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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 PAN AMERICAN PETROLEUM CORPORATION | | | | Address P. O. Box 480, Farmington, New Mexico | | | |
| Lease Black Gas Unit | | Well No. 1 | Unit Letter C | Section 29 | Township T-29-N | Range R-10-W | |
| Date Work Performed | | Pool Basin Dakota | | | County San Juan | | |

THIS IS A REPORT OF: (Check appropriate block)

| | | |
|--|---|---|
| <input type="checkbox"/> Beginning Drilling Operations | <input type="checkbox"/> Casing Test and Cement Job | <input checked="" type="checkbox"/> Other (Explain): Well History |
| <input type="checkbox"/> Plugging | <input type="checkbox"/> Remedial Work | |

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

Well was spudded on 6-25-64 and drilled to a depth of 796'. 8-5/8" casing set at that depth with 800 sacks cement containing 2 pounds Tuf Plug and 1/2 pound Flo Seal per sack. Cement circulated to surface. After waiting on cement tested casing to 500 psi. Test OK. Redused hole size to 7-7/8" and resumed drilling.

Well was drilled to a total depth of 6361 and 4-1/2" casing was set at that depth with stage collar at 4453. Cemented first stage with 350 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack and followed by 100 sacks neat cement. Cemented second stage with 920 sacks cement containing 6% gel, 2 pounds Tuf Plug per sack. Cement circulated to surface. After waiting on cement tested casing with 3500 psi. Test OK.

Perforated 6208-6218, 6231-6241 with 2 shots per foot. Fractured with 41,120 gallons water containing 0.8% potassium chloride, 2 pounds FR-8 per 1000 gallons and 40,000 pounds sand. Breakdown pressure 1900, average treating 3200. Average injection rate 48 BPM. Set bridge plug at 6190 and tested with 3500 psi. Test OK. Perforated 6144-6151 with 6 shots per foot. Fracked with 23,290 gallons water treated as above and containing 20,000 pounds sand. Breakdown pressure none. Average treating 3475. Average injection rate 43 BPM. Drilled out bridge plug and cleaned out well. (Continued on reverse side.)

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

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

| ORIGINAL WELL DATA | | | | |
|------------------------|--------------|------------------------|--------------------|-----------------|
| D F Elev. | T D | P BTD | Producing Interval | Completion Date |
| Tubing Diameter | Tubing Depth | Oil String Diameter | Oil String Depth | |
| 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. | |
| Approved by Original Signed Emery C. Arnold | | Name Fred L. Nabors, District Engineer | |
| Title Supervisor Dist. #3 | | Position ORIGINAL SIGNED BY F. H. HOLLINGSWORTH | |
| Date AUG 13 1964 | | Company PAN AMERICAN PETROLEUM CORPORATION | |

2-3/4" tubing landed at 6173 and well completed 7-20-64 as Basin Dakota Field Development well. Preliminary test 5200 MCFD.