

Submit to Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
MAR 25 2019
DISTRICT II-ARTESIA O.C.D.

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO.
30-005-64315
2. Type of Lease
 STATE FEE FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
 C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
Huckleberry State
6. Well Number:
1

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator
Armstrong Energy Corporation

9. OGRID
1092

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

11. Pool name or Wildcat

| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| Surface: | J | 10 | 15S | 28E | | 2402 | South | 1610 | East | Chaves |
| BH: | | | | | | | | | | |

13. Date Spudded 08/30/2018
14. Date T.D. Reached 09/17/18
15. Date Rig Released 09/20/18
16. Date Completed (Ready to Produce) N/A
17. Elevations (DF and RKB, RT, GR, etc.)

18. Total Measured Depth of Well 10,030'
19. Plug Back Measured Depth 9925'
20. Was Directional Survey Made?
21. Type Electric and Other Logs Run DLL-MG, GR-NEUTRON-DENSITY

22. Producing Interval(s), of this completion - Top, Bottom, Name

23. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 13.375 | 48 H40 | 400 | 17.5 | 425 | |
| 8.625 | 24 J55 | 2200 | 12.25 | 730 | |
| 5.5 | 17 HCL80 | 10,000 | 7.875 | 1130 | AB |

24. LINER RECORD **25. TUBING RECORD**

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|------|-----------|------------|
| | | | | | | | |

26. Perforation record (interval, size, and number)
9946'-9960', 2 SPF, 30 holes
9892'-9901' & 9906'-9912', 2 SPF, 34 holes
9872'-9876', 2 SPF, 10 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
9946'-9960' 500 gals 20% NEFE, 1750 gals 20% NEFE + 50 BS, 250 gals 20% NEFE
9910.65' Spot 250 gals 10% NEFE
9872'-9876' Pump 12 bbls 15% NEFE + 20 BS

28. PRODUCTION

Date First Production N/A Production Method (Flowing, gas lift, pumping - Size and type pump) Not Productive Well Status (Prod. or Shut-in) P&A

| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period | Oil - Bbl | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|------------------------|-----------|-----------|--------------|-----------------|
| | | | | | | | |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|-----------------------------|
| | | | | | | |

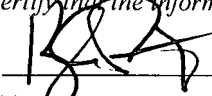
29. Disposition of Gas (Sold, used for fuel, vented, etc.)
30. Test Witnessed By

31. List Attachments
DLL-MG, GR-NEUTRON-DENSITY

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:
Latitude Longitude NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature  Printed Name Kyle Alpers Title VP - Engineering Date 3/1/2019
E-mail Address kalpers@aecnm.com

C-105 - Well Completion
 Huckleberry State #1
 API #30-005-64315

(Cont'd from Page 1)

| | | |
|--|---|-------------------------------|
| 26. Perforation record (interval, size, and number) 9078'-9080', 6 holes, and 9062'-9069', 16 holes 9007'-9014', 20 holes 7948'-7954', 2 SPF, 14 holes, 7916'-7938', 2 SPF, 46 holes and 7890'-7892', 2 SPF, 6 holes. 7726'-7735', 20 holes; 7764'-7772', 18 holes; 7786'-7794', 18 holes and 7803'-7812', 20 holes. | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
| | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| | 9080' | Spot 500 gals 15% NEFE |
| | 9012' | Spot 500 gals 15% NEFE |
| | 7950' | Spot 500 gals 15% NEFE |
| | | |

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico | | | Northwestern New Mexico | |
|-------------------------|------------------|-------|-------------------------|------------------|
| T. Anhy | T. Canyon | 8024' | T. Ojo Alamo | T. Penn A" |
| T. Salt | T. Strawn | 8570' | T. Kirtland | T. Penn. "B" |
| B. Salt | T. Atoka | 8857' | T. Fruitland | T. Penn. "C" |
| T. Yates | T. Miss | 9095' | T. Pictured Cliffs | T. Penn. "D" |
| T. 7 Rivers | T. Devonian | 9945' | T. Cliff House | T. Leadville |
| T. Queen | T. Silurian | | T. Menefee | T. Madison |
| T. Grayburg | T. Montoya | | T. Point Lookout | T. Elbert |
| T. San Andres | T. Simpson | 2005' | T. Mancos | T. McCracken |
| T. Glorieta | T. McKee | 3412' | T. Gallup | T. Ignacio Otzte |
| T. Paddock | T. Ellenburger | | Base Greenhorn | T. Granite |
| T. Blinebry | T. Gr. Wash | | T. Dakota | |
| T. Tubb | T. Delaware Sand | 4734' | T. Morrison | |
| T. Drinkard | T. Bone Springs | | T. Todilto | |
| T. Abo | T. | 5503' | T. Entrada | |
| T. Wolfcamp | T. | 6826' | T. Wingate | |
| T. Penn | T. | 7334' | T. Chinle | |
| T. Cisco (Bough C) | T. | 7547' | T. Permian | |

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness In Feet | Lithology | From | To | Thickness In Feet | Lithology |
|-------|---------|----------------------|--------------------|------|----|----------------------|-----------|
| 0 | 2005' | 2005 | Anhy, Sd, Sh | | | | |
| 2005' | 3412' | 1407' | Dolo, Li; Sd | | | | |
| 3412' | 6826' | 3414' | Sd, Sh, Anhy, Dolo | | | | |
| 6826' | 9095' | 2269' | Li, Sh | | | | |
| 9095' | 9945' | 850' | Li, Ch, Sh | | | | |
| 9945' | 10,030' | 85' | Dolo, Ch | | | | |