

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 Box 480, Farmington, New Mexico			
Lease Martinez Gas Unit "A"	Well No. 1	Unit Letter N	Section 32	Township T-32-N	Range R-10-W
Date Work Performed 2-22-61 to 4-1-61	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.

Rotary rig was moved in, tubing pulled, 5" drillable bridge plug set at 4565 and hole loaded with water, while blowing gas from bradenhead outlet. Were able to circulate through bradenhead outlet to inside of 7" casing. Ran electromagnetic log to check casing wall thickness.

Loaded hole with mud and killed gas flowing from bradenhead. Attempted to locate free point of 7" casing to pull, but were unable to free 7" casing from well head slips. Ran full bore packer and located casing leaks at 821-826 and 935-938, and possible leak at 1162.

Set drillable bridge plug at 1619, perforated 4 holes at 1400, set full bore retrievable packer at 1329, circulated water at 500 psi and displaced water in hole with mud. Set cement retainer at 1330 and cemented with 350 sacks cement containing 4 percent gel and 1 1/2# tuf plug per sack. Top of cement was at 520 by temperature survey. Pumped 50 sacks cement down bradenhead with final pump pressure 600 psi.

Ran 5" casing to 4533, tied into 5" liner set 4535-5293 (on previous workover) and cemented to surface with 425 sacks of cement. Drilled out cement and bridge plug, landed tubing at 5224 and tested well for 10,736 MCF per day. (Tested 5" to 4533 with 2500 psi ok).

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

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 6086 (RDB)	T D 5294	P B T D 5270	Producing Interval 4686-5250	Completion Date 8-23-53
Tubing Diameter 2-3/8"	Tubing Depth 5224	Oil String Diameter 7" & 5"	Oil String Depth 5293	
Perforated Interval(s) 4686-4734, 4744-4764, 5130-5196, 5205-5213, and 5242-5250				
Open Hole Interval NONE		Producing Formation(s) Mesaverde		

RESULTS OF WORKOVER (casing repair)

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	February, 1961	64 BO in 2 days	933 MCF in 2 days	Estimated 1 BPD	- - - - -	- - - - -
After Workover	April 1, 1961	- - -	- - -	- - -	- - -	10,736 (day flow)

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 ORIGINAL SIGNED BY R. M. D...
Title	Position Senior Petroleum Engineer
Date APR 6 1961	Company Pan American Petroleum Corporation