

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

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 State Gas Unit "J"	Well No. 1	Unit Letter A	Section 36	Township T-30-N	Range 10-E		
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): **Results of workover**
- ☐ Plugging
 ☐ Remedial Work

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

Moved in workover rig and pulled tubing. Cleaned out open hole to 4929'. Set 4-1/2" liner at 3948-4922' with 100 sacks of 6 percent Gel cement containing 1-1/2 pounds Tuf Plug per sack followed by 25 sacks of neat cement. Waited on cement 20 hours and cleaned out to top of liner with 6-1/8" bit. Tested casing and liner and pumped in 5 barrels per minute at 1325 psi. Set HRC tool at 3876' and squeezed top of liner with 100 sacks of neat cement containing 1-1/2 pounds Tuf Plug per sack. Maximum squeeze pressure 2600 psi. Squeezed 53 sacks behind liner which left 17 sacks of cement in casing. Reversed out 30 sacks. Reset HRC tool and tested annulus with 2500 psi for 45 minutes, which held with no indication of pressure drop. Waited on cement 23 hours. Ran 6-1/8" bit and drilled out cement to 3878-3948'. Ran 3-7/8" bit and cleaned out inside of liner to 4883'. Tested casing and liner 2500 psi for 30 minutes, which held with no indication of pressure drop. Layed down drill pipe and retested casing and liner with 2500 psi for 15 minutes, which held with no indication of pressure drop. Ran Correlation log. Perforated Point Lockout with 2 shots per foot Gamma Ray measurement 4651-4657', 4663-4673', 4682-4700', 4711-4717', 4721-4727', 4738-4744', 4747-4753', and 4765-4771'. Sand water fracked with 51,800 gallons of water and 70,000 pounds of sand. Breakdown pressure 1700 psi and treating pressure 1700 psi. Average

Witnessed by _____ Position _____ Company **(see reverse side)**

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	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

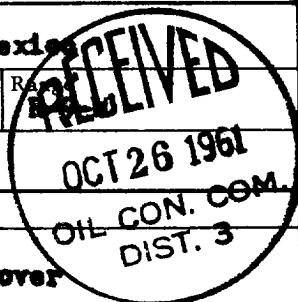
Name
**ORIGINAL SIGNED BY
R. M. Bauer, Jr.**

Title
Supervisor Dist # 3

Position
Senior Petroleum Engineer

Date
OCT 26 1961

Company
Pan American Petroleum Corporation



STATE OF NEW MEXICO	
DEPARTMENT OF CONSERVATION	
WATER DIVISION	
OFFICE	
NUMBER	3
DATE	
BY	
FOR	
OFFICE	
TRANSPORTER	OIL
	GAS
PERMITS OFFICE	
OPERATOR	

Injection rate 79 barrels per minute. Immediate shut in pressure 150 psi and on vacuum in 5 minutes. Run gauge ring and set drillable bridge plug at 4300'. Tested bridge plug with 2500 psi, which held with no indication of pressure drop. Perforated CiltHouse with 2 shots per foot Gamma Ray measurement 4080-4100', 4136-4146', 4153-4163', 4184-4194', 4203-4211', 4220-4228', and 4245-4255'. Sand water fracked with 38,100 gallons of water and 40,000 pounds of sand. Breakdown pressure 2300 psi treating pressure 1900 psi. Average injection rate 66 barrels per minute. Immediate shut in pressure 700 psi, 5 minute shut in pressure 600 psi and on vacuum in 2 hours. Run tubing with 3-7/8" bit to clean out with gas. Pulled tubing and bit and cleaned out to bridge plug. Blew 6 hours and gauged 1236 MCF per day from CiltHouse same. Drilled bridge plug and cleaned out to plug back depth 4883'. Blew intermittently on bottom 33-1/2 hours to clean out after free and gauged 5216 MCF per day. Landed 2-3/8" tubing at 4763'. Released 178 October 13, 1961. Shut in to hookup separator and re-connect to pipeline. Well re-connected to pipeline October 17, 1961.