring, run to 11,600'. Set CIBP @ 11,355'. Dump 1 40' baler of cement on BP. Pump 10 bbls down csg. TIH w/ 2 3/8 x 5 ½ Crest Packer, SN, 354 (11,297') jnts 2 3/8, L-80 tested to 9000 psi above slips. Test 1 on ground, all good. Set packer @ 11,313". Load tubing and test CIBP w/ 17 bbls, pressure to 1000 psi, bleeds off. Release packer and move down hole and set @ 11,329'. Load tubing w/ 10 bbls. Pressure to 1000 psi, bleeds off. Move packer to 11.270' (last workover testing footage). Pressure to 1000 psi, held ok. (Possible Pitted Casing from 11,270' to 11,329'). Pull up hole to 7,018', set packer. Pumped 30bls, never loaded. TIH to 7,814' (TOC 7,820'). Set packer. Load w/ 16 bbls, test to 550 psi, held ok. Move packer up hole to 7,433', set packer. Load tubing w/ 16 bbls, pressure to 500 psi, bleeds off. Move packer down to 7,560'. Loaded w/ 12 bbls, pressure to 500 psi, bleeds off. Move packer to 7,623'. Load tubing w/ 14 bbls. Packer @ 7,623', pressure to 500 psi, held good. Casing good 7,623' to 11,340'. Move packer to 6,032', loaded w/ 55 bbls. Pumping into 3.5 BPM @ 500 psi. Move packer to 5,021', load tubing w/ 4 bbls. Pumping into 1 BPM @ 500 psi and building to 900 psi within 1 bbl. Move packer to 4,706', loaded w/ 4 bbls. Pumping into 2.8 BPM @ 500 psi, building to 900 psi. Slow rate to 1.7 BPM @ 300 psi. Move packer to 6,032' and retest 3 BPM @ 900 psi, 2 BPM @ 300 psi, 2.4 BPM @500 psi. Move packer to 4,195', load and pump into @ 2 BPM @ 650 psi and charging to 800 psi. Reduce rate to 1.7 BPM and charging to 1600 psi. Reduce rate to 1.5 BPM and charging to 1,800 psi. Reduce rate to .9 BPM and charging to 1,850 psi. Reduce rate to .5 BPM @ 1,750 psi and fading slightly. SD Bleed back 15 bbls. Load backside w/ 13 bbls, pressure to 600 psi, held ok. TOH w/packer. TIH w/ RBP and packer. Set RBP @ 6,049'. Set packer @ 6,032'. Test plug to 550 psi, held ok. Tie into casing, load w/ 4 bbls. Pumping into 2 BPM @ 400 psi and charging. Move packer to 5,021', pressure to 550 psi, bleeding off. Move packer to 5,213', pressure to 550 psi, bleeding off. Move packer to 5,400', pressure to 550 psi, bleeding off. Move packer to 5,590, pressure to 500 psi, bleeding off. Move packer to 5,780', pressure to 500 psi, bleeding off. Move packer to 5,906', pressure to 300 psi and pumping into .5 BPM. Move packer to 5,970', pumping into 1.6 BPM @ 400 psi. Move packer back to 6,032' and retest RBP. Pressure to 550 psi, held ok. Move packer up hole to 4,644'. Pump down backside and break circulation up tubing. Move packer to 4,323'. Pump down backside. Pressure to 500 psi, bleeds off. Release packer. TIH and catch RBP. Move down hole and set RBP @ 6,304'. Set packer @ 6,032'. Pumping into 2 BPM @ 300 psi. Move packer to 6,287' and test RBP. No test. Move RBP to 6,624', packer to 6,607'. Test RBP @ 600 psi held ok. Move packer to 6,350'. Pumping into 2 BPM @ 300 psi. Release packer and RBP and TOH w/ tubing and tools. TIH w/ packer and tubing. Set packer @ 4,195'. Get injection rates. Load w/ 6 bbls. .75 BPM @ 200 psi and

