

Oil Cons.

N.M. DIV-Dist. 2

Form 3160-4  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT1301 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-17214

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&A

6. If Indian, Allottee or Tribe Name

2. Name of Operator  
PAR Minerals Corporation

7. Unit or CA Agreement Name and No.

3. Address  
509 Market St., Shreveport, LA 711013a. Phone No. (Include area code)  
318/222-62568. Lease Name and Well No.  
Long Arroyo 13 Fed.Com.#1

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

At surface 660' FSL &amp; 1980' FWL

At top prod. interval reported below same

At total depth same

9. 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-27E12. County or Parish Chaves  
13. State NM14. Date Spudded  
4/24/0315. Date T.D. Reached  
5/21/0316. Date Completed  
☒ D & A ☐ Ready to Prod.  
5/23/0317. 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)
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## 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

ACCEPTED FOR RECORD

JUL 8 2003

ARMANDO A. LOPEZ  
PETROLEUM ENGINEER

## 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)

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	

### 30. Summary of Porous Zones (Include Aquifers):

### 31. Formation (Log) Markers

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

1st plug	(Mississipen)	8250 - 8350'	32sx	class "H"
2nd plug	(Morrow)	7700 - 7850'	48sx	class "H"
3rd plug	(Wolfcamp)	5960 - 6110'	38sx	class "C"
4th plug	(Abo)	4825 - 4960'	26sx	class "C"
5th plug	(Glorieta)	1544 - 1644'	32sx	class "C"

6th plug (Yates) 362 - 462 26sx cl."C"  
7th plug (Surface) 0 - 50' 13sx cl."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:

Name (please print) Roger Hooper Title Regulatory

Signature Robert Rogers 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.