

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☐ Gas Well ☒ Dry Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other D&A2. Name of Operator
PAR Minerals Corporation3. Address
509 Market St., Shreveport, LA 711013a. Phone No. (include area code)
318/221-6156

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 660' FSL & 1980' FWL

At top prod. interval reported below same

At total depth same

14. Date Spudded
4/24/0315. Date T.D. Reached
5/21/0316. Date Completed
☒ D & A ☐ Ready to Prod.
5/23/03

5. Lease Serial No. NM-17214

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Long Arroyo 13 Fed.Com.#19. API Well No.
30-005-6351910. Field and Pool, or Exploratory
Springer Basin Atoka/Morrow11. Sec., T., R., M., on Block and
Survey or Area 13 14S-27E 8562912. County or Parish Chaves
13. State NM17. Elevations (DF, RKB, RT, GL)*
3505' G.L.18. Total Depth: MD
TVD 824119. Plug Back T.D.: MD
TVD N/A20. Depth Bridge Plug Set: MD
TVD N/A21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Litho Density CN/GR; Lateolog Micro CFL/GR22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 14.75 | 11.75 | 47 | surface | 412 | N/A | 236sx class "C" | 67.4 | surface | none |
| 11 | 8 5/8 | 24 | surface | 1594 | N/A | 485sx class "C" | 143.3 | surface | none |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
|------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|-----|--------|---------------------|------|-----------|--------------|
| A) | | | | | | |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| | |
| | |
| | |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |
| | | | → | | | | | | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |
| | | | → | | | | | | |

(See instructions and spaces for additional data on reverse side)

ACCEPTED FOR RECORD

JUL 8 2003

ARMANDO A. LOPEZ
PETROLEUM ENGINEER

| | | | | | | | | | |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |

| | | | | | | | | | |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|-----------|-----|--------|------------------------------|------|-------------|
| | | | | | Meas. Depth |
| | | | | | |

| | | | | | |
|------------------------|--------------|----------------|--------------------|-----------|-------------|
| 1st plug (Mississipen) | 8250 - 8350' | 32sx class "H" | 6th plug (Yates) | 362 - 462 | 26sx cl."C" |
| 2nd plug (Morrow) | 7700 - 7850' | 48sx class "H" | 7th plug (Surface) | 0 - 50' | 13sx cl."C" |
| 3rd plug (Wolfcamp) | 5960 - 6110' | 38sx class "C" | | | |
| 4th plug (Abo) | 4825 - 4960' | 26sx class "C" | | | |
| 5th plug (Glorieta) | 1544 - 1644' | 32sx class "C" | | | |

① Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
⑤ Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

Signature Roger Hooper Date June 3, 2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.