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# NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

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

|                                                              |                             |                         |                      |                                                        |                        |  |
|--------------------------------------------------------------|-----------------------------|-------------------------|----------------------|--------------------------------------------------------|------------------------|--|
| Name of Company<br><b>PAN AMERICAN PETROLEUM CORPORATION</b> |                             |                         |                      | Address<br><b>P. O. Box 80, Farmington, New Mexico</b> |                        |  |
| Lease<br><b>Callegos Canyon Unit-Dakota</b>                  | Well No.<br><b>167</b>      | Unit Letter<br><b>C</b> | Section<br><b>18</b> | Township<br><b>T-28-N</b>                              | Range<br><b>R-11-W</b> |  |
| Date Work Performed                                          | Pool<br><b>Basin Dakota</b> |                         |                      | County<br><b>San Juan</b>                              |                        |  |

THIS IS A REPORT OF: (Check appropriate block)

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

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

The above well was spudded on 6-6-64 and drilled to a depth of 330'. 10-3/4" casing was set at a depth of 327' with 220 sacks cement containing 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 1000 psi. Test OK. Reduced hole to 9-7/8" and resumed drilling.

Well was drilled to a total depth of 6155' and 4-1/2" casing was set at that depth with stage tool at 4301'. First stage cemented with 400 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack followed by 100 sacks neat cement. Second stage cemented with 1100 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack. Each stage tested with 3500 psi after waiting on cement. Test OK.

Perforated 6066-6090 with 2 shots per foot. Fracked these perforations with 47,964 gallons water containing 1% calcium chloride and 5 pounds J-133 per 1000 gallons and 30,000 pounds 20-40 and 8,000 pounds 10-20 sand. Breakdown pressure 1500. Treating 3000. Average injection rate 43.3 BPM. Set bridge plug at 6050 and tested with 3500 psi. Test OK.

Perforated 6005-10 with 4 shots per foot, 5982-92 with 2 shots per foot. Fracked these (Cont'd on Reverse)

|              |          |         |
|--------------|----------|---------|
| Witnessed by | Position | Company |
|--------------|----------|---------|

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

### ORIGINAL WELL DATA

|           |     |         |                    |                 |
|-----------|-----|---------|--------------------|-----------------|
| D F Elev. | T D | P B T D | Producing Interval | Completion Date |
|-----------|-----|---------|--------------------|-----------------|

|                 |              |                     |
|-----------------|--------------|---------------------|
| Tubing Diameter | Tubing Depth | Oil String Diameter |
|-----------------|--------------|---------------------|

|                        |
|------------------------|
| Perforated Interval(s) |
|------------------------|

|                    |                        |
|--------------------|------------------------|
| Open Hole Interval | Producing Formation(s) |
|--------------------|------------------------|

### 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 |              |                    |                      |                      |                    |                          |
| After Workover  |              |                    |                      |                      |                    |                          |

OIL CONSERVATION COMMISSION

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

**Fred L. Nabors, District Engineer**

Approved by  
**Original Signed Emery C. Arnold**

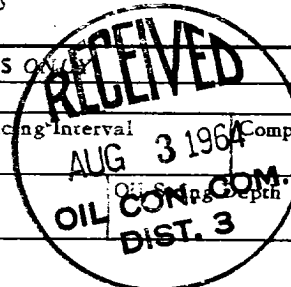
Name  
**(ORIGINAL SIGNED BY F. H. HOLLINGSWORTH)**

Title  
**Supervisor Dist. # 3**

Position  
**Administrative Clerk**

Date  
**AUG 3 1964**

Company  
**PAN AMERICAN PETROLEUM CORPORATION**



History (Cont'd)

perforations with 30,828 gallons water containing 1% calcium chloride and 5 pounds J-133 per 1000 gallons water and 20,000 pounds 20-40 sand and 7,000 pounds 10-20 sand. Breakdown pressure 2100. Treating pressure 3450. Average injection rate 30 BPM.

2-3/8" tubing set at 5982 and well completed 7-7-64 as Basin Dakota Field well. Preliminary test 5000 MCFD.