Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM 62602

1a. Type of Well	☒ Oil Well	☐ Gas Well	☐ Dry	Other
b. Type of Completion:	☐ New Well	☐ Work Over	☐ Deepen	☒ Plug Back ☒ Diff. Resvr,.

Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
Brothers Production Company, Inc.

8. Lease Name and Well No.
Hamon "A" Fed Com #1

3. Address
P.O. Box 7515, Midland, TX 79708

3a. Phone No. *(include area code)*
915-682-2516

9. API Well No.
30-025-30881

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

At surface   1650' FSL, 1980' FEL, Sec 7, T-20-S, R-34-E

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory
Quail Ridge-Bone Spring

11. Sec., T., R., M., on Block and Survey or Area
Sec 7, T20S, R34E

12. County or Parish
Lea

13. State
NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed ☐ D & A ☐ Ready to Prod.	17. Elevations (DF, RKB, RT, GL)*
See Original Completion Report			GL - 3614'

18. Total Depth:	MD TVD	19. Plug Back T.D.:	MD TVD	20.	Depth Bridge Plug Set:	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. 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
See Original Completion Report									

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	9536'							

25. Producing Intervals | 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Bone Spring	8352	10,000	9434-9438)			
B)				9460-9480)		94 holes	Producing
C)				9496-9516)			
D)							

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

Depth Interval	Amount and Type of Material
9434-9516	Acidized w/2500 gal 15% HCL. Fraced w/57,000 gal Spectra Frac G-3000 + 110,000# sand.

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
11/15/01	1/5/02	24	→	10	10	122	40.6°		Rod pump

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)

28b.Production - Interval C

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	

28c. Production - Interval D

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	

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top / Meas. Depth
See Original Completion Report					

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

   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:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)*   Travis McGraw   Title   Geologist

Signature _____   Date   1/10/02

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.