working up to 700 psi over 5 bbls. 1 BPM @ 750' and working up to 1300' over 9 bbls. 1.3 BPM @ 1,500 psi and working up to 1,700 psi over 6 bbls. 2 BPM @ 1,900 psi and working up to 2,100 over 10 bbls. Pickup and TIH w/ 2 3/8" x 5 ½' cement retainer, SN and 131 jnts 2 3/8, L-80 tubing. Set retainer @ 4,163'. Test tubing to 4000 psi, held ok. Pressure backside to 600 psi, held ok. Establish injection rate 2 BPM @ 1200 psi. Mix and pump 190 sxs CLC (44 bbls slurry) w/ fluid loss, 570 sxs (134 bbls slurry) Class C neat. Displace w/ 6 BW. SD and cleanup to pit. Pump 2 bbls, 1700 psi, SD 5 mins 1200 psi. Pump 2 bbls 1800 psi, SD 5 mins 1500 psi. Pump 1 bbls 1850 psi SD 10 mins 1600 psi. Pump 1 bbls 1900 psi SD 10 mins 1700 psi. Pump 1 bbls 1950 psi SD 10 mins 1850 psi. Pump 1 bbls 2050 psi SD 10 mins 1950 psi. Pump 1 bbls 2150 psi SD 2100 psi. Sting out. Reverse 24 bbls to pit (2 sxs cement). RD Par 5. LD 1 jnt. Pull 5 stands. Lay down 10 jnts. TOH w/ tubing, setting tool. Tag @ 4,155'. PU Swivel. Drill on cement and retainer for 3 hrs. Resume drilling on remainder of retainer. Drill good, hard cement from 4,165' to 4,265' and fell out. Flowing back. SI for 30 mins, 180 psi to 280 psi. Flowed down. Pick up tubing and tag @ 4,426'. Get injection rate, 1 BPM, 600 psi to 900 psi over 4 bbls. SI w/ 825 psi and holds. Bleed off. Pump into 2 BPM, 1000 psi to 1400 psi for 4 bbls. Flow back. Resume drilling @ 4,426'. Drill to 4,505' and hardened up. TOH w/ tubing, Drill Collar, and bit. TIH w/ retainer, SN and 132 jnts, 2 3/8" tubing. Left swinging @ 4,195'. Load and clear pipe. Set retainer @ 4,195'. Test tubing 4000 psi, test backside to 1000 psi, held ok. Pump into 2 BPM. Mix and pump 50 sxc Class C w/fluid loss, (11 bbls slurry), 125 sxcs Class C w/ 2% CaCl, (29 bbls slurry). Displace w/ 6 BW 2 BPM, 2300 psi. SD 1600 psi. SD for 5 mins, pump 2 bbls, 2250 psi. SD 1750 psi. SD for 10 mins, pump 6 bbls, 3100 psi. SD 2550 psi. SD for 5 mins, pump ½ bbls, 3200 psi. SD 2450 psi. SD for 10 mins, pump ½ bbls, 3400 psi. SD 2500 psi. SD for 10 mins, pump ¼ bbls, 3700 psi. SD 2650 psi. SD for 10 mins, pump ¼ bbls, 4100 psi. Sting out. Reverse to pit, (2 sxc cement). TIH w/ new 4 5/8" bit sub, 6-3 ½" Drill Collar, Top sub, X-over and 127 jnts, 2 3/8" tubing. PU Swivel. Drill CMT, retainer, and cement. Med hard to hard to inter-mediate soft 4,195' to 4,265'. Med hard to hard to 4,441' and fell out. Continue in hole to 4,505'. Test to 550 psi for 15 mins, held ok. Resume drilling 4,505' to 4,570' (all cement).Resume drilling. 4,570' to 4,615', good hard cement. Soft cement 4,615' to 4,640'. Medium hard to hard cement, 4,640' to 5,110'. Circulate clean. Test to 560 psi, held ok. Resume drilling, 5,110' to 5,203'. Medium hard to hard cement. At 5,203' lost 100 psi pump pressure for 20' and regained pump pressure. Drill good hard cement 5,203' to 5,551'. Circulate clean. Test to 540 psi for 10 mins, held ok. LD Swivel. TOH w/ bit. LD 45 jnts. Lost part of 1 cone. TIH w/ new bit and tubing. Ream and wash 15' to bottoms. Drill light on piece of cone for 30' and caught in returns. Drill medium hard to hard cement from 5,551' to 5,707'. Circulate clean.

Resume drilling 5,707' to 5,836'. Circulate clean. Test to 550 psi, held ok. During test lost 10 psi in 10 mins. TIH w/ new bit, collars, and tubing. Run light 5,836' to 5,866'. Drill 5,836' to 6,025', good hard cement. Circulate clean. Test to 545 psi. 10 mins, 20 psi leak off. 15 mins, 25 psi leak off. Resume drilling 6,025' to 6,088'. Resume drilling 6,088' to 6,230' good hard cement. Tough drilling 6,230-6,398'. At 6,398', drilling picked up. Drilling stringers of cement. 6,500', test to 550 psi, lost 100 psi in 15 mins. Drill to 7,104', test to 550 psi, lost 100 psi in 15 mins. Lay down 20 jnts, TIH w/ 10 stands. Pick up swivel. Resume drilling 7,104' to 7,193' (stringers of cement) fell out. TIH to 7,741'. Circulate clean. Test to 550 psi, lost 70 psi in 15 mins. TOH w/ tubing, collars, and bit. TIH w/ Crest 2 3/8" x 5 ½" Packer, SN, and 174 jnts tubing. Set Packer @ 5,525'. Load backside and pressure to 560 psi, holding good. Load tubing and pressure to 1,070 psi. Lost 220 psi in 15 mins. Pressure to 1,550 psi, lost 400 psi in 15 mins. Pressure backside to 560 psi. Pressure tubing to 2000 psi, lost 450 psi in 15 mins. Bleed off. Release packer. TIH w/ 16 jnts. Set packer @ 6,032'. Pressure backside to 575 psi, lost 20 psi in 15 mins. Pressure tubing to 1,040 psi, lost 130 psi in 15 mins. Pressure tubing to 1,525' psi, lost 200 psi in 15 mins. Pressure tubing to 2,000 psi, lost 400 psi in 15 mins. Backside lost 75 psi in 1 hr. Bleed tubing off and check for flow, no flow. Call Kerry Fortner, NM OCD and get approval to put back on pump. We received verbal approval to produce well via rod pump without a packer in the hole.

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 34586

CONDITIONS

Operator: ARMSTRONG ENERGY CORP P.O. Box 1973 Roswell, NM 88202	OGRID: 1092
	Action Number: 34586
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	4/11/2023