

Submit a 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

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 Roueché 5
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	8. Well Number 001	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Armstrong Energy Corporation	9. OGRID Number 1092	6. State Oil & Gas Lease No.
3. Address of Operator PO Box 1973, Roswell, NM 88202	10. Pool name or Wildcat Humble City; Wolfcamp	
4. Well Location Unit Letter P : 600 feet from the South line and 1120 feet from the East line Section 5 Township 17S Range 37E NMPM Lea County		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3790' GR		

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Plugback <input checked="" 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.

12/19/22 - RUPU, unseat pump, TOOH w/rods and pump. ND hanger flange and NUBOP, release tbg anchor and TOOH w/tubing. SD.
 12/20/22 - TOOH w/remaining tubing. TIH w/4.5" gauge rign to 10,800' w/no problems, TIH w/CIBP, tie in w/gamma and set @ 10,765', run two bailers of cement, RD WL, TIH w/SN and 101 jts, SD.
 12/21/22 - TIH w/remaining tbg, SN @ 10,717', circ 260bbl 2% KCL, pressure up and test plug, held good. TOH and stand back 306 jts, LD 42. RU WL, TIH tie in and log w/GR, CCL and CBL, PBTD is 10,692'. TOH and PU 10' gun, TIH tie in and shoot 9560'-9570', 2 SPF. TOOH secure WH, SD.
 12/22/22 - SD through 12/26/22 for holiday.
 12/27/22 - PU 5 1/2" x 2 7/8" Arrowset 1, TIH w/306 jts, spot 750 gal 15% acid. LD 4 jts, reverse 20 bbl, set packer @ 9450', load BS and test to 500psi, held good. Pump 40 bbl 2% KCL, put acid away at 3100psi 2.6BPM rate average, no breaks. ISIP: 3509#, 5 min: 2553#, 10 min: 2112#, 15 min: 1833#. Bled down to tank, RD acid, RU to swab. Made total of 9 runs, recovered 82 BW, no shows. FL on 9th was 5000'. SD.
 12/28/22 - 80-# SITP. 1st swab FL was 2200', no show, all water. Made 12 runs recover 105 BW, no show, FL staying @ 8000'. RD swab, prep to TOH w/tbg & pkr
 12/29/22 - RU WL, TIH and tie in and set CIBP @ 9554', dumped one 30' baller of cement on top. TIH, tie in and perforate 9508'-9510', 9512'-9524', 2 SPF 32 holes total. RD WL. TIH w/ 2 7/8" SN, 5 1/2" x 2 7/8" Arrowset 1, on/off tool w/ 2.313x profile nipple and 10 stands tbg, SD.
 12/30/22 - Finish TIH w/302 jts 2 7/8" tbg, left packer swinging @ 9427.76'. SISD, W/O acid.
 12/31/22 - SD through 1/2/23 for holiday.
 1/3/23 - PU 2 jts and one 10' sub @ 9524', RU acid, circ down tbg w/140 bbl 2% KCL, pump and spot 750 gal 15% NeFe acid, LD sub and 3 jts, reverse 25 bbl, set pkr @ 9427'. 301 jts in hole. Pressure BS to 400psi, held good, started pumping down tubing 0.8 to 2.4 BPM, pressure climbed to 3500psi and broke back to 2275 psi, built back slowly to 2640 psi. ISIP: 2584#, 5 min: 1707#, 10 min: 1501#, 15 min: 1352#. RD acid, flow back to tank 14 BW. RU to swab, FL @ surface. Made 5 runs, FL @ 800' on fifth, 47 bbls back and well kicked off and started to flow but quickly died. Made 8 more runs, FL @ 3400', recovered 63 BW w/slight oil cut, lots of iron in water, 110PPM H2S on monitors. 125 BW recovered, load all back. SISD.
 1/4/23 - SITP 680psi. Fluid samples from yesterday settled out at 10-20% oil cut. Surfaced oil at 60psi, lots of paraffin. 1 hr flowed 2.5 bbls and died. Run swab, tag fluid @ 2000'. Made 4 runs, FL was 3800' Recovered 47 bbls, black water, tag @ 4100' on 5th run. SD for broken sandline. Repair and resume swab. Recover 124 bbl total fluid today, oil cut eventually went away. Gas at well head tested 10,000ppm. Secure and SI. Prep to squeeze sour interval.
 Due to lack of oil and high H2S, prep to file for approval to squeeze and drill out to test lower WC interval that was missed during log review.

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 1/5/23

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

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1625 N. French Dr., Hobbs, NM 88240
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CONDITIONS

Action 172965

CONDITIONS

Operator: ARMSTRONG ENERGY CORP P.O. Box 1973 Roswell, NM 88202	OGRID: 1092
	Action Number: 172965
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	1/6/2023