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NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

FORM C-103  
(Rev 3-55)

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>Amerada Petroleum Corporation</b>		Address <b>Donnell Star Route - Tatum, New Mexico</b>				
Lease <b>State B.T."E"</b>	Well No. <b>1</b>	Unit Letter <b>N</b>	Section <b>23</b>	Township <b>12-S</b>	Range <b>33-E</b>	
Date Work Performed <b>12-1-61</b>	Pool <b>Hightower Devonian</b>			County <b>Lea</b>		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations    ☐ Casing Test and Cement Job    ☒ Other (Explain): **Acidized**  
☐ Plugging    ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

**10,165' TD 10,120' PBD - Acidized 5-1/2" Devonian Casing Perforations from 9992' to 10,045' With 2000 Gallons 15% Reg. Acid with 250 ball sealers injected constantly during treatment, Max. PP 4600#, MIN. 1000#, Held 700# on Casing, 250# on Tubing with pumps down. Injection rate 3.8 barrels per minute. Flashed with crude oil. Roran Kobe Pump & resumed pumping**

Witnessed by	Position <b>Assist. Dist. Superintendent</b>	Company <b>Amerada Petroleum Corp.</b>
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. <b>4242'</b>	T D <b>10,165'</b>	P BTD <b>10,120'</b>	Producing Interval <b>9992'-10,045'</b>	Completion Date <b>4-8-50</b>
Tubing Diameter <b>2-3/8"</b>	Tubing Depth <b>7290'</b>	Oil String Diameter <b>5-1/2"</b>	Oil String Depth <b>10,148'</b>	
Perforated Interval(s) <b>9992' to 10,045'</b>				
Open Hole Interval <b>None</b>		Producing Formation(s) <b>Devonian</b>		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	<b>12-1-61</b>	<b>None</b>	<b>TSTM</b>	<b>456</b>	<b>-</b>	
After Workover	<b>12-15-61</b>	<b>50</b>	<b>12</b>	<b>898</b>	<b>243</b>	

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by	Name <b>W.C. Henderson</b>
Title	Position <b>Assistant District Superintendent</b>
Date	Company <b>Amerada Petroleum Corporation</b>

**Donnell Star Route - Tatum, New Mexico**

1. The first part of the paper discusses the importance of understanding the underlying mechanisms of the system. It highlights the need for a comprehensive approach that considers both the physical and biological aspects of the problem.

2. The second part of the paper focuses on the development of a mathematical model. This model is designed to capture the essential dynamics of the system while maintaining a high degree of generality.

3. The third part of the paper presents the results of numerical simulations. These simulations are used to validate the mathematical model and to explore the behavior of the system under various conditions.

4. The final part of the paper discusses the implications of the findings and suggests directions for future research. It emphasizes the importance of continued collaboration between different disciplines in this field.

The authors would like to thank the following individuals for their contributions to this work:

- Dr. John Doe, for his valuable insights and suggestions.
- Dr. Jane Smith, for her assistance in the early stages of the project.
- Dr. Alex Johnson, for his critical review of the manuscript.
- Dr. Emily White, for her helpful comments and discussions.

The authors declare that they have no competing financial interests or personal relationships that could have influenced the work reported in this paper.

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