

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

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 PAN AMERICAN PETROLEUM CORPORATION		Address P. O. BOX 480, Farmington, New Mexico	
Lease Likine Gas Unit "A"	Well No. 1	Unit Letter M	Section 34
		Township T-30-N	Range R-9-W
Date Work Performed	Pool Blanco Mesaverde	County San Juan	

THIS IS A REPORT OF: (Check appropriate block)

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

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

On 9-18-64 moved in workover unit and killed well with water. Bridge Plug set at 3925 and tested to 2000 psi. Test ok. Ran cement Bond and Casing Corrosion Log. Perforated 7" casing with 4 shots per foot. 2200-2201. Attempted to circulate with water at 1000 psi; unable to circulate. Ran tubing and full bore packer set at 2081. Pump in at 1/4 BPM with 1300 psi and 2-1/2 BPM at 1600 psi. Unable to circulate. Squeeze cemented with 150 sacks neat cement. Maximum and final squeeze pressure 2000 psi. Put 130 sacks in formation. Wait on cement 12 hours. Opened surface casing and had some gas and water flow as previously. Test for 8 hours no change. Tested 7" casing with 4 shots per foot 1343-1344. Circulate with water at 6 RPM and 300 psi. Ran tubing and set full bore packer at 1235. Squeeze cemented with 425 sacks cement containing 6% gel and 2 pounds medium Tuf Plug per sack. Squeezed 389 sacks thru perforations and circulated 7 sacks. Reversed out remainder Squeezed with 2000 psi. Unable to put any additional cement into perforations. Pulled cementing tool to 1085 and held 1800 psi for 6 hours. Pulled tubing and full bore packer. Ran tubing and 6-1/4" bit and Baker Casing scraper. Drilled cement 1235-1345. Tested 7" casing with 1000 psi. Bled to 825 psi in 15 min. Drilled cement 2110-2215 and cement stringers to 2300. Tested 7" casing with 1000 psi and to 750 psi in 15 min. Ran tubing to top of line and (OVER)

Witnessed by R. H. Graham	Position Field Foreman	Company PAN AMERICAN PETROLEUM CORPORATION
-------------------------------------	----------------------------------	--

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA			
D F Elev. 5714	T D 4767	P B T D -	Producing Interval 3996-4767
	Completion Date 3-11-52		
Tubing Diameter 2-3/8"	Tubing Depth 4636	Oil String Diameter 7" (5-1/2" Liner)	Oil String Depth 3988' (3873-4767)
Perforated Interval(s) 4596-4710, 4716-4730 with 2 shots per foot.			
Open Hole Interval None		Producing Formation(✓) Mesaverde	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR OCT Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	No Test					
After Workover	No Test					

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

Date
OCT 1 1964

Company
PAN AMERICAN PETROLEUM CORPORATION

circulated casing clean with water. Pulled tubing, casing scraper and bit. Set stressed steel liners 2195.5 - 2205.5 and 1338.5 - 1348.5. After waiting on epoxy tested casing with 1300 psi. Test ok. Blew hole down and drilled out bridge plug. Cleaned out to FBD 4750.

2-3/8" Tubing set at 4734 and well cleaned up. Completed as Blanco Mesaverte Field Repair 9-24-64 ready for reconnection to pipeline.