

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. 30-025-36629	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Roueché 5	
8. Well Number	001
9. OGRID Number	1092
10. Pool name or Wildcat Humble City; Wolfcamp	
4. Well Location Unit Letter <u>P</u> : <u>600</u> feet from the <u>South</u> line and <u>1120</u> feet from the <u>East</u> line Section <u>5</u> Township <u>17S</u> Range <u>37E</u> NMPM <u>Lea</u> 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:

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.

1. Drill out CIBP @ 9554'
2. TIH and set cement retainer
3. Squeeze sour WC interval @ 9508'-9524' and wet WC interval @ 9560'-9570'
4. WOC
5. Drill out cement, test squeeze
6. TIH w/WL gamma, tie in, perforate lower WC interval from 9560'-9570' (this interval was missed during initial investigation of logs for recompletion potential).
7. TIH w/tbg & packer, acidize perfs, swab test
8. Pending economic production, hang well back on and return to production

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):



CURRENT WELLBORE DIAGRAM

LAST UPDATED
1/5/2023

Rustler - 1,989

Yates - 3,136'
7 Rivers - 3,430'
Queen - 4,065'

Grayburg - 4,524'

San Andres - 4,780'

Glorieta - 6,198'

3rd Sand - 8,470'

Wolfcamp - 8,660'

Penn - 10,564'

Strawn - 10,776'

3,790' GR

17.5" hole
13.375" 48#/ft H40 @ 418'
375sx C, circ

11" hole

8.625" 32#/ft @ 4,297'
1030sx C

TOC not indicated by Chesapeake
7 ⁷/₈" hole

Armstrong Energy Corporation

Roueché 5 #1

Unit P 600' FSL & 1,120' FEL
Section 5, T17S, R37E
Lea County, New Mexico

API Number **30-025-36629**
Spud Date: 4/8/2004

Downhole Production Equipment

Surface Production Equipment

Notes

Drilled by Chesapeake, acquired by Chevron 10/2012

Shipp Strawn well acquired from Chevron by AEC 12/2017, Strawn NSL Order No. NSL-5012 (80ac)
Strawn Cumulative Oil 296,610
Gas 806,327, Water 13,892

Wolfcamp recompleat attempt

DV tool @7,971'

Stage 1 - 565 sx C

Stage 2 - 725 sx H

Wolfcamp - 12/2022

STIMULATION

9,508'-9,510'

750gal 15% acid, slight oil cut, 10,000ppm H2S

CIBP @ 9,554' w/one 30' bailer of cement (12/2022)

Wolfcamp - 12/2022

STIMULATION

9,560'-9,570'

750gal 15% acid, no shows

CIBP @ 10,765' w/two bailers of cement (12/2022)

Strawn - 2004

STIMULATION

10,804-10,826

5000gal 15% NeFe + 126 BS

88 shots

10,916'-10,834'

1500gal 20% NEFE, 3000gal gelled 20% NEFE, 4000 gal Ultragel, 5000galgel NEFE w/165BS

165 shots

5 ¹/₂" 17#/ft J-55 LTC @ 11,074'

TD 11,050'

PBTD 9,540'



PROPOSED WELLBORE DIAGRAM
LAST UPDATED
1/5/2023

Rustler - 1,989

Yates - 3,136'
7 Rivers - 3,430'
Queen - 4,065'

Grayburg - 4,524'

San Andres - 4,780'

Glorieta - 6,198'

3rd Sand - 8,470'
Wolfcamp - 8,660'

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Wolfcamp - 12/2022

STIMULATION

9,508'-9,510' 750gal 15% acid, slight oil cut, 10,000ppm H2S

SQUEEZE

9,560'-9,570' 750gal 15% acid, no shows

SQUEEZE

Wolfcamp - Proposed 1/23

STIMULATION

9,672'-9,689' 1500gal 15% acid

CIBP @ 10,765' w/two bailers of cement (12/2022)

Strawn - 2004

STIMULATION

10,804-10,826 5000gal 15% NeFe + 126 BS

88 shots

10,916'-10,834'

165 shots

1500gal 20% NEFE, 3000gal gelled 20% NEFE, 4000 gal Ultrage, 5000galgel NEFE w/165BS

5 ¹/₂" 17#/ft J-55 LTC @ 11,074'

TD 11,050'

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CONDITIONS

Action 173141

CONDITIONS

Operator: ARMSTRONG ENERGY CORP P.O. Box 1973 Roswell, NM 88202	OGRID: 1092
	Action Number: 173141
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

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